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TWT
HIGH TECH TOOLS

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HW Circular sawblades line

Linea Lame circolari in HW



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Circular sawblades in HW

Lame circolari in HW

Articolo Issue	Cod.	Pag.
Legenda dei simboli e delle abbreviazioni <i>Explanation of symbols and abbreviations</i>		5
Dentatura <i>Tooth shape</i>		5
Disegni di riferimento per forature <i>Reference drawings for standard pin holes</i>		6
La nuova linea di lame cromate e silenziate <i>New chrome-plated / low noise blade line</i>	Esperia	7
Lame TCT universali <i>Universal TCT saw blades</i>	TLH01/1	8
Lame TCT universali extra silenziate ad alto rendimento <i>Extra low noise high performace TCT universal saw blades</i>	TLH01/2	9
Lame TCT universali extra silenziate cromate <i>Extra low noise chrome-plated TCT universal saw blades</i>	TLH01/3	9
Lame TCT universali a spessore sottile <i>Universal thin TCT saw blades</i>	TLH01/4	10
Lame TCT per il taglio di pannelli <i>TCT saw blades for cutting panels</i>	TLH02/1	11
Lame TCT extra silenziate ad alto rendimento per il taglio di pannelli <i>Extra low noise high performace TCT saw blades for cutting panels</i>	TLH02/2	11
Lame TCT extra silenziate cromate per il taglio di pannelli <i>Extra low noise chrome plated TCT saw blades for panel cutting</i>	TLH02/3	12
Lame TCT extra silenziate cromate per il taglio di pannelli bilaminati <i>Extra low noise chrome-plated TCT saw blades for cutting bilaminated panels</i>	TLH02/4	12
Lame TCT extra silenziate cromate per il taglio di pannelli bilaminati <i>Extra low noise chrome-plated TCT saw blades for cutting bilaminated panels</i>	TLH02/5	13
Lame TCT extra silenziate per il taglio di pannelli rivestiti <i>Extra low noise TCT saw blades for cutting bilaminated panels</i>	TLH02/6	13
Lame TCT per tagli longitudinali e multilame <i>Ripping and multi-ripping TCT saw blades</i>	TLH03/1	14
Lame TCT per tagli longitudinali con limitatore di truciolo <i>Ripping TCT saw blades with chip limiter</i>	TLH03/2	15
Lame TCT extra silenziate cromate per tagli longitudinali con limitatore truciolo <i>Extra low noise chrome-plated ripping TCT saw blades with chip limiter</i>	TLH03/3	15
Lame TCT con rasanti per multilame <i>Multi-ripping TCT saw blades with wiper slots</i>	TLH03/4	16
Incisori cromati regolabili per sezionatrici <i>Chrome-plated adjustable scoring saw blades</i>	TLH04/1	17
Incisori conici per sezionatrice <i>Dividing conical scoring saw blades for sizing machines</i>	TLH04/2	18
Tavola di riferimento delle lame per macchine sezionatrici <i>Reference table of saw blades for panel sizing machine</i>		19-23
Lame TCT per macchine sezionatrici industriali <i>Panel sizing TCT saw blades for industrial sizing machines</i>	TLH05/1	24
Lame TCT extra silenziate cromate per macchine sezionatrici verticali <i>Extra low noise chrome-plated panel sizing TCT saw blades for vertical sizing machines</i>	TLH05/2	26
Lame TCT con taglienti concavi per macchine sezionatrici verticali <i>Panel sizing TCT with hollow/inverted tooth for vertical sizing machines</i>	TLH05/3	26
Lame TCT extra silenziate cromate per macchine sezionatrici industriali <i>Extra low noise chrome-plated panel sizing TCT saw blades for industrial sizing machines</i>	TLH05/4	27

Articolo Issue	Cod.	Pag.
Lame TCT silenziate per il taglio di metalli non ferrosi <i>Low noise TCT saw blades for non-ferrous metals</i>	TLH06/1 - TLH06/2	28 29
Lame TCT extra silenziate cromate per il taglio di metalli non ferrosi <i>Extra low noise chrome plated-TCT saw blades for non-ferrous metals</i>	TLH06/3 - TLH06/4	30
Lame TCT dry-cut <i>TCT dry-cut saw blades</i>	TLH08/1	31
Lame TCT universali cromate per il taglio di metalli non ferrosi su macchine portatili <i>Chrome-plated TCT universal circular saw blades for cutting non-ferrous metals on portable machines</i>	TLH08/2	32
Lame TCT universali cromate per macchine portatili <i>Chrome-plated universal TCT saw blades for portable machines</i>	TLH09/1	32
Lama TCT per canali/incastri <i>Grooving TCT sawblade</i>	TLH10/1	33
Fresa cromata per incastri <i>Chrome-plated groove cutter for biscuit jointers</i>	TLH10/2	34

Legenda Disponibilità/Availability:

- - Articolo disponibile con spedizione da Twt in 5 gg. lavorativi.
● - Article available ex stock with delivery from Twt in 5 working days.
- - Articolo non in stock con spedizione da Twt in 10 gg lavorativi.
● - Article available in short notice and delivery from Twt in 10 working days.
- - Articolo non in stock con spedizione da Twt in 20 gg lavorativi.
● - Article available in medium notice and delivery from Twt in 20 working days.



Legenda dei simboli e delle abbreviazioni

Explanation of symbols and abbreviations

D	Diametro <i>Diametre</i>	PH	Fori di trascinamento <i>Pinholes</i>
B	Spessore di taglio <i>Cutting thickness</i>	Z	Numero di denti <i>Number of teeth</i>
		α	Angolo di taglio <i>Cutting angle</i>
b	Spessore corpo lama <i>Saw blade body thickness</i>		
d	Foro centrale <i>Central Bore</i>		
	Lama con intagli riempiti con materiale fonoassorbente <i>Sawblade with low noise slots filled with sound- absorbing resin</i>		Lama con intagli non riempiti con materiale fonoassorbente <i>Sawblade with low noise slots not filled with resin</i>

Dentatura

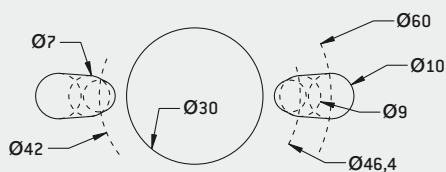
Tooth shape

ATB	Dente alterno <i>Alternate top bevel toothing</i>
CON	Dente conico <i>Conical toothing</i>
FWF (DRY CUT)	Dente piatto con smusso alternato <i>Flat tooth with alternate chamfer</i>
HDF	Dente alterno concavo <i>Hollow/inverted V and flat toothing</i>
TCG	Dente alterno piatto trapezoidale <i>Triple chip-flat toothing</i>
WWF (DRY CUT)	Dente alternato-alternato-piatto <i>Alternate-alternate-flat toothing</i>
WZ (DRY CUT)	Dente alterno <i>Alternate top bevel toothing</i>

DISEGNI DI RIFERIMENTO PER FORATURE REFERENCE DRAWINGS FOR STANDARD PIN HOLES

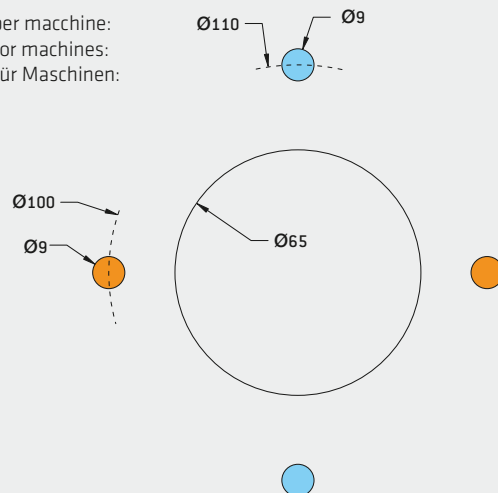
- * PH01 per macchina:
- * PH01 for machines:
- * PH01 für Maschinen:

PANHANS
SCM
SCHEER
SCHELLING
CASADEI



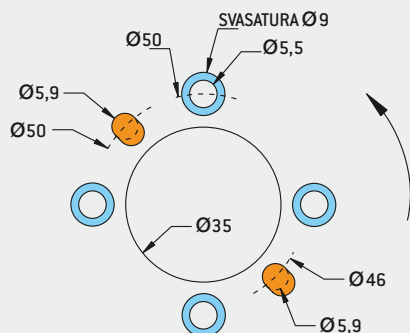
- * PH04 per macchina:
- * PH04 for machines:
- * PH04 für Maschinen:

SELCO



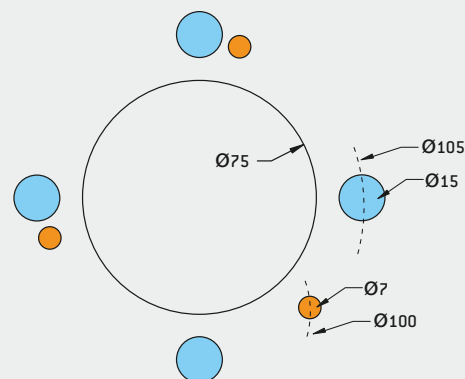
- * PH02 per macchina:
- * PH02 for machines:
- * PH02 für Maschinen:

BIESSE



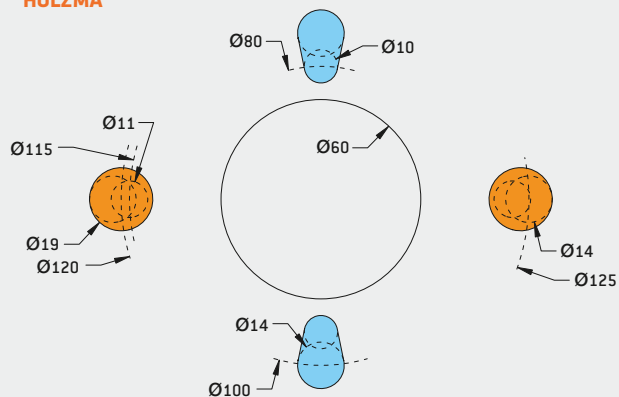
- * PH05 per macchina:
- * PH05 for machines:
- * PH05 für Maschinen:

GIBEN
EUROMAC



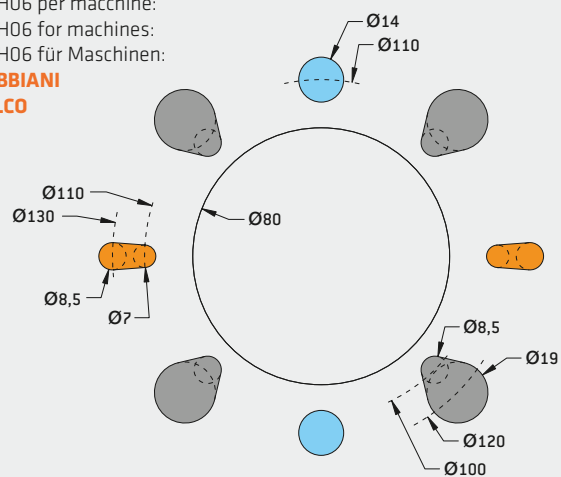
- * PH03 per macchina:
- * PH03 for machines:
- * PH03 für Maschinen:

HOLZMA



- * PH06 per macchina:
- * PH06 for machines:
- * PH06 für Maschinen:

GABBIANI
SELCO



ESPERIA

LA NUOVA LINEA DI LAME CROMATE E SILENZIATE NEW CHROME-PLATED / LOW NOISE BLADE LINE

Il rivestimento cromato

Chrome-plated coating is:

- è anticorrosivo: protegge la lama dalla ruggine
- *an anti-corrosion coating: it protects the blade from rust*
- è antiaderente: favorisce lo scarico del truciolo rallentando l'accumulo della resina sul corpo lama
- *a non-sticking treatment: it helps wood chips to flow better so not to stick on the saw body.*

La resina fonoassorbente

The noise-absorbing resin

- riduce la rumorosità durante il taglio
- *reduces the noise while cutting*
- riduce la vibrazione durante il taglio così da migliorare la finitura sul pezzo tagliato
- *reduces vibrations during cutting so to improve finishing on the work piece*



TLH06/3 · TLH06/4

Lame TCT cromate silenziate per il taglio di metalli non ferrosi
Low noise chrome plated-TCT saw blades for non-ferrous metals

TLH01/3

Lame TCT universali cromate-silenziate
Low noise chrome-plated TCT universal saw blades

TLH02/3

Lame tct cromate silenziate per il taglio di pannelli
Low noise chrome plated tct saw blades for panel cutting

TLH02/4

Lame tct cromate silenziate per il taglio di pannelli bilaminati
Low noise chrome-plated tct saw blades for cutting bilaminated panels

TLH02/5

Lame tct cromate silenziate per il taglio di pannelli bilaminati
Low noise chrome-plated tct saw blades for cutting bilaminated panels

TLH05/2

Lame tct cromate silenziate per macchine sezionatrici verticali
Low noise chrome-plated panel sizing tct saw blades for vertical sizing machines

TLH05/4

Lame tct cromate silenziate per macchine sezionatrici industriali
Low noise chrome-plated panel sizing tct saw blades for industrial sizing machines

TLH04/1

Incisori cromati regolabili per sezionatrici
Chrome-plated adjustable scoring saw blades

TLH09/1

Lame tct universali cromate per macchine portatili
Chrome-plated universal tct saw blades for portable machines

TLH08/2

Lame tct universali cromate per il taglio di metalli non ferrosi su macchine portatili
Chrome-plated tct universal circular saw blades for cutting non ferrous metals on portable machines

TLH10/2

Fresa cromata per incastri
Chrome-plated groove cutter for biscuit jointers

TLH01/1

Lame TCT universali Universal TCT saw blades

Indicate per il taglio lungo vena longitudinale e trasversale di legni teneri e duri.

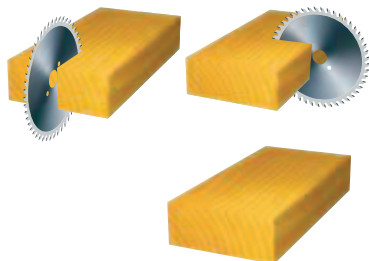
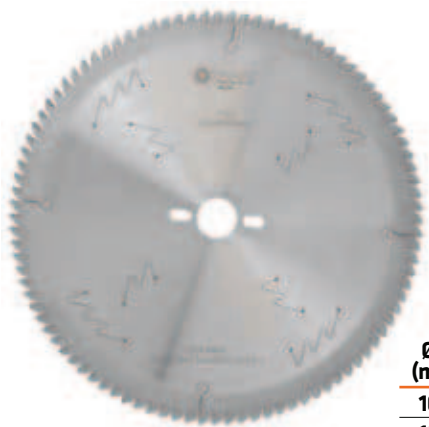
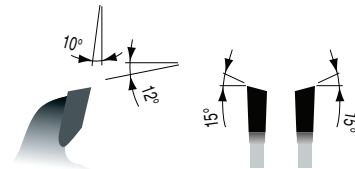
Suitable for ripping lengthwise and cross cutting hard and soft woods.

Caratteristiche tecniche | Technical features

Angoli | Angles: 10° / 12° / 15°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: K10



Silenziate /
Low noise



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
100	3,2	2,2	20		20	10°	ATB	TLH01.100E.0001	●	AL 1187
100	3,2	2,2	30		30	10°	ATB	TLH01.100A.0001	●	AL 1550
120	3,2	2,2	20		20	10°	ATB	TLH01.120E.0001	●	AL 1201
120	3,2	2,2	30		30	10°	ATB	TLH01.120A.0001	●	AL 1369
125	3,2	2,2	20		24	10°	ATB	TLH01.125E.0001	●	AL 1215
125	3,2	2,2	30		30	10°	ATB	TLH01.125A.0002	●	AL 1369
150	3,2	2,2	30		24	10°	ATB	TLH01.150A.0001	●	AL 1327
150	3,2	2,2	30		36	10°	ATB	TLH01.150A.0002	●	AL 1439
160	3,2	2,2	30		24	10°	ATB	TLH01.160A.0001	●	AL 1425
160	3,2	2,2	30		36	10°	ATB	TLH01.160A.0002	●	AL 1494
180	3,2	2,2	30		36	10°	ATB	TLH01.180A.0001	●	AL 1522
180	3,2	2,2	30		48	10°	ATB	TLH01.180A.0002	●	AL 1830
200	3,2	2,2	30		34	10°	ATB	TLH01.200A.0001	●	AL 1508
200	3,2	2,2	30		48	10°	ATB	TLH01.200A.0002	●	AL 1844
220	3,2	2,2	30		34	10°	ATB	TLH01.220A.0001	●	AL 1746
220	3,2	2,2	30		48	10°	ATB	TLH01.220A.0002	●	AL 1872
220	3,2	2,2	30	PH01	64	10°	ATB	TLH01.220A.0003	●	AL 2095
250	3,2	2,2	30	PH01	40	10°	ATB	TLH01.250A.0001	●	AL 1355
250	3,2	2,2	30	PH01	48	10°	ATB	TLH01.250A.0004	●	AL 1425
250	3,2	2,2	30	PH01	60	10°	ATB	TLH01.250A.0002	●	AL 1522
250	3,2	2,2	30	PH01	80	10°	ATB	TLH01.250A.0003	●	AL 1983
300	3,2	2,2	30	PH01	48	10°	ATB	TLH01.300A.0001	●	AL 1522
300	3,2	2,2	30	PH01	60	10°	ATB	TLH01.300A.0004	●	AL 1704
300	3,2	2,2	30	PH01	72	10°	ATB	TLH01.300A.0002	●	AL 1816
300	3,2	2,2	30	PH01	96	10°	ATB	TLH01.300A.0003	●	AL 2165
350	3,5	2,5	30	PH01	54	10°	ATB	TLH01.350A.0001	●	AL 1913
350	3,5	2,5	30	PH01	72	10°	ATB	TLH01.350A.0004	●	AL 2151
350	3,5	2,5	30	PH01	84	10°	ATB	TLH01.350A.0002	●	AL 2277
350	3,5	2,5	30	PH01	108	10°	ATB	TLH01.350A.0003	●	AL 2556
400	4,0	2,8	30	PH01	60	10°	ATB	TLH01.400A.0001	●	AL 2821
400	4,0	2,8	30	PH01	80	10°	ATB	TLH01.400A.0003	●	AL 3394
400	4,0	2,8	30	PH01	96	10°	ATB	TLH01.400A.0002	●	AL 3464
400	4,0	2,8	30	PH01	120	10°	ATB	TLH01.400A.0004	●	AL 4190
450	4,2	2,8	30	2/10/60	66	10°	ATB	TLH01.450A.0001	●	AL 3673
450	4,2	2,8	30	2/10/60	88	10°	ATB	TLH01.450A.0002	●	AL 5042
450	4,2	2,8	30	2/10/60	108	10°	ATB	TLH01.450A.0003	●	AL 4902
450	4,2	3,0	30	2/10/60	132	10°	ATB	TLH01.450A.0004	●	AL 6061
500	4,2	2,8	30	2/10/60	72	10°	ATB	TLH01.500A.0001	●	AL 4288
500	4,2	3,0	30	2/10/60	96	10°	ATB	TLH01.500A.0002	●	AL 6257
500	4,2	3,0	30	2/10/60	120	10°	ATB	TLH01.500A.0003	●	AL 6592
500	4,2	3,0	30	2/10/60	144	10°	ATB	TLH01.500A.0004	●	AL 7612
550	5,2	3,6	30	2/10/60	80	10°	ATB	TLH01.550A.0001	●	AL 6746
550	5,2	3,6	30	2/10/60	96	10°	ATB	TLH01.550A.0002	●	AL 7947
600	5,2	3,6	30	2/10/60	80	10°	ATB	TLH01.600A.0001	●	AL 7807
700	6,2	4,0	40		84	10°	ATB	TLH01.700C.0001	●	AL 13939
700	6,2	4,0	40		120	10°	ATB	TLH01.700C.0002	●	AL 15615

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Lame TCT universali extra silenziate ad alto rendimento

Extra low noise high performace TCT universal saw blades

Indicate per il taglio lungo vena longitudinale e trasversale di legni teneri e duri.

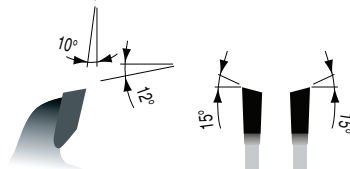
Suitable for ripping lengthwise and cross cutting hard and soft woods.

Caratteristiche tecniche | Technical features

Angoli | Angles: 10° / 12° / 15°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: KCR06



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	40	10°	ATB	TLH01.250A.H001	●	AL 1676
250	3,2	2,2	30	PH01	60	10°	ATB	TLH01.250A.H002	●	AL 1830
250	3,2	2,2	30	PH01	80	10°	ATB	TLH01.250A.H003	●	AL 2277
300	3,2	2,2	30	PH01	48	10°	ATB	TLH01.300A.H001	●	AL 2025
300	3,2	2,2	30	PH01	60	10°	ATB	TLH01.300A.H002	●	AL 2249
300	3,2	2,2	30	PH01	72	10°	ATB	TLH01.300A.H003	●	AL 2291
300	3,2	2,2	30	PH01	96	10°	ATB	TLH01.300A.H004	●	AL 2737
350	3,5	2,5	30	PH01	54	10°	ATB	TLH01.350A.H001	●	AL 2486
350	3,5	2,5	30	PH01	72	10°	ATB	TLH01.350A.H002	●	AL 2793
350	3,5	2,5	30	PH01	84	10°	ATB	TLH01.350A.H003	●	AL 2891
350	3,5	2,5	30	PH01	108	10°	ATB	TLH01.350A.H004	●	AL 3380
400	4,0	2,8	30	PH01	60	10°	ATB	TLH01.400A.H001	●	AL 3603
400	4,0	2,8	30	PH01	80	10°	ATB	TLH01.400A.H002	●	AL 3911
400	4,0	2,8	30	PH01	96	10°	ATB	TLH01.400A.H003	●	AL 4274
400	4,0	2,8	30	PH01	120	10°	ATB	TLH01.400A.H004	●	AL 4679

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Lame TCT universali extra silenziate cromate

Extra low noise chrome-plated TCT universal saw blades

Indicate per il taglio lungo vena longitudinale e trasversale di legni teneri e duri.

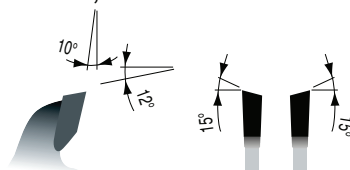
Suitable for ripping lengthwise and cross cutting hard and soft woods.

Caratteristiche tecniche | Technical features

Angoli | Angles: 10° / 12° / 15°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: K10

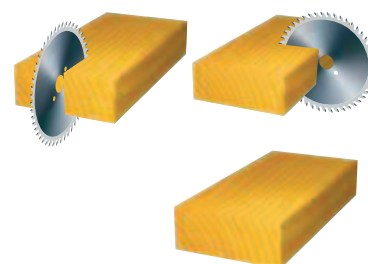
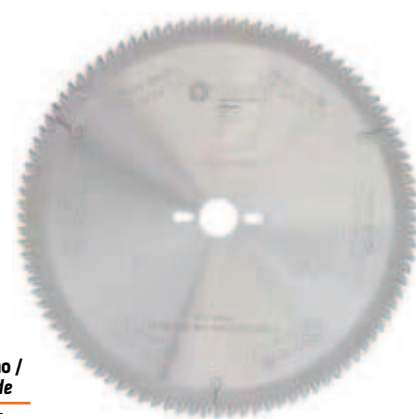


Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	40	15°	ATB	TLH01.250A.C001	●	AL 1913
250	3,2	2,2	30	PH01	60	15°	ATB	TLH01.250A.C002	●	AL 2025
250	3,2	2,2	30	PH01	80	15°	ATB	TLH01.250A.C003	●	AL 2388
300	3,2	2,2	30	PH01	48	15°	ATB	TLH01.300A.C001	●	AL 2235
300	3,2	2,2	30	PH01	72	15°	ATB	TLH01.300A.C002	●	AL 2500
300	3,2	2,2	30	PH01	96	15°	ATB	TLH01.300A.C003	●	AL 2849
350	3,5	2,5	30	PH01	54	15°	ATB	TLH01.350A.C001	●	AL 2905
350	3,5	2,5	30	PH01	84	15°	ATB	TLH01.350A.C002	●	AL 3198
350	3,5	2,5	30	PH01	108	15°	ATB	TLH01.350A.C003	●	AL 3813
400	4,0	2,8	30	2/10/60	60	15°	ATB	TLH01.400A.C001	●	AL 4525
450	4,4	3,0	30	2/10/60	66	15°	ATB	TLH01.450A.C001	●	AL 6522
500	4,4	3,2	30	2/10/60	72	15°	ATB	TLH01.500A.C001	●	AL 7626

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

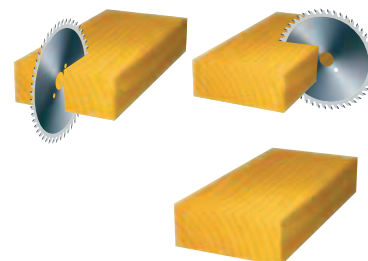
TLH01/2



Extra silenziate /
Extra low noise



TLH01/3



Extra silenziate /
Extra low noise



TLH01/4

Lame TCT universali a spessore sottile Universal thin TCT saw blades

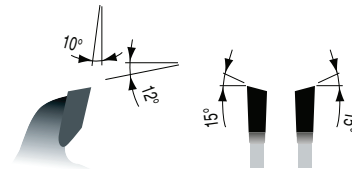
Indicate per il taglio lungo vena longitudinale e trasversale di legni teneri e duri.
Suitable for ripping lengthwise and cross cutting hard and soft woods.

Caratteristiche tecniche | Technical features

Angoli | Angles: 10° / 12° / 15°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: K10



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
150	2,5	1,8	30		24	10°	ATB	TLH01.150A.S001	●	AL 1313
150	2,5	1,8	30		48	10°	ATB	TLH01.150A.S002	●	AL 1648
180	2,5	1,8	30		30	10°	ATB	TLH01.180A.S001	●	AL 1480
200	2,5	1,8	30		34	10°	ATB	TLH01.200A.S001	●	AL 1508
200	2,5	1,8	30		48	10°	ATB	TLH01.200A.S002	●	AL 1830
200	2,5	1,8	30		64	10°	ATB	TLH01.200A.S003	●	AL 2025
250	2,5	1,8	30	PH01	40	10°	ATB	TLH01.250A.S001	●	AL 1746
250	2,5	1,8	30	PH01	60	10°	ATB	TLH01.250A.S002	●	AL 2053
250	2,5	1,8	30	PH01	80	10°	ATB	TLH01.250A.S003	●	AL 2430
300	2,5	1,8	30	PH01	48	10°	ATB	TLH01.300A.S001	●	AL 1941
300	2,5	1,8	30	PH01	72	10°	ATB	TLH01.300A.S002	●	AL 2402
300	2,5	1,8	30	PH01	96	10°	ATB	TLH01.300A.S003	●	AL 2751
350	2,8	2,0	30	PH01	54	10°	ATB	TLH01.350A.S001	●	AL 2626
350	2,8	2,0	30	PH01	84	10°	ATB	TLH01.350A.S002	●	AL 2905
350	2,8	2,0	30	PH01	108	10°	ATB	TLH01.350A.S003	●	AL 3310
400	3,6	2,5	30	PH01	60	10°	ATB	TLH01.400A.S001	●	AL 3645
400	3,6	2,5	30	PH01	96	10°	ATB	TLH01.400A.S002	●	AL 4609
400	3,6	2,5	30	PH01	120	10°	ATB	TLH01.400A.S004	●	AL 4860

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Lame TCT per il taglio di pannelli

TCT saw blades for cutting panels

Angolo di taglio positivo. Indicate per il taglio di pannelli di ogni genere, MDF, bilaminato, truciolare, multistrato. Per pannelli ricoperti da melaminico da ambo i lati si consiglia l'utilizzo di lama incisore.

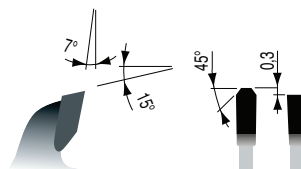
Positive cutting angle. Suitable for cutting MDF, plastic laminates, hardboard and multilayer panels. We always recommend using a scoring saw blade when cutting double faced laminated panels.

Caratteristiche tecniche | Technical features

Angoli | Angles: 7° / 15°

Altezza placchetta | Tip dimension: 10 mm

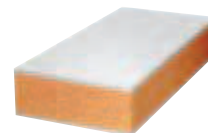
Metallo duro | Carbide Grade: KCR05+



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
200	3,2	2,2	30		64	7°	TCG	TLH02.200A.0001	●	AL 1830
250	3,2	2,2	30	PH01	60 ②	7°	TCG	TLH02.250A.0002	●	AL 1704
250	3,2	2,2	30	PH01	80 ②	7°	TCG	TLH02.250A.0001	●	AL 1969
300	3,2	2,2	30	PH01	72 ②	7°	TCG	TLH02.300A.0002	●	AL 1955
300	3,2	2,2	30	PH01	96 ②	7°	TCG	TLH02.300A.0001	●	AL 2151
350	3,5	2,5	30	PH01	84 ②	7°	TCG	TLH02.350A.0002	●	AL 2486
350	3,5	2,5	30	PH01	108 ②	7°	TCG	TLH02.350A.0001	●	AL 2668
400	3,5	2,5	30	PH01	120 ②	7°	TCG	TLH02.400A.0001	●	AL 4246
400	4,0	2,8	30	PH01	120 ②	7°	TCG	TLH02.400A.0002	●	AL 4511
450	4,2	3,0	30	2/10/60	132	7°	TCG	TLH02.450A.0001	●	AL 6872

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4



Silenziate /
Low noise



Lame TCT extra silenziate ad alto rendimento per il taglio di pannelli

Extra low noise high performance TCT saw blades for cutting panels

Angolo di taglio positivo. Indicate per il taglio di pannelli di ogni genere, MDF, bilaminato, truciolare, multistrato. Per pannelli ricoperti da melaminico da ambo i lati si consiglia l'utilizzo di lama incisore.

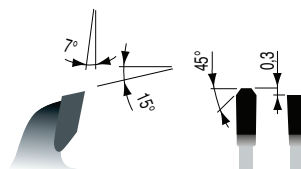
Positive cutting angle. Suitable for cutting MDF, plastic laminates, hardboard and multilayer panels. We always recommend using a scoring saw blade when cutting double faced laminated panels.

Caratteristiche tecniche | Technical features

Angoli | Angles: 7° / 15°

Altezza placchetta | Tip dimension: 10 mm

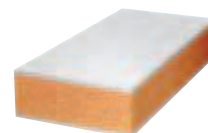
Metallo duro | Carbide Grade: KCR05+



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	60	7°	TCG	TLH02.250A.H001	●	AL 1690
250	3,2	2,2	30	PH01	80	7°	TCG	TLH02.250A.H002	●	AL 2011
300	3,2	2,2	30	PH01	72	7°	TCG	TLH02.300A.H001	●	AL 2011
300	3,2	2,2	30	PH01	96	7°	TCG	TLH02.300A.H002	●	AL 2360
350	3,5	2,5	30	PH01	84	7°	TCG	TLH02.350A.H001	●	AL 2751
350	3,5	2,5	30	PH01	108	7°	TCG	TLH02.350A.H002	●	AL 2933

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4



Extra silenziate /
Extra low noise



TLH02/3

Lame TCT extra silenziate cromate per il taglio di pannelli Extra low noise chrome plated TCT saw blades for panel cutting

Angolo di taglio positivo. Indicate per il taglio di pannelli di ogni genere, MDF, bilaminato, truciolare, multistrato. Per pannelli ricoperti da melaminico da ambo i lati si consiglia l'utilizzo di lama incisore.

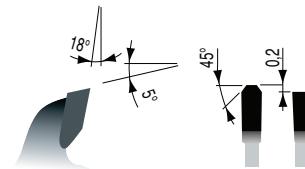
Positive cutting angle. Suitable for cutting MDF, plastic laminates, hardboard and multilayer panels. We always recommend using a scoring saw blade when cutting double faced laminated panels.

Caratteristiche tecniche | Technical features

Angoli | Angles: 18° / 5°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: KCR05+



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	80	18°	TCG	TLH02.250A.C001	●	AL 2207
300	3,2	2,2	30	PH01	96	18°	TCG	TLH02.300A.C001	●	AL 2416
350	3,5	2,5	30	PH01	108	18°	TCG	TLH02.350A.C001	●	AL 3687

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Extra silenziate /
Extra low noise



TLH02/4

Lame TCT extra silenziate cromate per il taglio di pannelli bilaminati Extra low noise chrome-plated TCT saw blades for cutting bilaminated panels

Angolo di taglio negativo. Per la sezionatura di pannelli bilaminati senza l'ausilio di lama incisore. Particolarmente indicate per la lavorazione di pannelli rivestiti in melaminico e di materiali plastici.

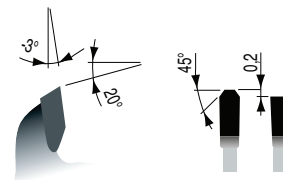
Negative cutting angle. Suitable for sizing melamine-coated panels and plastic materials without the use of scoring saw blade.

Caratteristiche tecniche | Technical features

Angoli | Angles: -3° / 20°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: KCR05+



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
300	3,2	2,2	30	PH01	96	-3°	TCG	TLH02.300A.C002	●	AL 3771
350	3,5	2,5	30	2/9/46,4 + 2/10/60	108	-3°	TCG	TLH02.350A.C002	●	AL 4553

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Extra silenziate /
Extra low noise



Lame TCT extra silenziate cromate per il taglio di pannelli bilaminati

Extra low noise chrome-plated TCT saw blades for cutting bilaminated panels

Indicate per il taglio di pannelli di ogni genere, MDF, bilaminato, truciolare, multistrato e melamina. Dato l'elevato angolo alterno, si consiglia per il taglio di pannelli ricoperti da melaminico da ambo i lati dove non è richiesto l'utilizzo di lama incisore.

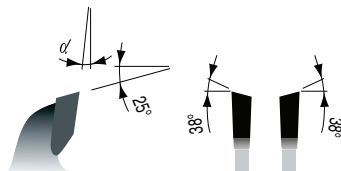
Suitable for cutting MDF, plastic laminated, hardboard, multilayer panels and melamine. The scoring saw is not needed for cutting double faced laminated panels as the blade has an high alternate top-bevel.

Caratteristiche tecniche | Technical features

Angoli | Angles: 38° / α° / 25°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: KCR06

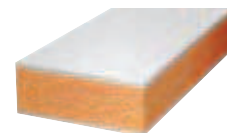


Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
300	3,2	2,2	30	PH01	96	2°	ATB	TLH02.300A.C003	●	AL 3142
350	3,5	2,5	30	2/9/46,4 + 2/10/60	108	5°	ATB	TLH02.350A.C003	●	AL 4232

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

TLH02/5



Extra silenziate /
Extra low noise



Lame TCT extra silenziate per il taglio di pannelli rivestiti

Extra low noise TCT saw blades for cutting bilaminated panels

Indicate per il taglio di pannelli di ogni genere, MDF, bilaminato, truciolare, multistrato e melamina. Dato l'elevato angolo alterno, si consiglia per il taglio di pannelli ricoperti da melaminico da ambo i lati dove non è richiesto l'utilizzo di lama incisore.

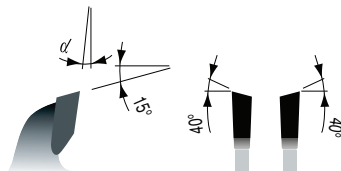
Suitable for cutting MDF, plastic laminated, hardboard, multilayer panels and melamine. The scoring saw is not needed for cutting double faced laminated panels as the blade has an high alternate top-bevel.

Caratteristiche tecniche | Technical features

Angoli | Angles: 40° / α° / 15°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: KCR06

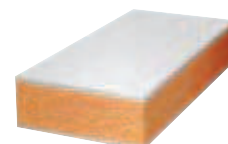


Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	80	-2°	ATB	TLH02.250A.H003	●	AL 2458
300	3,2	2,2	30	PH01	96	2°	ATB	TLH02.300A.H003	●	AL 2933
350	3,5	2,5	30	PH01	108	5°	ATB	TLH02.350A.H003	●	AL 3659

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

TLH02/6



Extra silenziate /
Extra low noise



TLH03/1

Lame TCT per tagli longitudinali e multilame Ripping and multi-ripping TCT saw blades

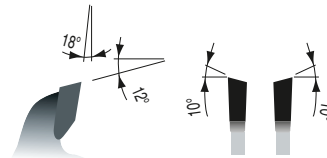
Indicate per il taglio lungo vena singolo e multilama di legni teneri, duri ed esotici.
Suitable for ripping and multi-ripping hard, soft and exotic woods.

Caratteristiche tecniche | Technical features

Angoli | Angles: 10° / 18° / 12°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: K10



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	CH / KW	Z	α	Dente / Tooth	t. max (mm)	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
200	3,2	2,2	30			16	18°	ATB	30	TLH03.200A.0001	●	AL 1383
250	3,2	2,2	30	PH01		18	18°	ATB	40	TLH03.250A.0001	●	AL 1648
250	3,2	2,2	70		2CH/KW	18	18°	ATB	40	TLH03.250M.0001	●	AL 1648
250	3,2	2,2	30	PH01		20	18°	ATB	40	TLH03.250A.0005	●	AL 1466
300	3,2	2,2	30	PH01		24	18°	ATB	60	TLH03.300A.0001	●	AL 1564
300	3,2	2,2	70		2CH/KW	24	18°	ATB	60	TLH03.300M.0001	●	AL 1844
350	3,5	2,5	30	PH01		28	18°	ATB	70	TLH03.350A.0001	●	AL 2067
350	3,5	2,5	70		2CH/KW	28	18°	ATB	70	TLH03.350M.0001	●	AL 2235
400	4,0	2,8	30	PH01		32	18°	ATB	100	TLH03.400A.0001	●	AL 2598
400	4,0	2,8	70		2CH/KW	32	18°	ATB	100	TLH03.400M.0001	●	AL 2779
450	4,2	2,8	30	2/10/60		36	18°	ATB	120	TLH03.450A.0001	●	AL 3212
500	4,2	2,8	30	2/10/60		40	18°	ATB	140	TLH03.500A.0001	●	AL 3324
550	5,2	3,6	30	2/10/60		44	18°	ATB	160	TLH03.550A.0001	●	AL 5936
600	5,2	3,6	30	2/10/60		48	18°	ATB	180	TLH03.600A.0001	●	AL 7067
700	6,2	4,0	30	2/10/60		48	18°	ATB	220	TLH03.700A.0001	●	AL 13101

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

* Foro 70mm con doppia chiavetta | * Bore 70mm with double keyway

Lame TCT per tagli longitudinali con limitatore di truciolo

Ripping TCT saw blades with chip limiter

Indicate per il taglio lungo vena di legni teneri, duri ed esotici con o senza nodi.

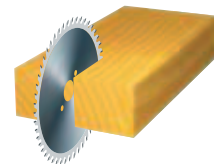
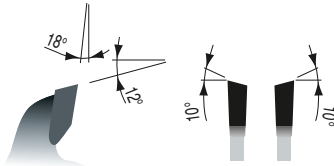
Suitable for ripping hard, soft and exotic wood with or without knots.

Caratteristiche tecniche | Technical features

Angoli | Angles: 10° / 15° / 12°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: K10



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	t. max (mm)	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	24 LT	18°	ATB	40	TLH03.250A.0004	●	AL 1453
300	3,2	2,2	30	PH01	28 LT	18°	ATB	60	TLH03.300A.0003	●	AL 1606
350	3,5	2,5	30	PH01	32 LT	18°	ATB	70	TLH03.350A.0003	●	AL 1927
350	3,5	2,5	30	PH01	36 LT *	18°	ATB	70	TLH03.350A.0007	●	AL 2346
400	4,0	2,8	30	PH01	36 LT	18°	ATB	100	TLH03.400A.0003	●	AL 2598
450	4,2	2,8	30	2/10/60	40 LT	18°	ATB	120	TLH03.450A.0002	●	AL 3296
500	4,2	2,8	30	2/10/60	44 LT	18°	ATB	140	TLH03.500A.0002	●	AL 3408
550	5,2	3,6	30	2/10/60	48 LT	18°	ATB	160	TLH03.550A.0002	●	AL 6075
600	5,2	3,6	30	2/10/60	48 LT	18°	ATB	180	TLH03.600A.0002	●	AL 7165
700	6,2	4,0	30	2/10/60	48 LT	18°	ATB	220	TLH03.700A.0002	●	AL 12975

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

* 20pz/pcs min ordine/order

Lame TCT extra silenziate cromate per tagli longitudinali con limitatore truciolo

Extra low noise chrome-plated ripping TCT saw blades with chip limiter

Indicate per il taglio lungo vena di legni massicci teneri, duri ed esotici.

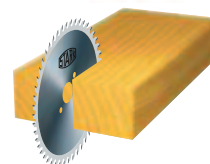
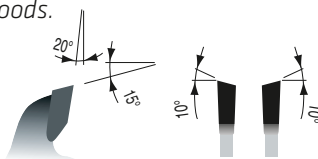
Suitable for ripping solid wood, hard, soft and exotic woods.

Caratteristiche tecniche | Technical features

Angoli | Angles: 10° / 20° / 15°

Altezza placchetta | Tip dimension: 8 mm

Metallo duro | Carbide Grade: KCR06



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	18	20°	ATB	TLH03.250A.C005	●	AL 1676
300	3,2	2,2	30	PH01	22	20°	ATB	TLH03.300A.C004	●	AL 2081
350	3,5	2,5	30	PH01	26	20°	ATB	TLH03.350A.C003	●	AL 2556

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Extra silenziate /
Extra low noise



TLH03/4

Lame TCT con rasanti per multilame

Multi-ripping TCT saw blades with wiper slots

Indicate per il taglio lungovena e per lavori gravosi su tutti i tipi di legname, sia esso tenero, duro, secco o umido. Adatte anche al taglio di tavolame distorto. Ideale per segherie e nella produzione di pallets o imballaggi.

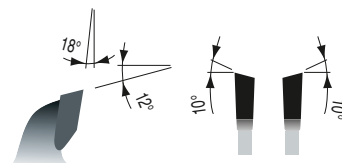
Suitable for heavy duty ripping and cutting of all types of soft, hard, dry or wet wood in sawmills and pallet manufacturing.

Caratteristiche tecniche | Technical features

Angoli | Angles: 10° / 18° / 12°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: K10



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	CH / KW	Z	α	Dente / Tooth	t. max (mm)	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01		20+2+2	18°	ATB	65	TLH03.250A.0003	●	AL 1830
250	3,2	2,2	60		2CH/KW (21x74)	20+2+2	18°	ATB	65	TLH03.250H.0002	●	AL 1969
250	3,2	2,2	70		2CH/KW (21x84)	20+2+2	18°	ATB	65	TLH03.250M.0002	●	AL 1969
250	3,2	2,2	80		2CH/KW (13x90)	20+2+2	18°	ATB	65	TLH03.250P.0001	●	AL 1969
300	3,2	2,2	30	PH01		24+2+2	18°	ATB	80	TLH03.300A.0005	●	AL 1955
300	3,2	2,2	60		2CH/KW (21x74)	24+2+2	18°	ATB	80	TLH03.300H.0002	●	AL 1955
300	3,2	2,2	70		2CH/KW (21x84)	24+2+2	18°	ATB	80	TLH03.300M.0002	●	AL 1955
300	3,2	2,2	80		2CH/KW (13x90)	24+2+2	18°	ATB	80	TLH03.300P.0001	●	AL 1955
300	3,2	2,2	80		RAIMANN	24+2+2	18°	ATB	80	TLH03.300P.0002	●	AL 2067
320	3,2	2,2	70		2CH/KW (21x84)	24+2+2	18°	ATB	90	TLH03.320M.0001	●	AL 2612
320	3,2	2,2	80		2CH/KW (13x90)	24+2+2	18°	ATB	90	TLH03.320P.0001	●	AL 2612
350	3,5	2,5	30	PH01		24+2+4	18°	ATB	105	TLH03.350A.0005	●	AL 2584
350	3,5	2,5	60		2CH/KW (21x74)	24+2+4	18°	ATB	105	TLH03.350H.0001	●	AL 2584
350	3,5	2,5	70		2CH/KW (21x84)	24+2+4	18°	ATB	105	TLH03.350M.0003	●	AL 2584
350	3,5	2,5	80		2CH/KW (14x92)	24+2+4	18°	ATB	105	TLH03.350P.0002	●	AL 2584
350	3,5	2,5	80		RAIMANN	24+2+4	18°	ATB	105	TLH03.350P.0003	●	AL 2709
350	3,5	2,5	90		2CH/KW (21x110)	24+2+4	18°	ATB	95	TLH03.350T.0001	●	AL 2584
350	3,8	2,5	30			30+2+4	18°	ATB	105	TLH03.350A.0004	●	AL 3128
350	3,8	2,5	70		2CH/KW (21x84)	30+2+4	18°	ATB	105	TLH03.350M.0002	●	AL 3282
350	3,8	2,5	80		2CH/KW (14x92)	30+2+4	18°	ATB	105	TLH03.350P.0001	●	AL 3282
400	4,0	2,8	30	PH01		28+2+4	18°	ATB	120	TLH03.400A.0004	●	AL 3729
400	4,0	2,8	70		2CH/KW (21x84)	28+2+4	18°	ATB	120	TLH03.400M.0002	●	AL 3715
400	4,0	2,8	75		2CH/KW (21x91)	28+2+4	18°	ATB	120	TLH03.400N.0001	●	AL 3729
400	4,0	2,8	80		2CH/KW (14x92)	28+2+4	18°	ATB	120	TLH03.400P.0001	●	AL 3715
400	4,0	2,8	90		2CH/KW (21x110)	28+2+4	18°	ATB	120	TLH03.400T.0001	●	AL 3715

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

* Fori 70/80 mm con doppia chiave | * Bores 70/80 mm with double keyway

Incisori cromati regolabili per sezionatrici

Chrome-plated adjustable scoring saw blades

Lame utilizzabili in complemento alle lame sezionatrici per evitare scheggiature nella parte inferiore del materiale lavorato. Questo tipo di lama viene utilizzato su quelle macchine che non hanno la possibilità di regolare in altezza l'albero sul quale vengono montate.

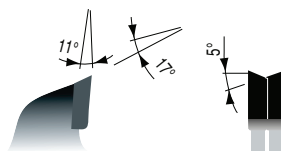
These scoring blades are used together with panel sizing circular saw blades to avoid underside splintering. This type of scoring blade is used on machines without adjustable arbor.

Caratteristiche tecniche | Technical features

Angoli | Angles: 5° / 11° / 17°

Altezza placchetta | Tip dimension: 8 mm

Metallo duro | Carbide Grade: KCR06

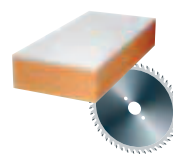
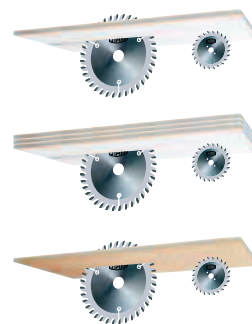


Ø D (mm)	B (mm)	Ø d (mm)	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
80	2,8-3,6	20	10+10	11°	ATB	TLH04.080E.C001	●	AL 1941
100	2,8-3,6	20	12+12	11°	ATB	TLH04.100E.C001	●	AL 1941
100	2,8-3,6	22	12+12	11°	ATB	TLH04.100J.C001	●	AL 1941
120	2,8-3,6	20	12+12	11°	ATB	TLH04.120E.C001	●	AL 1941
120	2,8-3,6	22	12+12	11°	ATB	TLH04.120J.C001	●	AL 1941
125	2,8-3,6	20	12+12	11°	ATB	TLH04.125E.C001	●	AL 1941
125	2,8-3,6	22	12+12	11°	ATB	TLH04.125J.C001	●	AL 1941

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

TLH04/1



TLH04/2

Incisori conici per sezionatrice

Dividing conical scoring saw blades for sizing machines

Lame utilizzabili in complemento alle lame sezionatrici per evitare scheggiature nella parte inferiore del materiale lavorato. Questo tipo di lama viene utilizzato su quelle macchine che hanno la possibilità di regolare in altezza l'albero sul quale vengono montate.

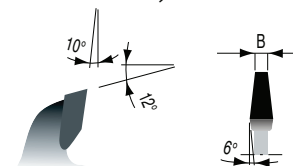
These scoring blades are used together with panel sizing circular saw blades to avoid underside splintering. This type of scoring blade is used on machines with adjustable arbor.

Caratteristiche tecniche | Technical features

Angoli | Angles: 6° / 10° / 12°

Altezza placchetta | Tip dimension: 8-10 mm

Metallo duro | Carbide Grade: KCR06



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
80	3,1-4,0	2,2	20		12	10°	CON	TLH04.080E.0001	●	AL 1299
80	3,1-4,0	2,2	22		12	10°	CON	TLH04.080J.0001	●	AL 1299
90	3,0-4,1	2,2	30		12	10°	CON	TLH04.090A.0001	●	AL 1383
100	3,1-4,3	2,2	20		20	10°	CON	TLH04.100E.0001	●	AL 1355
100	3,1-4,3	2,2	22		20	10°	CON	TLH04.100J.0001	●	AL 1355
120	3,1-4,3	2,2	20		20	10°	CON	TLH04.120E.0003	●	AL 1355
120	3,1-4,3	2,2	22		20	10°	CON	TLH04.120J.0003	●	AL 1355
120 *	3,1-4,3	2,2	20		24	10°	CON	TLH04.120E.C002	●	AL 1606
120 *	3,1-4,3	2,2	22		24	10°	CON	TLH04.120J.C002	●	AL 1606
125	3,1-4,3	2,2	20		24	10°	CON	TLH04.125E.0001	●	AL 1243
125	3,1-4,3	2,2	22		24	10°	CON	TLH04.125J.0001	●	AL 1383
125	3,1-4,3	2,2	30		24	10°	CON	TLH04.125A.0001	●	AL 1760
125	3,1-4,3	2,2	45		24	10°	CON	TLH04.125R.0001	●	AL 1872
125	3,4-4,5	2,2	20		24	10°	CON	TLH04.125E.0002	●	AL 1411
125	4,3-5,5	3,2	20		24	10°	CON	TLH04.125E.0003	●	AL 1411
125	4,3-5,5	3,2	45		24	10°	CON	TLH04.125R.0002	●	AL 1592
150	4,3-5,5	3,2	30		24	10°	CON	TLH04.150A.0002	●	AL 1676
150	4,3-5,5	3,2	45		24	10°	CON	TLH04.150R.0002	●	AL 1676
150	3,4-4,5	2,2	30		36	10°	CON	TLH04.150A.0003	●	AL 1704
150	4,3-5,5	3,2	30		36	10°	CON	TLH04.150A.0001	●	AL 1858
150	4,3-5,5	3,2	45	GIBEN	36	10°	CON	TLH04.150R.0001	●	AL 2193
160	4,3-5,5	3,2	20		36	10°	CON	TLH04.160E.0001	●	AL 1969
160	4,3-5,5	3,2	30		36	10°	CON	TLH04.160A.0001	●	AL 1969
160	4,3-5,5	3,2	45	GIBEN	36	10°	CON	TLH04.160R.0001	●	AL 2011
160	4,3-5,5	3,2	55	GABBIANI - MACMAZZA	36	10°	CON	TLH04.160S.0001	●	AL 2011
180	4,3-5,5	3,2	20		36	10°	CON	TLH04.180E.0001	●	AL 2263
180	4,3-5,5	3,2	30	2/10/60	36	10°	CON	TLH04.180A.0001	●	AL 2263
180	4,3-5,5	3,2	45	HOLZMA	36	10°	CON	TLH04.180R.0002	●	AL 2263
180	4,7-6,0	3,5	45	HOLZMA	36	10°	CON	TLH04.180R.0001	●	AL 2304
180	4,3-5,5	3,2	50	GIBEN	44	10°	CON	TLH04.180D.0001	●	AL 2430
200	4,3-5,5	3,2	20		36	10°	CON	TLH04.200E.0001	●	AL 2263
200	4,3-5,5	3,2	30	2/10/60	36	10°	CON	TLH04.200A.0001	●	AL 2263
200	4,3-5,5	3,2	45	HOLZMA	36	10°	CON	TLH04.200R.0002	●	AL 2263
200	4,3-5,5	3,2	65	SELCO	36	10°	CON	TLH04.200L.0001	●	AL 2304
200	4,3-5,5	3,2	80	GABBIANI	36	10°	CON	TLH04.200P.0002	●	AL 2304
200	4,5-5,7	3,2	65	SELCO	36	10°	CON	TLH04.200L.0002	●	AL 2360
200	4,7-6,0	3,5	45	HOLZMA	36	10°	CON	TLH04.200R.0001	●	AL 2360
200	4,7-6,0	3,5	65	SELCO	36	10°	CON	TLH04.200L.0003	●	AL 2360
200	5,0-6,2	3,5	20	SHELLING	36	10°	CON	TLH04.200E.0002	●	AL 2542
200	5,8-7,0	4,0	45	HOLZMA	36	10°	CON	TLH04.200R.0003	●	AL 2933
215	4,3-5,5	3,2	50	GIBEN	42	10°	CON	TLH04.215D.0001	●	AL 2430
300	4,3-5,5	3,2	30	2/10/60	48	10°	CON	TLH04.300A.0001	●	AL 3883
300	4,3-5,5	3,2	50	GIBEN	48	10°	CON	TLH04.300D.0001	●	AL 3883
300	4,3-5,5	3,2	65	SELCO	72	10°	CON	TLH04.300L.0001	●	AL 4302
300	4,3-5,5	3,2	80	GABBIANI	72	10°	CON	TLH04.300P.0001	●	AL 4707
300	4,5-5,7	3,2	65	SELCO	72	10°	CON	TLH04.300L.0002	●	AL 4358

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

* corpo cromato / chrome-plated body

Tavola di riferimento delle lame per macchine sezionatrici

Reference table of saw blades for panel sizing machine

Tipo lama / Blade type	Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
Anthon											
Lama principale / Main sawblade	400	4,4	3,2	60	PH03	72	16°	TCG	TLH05.400H.0002	●	AL 3897
	430	4,4	3,2	60	PH03	72	16°	TCG	TLH05.430H.0001	●	*
	450	4,4	3,2	60	PH03	72	16°	TCG	TLH05.450H.0002	●	AL 5503
	530	5,8	4,0	60	PH03	60	16°	TCG	TLH05.530H.0001	●	*
	730	6,2	4,4	80	PH06	60	16°	TCG	TLH05.730P.0001	●	*
Lama incisore / Scoring sawblade	180	4,3-5,5	3,2	20		36	10°	CON	TLH04.180E.0001	●	AL 2263
	180	5,8-7,0	4,0	20		36	10°	CON	TLH04.180E.0002	●	*
	180	6,2-7,2	4,0	20		36	10°	CON	TLH04.180E.0003	●	*
Gabbiani - SCM											
Lama principale / Main sawblade	300	4,4	3,2	80	PH06	60	16°	TCG	TLH05.300P.0001	●	AL 3324
	300	4,4	3,2	80	PH06	72	16°	TCG	TLH05.300P.0002	●	AL 3869
	320	4,4	3,2	80	PH06	60	16°	TCG	TLH05.320P.0002	●	AL 4441
	350	4,4	3,2	80	PH06	54	16°	TCG	TLH05.350P.0001	●	AL 3310
	350	4,4	3,2	80	PH06	72	16°	TCG	TLH05.350P.0002	●	AL 3743
	355	4,4	3,2	80	PH06	72	16°	TCG	TLH05.355P.0001	●	AL 4818
	380	4,4	3,2	80	PH06	72	16°	TCG	TLH05.380P.0001	●	AL 4791
	400	4,4	3,2	80	PH06	60	16°	TCG	TLH05.400P.0001	●	AL 3897
	400	4,4	3,2	80	PH06	72	16°	TCG	TLH05.400P.0002	●	AL 4372
	400	4,6	3,2	80	PH06	72	16°	TCG	TLH05.400P.0003	●	AL 4539
	420	4,4	3,2	80	PH06	72	16°	TCG	TLH05.420P.0001	●	AL 5405
	450	4,4	3,2	80	PH06	72	16°	TCG	TLH05.450P.0001	●	AL 5251
Lama incisore / Scoring sawblade	160	4,3-5,5	3,2	55		36	10°	CON	TLH04.160S.0001	●	AL 2011
	160	4,5-5,7	3,2	55		36	10°	CON	TLH04.160S.0002	●	*
	160	4,7-6,0	3,5	55		36	10°	CON	TLH04.160S.0003	●	*
	200	4,3-5,5	3,2	80		36	10°	CON	TLH04.200P.0002	●	AL 2304
Giben											
Lama principale / Main sawblade	320	4,4	3,2	50	4/12,5/80	72	16°	TCG	TLH05.320D.0001	●	AL 4441
	320	4,4	3,2	75	PH05	72	16°	TCG	TLH05.320N.0001	●	AL 4441
	330	4,4	3,2	50	4/12,5/80	60	16°	TCG	TLH05.330D.0001	●	AL 4176
	350	4,4	3,2	75	PH05	54	16°	TCG	TLH05.350N.0001	●	AL 3310
	350	4,4	3,2	50	4/12,5/80	72	16°	TCG	TLH05.350D.0001	●	AL 4106
	350	4,4	3,2	75	PH05	72	16°	TCG	TLH05.350N.0002	●	AL 3743
	355	4,4	3,2	75	PH05	72	16°	TCG	TLH05.355N.0001	●	AL 4818
	360	4,4	3,2	50	4/12,5/80	72	16°	TCG	TLH05.360D.0001	●	*
	380	4,4	3,2	50	4/12,5/80	72	16°	TCG	TLH05.380D.0001	●	AL 4791
	380	4,4	3,2	75	PH05	72	16°	TCG	TLH05.380N.0001	●	AL 4791
	400	4,4	3,2	75	PH05	60	16°	TCG	TLH05.400N.0001	●	AL 3897
	400	4,4	3,2	75	PH05	72	16°	TCG	TLH05.400N.0002	●	AL 4372
	430	4,4	3,2	75	PH05	72	16°	TCG	TLH05.430N.0001	●	AL 5168
	430	4,4	3,2	75	PH05	96	16°	TCG	TLH05.430N.0002	●	*
	470	4,4	3,2	75	PH05	72	16°	TCG	TLH05.470N.0001	●	AL 5824
	470	4,4	3,2	75	PH05	96	16°	TCG	TLH05.470N.0002	●	AL 6816
	550	5,2	3,5	100		72	16°	TCG	TLH05.550X.0001	●	*
	565	5,2	3,5	100		72	16°	TCG	TLH05.565X.0001	●	*

* Quotazione su richiesta | Price on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Tavola di riferimento delle lame per macchine sezionatrici

Reference table of saw blades for panel sizing machine

Tipo lama / Blade type	Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
Giben											
Lama incisore / Scoring sawblade	125	4,3-5,5	3,2	45		24	10°	CON	TLH04.125R.0002	●	AL 1592
	150	4,3-5,5	3,2	45		36	10°	CON	TLH04.150R.0001	●	AL 2193
	160	4,3-5,5	3,2	45		36	10°	CON	TLH04.160R.0001	●	AL 2011
	160	4,5-5,7	3,2	45		36	10°	CON	TLH04.160R.0002	●	*
	180	4,3-5,5	3,2	50		44	10°	CON	TLH04.180D.0001	●	AL 2430
	180	4,7-6,0	3,5	50		36	10°	CON	TLH04.180D.0002	●	*
	180	5,0-6,2	3,5	55		36	10°	CON	TLH04.180S.0001	●	*
	215	4,3-5,5	3,2	50		42	10°	CON	TLH04.215D.0001	●	AL 2430
	215	4,7-5,7	3,2	50		42	10°	CON	TLH04.215D.0002	●	*
	300	4,3-5,5	3,2	50		48	10°	CON	TLH04.300D.0001	●	AL 3883
	300	4,5-5,7	3,2	50		48	10°	CON	TLH04.300D.0002	●	*
Holzma											
Lama principale / Main sawblade	350	4,4	3,2	60	PH03	72	16°	TCG	TLH05.350H.0002	●	AL 4106
	380	4,4	3,2	60	PH03	72	16°	TCG	TLH05.380H.0002	●	AL 4372
	380	4,8	3,5	60	PH03	72	16°	TCG	TLH05.380H.0001	●	AL 5237
	380	4,8	3,5	60	PH03	84	16°	TCG	TLH05.380H.0003	●	*
	400	4,8	3,5	60	PH03	72	16°	TCG	TLH05.400H.0001	●	AL 5824
	420	4,8	3,5	60	PH03	72	16°	TCG	TLH05.420H.0001	●	AL 5824
	450	4,4	3,2	60	PH03	72	16°	TCG	TLH05.450H.0002	●	AL 5503
	450	4,8	3,5	60	PH03	72	16°	TCG	TLH05.450H.0001	●	AL 6075
	480	4,8	3,5	60	PH03	72	16°	TCG	TLH05.480H.0001	●	*
	500	4,8	3,5	60	PH03	60	16°	TCG	TLH05.500H.0001	●	AL 6006
	500	4,8	3,5	60	PH03	72	16°	TCG	TLH05.500H.0002	●	AL 6480
	520	4,8	3,5	60	PH03	60	16°	TCG	TLH05.520H.0001	●	*
	570	4,8	3,5	60	PH03	60	16°	TCG	TLH05.570H.0001	●	AL 8352
Lama incisore / Scoring sawblade	180	4,3-5,5	3,2	45		36	10°	CON	TLH04.180R.0002	●	AL 2263
	180	4,7-6,0	3,5	45		36	10°	CON	TLH04.180R.0001	●	AL 2304
	200	4,3-5,5	3,2	45		36	10°	CON	TLH04.200R.0002	●	AL 2263
	200	4,7-6,0	3,5	45		36	10°	CON	TLH04.200R.0001	●	AL 2360
	200	5,8-7,0	4,0	45		36	10°	CON	TLH04.200R.0003	●	AL 2933
Homag											
Lama principale / Main sawblade	300	4,4	3,2	75	PH05	60	16°	TCG	TLH05.300N.0001	●	AL 3603
	350	4,4	3,2	75	PH05	54	16°	TCG	TLH05.350N.0001	●	AL 3310
	350	4,4	3,2	75	PH05	72	16°	TCG	TLH05.350N.0002	●	AL 3743
	355	4,4	3,2	75	PH05	72	16°	TCG	TLH05.355N.0001	●	AL 4818
	400	4,4	3,2	75	PH05	60	16°	TCG	TLH05.400N.0001	●	AL 3897
	400	4,4	3,2	75	PH05	72	16°	TCG	TLH05.400N.0002	●	AL 4372
Lama incisore / Scoring sawblade	125	4,3-5,5	3,2	45		24	10°	CON	TLH04.125R.0002	●	AL 1592
	150	4,3-5,5	3,2	45		24	10°	CON	TLH04.150R.0002	●	AL 1676
	180	4,3-5,5	3,2	45		36	10°	CON	TLH04.180R.0002	●	AL 2263
	200	4,3-5,5	3,2	45		36	10°	CON	TLH04.200R.0002	●	AL 2263

* Quotazione su richiesta | Price on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Tavola di riferimento delle lame per macchine sezionatrici

Reference table of saw blades for panel sizing machine

Tipo lama / Blade type	Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
KDT											
Lama principale / Main sawblade	355	4,4	3,2	75	PH05	72	16°	TCG	TLH05.355N.0001	●	AL 4818
	400	4,4	3,2	75	PH05	72	16°	TCG	TLH05.400N.0002	●	AL 4372
	400	4,4	3,2	75	PH05	84	16°	TCG	TLH05.400N.0003	●	*
Lama incisore / Scoring sawblade	180	4,3-5,5	3,2	30	2/10/60	36	10°	CON	TLH04.180A.0001	●	AL 2263
	200	4,3-5,5	3,2	50		36	10°	CON	TLH04.200D.0001	●	*
Macmazza											
Lama principale / Main sawblade	350	4,4	3,2	75	PH05	54	16°	TCG	TLH05.350N.0001	●	AL 3310
	350	4,4	3,2	75	PH05	72	16°	TCG	TLH05.350N.0002	●	AL 3743
	355	4,4	3,2	75	PH05	72	16°	TCG	TLH05.355N.0001	●	AL 4818
	380	4,4	3,2	75	PH05	72	16°	TCG	TLH05.380N.0001	●	AL 4791
Lama incisore / Scoring sawblade	160	4,3-5,5	3,2	55		36	10°	CON	TLH04.160S.0001	●	AL 2011
	280	4,3-5,5	3,2	55		48	10°	CON	TLH04.280S.0001	●	*
	280	4,5-5,6	3,2	55		48	10°	CON	TLH04.280S.0002	●	*
Mayer											
Lama principale / Main sawblade	300	4,4	3,2	30	PH01	60	16°	TCG	TLH05.300A.0001	●	AL 3324
	300	4,4	3,2	30	PH01	72	16°	TCG	TLH05.300A.0002	●	AL 3869
	350	4,4	3,2	30	PH01	54	16°	TCG	TLH05.350A.0001	●	AL 3310
	350	4,4	3,2	30	PH01	72	16°	TCG	TLH05.350A.0002	●	AL 3743
	400	4,4	3,2	30	PH01	60	16°	TCG	TLH05.400A.0001	●	AL 3897
	400	4,4	3,2	30	PH01	72	16°	TCG	TLH05.400A.0002	●	AL 4372
Lama incisore / Scoring sawblade	125	3,1-4,3	2,2	45		24	10°	CON	TLH04.125R.0001	●	AL 1872
	150	4,3-5,5	3,2	30		24	10°	CON	TLH04.150A.0002	●	AL 1676
Nanxing											
Lama principale / Main sawblade	350	4,4	3,2	60	PH03	72	16°	TCG	TLH05.350H.0002	●	AL 4106
	380	4,4	3,2	60	PH03	72	16°	TCG	TLH05.380H.0002	●	AL 4372
	400	4,4	3,2	60	PH03	72	16°	TCG	TLH05.400H.0002	●	AL 3897
	450	4,8	3,5	60	PH03	72	16°	TCG	TLH05.450H.0001	●	AL 5824
Lama incisore / Scoring sawblade	180	4,3-5,5	3,2	45		36	10°	CON	TLH04.180R.0002	●	AL 2263
	180	4,7-6,0	3,5	45		36	10°	CON	TLH04.180R.0001	●	AL 2304
	200	4,3-5,5	3,2	45		36	10°	CON	TLH04.200R.0002	●	AL 2263
Panhans											
Lama principale / Main sawblade	300	4,4	3,2	30	PH01	60	16°	TCG	TLH05.300A.0001	●	AL 3324
	300	4,4	3,2	30	PH01	72	16°	TCG	TLH05.300A.0002	●	AL 3869
	350	4,4	3,2	30	PH01	54	16°	TCG	TLH05.350A.0001	●	AL 3310
	350	4,4	3,2	30	PH01	72	16°	TCG	TLH05.350A.0002	●	AL 3743
	400	4,4	3,2	30	PH01	60	16°	TCG	TLH05.400A.0001	●	AL 3897
	400	4,4	3,2	30	PH01	72	16°	TCG	TLH05.400A.0002	●	AL 4372
	450	4,4	3,2	30	PH01	72	16°	TCG	TLH05.450A.0001	●	AL 5251
Lama incisore / Scoring sawblade	125	3,1-4,3	2,2	20		24	10°	CON	TLH04.125E.0001	●	AL 1243
	180	4,3-5,5	3,2	30	2/10/60	36	10°	CON	TLH04.180A.0001	●	AL 2263
	200	4,3-5,5	3,2	30	2/10/60	36	10°	CON	TLH04.200A.0001	●	AL 2263

* Quotazione su richiesta | Price on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Tavola di riferimento delle lame per macchine sezionatrici

Reference table of saw blades for panel sizing machine

Tipo lama / Blade type	Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
Schelling											
Lama principale / Main sawblade	350	4,4	3,2	30	PH01	54	16°	TCG	TLH05.350A.0001	●	AL 3310
	350	4,4	3,2	30	PH01	72	16°	TCG	TLH05.350A.0002	●	AL 3743
	370	4,4	3,2	30	PH01	72	16°	TCG	TLH05.370A.0001	●	AL 4567
	400	4,4	3,2	30	PH01	60	16°	TCG	TLH05.400A.0001	●	AL 3897
	400	4,4	3,2	30	PH01	72	16°	TCG	TLH05.400A.0002	●	AL 4372
	450	4,4	3,2	30	PH01	72	16°	TCG	TLH05.450A.0001	●	AL 5251
	460	4,4	3,2	30	PH01	72	16°	TCG	TLH05.460A.0001	●	AL 5964
	480	4,4	3,2	30	PH01	72	16°	TCG	TLH05.480A.0001	●	AL 5964
	500	4,6	3,2	30	PH01	72	16°	TCG	TLH05.500A.0003	●	*
	520	4,8	3,5	30		72	16°	TCG	TLH05.520A.0001	●	*
	550	5,2	3,5	40		60	16°	TCG	TLH05.550C.0001	●	AL 7235
	620	6,2	4,0	40		60	16°	TCG	TLH05.620C.0001	●	*
	650	6,2	4,0	40		60	16°	TCG	TLH05.650C.0001	●	*
	650	6,2	4,0	40		72	16°	TCG	TLH05.650C.0002	●	*
	720	6,2	4,0	40		60	16°	TCG	TLH05.720C.0001	●	*
Lama incisore / Scoring sawblade	180	4,3-5,5	3,2	20		36	10°	CON	TLH04.180E.0001	●	AL 2263
	180	6,8-7,8	5,0	20		36	10°	CON	TLH04.180E.0003	●	*
	200	4,3-5,5	3,2	20		36	10°	CON	TLH04.200E.0001	●	AL 2263
	200	5,0-6,2	3,5	20		36	10°	CON	TLH04.200E.0002	●	AL 2542
	200	6,2-7,2	3,5	20		36	10°	CON	TLH04.200E.0003	●	*
SCM											
Lama principale / Main sawblade	300	4,4	3,2	80	PH06	60	16°	TCG	TLH05.300P.0001	●	
	300	4,4	3,2	80	PH06	72	16°	TCG	TLH05.300P.0002	●	
	350	4,4	3,2	80	PH06	54	16°	TCG	TLH05.350P.0001	●	
	350	4,4	3,2	80	PH06	72	16°	TCG	TLH05.350P.0002	●	
	350	4,6	3,2	80	PH06	72	16°	TCG	TLH05.350P.0003	●	*
	355	4,4	3,2	80	PH06	72	16°	TCG	TLH05.355P.0001	●	
	380	4,4	3,2	80	PH06	72	16°	TCG	TLH05.380P.0001	●	
	400	4,4	3,2	80	PH06	60	16°	TCG	TLH05.400P.0001	●	
	400	4,4	3,2	80	PH06	72	16°	TCG	TLH05.400P.0002	●	
Lama incisore / Scoring sawblade	150	4,3-5,5	3,2	55		36	10°	CON	TLH04.150S.0001	●	*
	160	4,3-5,5	3,2	55		36	10°	CON	TLH04.160S.0001	●	AL 2011
	160	4,5-5,7	3,2	55		36	10°	CON	TLH04.160S.0002	●	*
	200	4,3-5,5	3,2	80		36	10°	CON	TLH04.200P.0002	●	AL 2304

* Quotazione su richiesta | Price on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Tavola di riferimento delle lame per macchine sezionatrici

Reference table of saw blades for panel sizing machine

Tipo lama / Blade type	Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
Selco											
Lama principale / Main sawblade	300	4,4	3,2	65	PH04	60	16°	TCG	TLH05.300L.0002	●	AL 3324
	300	4,4	3,2	65	PH04	72	16°	TCG	TLH05.300L.0001	●	AL 3869
	320	4,4	3,2	65	PH04	60	16°	TCG	TLH05.320L.0001	●	AL 3799
	320	4,6	3,2	65	PH04	60	16°	TCG	TLH05.320L.0002	●	*
	350	4,4	3,2	65	PH04	72	16°	TCG	TLH05.350L.0001	●	AL 4106
	350	4,4	3,2	80	PH06	54	16°	TCG	TLH05.350P.0001	●	AL 3310
	350	4,4	3,2	80	PH06	72	16°	TCG	TLH05.350P.0002	●	AL 3743
	350	4,6	3,2	80	PH06	72	16°	TCG	TLH05.350P.0003	●	*
	355	4,4	3,2	65	PH04	72	16°	TCG	TLH05.355L.0001	●	AL 4818
	355	4,4	3,2	80	PH06	72	16°	TCG	TLH05.355P.0001	●	AL 4818
	360	4,6	3,2	65	PH04	72	16°	TCG	TLH05.360L.0001	●	AL 4693
	400	4,4	3,2	65	PH04	72	16°	TCG	TLH05.400L.0001	●	AL 4651
	400	4,4	3,2	80	PH06	60	16°	TCG	TLH05.400P.0001	●	AL 3897
	400	4,4	3,2	80	PH06	72	16°	TCG	TLH05.400P.0002	●	AL 4372
	400	4,6	3,2	80	PH06	72	16°	TCG	TLH05.400P.0003	●	*
	430	4,4	3,2	65	PH04	72	16°	TCG	TLH05.430L.0001	●	AL 5670
	430	4,8	3,5	70		72	16°	TCG	TLH05.430M.0001	●	AL 6075
	430	4,4	3,2	80	PH06	72	16°	TCG	TLH05.430P.0001	●	AL 5168
	450	4,4	3,2	80	PH06	72	16°	TCG	TLH05.450P.0001	●	AL 5251
	450	4,6	3,5	80	PH06	72	16°	TCG	TLH05.450P.0003	●	*
	450	4,8	3,5	80	PH06	72	16°	TCG	TLH05.450P.0002	●	AL 6075
	470	4,4	3,2	70		72	16°	TCG	TLH05.470M.0001	●	AL 6117
	450	4,8	3,5	80	PH06	72	16°	TCG	TLH05.480P.0002	●	*
	450	5,2	3,5	80	PH06	72	16°	TCG	TLH05.480P.0001	●	*
	520	4,8	3,5	70		72	16°	TCG	TLH05.520M.0001	●	AL 7626
Lama incisore / Scoring sawblade	200	4,3-5,5	3,2	65		36	10°	CON	TLH04.200L.0001	●	AL 2304
	200	4,5-5,7	3,2	65		36	10°	CON	TLH04.200L.0002	●	AL 2360
	200	4,7-6,0	3,5	65		36	10°	CON	TLH04.200L.0003	●	AL 2360
	200	5,0-6,2	3,5	65		36	10°	CON	TLH04.200L.0004	●	*
	300	4,3-5,5	3,2	65		72	10°	CON	TLH04.300L.0001	●	AL 4302
	300	4,5-5,7	3,2	65		72	10°	CON	TLH04.300L.0002	●	AL 4358
	300	4,7-6,0	3,5	65		72	10°	CON	TLH04.300L.0003	●	*

* Quotazione su richiesta | Price on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

TLH05/1

Lame TCT per macchine sezionatrici industriali

Panel sizing TCT saw blades for industrial sizing machines

Dente alterno piatto trapezoidale. Indicate per sezionare e squadrare pannelli truciolari singoli o in pacco, in MDF, bilaminati, impiallacciati e in fibra dura.

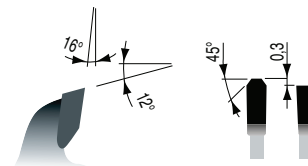
Triple chip-flat toothing. Suitable for dividing and sizing veneered and plastic laminated chipboards, single or stacked panels.

Caratteristiche tecniche | Technical features

Angoli | Angles: 16° / 12°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: KCR05+



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Macchine / Machines	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
300	4,4	3,2	30	PH01	60	16°	TCG	UNIV.	TLH05.300A.0001	●	AL 3324
300	4,4	3,2	65	PH04	60	16°	TCG	GABBIANI - SCM - SELCO	TLH05.300L.0002	●	AL 3324
300	4,4	3,2	75	PH05	60	16°	TCG	GIBEN - HOMAG - MACMAZZA	TLH05.300N.0001	●	AL 3603
300	4,4	3,2	80	PH06	60	16°	TCG	GABBIANI - SELCO	TLH05.300P.0001	●	AL 3324
300	4,4	3,2	30	PH01	72	16°	TCG	UNIV.	TLH05.300A.0002	●	AL 3869
300	4,4	3,2	65	PH04	72	16°	TCG	GABBIANI - SCM - SELCO	TLH05.300L.0001	●	AL 3869
300	4,4	3,2	80	PH06	72	16°	TCG	GABBIANI - SELCO	TLH05.300P.0002	●	AL 3869
320	4,4	3,2	65	PH04	60	16°	TCG	GABBIANI - SCM - SELCO	TLH05.320L.0001	●	AL 3799
320	4,4	3,2	80	PH06	60	16°	TCG	GABBIANI - SELCO	TLH05.320P.0002	●	AL 4441
320	4,4	3,2	50	4/12,5/80	72	16°	TCG	GIBEN	TLH05.320D.0001	●	AL 4441
320	4,4	3,2	75	PH05	72	16°	TCG	GIBEN - MACMAZZA	TLH05.320N.0001	●	AL 4441
330	4,4	3,2	50	4/12,5/80	60	16°	TCG	GIBEN	TLH05.330D.0001	●	AL 4176
350	4,4	3,2	30	PH01	54	16°	TCG	UNIV.	TLH05.350A.0001	●	AL 3310
350	4,4	3,2	75	PH05	54	16°	TCG		TLH05.350N.0001	●	AL 3310
350	4,4	3,2	80	PH06	54	16°	TCG		TLH05.350P.0001	●	AL 3310
350	4,4	3,2	30	PH01	72	16°	TCG		TLH05.350A.0002	●	AL 3743
350	4,4	3,2	50	4/12,5/80	72	16°	TCG	GIBEN	TLH05.350D.0001	●	AL 4106
350	4,4	3,2	60	PH03	72	16°	TCG	HOLZMA	TLH05.350H.0002	●	AL 4106
350	4,4	3,2	65	PH04	72	16°	TCG	SELCO	TLH05.350L.0001	●	AL 4106
350	4,4	3,2	75	PH05	72	16°	TCG		TLH05.350N.0002	●	AL 3743
350	4,4	3,2	80	PH06	72	16°	TCG		TLH05.350P.0002	●	AL 3743
355	4,4	3,2	30	PH01	72	16°	TCG	UNIV.	TLH05.355A.0001	●	AL 4818
355	4,4	3,2	65	PH04	72	16°	TCG	SELCO	TLH05.355L.0001	●	AL 4818
355	4,4	3,2	75	PH05	72	16°	TCG		TLH05.355N.0001	●	AL 4818
355	4,4	3,2	80	PH06	72	16°	TCG		TLH05.355P.0001	●	AL 4818
360	4,6	3,2	65	PH04	72	16°	TCG	SELCO	TLH05.360L.0001	●	AL 4693
370	4,4	3,2	30	PH01	72	16°	TCG	SCHELLING	TLH05.370A.0001	●	AL 4567
380	4,4	3,2	50	4/12,5/80	72	16°	TCG	GIBEN	TLH05.380D.0001	●	AL 4791
380	4,4	3,2	60	PH03	72	16°	TCG	HOLZMA	TLH05.380H.0002	●	AL 4372
380	4,4	3,2	75	PH05	72	16°	TCG		TLH05.380N.0001	●	AL 4791
380	4,4	3,2	80	PH06	72	16°	TCG		TLH05.380P.0001	●	AL 4791
380	4,8	3,5	60	PH03	72	16°	TCG	HOLZMA	TLH05.380H.0001	●	AL 5237

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4



Lame TCT per macchine sezionatrici industriali

Panel sizing TCT saw blades for industrial sizing machines

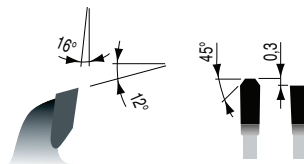
TLH05/1

Caratteristiche tecniche | Technical features

Angoli | Angles: 16° / 12°

Altezza placchetta | Tip dimension: 10 mm

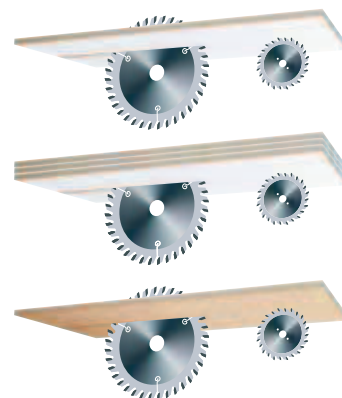
Metallo duro | Carbide Grade: KCR05+



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Macchine / Machines	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
400	4,4	3,2	30	PH01	60	16°	TCG	UNIV.	TLH05.400A.0001	●	AL 3897
400	4,4	3,2	75	PH05	60	16°	TCG	GIBEN - HOMAG	TLH05.400N.0001	●	AL 3897
400	4,4	3,2	80	PH06	60	16°	TCG		TLH05.400P.0001	●	AL 3897
400	4,4	3,2	30	PH01	72	16°	TCG	UNIV.	TLH05.400A.0002	●	AL 4372
400	4,4	3,2	60	PH03	72	16°	TCG	ANTHON	TLH05.400H.0002	●	AL 3897
400	4,4	3,2	65	PH04	72	16°	TCG	SELCO	TLH05.400L.0001	●	AL 4651
400	4,4	3,2	75	PH05	72	16°	TCG	GIBEN - HOMAG	TLH05.400N.0002	●	AL 4372
400	4,4	3,2	80	PH06	72	16°	TCG		TLH05.400P.0002	●	AL 4372
400	4,8	3,5	60	PH03	72	16°	TCG	HOLZMA	TLH05.400H.0001	●	AL 5824
420	4,4	3,2	80	PH06	72	16°	TCG		TLH05.420P.0001	●	AL 5405
420	4,8	3,5	60	PH03	72	16°	TCG	HOLZMA	TLH05.420H.0001	●	AL 5824
430	4,4	3,2	65	PH04	72	16°	TCG	SELCO	TLH05.430L.0001	●	AL 5670
430	4,4	3,2	75	PH05	72	16°	TCG	GIBEN	TLH05.430N.0001	●	AL 5168
430	4,4	3,2	80	PH06	72	16°	TCG		TLH05.430P.0001	●	AL 5168
430	4,8	3,5	70		72	16°	TCG		TLH05.430M.0001	●	AL 6075
450	4,4	3,2	30	PH01	72	16°	TCG	SCHELLING	TLH05.450A.0001	●	AL 5251
450	4,4	3,2	60	PH03	72	16°	TCG	ANTHON - HOLZMA	TLH05.450H.0002	●	AL 5503
450	4,4	3,2	75	PH05	72	16°	TCG	MACMAZZA	TLH05.450N.0001	●	AL 5503
450	4,4	3,2	80	PH06	72	16°	TCG		TLH05.450P.0001	●	AL 5251
450	4,8	3,5	60	PH03	72	16°	TCG	HOLZMA	TLH05.450H.0001	●	AL 6075
450	4,8	3,5	80	PH06	72	16°	TCG		TLH05.450P.0002	●	AL 6075
460	4,4	3,2	30	PH01	72	16°	TCG	SCHELLING	TLH05.460A.0001	●	AL 5964
470	4,4	3,2	70		72	16°	TCG	SELCO	TLH05.470M.0001	●	AL 6117
470	4,4	3,2	75	PH05	72	16°	TCG	GIBEN	TLH05.470N.0001	●	AL 5824
470	4,4	3,2	75	PH05	96	16°	TCG	GIBEN	TLH05.470N.0002	●	AL 6816
480	4,4	3,2	30	PH01	72	16°	TCG	SCHELLING	TLH05.480A.0001	●	AL 5964
500	4,8	3,5	60	PH03	60	16°	TCG	HOLZMA	TLH05.500H.0001	●	AL 6006
500	4,8	3,5	60	PH03	72	16°	TCG	HOLZMA	TLH05.500H.0002	●	AL 6480
520	4,8	3,5	70		72	16°	TCG	SELCO	TLH05.520M.0001	●	AL 7626
550	5,2	3,5	40		60	16°	TCG	SCHELLING	TLH05.550C.0001	●	AL 7235
570	4,8	3,5	60	PH03	60	16°	TCG	HOLZMA	TLH05.570H.0001	●	AL 8352

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4



TLH05/2

Lame TCT extra silenziate cromate per macchine sezionatrici verticali Extra low noise chrome-plated panel sizing TCT saw blades for vertical sizing machines

Adatte per macchine sezionatrici verticali. Denti alterni concavi positivi. Indicate per seghe da banco e macchine sezionatrici verticali per il taglio di pannelli bilaminati senza l'utilizzo della lama incisore.

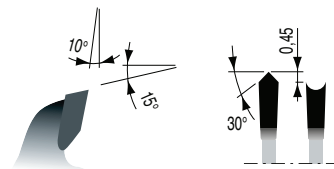
Suitable for vertical panel sizing machines. With hollow/inverted V and flat teeth with positive angle. Suitable for table and vertical dividing sawing machines for cutting plastic laminated panels without the scoring sawblade.

Caratteristiche tecniche | Technical features

Angoli | Angles: 10° / 15°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: KCR06



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	48	10°	HDF	TLH05.250A.C001	●	AL 2863
303	3,2	2,2	30	PH01	60	10°	HDF	TLH05.303A.C001	●	AL 3324

Altre misure disponibili su richiesta | Other dimensions available on request
● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Extra silenziate /
Extra low noise

TLH05/3

Lame TCT con taglienti concavi per macchine sezionatrici verticali Panel sizing TCT with hollow/inverted tooth for vertical sizing machines

Adatte per macchine sezionatrici verticali. Denti alterni concavi positivi. Indicate per seghe da banco e macchine sezionatrici verticali per il taglio di pannelli bilaminati senza l'utilizzo della lama incisore.

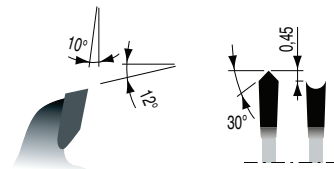
Suitable for vertical panel sizing machines. With hollow/inverted V and flat teeth with positive angle. Suitable for table and vertical dividing sawing machines for cutting plastic laminated panels without the scoring sawblade.

Caratteristiche tecniche | Technical features

Angoli | Angles: 10° / 12°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: KCR06



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
220	3,2	2,2	30	PH01	42	10°	HDF	TLH05.220A.0001	●	AL 2654
250	3,2	2,2	30	PH01	48	10°	HDF	TLH05.250A.0001	●	AL 2696
300	3,2	2,2	30	PH01	60	10°	HDF	TLH05.300A.0003	●	AL 3045
303	3,2	2,2	30	PH01	60	10°	HDF	TLH05.303A.0001	●	AL 3394
350	3,5	2,5	30	PH01	72	10°	HDF	TLH05.350A.0003	●	AL 4050

Altre misure disponibili su richiesta | Other dimensions available on request
● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Lame TCT extra silenziate cromate per macchine sezionatrici industriali

Extra low noise chrome-plated panel sizing TCT saw blades for industrial sizing machines

Dente alterno piatto trapezoidale con angolo positivo di taglio. Indicate per sezionare e squadrare pannelli truciolari singoli o in pacco, in MDF, bilaminati, impiallacciati e in fibra dura.

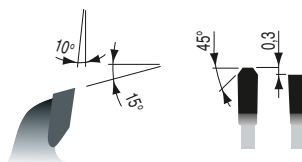
Triple chip-flat toothing with positive cutting angle. Suitable for dividing and sizing veneered and plastic laminated chipboards, single or stacked panels.

Caratteristiche tecniche | Technical features

Angoli | Angles: 10° / 15°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: KCR05+



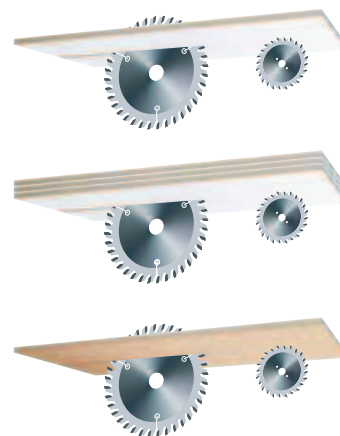
Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Macchine / Machines	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
320	4,4	3,2	65	2/9/110	72	10°	TCG	SELCO	TLH05.320L.C001	●	AL 4581
350	4,4	3,2	30	PH01	72	10°	TCG	PANHANS - SCHEER	TLH05.350A.C001	●	AL 5028
380	4,4	3,2	60	2/14/100	72	10°	TCG	HOLZMA	TLH05.380H.C001	●	AL 5810
400	4,4	3,2	80	PH06	72	10°	TCG	SELCO	TLH05.400P.C001	●	AL 5908
450	4,8	3,5	60	PH03	72	10°	TCG	HOLZMA	TLH05.450H.C001	●	AL 7961

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

TLH05/4

ESPERIA



Extra silenziate /
Extra low noise



TLH06/1

Lame TCT silenziate per il taglio di metalli non ferrosi - taglienti negativi Low noise TCT saw blades for non-ferrous materials - negative angle

Adatte per il taglio di profilati in alluminio e/o metalli non ferrosi.

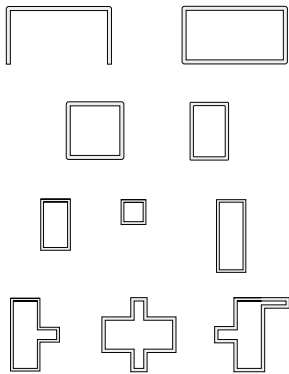
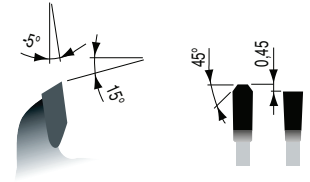
Suitable for cutting aluminium and non-ferrous profiles.

Caratteristiche tecniche | Technical features

Angoli | Angles: -5° / 15°

Altezza placchetta | Tip dimension: 8 mm

Metallo duro | Carbide Grade: K10



Silenziate /
Low noise



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
200	3,2	2,5	20		64	-5°	TCG	TLH06.200E.0001	●	AL 2263
250	3,4	2,6	30	2/11/63	60	-5°	TCG	TLH06.250A.0001	●	AL 2165
250	3,4	2,6	32	2/11/63	60	-5°	TCG	TLH06.250F.0001	●	AL 2165
250	3,4	2,6	30	2/11/63	80	-5°	TCG	TLH06.250A.0002	●	AL 2123
250	3,4	2,6	32	2/11/63	80	-5°	TCG	TLH06.250F.0002	●	AL 2123
300	3,4	2,6	30	2/11/63	72	-5°	TCG	TLH06.300A.0001	●	AL 2277
300	3,4	2,6	32	2/11/63	72	-5°	TCG	TLH06.300F.0001	●	AL 2277
300	3,4	2,6	30	2/11/63	84	-5°	TCG	TLH06.300A.0005	●	AL 2709
300	3,4	2,6	32	2/11/63	84	-5°	TCG	TLH06.300F.0005	●	AL 2709
300	3,4	2,6	30	2/11/63	96	-5°	TCG	TLH06.300A.0002	●	AL 2612
300	3,4	2,6	32	2/11/63	96	-5°	TCG	TLH06.300F.0002	●	AL 2612
350	3,4	2,6	30	2/11/63	84	-5°	TCG	TLH06.350A.0001	●	AL 2947
350	3,4	2,6	32	2/11/63	84	-5°	TCG	TLH06.350F.0001	●	AL 2947
350	3,4	2,6	30	2/11/63	96	-5°	TCG	TLH06.350A.0005	●	AL 3184
350	3,4	2,6	32	2/11/63	96	-5°	TCG	TLH06.350F.0005	●	AL 3184
350	3,4	2,6	30	2/11/63	108	-5°	TCG	TLH06.350A.0002	●	AL 3017
350	3,4	2,6	32	2/11/63	108	-5°	TCG	TLH06.350F.0002	●	AL 3017
400	4,0	3,2	30	2/11/63	96	-5°	TCG	TLH06.400A.0001	●	AL 3589
400	4,0	3,2	32	2/11/63	96	-5°	TCG	TLH06.400F.0001	●	AL 3589
400	4,0	3,2	30	2/11/63	108	-5°	TCG	TLH06.400A.0002	●	AL 3757
400	4,0	3,2	32	2/11/63	108	-5°	TCG	TLH06.400F.0002	●	AL 3757
400	4,0	3,2	30	2/11/63	120	-5°	TCG	TLH06.400A.0003	●	AL 4064
400	4,0	3,2	32	2/11/63	120	-5°	TCG	TLH06.400F.0003	●	AL 4064
450	4,0	3,2	30	2/11/63	96	-5°	TCG	TLH06.450A.0005	●	AL 4274
450	4,0	3,2	32	2/11/63	96	-5°	TCG	TLH06.450F.0005	●	AL 4274
450	4,0	3,2	30	2/11/63	108	-5°	TCG	TLH06.450A.0001	●	AL 4455
450	4,0	3,2	32	2/11/63	108	-5°	TCG	TLH06.450F.0001	●	AL 4455
450	4,0	3,2	30	2/11/63	128	-5°	TCG	TLH06.450A.0002	●	AL 4804
450	4,0	3,2	32	2/11/63	128	-5°	TCG	TLH06.450F.0002	●	AL 4804
500	4,6	3,6	30	2/11/63	120	-5°	TCG	TLH06.500A.0001	●	AL 6369
500	4,6	3,6	32	2/11/63	120	-5°	TCG	TLH06.500F.0001	●	AL 6369
500	4,6	3,6	30	2/11/63	140	-5°	TCG	TLH06.500A.0002	●	AL 8450
550	4,6	3,6	30	2/11/63	140	-5°	TCG	TLH06.550A.0001	●	AL 9204
550	4,6	3,6	30	2/11/63	172	-5°	TCG	TLH06.550A.0002	●	AL 11732
600	4,6	3,6	30	2/11/63	140	-5°	TCG	TLH06.600A.0001	●	AL 10740
600	4,6	3,6	30	2/11/63	186	-5°	TCG	TLH06.600A.0003	●	AL 13687

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Lame TCT silenziate per il taglio di metalli non ferrosi - taglienti positivi

Low noise TCT saw blades for non-ferrous materials - positive angle

Indicate per il taglio di sezioni piene in alluminio e/o altri metalli non ferrosi.

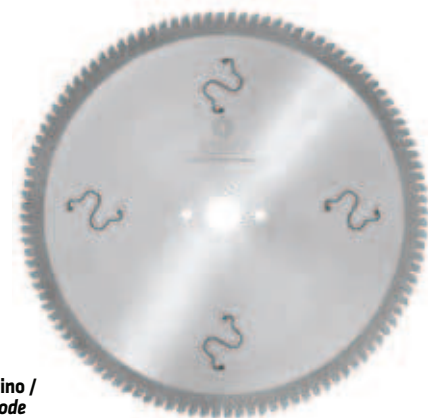
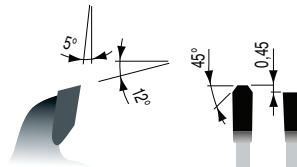
Suitable for cutting full sections in aluminium or non-ferrous solid materials.

Caratteristiche tecniche | Technical features

Angoli | Angles: 5° / 12°

Altezza placchetta | Tip dimension: 8 mm

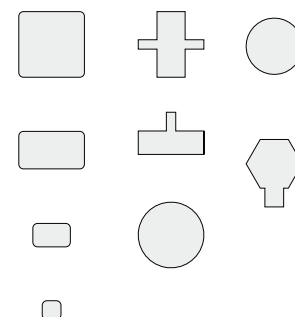
Metallo duro | Carbide Grade: K10



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
200	3,2	2,5	20		64	5°	TCG	TLH06.200E.0002	●	AL 2263
250	3,4	2,6	30	2/11/63	60	5°	TCG	TLH06.250A.0003	●	AL 2165
250	3,4	2,6	32	2/11/63	60	5°	TCG	TLH06.250F.0003	●	AL 2165
250	3,4	2,6	30	2/11/63	80	5°	TCG	TLH06.250A.0004	●	AL 2123
250	3,4	2,6	32	2/11/63	80	5°	TCG	TLH06.250F.0004	●	AL 2123
300	3,4	2,6	30	2/11/63	72	5°	TCG	TLH06.300A.0003	●	AL 2277
300	3,4	2,6	32	2/11/63	72	5°	TCG	TLH06.300F.0003	●	AL 2277
300	3,4	2,6	30	2/11/63	84	5°	TCG	TLH06.300A.0006	●	AL 2709
300	3,4	2,6	32	2/11/63	84	5°	TCG	TLH06.300F.0006	●	AL 2709
300	3,4	2,6	30	2/11/63	96	5°	TCG	TLH06.300A.0004	●	AL 2612
300	3,4	2,6	32	2/11/63	96	5°	TCG	TLH06.300F.0004	●	AL 2612
350	3,4	2,6	30	2/11/63	84	5°	TCG	TLH06.350A.0003	●	AL 2947
350	3,4	2,6	32	2/11/63	84	5°	TCG	TLH06.350F.0003	●	AL 2947
350	3,4	2,6	30	2/11/63	96	5°	TCG	TLH06.350A.0006	●	AL 3184
350	3,4	2,6	32	2/11/63	96	5°	TCG	TLH06.350F.0006	●	AL 3184
350	3,4	2,6	30	2/11/63	108	5°	TCG	TLH06.350A.0004	●	AL 3017
350	3,4	2,6	32	2/11/63	108	5°	TCG	TLH06.350F.0004	●	AL 3017
400	4,0	3,2	30	2/11/63	96	5°	TCG	TLH06.400A.0004	●	AL 3589
400	4,0	3,2	32	2/11/63	96	5°	TCG	TLH06.400F.0004	●	AL 3589
400	4,0	3,2	30	2/11/63	108	5°	TCG	TLH06.400A.0005	●	AL 3757
400	4,0	3,2	32	2/11/63	108	5°	TCG	TLH06.400F.0005	●	AL 3757
400	4,0	3,2	30	2/11/63	120	5°	TCG	TLH06.400A.0006	●	AL 4064
400	4,0	3,2	32	2/11/63	120	5°	TCG	TLH06.400F.0006	●	AL 4064
450	4,0	3,2	30	2/11/63	96	5°	TCG	TLH06.450A.0006	●	AL 4274
450	4,0	3,2	32	2/11/63	96	5°	TCG	TLH06.450F.0006	●	AL 4274
450	4,0	3,2	30	2/11/63	108	5°	TCG	TLH06.450A.0003	●	AL 4455
450	4,0	3,2	32	2/11/63	108	5°	TCG	TLH06.450F.0003	●	AL 4455
450	4,0	3,2	30	2/11/63	128	5°	TCG	TLH06.450A.0004	●	AL 4804
450	4,0	3,2	32	2/11/63	128	5°	TCG	TLH06.450F.0004	●	AL 4804
450	4,0	3,2	30	2/11/63	140	5°	TCG	TLH06.450A.0007	●	AL 7207
500	4,0	3,2	32	2/11/63	120	3°	TCG	TLH06.500F.0005	●	AL 5726
500	4,6	3,6	30	2/11/63	120	5°	TCG	TLH06.500A.0003	●	AL 6369
500	4,6	3,6	32	2/11/63	120	5°	TCG	TLH06.500F.0003	●	AL 6369
500	4,6	3,6	30	2/11/63	140	5°	TCG	TLH06.500A.0004	●	AL 8450
550	4,6	3,6	30	2/11/63	120	5°	TCG	TLH06.550A.0003	●	AL 9399
550	4,6	3,6	30	2/11/63	140	5°	TCG	TLH06.550A.0004	●	AL 10154
600	4,6	3,6	30	2/11/63	140	5°	TCG	TLH06.600A.0002	●	AL 12081

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4



Silenziate /
Low noise



TLH06/3

**Lame TCT extra silenziate cromate per il taglio di metalli non ferrosi
- taglienti negativi**

**Extra low noise chrome plated-TCT saw blades for non-ferrous metals
- negative angle**

Adatte per il taglio di profilati in alluminio e/o metalli non ferrosi su macchine troncatrici con bloccaggio manuale o meccanico del pezzo. Si consiglia l'uso con la lama sopra al pezzo da tagliare.

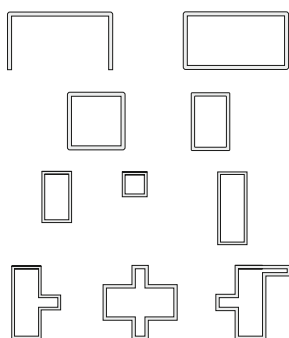
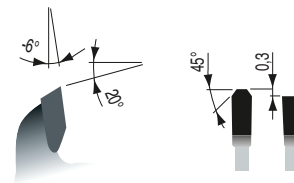
Suitable for cutting aluminium and non-ferrous profiles on miter saws with manual or mechanical clamping of the piece. Use with the saw blade over the workpiece to be cut is recommended.

Caratteristiche tecniche | Technical features

Angoli | Angles: -6° / 20°

Altezza placchetta | Tip dimension: 8 mm

Metallo duro | Carbide Grade: K10



Extra silenziate /
Extra low noise

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
250	3,5	3,0	30	PH01	80	-6°	TCG	TLH06.250A.C001	●	AL 3212
300	3,5	3,0	30	PH01	96	-6°	TCG	TLH06.300A.C001	●	AL 3743
350	3,5	3,0	30	PH01	108	-6°	TCG	TLH06.350A.C001	●	AL 4581

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

TLH06/4

**Lame TCT extra silenziate cromate per il taglio di metalli non ferrosi
- taglienti positivi**

**Extra low noise chrome plated-TCT saw blades for non-ferrous metals
- positive angle**

Adatte per il taglio di sezioni piene in alluminio e/o altri metalli non ferrosi su macchine troncatrici singole o doppie con bloccaggio meccanico del pezzo.

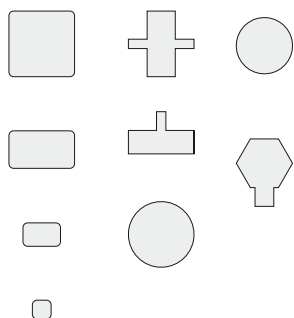
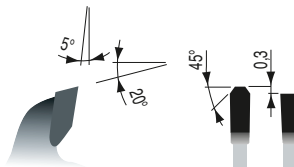
Suitable for cutting full sections in aluminium or non-ferrous solid materials on single or double miter saws with mechanical clamping of the piece.

Caratteristiche tecniche | Technical features

Angoli | Angles: 5° / 20°

Altezza placchetta | Tip dimension: 8 mm

Metallo duro | Carbide Grade: K10



Extra silenziate /
Extra low noise

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
250	3,5	3,0	30	PH01	80	5°	TCG	TLH06.250A.C002	●	AL 3212
300	3,5	3,0	30	PH01	96	5°	TCG	TLH06.300A.C002	●	AL 3743
350	3,5	3,0	30	PH01	108	5°	TCG	TLH06.350A.C002	●	AL 4581

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Lame TCT dry-cut

TCT dry-cut saw blades

Indicate per il taglio a secco di acciaio e metalli ferrosi. Non indicate per il taglio di acciaio inox.

For dry cutting steel and other ferrous materials. Not suitable for cutting stainless steel.

Caratteristiche tecniche | Technical features

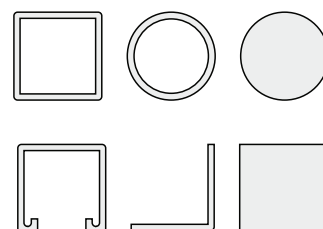
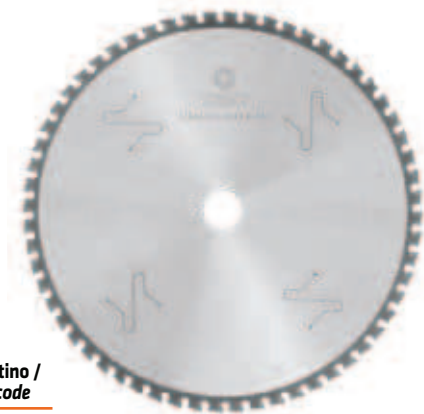
Altezza placchetta | Tip dimension: 8 mm

Metallo duro | Carbide Grade: SMX

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
150	2,2	1,6	20	30	8°	WZ	TLH08.150E.0001	●	AL 1089
160	2,2	1,6	20	30	8°	WZ	TLH08.160E.0001	●	AL 1117
180	2,2	1,6	30	34	8°	WZ	TLH08.180A.0001	●	AL 1187
190	2,2	1,6	30	38	8°	WZ	TLH08.190A.0001	●	AL 1271
190	2,2	1,8	30	48	0°	FWF	TLH08.190A.0002	●	AL 1648
200	2,2	1,8	30	40	8°	WZ	TLH08.200A.0001	●	AL 1397
210	2,2	1,8	30	40	0°	FWF	TLH08.210A.0001	●	AL 1397
210	2,2	1,8	30	54	8°	WZ	TLH08.210A.0002	●	AL 1732
230	2,2	1,8	30	44	0°	FWF	TLH08.230A.0001	●	AL 1508
250	2,2	1,8	30	54	8°	WWF	TLH08.250A.0001	●	AL 2193
270	2,2	1,8	30	60	8°	WWF	TLH08.270A.0001	●	AL 2612
300	2,2	1,8	30	60	8°	WWF	TLH08.300A.0001	●	AL 2640
300	2,2	1,8	30	80	8°	WWF	TLH08.300A.0002	●	AL 2947
305	2,2	1,8	25,4	60	8°	WWF	TLH08.305G.0001	●	AL 2654
305	2,2	1,8	25,4	80	8°	WWF	TLH08.305G.0002	●	AL 3226
305	2,2	1,8	30	80	8°	WWF	TLH08.305A.0001	●	AL 2961
350	2,4	2,0	30	80	8°	WWF	TLH08.350A.0001	●	AL 3198
355	2,4	2,0	25,4	72	8°	WWF	TLH08.355G.0001	●	AL 3184
355	2,4	2,0	25,4	90	8°	WWF	TLH08.355G.0002	●	AL 3534
400	3,0	2,5	30	84	8°	WWF	TLH08.400A.0001	●	AL 3617

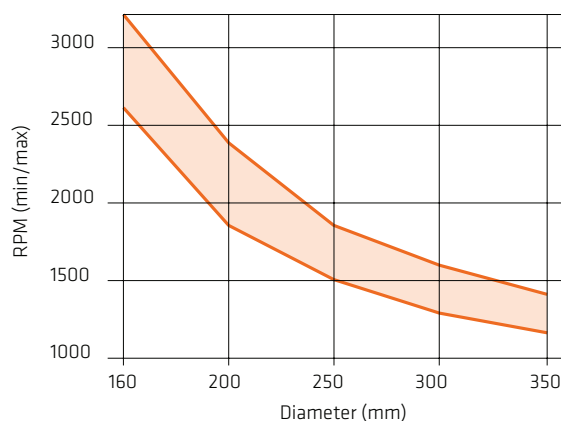
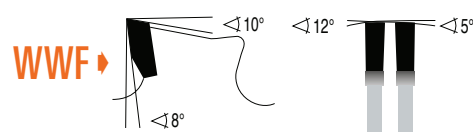
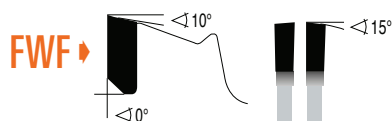
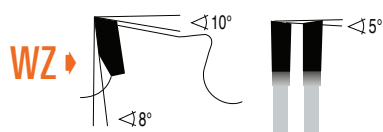
Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4



Fori di trascinamento
Driving Holes

2/10/60 + 2/11/63 + 2/12/64



Adatte sia per macchine dry-cut tradizionali che per segatrici portatili.

Suitable both for typical dry-cutting machines and also for portable saws.

TLH08/2

Lame TCT universali cromate per il taglio di metalli non ferrosi su macchine portatili

Chrome-plated TCT universal circular saw blades for cutting non-ferrous metals on portable machines

Indicate per tutti i tipi di macchine portatili ed elettro-utensili. Particolarmente adatte per il taglio di pannelli bilaminati e profilati in metalli non ferrosi. Angolo di taglio negativo.

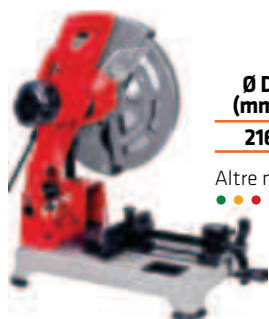
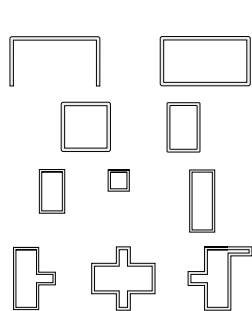
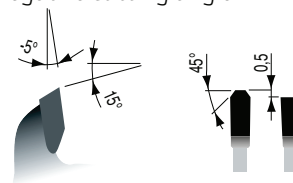
Suitable for all portable machines and power tools. Particularly fit for cutting bilaminated panels and profiles in non-ferrous metals. Negative cutting angle.

Caratteristiche tecniche | Technical features

Angoli | Angles: -5° / 15°

Altezza placchetta | Tip dimension: 6 mm

Metallo duro | Carbide Grade: K10



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	Z	Type	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
216	2,4	1,8	30	64	TCG	TLH08.216A.C001	●	AL 2081

Altre misure disponibili su richiesta | Other dimensions available on request
● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

TLH09/1

Lame TCT universali cromate per macchine portatili

Chrome-plated universal TCT saw blades for portable machines

Indicate per tutti i tipi di macchine portatili ed elettro-utensili. Particolarmente adatte per la lavorazione di legno naturale lungovena.

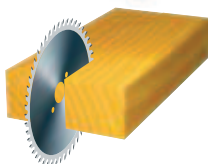
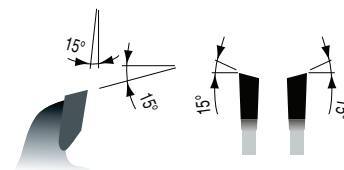
Suitable for all portable machines and power tools. Particularly fit for long grain cutting solid wood.

Caratteristiche tecniche | Technical features

Angoli | Angles: 15° / 15° / 15°

Altezza placchetta | Tip dimension: 6-8 mm

Metallo duro | Carbide Grade: K10



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
160	2,4	1,6	20	2/6/32	12	15°	ATB	TLH09.160E.C001	●	AL 1131
160	2,4	1,6	20	2/6/32	24	15°	ATB	TLH09.160E.C002	●	AL 1215
160	2,4	1,6	20	2/6/42	40	15°	ATB	TLH09.160E.C003	●	AL 1439
180	2,4	1,6	30	2/6/42	24	15°	ATB	TLH09.180A.C001	●	AL 1285
190	2,4	1,6	30	2/6/42	12	15°	ATB	TLH09.190A.C001	●	AL 1201
190	2,4	1,6	30	2/6/42	24	15°	ATB	TLH09.190A.C002	●	AL 1285
190	2,4	1,6	30	2/6/42	40	15°	ATB	TLH09.190A.C003	●	AL 1466
210	2,4	1,6	30	2/6/42	30	15°	ATB	TLH09.210A.C001	●	AL 1480
210	2,4	1,6	30	2/6/42	40	15°	ATB	TLH09.210A.C002	●	AL 1592
216	2,4	1,8	30	2/6/42	48*	15°	ATB	TLH09.216A.C001	●	AL 1830
250	2,8	1,8	30	2/6/42	24	15°	ATB	TLH09.250A.C001	●	AL 1466
250	2,8	1,8	30	2/6/42	40	15°	ATB	TLH09.250A.C002	●	AL 1620
250	2,8	1,8	30	2/6/42	60*	15°	ATB	TLH09.250A.C003	●	AL 1830

* Senza limitatore di truciolo | * Without chip limiter

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

Lama TCT per canali/incastri

Grooving TCT sawblade

Costruite con corpo in acciaio bonificato. Taglienti saldobrasati in HW, Indicate per l'esecuzione di scanalature e incastri su fianchi e/o dorsi di pannelli truciolari o MDF grezzi o rivestiti.

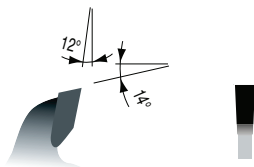
Obtained from hardened and tempered steel. Carbide tip. Used to make grooves. Indicated to cut chipboard or MDF panels coated on both sides.

Caratteristiche tecniche | Technical features

Angoli | Angles: 12° / 14°

Altezza placchetta | Tip dimension: 10 mm

Metallo duro | Carbide Grade: K10



Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	Z	α	Dente / Tooth	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
125	1,5	1,2	30	12	14°	FT	TLH10.125A.1512	●	AL 2137
125	1,8	1,2	30	12	14°	FT	TLH10.125A.1812	●	AL 2095
125	2,0	1,4	30	12	14°	FT	TLH10.125A.2012	●	AL 1676
125	2,5	1,6	30	12	14°	FT	TLH10.125A.2512	●	AL 1760
125	3,0	2,0	30	12	14°	FT	TLH10.125A.3012	●	AL 1494
125	3,5	2,5	30	12	14°	FT	TLH10.125A.3512	●	AL 1634
125	4,0	2,8	30	12	14°	FT	TLH10.125A.4012	●	AL 1704
125	4,5	3,2	30	12	14°	FT	TLH10.125A.4512	●	AL 1885
125	5,0	4,0	30	12	14°	FT	TLH10.125A.5012	●	AL 2011
125	6,0	4,0	30	12	14°	FT	TLH10.125A.6012	●	AL 2095
125	7,0	6,0	30	12	14°	FT	TLH10.125A.7012	●	AL 3268
125	8,0	6,0	30	12	14°	FT	TLH10.125A.8012	●	AL 3589
125	9,0	6,0	30	12	14°	FT	TLH10.125A.9012	●	AL 3939
125	10,0	6,0	30	12	14°	FT	TLH10.125A.10012	●	AL 4246
150	1,5	1,2	30	18	14°	FT	TLH10.150A.1518	●	AL 2444
150	1,8	1,2	30	18	14°	FT	TLH10.150A.1818	●	AL 2402
150	2,0	1,4	30	18	14°	FT	TLH10.150A.2018	●	AL 1913
150	2,5	1,6	30	18	14°	FT	TLH10.150A.2518	●	AL 2011
150	3,0	2,0	30	18	14°	FT	TLH10.150A.3018	●	AL 1704
150	3,5	2,5	30	18	14°	FT	TLH10.150A.3518	●	AL 1858
150	4,0	2,8	30	18	14°	FT	TLH10.150A.4018	●	AL 1941
150	5,0	4,0	30	18	14°	FT	TLH10.150A.5018	●	AL 2304
150	6,0	4,0	30	18	14°	FT	TLH10.150A.6018	●	AL 2402
150	7,0	6,0	30	18	14°	FT	TLH10.150A.7018	●	AL 3743
150	8,0	6,0	30	18	14°	FT	TLH10.150A.8018	●	AL 4106
150	9,0	6,0	30	18	14°	FT	TLH10.150A.9018	●	AL 4511
150	10,0	6,0	30	18	14°	FT	TLH10.150A.10018	●	AL 4944
180	2,0	1,4	30	24	14°	FT	TLH10.180A.2024	●	AL 2123
180	2,5	1,6	30	24	14°	FT	TLH10.180A.2524	●	AL 2235
180	3,0	2,0	30	24	14°	FT	TLH10.180A.3024	●	AL 1899
180	3,5	2,5	30	24	14°	FT	TLH10.180A.3524	●	AL 2053
180	4,0	2,8	30	24	14°	FT	TLH10.180A.4024	●	AL 2151
180	5,0	4,0	30	24	14°	FT	TLH10.180A.5024	●	AL 2556
180	6,0	4,0	30	24	14°	FT	TLH10.180A.6024	●	AL 2668
180	7,0	6,0	30	24	14°	FT	TLH10.180A.7024	●	AL 4176
180	8,0	6,0	30	24	14°	FT	TLH10.180A.8024	●	AL 4581
180	9,0	6,0	30	24	14°	FT	TLH10.180A.9024	●	AL 5028
180	10,0	6,0	30	24	14°	FT	TLH10.180A.10024	●	AL 5517
200	3,0	2,0	30	32	14°	FT	TLH10.200A.3032	●	AL 2249
200	4,0	2,8	30	32	14°	FT	TLH10.200A.4032	●	AL 2556
200	5,0	4,0	30	32	14°	FT	TLH10.200A.5032	●	AL 3045
200	6,0	4,0	30	32	14°	FT	TLH10.200A.6032	●	AL 3170



Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4

TLH10/2

Fresa cromata per incastri

Chrome-plated groove cutter for biscuit jointers

Fresa saldobrasata a taglienti e rasanti riportati in HW per eseguire incastri con fresatrici manuali. Adatta al taglio lungo vena e trasverso vena su legni teneri e duri, multistrato truciolari, MDF e laminati.

HW brazed groove cutter with 6 wings for biscuit jointers. Suitable for standard handheld machines to produce biscuit joints.

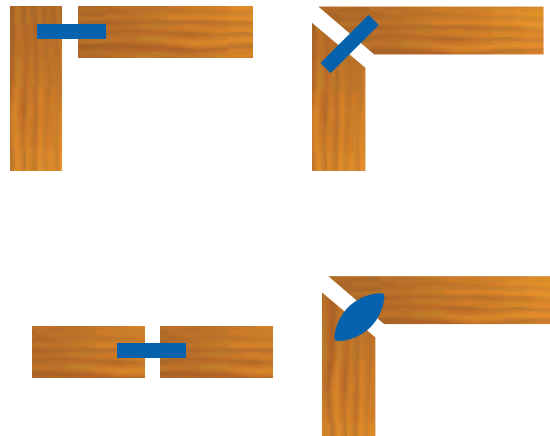
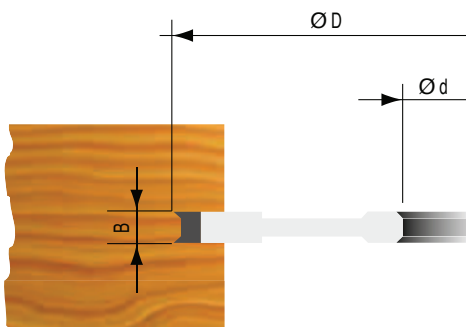
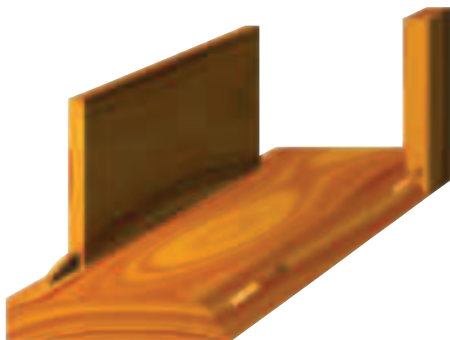
Caratteristiche tecniche | Technical features

Metallo duro | Carbide Grade: K10

Ø D (mm)	B (mm)	Ø d (mm)	Z	Codice art. / Article code	Disp. / Avail.	Cod. listino / Price code
100	4,0	22	6	TLH10.100J.0001	●	AL 880

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 4 | For availability see page 4



This image shows a full-page view of a piece of white paper designed for writing. It features approximately 28 thin, dark grey horizontal lines spaced evenly apart. A large, light-grey watermark is centered on the page, consisting of two overlapping, stylized geometric shapes that resemble the letters 'S' and 'Z'. In the upper right area, above the first few lines, the words "Note · Notes" are printed in a small, orange, sans-serif font.

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Drilling bits

Foratura



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PUNTE SERIE TITANIUM | TITANIUM SERIES DRILLS

6-7

PUNTE PER FORI CIECHI | DRILL BITS FOR BLIND HOLES

Punte componibili per foratrice - foro cieco - cuspidi in HW

Drill bits for boring machines - blind hole - HW carbide tip

TPP01/1 - TPP01/2

8-9

TPP01/3 - TPP01/4

10-11

TPP01/5 - TPP01/6

12-13

TPP01/7

14

Punta in HW integrale per foratrice - foro cieco - TITANIUM

HW Solid carbide drill bit for boring machines - blind hole - TITANIUM

TPP01/8

15

Punta in HW integrale per foratrice - foro cieco - PREMIUM

HW Solid carbide drill bit for boring machines - blind hole - PREMIUM

TPP01/9

16

Punta in HW integrale per foratrice con geometria speciale - foro cieco - LONG LIFE

HW Solid carbide drill bit for boring machines with special geometry - blind hole - LONG LIFE

TPP01/10

17

PUNTE PER FORI PASSANTI | DRILL BITS FOR THROUGH-HOLES

Punte per foratrice - foro passante - cuspidi in HW

Drill bits for boring machines - through-hole - HW carbide tip

TPP02/1 - TPP02/2

18-19

TPP02/3 - TPP02/4

20-21

TPP02/5

22

Punta senza svasatore per foratrice - Foro passante - 4 eliche

Dowel drill bits without countersink for boring machines - Through hole - 4 spirals

TPP02/6

23

Punta in HW integrale per foratrice - foro passante - TITANIUM

HW Solid carbide drill bit for boring machines - through-hole - TITANIUM

TPP02/7

24

Punta in HW integrale per foratrice - foro passante - PREMIUM

HW Solid carbide drill bit for boring machines - through-hole - PREMIUM

TPP02/8

25

PUNTE PER CERNIERE | CYLINDER BORING BITSPunte per cerniere - Z2+2 - TITANIUM | *Cylinder boring bits - Z2+2 - TITANIUM*

TPP03/1

26

Punta per cerniere - Z2+2 - PREMIUM | *Cylinder boring bits - Z2+2 - PREMIUM*

TPP03/2

27

PUNTE A SVASARE | COUNTERSINK DRILLSMandrini svasatori portapunte 45° | *45° Countersink chucks*

TPP05/1

28

Punte con svasatore per foratrice - foro cieco - cuspidi in HW

Drill bits with countersink for boring machines - blind hole - HW carbide tip

TPP05/2

29

Punte con svasatore per foratrice - foro passante - cuspidi in HW

Drill bits with countersink for boring machines - through-hole - HW carbide tip

TPP05/3

30

Svasatori componibili 45° | *45° Countersink*

TPP05/4 - TPP05/5

31

Mandrini per punte componibili | *Reducing chucks for dowel drills*

TAH07/ - TAH07/2

32-33

Legenda Disponibilità/Availability:

- - Articolo disponibile con spedizione da Twt in 5 gg. lavorativi.
- - Article available ex stock with delivery from Twt in 5 working days.
- - Articolo non in stock con spedizione da Twt in 10 gg lavorativi.
- - Article available in short notice and delivery from Twt in 10 working days.
- - Articolo non in stock con spedizione da Twt in 20 gg lavorativi.
- - Article available in medium notice and delivery from Twt in 20 working days.

NB:

- Articoli con rivestimento NaDia la spedizione del materiale è spostata di 5 gg lavorativi rispetto all'articolo non trattato.
- Article with NaDia coating the delivery time should be increased of 5 working days from the standard version.



NaDia

■ DIAMOND COATING SOLUTIONS ■

Uno strato di Diamante che allunga la vita *A layer of Diamond that lengthens life*

-  Elevata durezza, resistenza all'abrasione e all'usura, basso coefficiente d'attrito, scorrevolezza ed antiaderenza
Extreme hardness, frictional resistance, resistance to wear, low frictional coefficient
-  Maggiore produzione (3-4 volte in più dell'inserto non ricoperto)
Production increase (3-4 times more productive than an uncoated insert)
-  Migliore finitura superficiale
Better finishing surface
-  Minore manutenzione (tempo risparmiato per il cambio utensile e minori affilature)
Less maintenance (no more wasted time for changing tools and less grinding operations)



Consigliato nelle lavorazioni di: di legno massello, lamellari, materiali plastici, materiali grafitici, plexiglass, vetroresina e metalli leggeri.

Excellent results can be achieved processing on solid wood, plywood, Plexiglas, plastic and graphitic materials, rubber and fiberglass.



Fig. 1

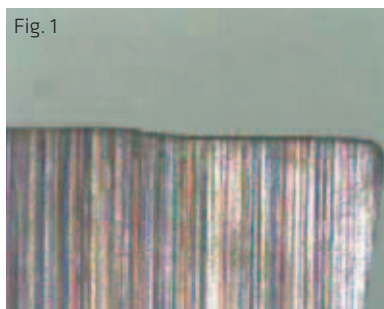
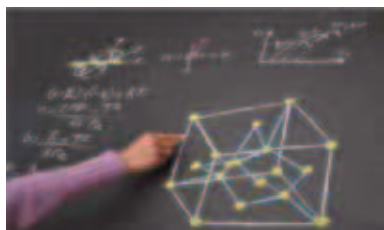
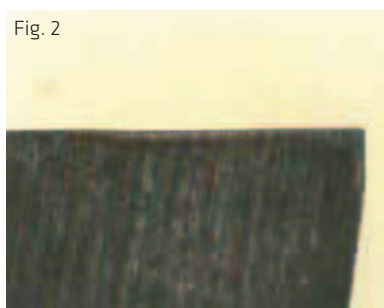


Fig. 2



Cos'è NaDia? | What's NaDia?

Il DLC è un rivestimento innovativo a base di carbonio con ampio spettro di applicazioni che permette di fronteggiare i problemi legati all'abrasione, allo scorrimento e all'aggressione chimica. L'elevata durezza nasce dalla simultanea presenza di carbonio ibridizzato sp² (grafite) e sp³ (diamante).

The DLC is a carbon-based innovative coating with a wide spectrum of applications that allows you to cope with abrasion, sliding, and chemical aggression. The high hardness is due to the simultaneous presence of hybridized carbon sp² (graphite) and sp³ (diamond).

Perché scegliere NaDia? | Why NaDia is your best choice?

Durante la lavorazione, in seguito al prolungato contatto dell'inserto con la superficie lavorata, si innescano dei fenomeni di usura derivanti da azione meccanica (fig. 1). L'arrotondamento del filo tagliente provoca un decadimento della finitura di taglio e quindi minor qualità del manufatto. Conseguenze correlate: maggior sforzo del motore in fase di lavorazione e maggior assorbimento di energia.

During working phases, following the prolonged contact of the insert with the worked surface, the wear phenomenon is caused by mechanical action (fig. 1). The rounding in the top edge of the inserts results in a decay of the cutting finishing and therefore less quality of the product. Related Consequences: Increased engine effort during machining and greater energy absorption.

In fig. 2, a parità di metri lavorati, si nota una minor consumo del filo tagliente. Il vantaggio che la ricopertura NaDia conferisce all'inserto è quello di rallentare notevolmente tutti i normali processi di usura dovuti alla lavorazione. Il coating applicato funge inoltre da scudo protettivo contro il danneggiamento da usura chimica.

Infatti, lavorando materiali con un contenuto di acido tannico (tipo rovere) la smussatura avviene sia per azione meccanica che per azione chimica.

In fig. 2, at equal working meters, you notice a lower consumption of sharp wire. The advantage that NaDia's coating provides for inserts or knives is to greatly slow down all normal wear processes due to working processing. Applied coating layer also acts as a protective shield against chemical damage.

In fact, working over materials with a tannic acid content (oak type) the bevel is done by mechanical action or by chemical action.

I benefici di NaDia | NaDia benefits

I benefici offerti dal trattamento NaDia sono molteplici: si passa da una maggior durata e miglior finitura garantita da un bassissimo coefficiente d'attrito, fino ad arrivare ad una drastica riduzione delle operazioni di manutenzione e cambio inserti. In questo modo i fermi macchina sono notevolmente ridotti. La resa del tagliente supera in percentuale il 250% arrivando anche a valori del 300% azzerando i costi di manutenzione.

Many are the benefits of NaDia treatment: it goes from a longer life and better finish with a very low friction coefficient to a drastic reduction in maintenance and inserts/knives changes. In this way the machine stops are considerably reduced. The yield of the cutting edge exceeds 250% by 300%, thus allowing a considerable decreasing the maintenance costs.

Industrial-Line professional drill bits

Punte foratura Industrial-Line

Quality that makes the difference / *Qualità che fa la differenza*



 **BODY IN STEEL WITH HIGH MECHANICAL RESISTANCE**
Corpo in acciaio ad elevata resistenza meccanica

 **HIGH QUALITY HW SOLID CARBIDE TIP**
Cuspide in HW integrale di alta qualità

 **COATED BY FLORINE-CARBONIC RESIN FOR BETTER CHIP REMOVAL**
Rivestimento in resina fluorocarbonica PTFE per una migliore evacuazione del truciolo

 **GROUND SHANK WITH FLAT AND SCREW**
Attacco cilindrico rettificato con piano di fissaggio e vite di regolazione

 **RUN-OUT AND TIGHT TOLERANCES TO OBTAIN MAXIMUM PRECISION AND FINISHING OF THE HOLE**
RUN-OUT e tolleranze strette per ottenere massima precisione e finitura del foro

 **HIGH CONCENTRICITY BETWEEN SHANK AND DRILLING DIAMETER**
Elevata concentricità tra gambo e diametro di foratura

 **HIGH QUALITY AND CONSTANT DRILLING FOR MAXIMUM WASTE REDUCTION**
Alta qualità e costanza di foratura per una massima riduzione degli scarti

 **RADIUS SPURS OPTION FOR BETTER HOLE QUALITY**
Opzione rasanti raggiati per una migliore qualità del foro

 **WIDE RANGE OF DRILLING BITS FOR ANY NEED AND INDUSTRIAL APPLICATION**
Ampia gamma di punte foratrici per qualsiasi esigenza e applicazione Industriale



High-Performance Line HW solid carbide drill bits

Punte foratura in HW integrale High-Performance

High level of precision and performance / *Performances e precisione ad alti livelli*



 SOLID HW CARBIDE BODY AND SHANK IN STEEL WITH A HIGH MECHANICAL RESISTANCE

Corpo in HW integrale con attacco in acciaio ad alta resistenza meccanica

 GROUND SHANK WITH FLAT AND SCREW

Attacco cilindrico rettificato con piano di fissaggio e vite di regolazione

 COATED BY FLORINE-CARBONIC RESIN FOR BETTER CHIP REMOVAL

Rivestimento in resina fluorocarbonica PTFE per una migliore evacuazione del truciolo



 RUN-OUT AND TIGHT TOLERANCES TO OBTAIN MAXIMUM PRECISION AND FINISHING OF THE HOLE

RUN-OUT e tolleranze strette per ottenere massima precisione e finitura del foro

 HEAT SHRINKING BETWEEN HW SOLID CARBIDE BODY AND STEEL SHANK TO GUARANTEE EVEN TIGHTER TOLERANCES

Calettamento a caldo del corpo in HW integrale e attacco in acciaio per garantire tolleranze ancora più strette

 OPTION OF NADIA COATING DLC TO INCREASE THE LIFE TIME AND PERFORMANCES

Possibilità di eseguire rivestimento NaDia per una migliore durata



TPP01/1

HW | Z=2



Punte per foratrice - Foro cieco - 4 eliche - Ras. neg. - Titanium

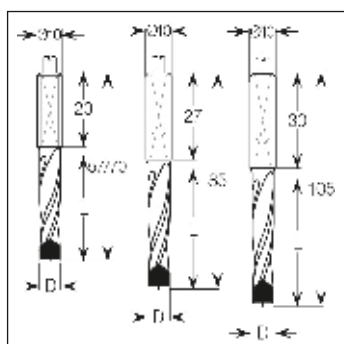
Drill bits for boring machines - Blind hole - 4 spirals - Neg. spurs - Titanium

Serie Titanium. Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti e 2 rasanti e centrino. Corpo con 4 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili.

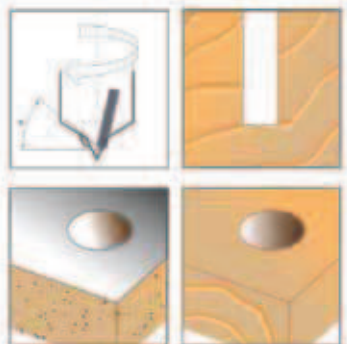
Titanium series. Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth and 2 spurs and centre point. Body with 4 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make blind holes on wood, laminated and similar.

LT 57,5 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
4	27	57,5	10x20	2	TPP01.0428.R58T	●	TPP01.0428.L58T	●	AP 360
5	30	57,5	10x20	2	TPP01.0530.R58T	●	TPP01.0530.L58T	●	AP 313
6	30	57,5	10x20	2	TPP01.0630.R58T	●	TPP01.0630.L58T	●	AP 327
7	30	57,5	10x20	2	TPP01.0730.R58T	●	TPP01.0730.L58T	●	AP 352
8	30	57,5	10x20	2	TPP01.0830.R58T	●	TPP01.0830.L58T	●	AP 344
9	30	57,5	10x20	2	TPP01.0930.R58T	●	TPP01.0930.L58T	●	AP 383
10	30	57,5	10x20	2	TPP01.1030.R58T	●	TPP01.1030.L58T	●	AP 374
12	30	57,5	10x20	2	TPP01.1230.R58T	●	TPP01.1230.L58T	●	AP 439
14	30	57,5	10x20	2	TPP01.1430.R58T	●	TPP01.1430.L58T	●	AP 679
15	30	57,5	10x20	2	TPP01.1530.R58T	●	TPP01.1530.L58T	●	AP 718
16	30	57,5	10x20	2	TPP01.1630.R58T	●	TPP01.1630.L58T	●	AP 735



Affilatura con incisore negativo
Sharpening with negative spurs



LT 70 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
4	40	70	10x20	2	TPP01.0440.R70T	●	TPP01.0440.L70T	●	AP 383
5	43	70	10x20	2	TPP01.0543.R70T	●	TPP01.0543.L70T	●	AP 318
6	43	70	10x20	2	TPP01.0643.R70T	●	TPP01.0643.L70T	●	AP 352
7	43	70	10x20	2	TPP01.0743.R70T	●	TPP01.0743.L70T	●	AP 369
8	43	70	10x20	2	TPP01.0843.R70T	●	TPP01.0843.L70T	●	AP 335
9	43	70	10x20	2	TPP01.0943.R70T	●	TPP01.0943.L70T	●	AP 408
10	43	70	10x20	2	TPP01.1043.R70T	●	TPP01.1043.L70T	●	AP 391
12	43	70	10x20	2	TPP01.1243.R70T	●	TPP01.1243.L70T	●	AP 447
14	43	70	10x20	2	TPP01.1443.R70T	●	TPP01.1443.L70T	●	AP 288
15	43	70	10x20	2	TPP01.1543.R70T	●	TPP01.1543.L70T	●	AP 757
16	43	70	10x20	2	TPP01.1643.R70T	●	TPP01.1643.L70T	●	AP 796

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Punte per foratrice - Foro cieco - 4 eliche - Ras. neg. - Titanium

Drill bits for boring machines - Blind hole - 4 spirals - Neg. spurs - Titanium

Serie Titanium. Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti e 2 rasanti e centrino. Corpo con 4 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili.

Titanium series. Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth and 2 spurs and centre point. Body with 4 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make blind holes on wood, laminated and similar.

TPP01/2

HW | Z=2



LT 55,5 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	30	55,5	8x20	2	TPP01.0530.R55T	●	TPP01.0530.L55T	●	AP 291
6	30	55,5	8x20	2	TPP01.0630.R55T	●	TPP01.0630.L55T	●	AP 330
7	30	55,5	8x20	2	TPP01.0730.R55T	●	TPP01.0730.L55T	●	AP 377
8	30	55,5	8x20	2	TPP01.0830.R55T	●	TPP01.0830.L55T	●	AP 338
9	30	55,5	8x20	2	TPP01.0930.R55T	●	TPP01.0930.L55T	●	AP 405
10	30	55,5	8x20	2	TPP01.1030.R55T	●	TPP01.1030.L55T	●	AP 383
12	30	55,5	8x20	2	TPP01.1230.R55T	●	TPP01.1230.L55T	●	AP 436

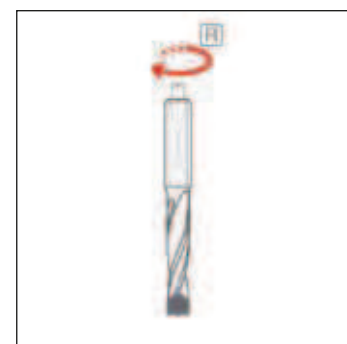
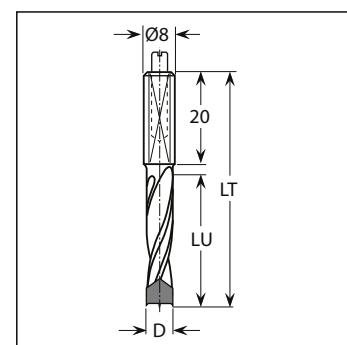
LT 67 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	40	67	8x20	2	TPP01.0540.R67T	●	TPP01.0540.L67T	●	AP 316
6	40	67	8x20	2	TPP01.0640.R67T	●	TPP01.0640.L67T	●	AP 338
7	40	67	8x20	2	TPP01.0740.R67T	●	TPP01.0740.L67T	●	AP 383
8	40	67	8x20	2	TPP01.0840.R67T	●	TPP01.0840.L67T	●	AP 346
9	40	67	8x20	2	TPP01.0940.R67T	●	TPP01.0940.L67T	●	AP 430
10	40	67	8x20	2	TPP01.1040.R67T	●	TPP01.1040.L67T	●	AP 399
12	40	67	8x20	2	TPP01.1240.R67T	●	TPP01.1240.L67T	●	AP 444

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Pannello truciolare / Chipboard

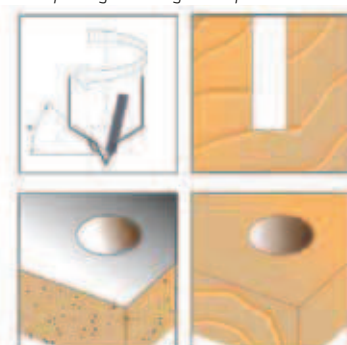
RPM	Avanz. / Feed speed
3000	1 m/min.
4000	1,5 m/min.
5000	2 m/min.
6000	2,5 m/min.
8000	4 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
3000	0,7 m/min.
4000	1 m/min.
5000	1,5 m/min.
6000	1,8 m/min.
8000	2,5 m/min.

Dati indicativi / Datas are indicative only

Affilatura con incisore negativo
Sharpening with negative spurs



TPP01/3

HW | Z=2



Punte per foratrice - Foro cieco - 2 eliche - Ras. neg. - Titanium

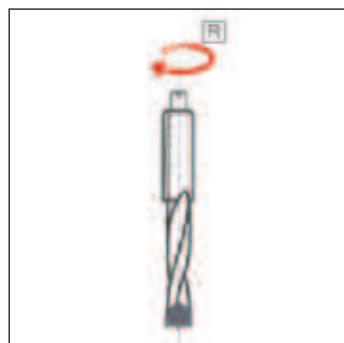
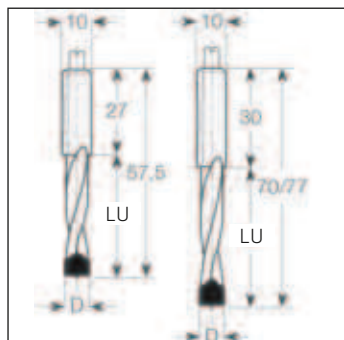
Drill bits for boring machines - Blind hole - 2 spirals - Neg. spurs - Titanium

Serie Titanium. Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti e 2 rasanti e centrino. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili.

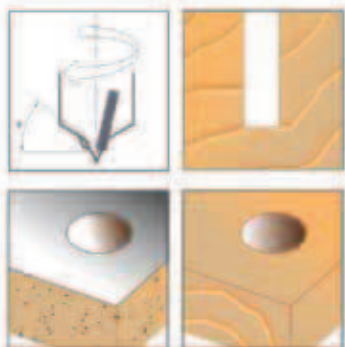
Titanium series. Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth and 2 spurs and centre point. Body with 2 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make blind holes on wood, laminated and similar.

LT 57,5 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
4	27	57,5	10x27	2	TPP01.0427.R58T	●	TPP01.0427.L58T	●	AP 344
5	27	57,5	10x27	2	TPP01.0527.R58T	●	TPP01.0527.L58T	●	AP 288
6	27	57,5	10x27	2	TPP01.0627.R58T	●	TPP01.0627.L58T	●	AP 296
6,35	27	57,5	10x27	2	TPP01.0627.R002	●	TPP01.0627.L002	●	AP 360
7	27	57,5	10x27	2	TPP01.0727.R58T	●	TPP01.0727.L58T	●	AP 318
8	27	57,5	10x27	2	TPP01.0827.R58T	●	TPP01.0827.L58T	●	AP 313
9	27	57,5	10x27	2	TPP01.0927.R58T	●	TPP01.0927.L58T	●	AP 352
9,53	27	57,5	10x27	2	TPP01.0927.R002	●	TPP01.0927.L002	●	AP 391
10	27	57,5	10x27	2	TPP01.1027.R58T	●	TPP01.1027.L58T	●	AP 344
11	27	57,5	10x27	2	TPP01.1127.R58T	●	TPP01.1127.L58T	●	AP 408
12	27	57,5	10x27	2	TPP01.1227.R58T	●	TPP01.1227.L58T	●	AP 399
12,7	27	57,5	10x27	2	TPP01.1227.R002	●	TPP01.1227.L002	●	AP 550
14	27	57,5	10x27	2	TPP01.1427.R58T	●	TPP01.1427.L58T	●	AP 623
15	27	57,5	10x27	2	TPP01.1527.R58T	●	TPP01.1527.L58T	●	AP 701
16	27	57,5	10x27	2	TPP01.1627.R58T	●	TPP01.1627.L58T	●	AP 701



Affilatura con incisore negativo
Sharpening with negative spurs



LT 70 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
4	30	70	10x30	2	TPP01.0430.R70T	●	TPP01.0430.L70T	●	AP 360
5	35	70	10x30	2	TPP01.0535.R70T	●	TPP01.0535.L70T	●	AP 313
6	35	70	10x30	2	TPP01.0635.R70T	●	TPP01.0635.L70T	●	AP 318
6,35	35	70	10x30	2	TPP01.0635.R002	●	TPP01.0635.L002	●	AP 383
7	35	70	10x30	2	TPP01.0735.R70T	●	TPP01.0735.L70T	●	AP 344
8	35	70	10x30	2	TPP01.0835.R70T	●	TPP01.0835.L70T	●	AP 318
9	35	70	10x30	2	TPP01.0935.R70T	●	TPP01.0935.L70T	●	AP 374
9,53	35	70	10x30	2	TPP01.0935.R002	●	TPP01.0935.L002	●	AP 416
10	35	70	10x30	2	TPP01.1035.R70T	●	TPP01.1035.L70T	●	AP 352
11	35	70	10x30	2	TPP01.1135.R70T	●	TPP01.1135.L70T	●	AP 439
12	35	70	10x30	2	TPP01.1235.R70T	●	TPP01.1235.L70T	●	AP 408
12,7	35	70	10x30	2	TPP01.1235.R002	●	TPP01.1235.L002	●	AP 581
14	35	70	10x30	2	TPP01.1435.R70T	●	TPP01.1435.L70T	●	AP 654
15	35	70	10x30	2	TPP01.1535.R70T	●	TPP01.1535.L70T	●	AP 726
16	35	70	10x30	2	TPP01.1635.R70T	●	TPP01.1635.L70T	●	AP 726

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Punte per foratrice - Foro cieco - 2 eliche - Ras. neg. - Premium

Drill bits for boring machines - Blind hole - 2 spirals - Neg. spurs - Premium

Serie Premium. Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti e 2 rasanti e centrino. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili.

Premium series. Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth and 2 spurs and centre point. Body with 2 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make blind holes on wood, laminated and similar.

TPP01/4

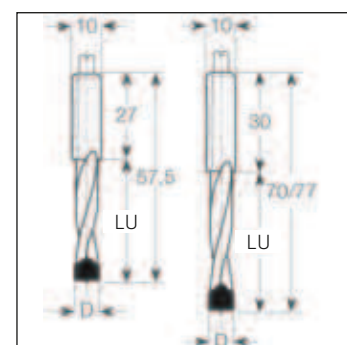
HW | Z=2



PREMIUM

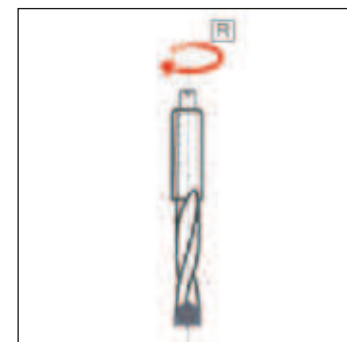
LT 57,5 mm - PREMIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
4	27	57,5	10x27	2	TPP01.0427.R58P	●	TPP01.0427.L58P	●	AP 193
5	27	57,5	10x27	2	TPP01.0527.R58P	●	TPP01.0527.L58P	●	AP 193
6	27	57,5	10x27	2	TPP01.0627.R58P	●	TPP01.0627.L58P	●	AP 193
7	27	57,5	10x27	2	TPP01.0727.R58P	●	TPP01.0727.L58P	●	AP 193
8	27	57,5	10x27	2	TPP01.0827.R58P	●	TPP01.0827.L58P	●	AP 193
9	27	57,5	10x27	2	TPP01.0927.R58P	●	TPP01.0927.L58P	●	AP 193
10	27	57,5	10x27	2	TPP01.1027.R58P	●	TPP01.1027.L58P	●	AP 193
11	27	57,5	10x27	2	TPP01.1127.R58P	●	TPP01.1127.L58P	●	AP 257
12	27	57,5	10x27	2	TPP01.1227.R58P	●	TPP01.1227.L58P	●	AP 257
15	27	57,5	10x27	2	TPP01.1527.R58P	●	TPP01.1527.L58P	●	AP 321



LT 70 mm - PREMIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
4	30	70	10x30	2	TPP01.0430.R70P	●	TPP01.0430.L70P	●	AP 204
5	35	70	10x30	2	TPP01.0535.R70P	●	TPP01.0535.L70P	●	AP 204
6	35	70	10x30	2	TPP01.0635.R70P	●	TPP01.0635.L70P	●	AP 204
7	35	70	10x30	2	TPP01.0735.R70P	●	TPP01.0735.L70P	●	AP 204
8	35	70	10x30	2	TPP01.0835.R70P	●	TPP01.0835.L70P	●	AP 204
9	35	70	10x30	2	TPP01.0935.R70P	●	TPP01.0935.L70P	●	AP 204
10	35	70	10x30	2	TPP01.1035.R70P	●	TPP01.1035.L70P	●	AP 204
11	35	70	10x30	2	TPP01.1135.R70P	●	TPP01.1135.L70P	●	AP 282
12	35	70	10x30	2	TPP01.1235.R70P	●	TPP01.1235.L70P	●	AP 282
15	35	70	10x30	2	TPP01.1535.R70P	●	TPP01.1535.L70P	●	AP 355

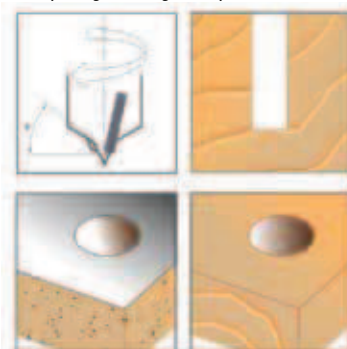


Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Affilatura con incisore negativo
Sharpening with negative spurs



TPP01/5

HW | Z=2

Punte per foratrice - Foro cieco - 2 eliche - Rasanti raggianti - Titanium

Drill bits for boring machines - Blind hole - 2 spirals - Rounded spurs - Titanium

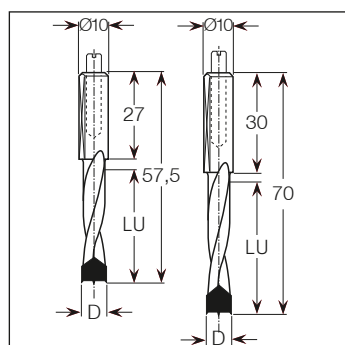
Serie Titanium. Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti e 2 rasanti e centrino. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili.

Titanium series. Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth and 2 spurs and centre point. Body with 2 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make blind holes on wood, laminated and similar.



LT 57,5 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	27	57,5	10x27	2	TPP01.0527.R002	●	TPP01.0527.L002	●	AP 369
6	27	57,5	10x27	2	TPP01.0627.R003	●	TPP01.0627.L003	●	AP 374
8	27	57,5	10x27	2	TPP01.0827.R002	●	TPP01.0827.L002	●	AP 408
10	27	57,5	10x27	2	TPP01.1027.R002	●	TPP01.1027.L002	●	AP 478

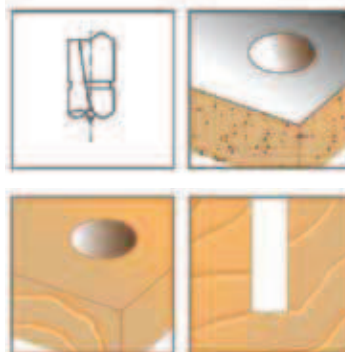


LT 70 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	35	70	10x30	2	TPP01.0535.R002	●	TPP01.0535.L002	●	AP 374
6	35	70	10x30	2	TPP01.0635.R003	●	TPP01.0635.L003	●	AP 391
8	35	70	10x30	2	TPP01.0835.R002	●	TPP01.0835.L002	●	AP 447
10	35	70	10x30	2	TPP01.1035.R002	●	TPP01.1035.L002	●	AP 494

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
3000	1 m/min.
4000	1,5 m/min.
5000	2 m/min.
6000	2,5 m/min.
8000	4 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
3000	0,7 m/min.
4000	1 m/min.
5000	1,5 m/min.
6000	1,8 m/min.
8000	2,5 m/min.

Dati indicativi / Datas are indicative only

Punte per foratrice - Foro cieco - 2 eliche - Rasanti raggianti - Premium

Drill bits for boring machines - Blind hole - 2 spirals - Rounded spurs - Premium

Serie Premium. Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti e 2 rasanti e centrino. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili.

Premium series. Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth and 2 spurs and centre point. Body with 2 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make blind holes on wood, laminated and similar.

TPP01/6

HW | Z=2



PREMIUM

LT 57,5 mm - PREMIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	27	57,5	10x27	2	TPP01.0527.R58RP	●	TPP01.0527.L58RP	●	AP 291
6	27	57,5	10x27	2	TPP01.0627.R58RP	●	TPP01.0627.L58RP	●	AP 291
8	27	57,5	10x27	2	TPP01.0827.R58RP	●	TPP01.0827.L58RP	●	AP 352
10	27	57,5	10x27	2	TPP01.1027.R58RP	●	TPP01.1027.L58RP	●	AP 408

LT 70 mm - PREMIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	35	70	10x30	2	TPP01.0535.R70RP	●	TPP01.0535.L70RP	●	AP 302
6	35	70	10x30	2	TPP01.0635.R70RP	●	TPP01.0635.L70RP	●	AP 302
8	35	70	10x30	2	TPP01.0835.R70RP	●	TPP01.0835.L70RP	●	AP 358
10	35	70	10x30	2	TPP01.1035.R70RP	●	TPP01.1035.L70RP	●	AP 419

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

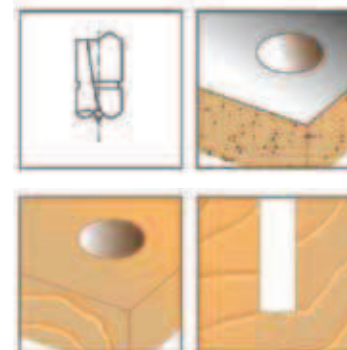
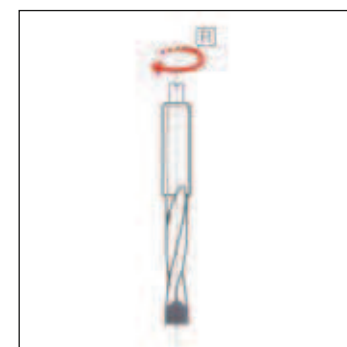
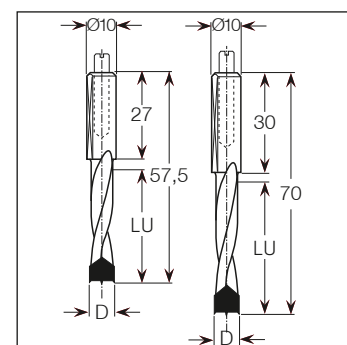
Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
3000	1 m/min.
4000	1,5 m/min.
5000	2 m/min.
6000	2,5 m/min.
8000	4 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
3000	0,7 m/min.
4000	1 m/min.
5000	1,5 m/min.
6000	1,8 m/min.
8000	2,5 m/min.

Dati indicativi / Datas are indicative only



TPP01/7

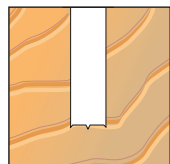
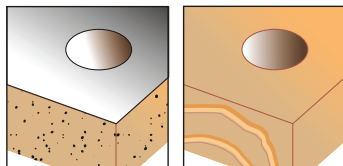
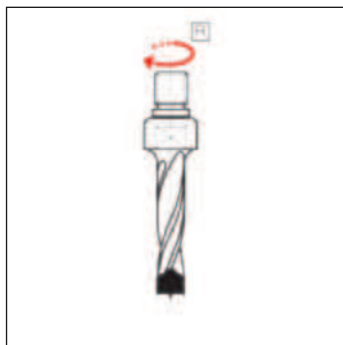
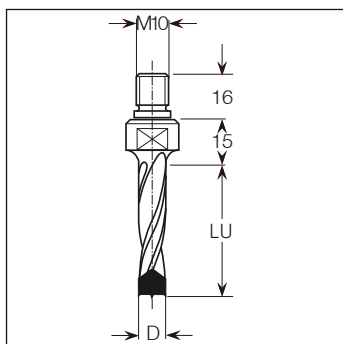
HW | Z=2

Punta senza svasatore per foratrice - Foro cieco - 4 eliche

Dowel drill bits without countersink for boring machines - Blind hole - 4 spirals

Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti e 2 rasanti e centrino. Corpo con 4 scarichi elicoidali. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici: ALBERTI - BALESTRINI - BIESSE - BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE. Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati.

Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth and 2 spurs and centre point. Body with 4 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on the following drilling machines: ALBERTI - BALESTRINI - BIESSE - BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE. Indicated to make blind holes on solid wood, wood, composites, laminated.



Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	20	55	11x16	2	TPP01.0520.RM01	●	TPP01.0520.LM01	●	AP 623
5	30	65	11x16	2	TPP01.0530.RM01	●	TPP01.0530.LM01	●	AP 645
5	40	75	11x16	2	TPP01.0540.RM01	●	TPP01.0540.LM01	●	AP 654
5	50	85	11x16	2	TPP01.0550.RM01	●	TPP01.0550.LM01	●	AP 670
6	20	56	11x16	2	TPP01.0620.RM01	●	TPP01.0620.LM01	●	AP 645
6	30	66	11x16	2	TPP01.0630.RM01	●	TPP01.0630.LM01	●	AP 670
6	40	76	11x16	2	TPP01.0640.RM01	●	TPP01.0640.LM01	●	AP 693
6	50	86	11x16	2	TPP01.0650.RM01	●	TPP01.0650.LM01	●	AP 718
8	20	58	11x16	2	TPP01.0820.RM01	●	TPP01.0820.LM01	●	AP 687
8	30	68	11x16	2	TPP01.0830.RM01	●	TPP01.0830.LM01	●	AP 709
8	40	78	11x16	2	TPP01.0840.RM01	●	TPP01.0840.LM01	●	AP 740
8	50	88	11x16	2	TPP01.0850.RM01	●	TPP01.0850.LM01	●	AP 774
10	20	58	11x16	2	TPP01.1020.RM01	●	TPP01.1020.LM01	●	AP 796
10	30	68	11x16	2	TPP01.1030.RM01	●	TPP01.1030.LM01	●	AP 860
10	40	78	11x16	2	TPP01.1040.RM01	●	TPP01.1040.LM01	●	AP 964
10	50	88	11x16	2	TPP01.1050.RM01	●	TPP01.1050.LM01	●	AP 838
12	30	70	11x16	2	TPP01.1230.RM01	●	TPP01.1230.LM01	●	AP 813
12	40	80	11x16	2	TPP01.1240.RM01	●	TPP01.1240.LM01	●	AP 860
12	50	90	11x16	2	TPP01.1250.RM01	●	TPP01.1250.LM01	●	AP 1011
14	30	70	11x16	2	TPP01.1430.RM01	●	TPP01.1430.LM01	●	AP 1592
14	40	80	11x16	2	TPP01.1440.RM01	●	TPP01.1440.LM01	●	AP 964
14	50	90	11x16	2	TPP01.1450.RM01	●	TPP01.1450.LM01	●	AP 1011

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Punta HW integrale per foratrice - Foro cieco - 2 eliche - Titanium

HW solid carbide drill bits for boring machines - Blind hole - 2 spirals - Titanium

Serie Titanium. Ottenute da acciaio di elevata resistenza meccanica. Corpo in HW integrale con 2 taglienti e 2 rasanti e centrino. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Titanium series. Obtained from steel with a high mechanical resistance. Solid HW carbide body with 2 teeth and 2 spurs and centre point. Body with 2 spirals. Ground shank with flat and screw. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make blind holes on wood, laminated. Available on request with **NaDia** coating DLC.*

TPP01/8

HW | Z=2



TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
LT 57,5 mm - TITANIUM									
3	18	57,5	10x33	2	TPP01.0318.RW01	●	TPP01.0318.LW01	●	AP 399
4	20	57,5	10x27	2	TPP01.0420.RW01	●	TPP01.0420.LW01	●	AP 439
5	22	57,5	10x27	2	TPP01.0522.RW01	●	TPP01.0522.LW01	●	AP 494
6	22	57,5	10x27	2	TPP01.0622.RW01	●	TPP01.0622.LW01	●	AP 542
8	22	57,5	10x27	2	TPP01.0822.RW01	●	TPP01.0822.LW01	●	AP 709

LT 70 mm - TITANIUM									
3	20	70	10x40	2	TPP01.0320.RW01	●	TPP01.0320.LW01	●	AP 416
4	27	70	10x35	2	TPP01.0427.RW01	●	TPP01.0427.LW01	●	AP 455
5	35	70	10x27	2	TPP01.0535.RW01	●	TPP01.0535.LW01	●	AP 511
6	35	70	10x27	2	TPP01.0635.RW01	●	TPP01.0635.LW01	●	AP 559
8	35	70	10x27	2	TPP01.0835.RW01	●	TPP01.0835.LW01	●	AP 726

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
LT 57,5 mm - TITANIUM - NaDia Coating									
3	18	57,5	10x33	2	TPN01.0318.RW01	●	TPN01.0318.LW01	●	AP 668
4	20	57,5	10x27	2	TPN01.0420.RW01	●	TPN01.0420.LW01	●	AP 709
5	22	57,5	10x27	2	TPN01.0522.RW01	●	TPN01.0522.LW01	●	AP 763
6	22	57,5	10x27	2	TPN01.0622.RW01	●	TPN01.0622.LW01	●	AP 813
8	22	57,5	10x27	2	TPN01.0822.RW01	●	TPN01.0822.LW01	●	AP 978

LT 70 mm - TITANIUM - NaDia Coating									
3	20	70	10x40	2	TPN01.0320.RW01	●	TPN01.0320.LW01	●	AP 684
4	27	70	10x35	2	TPN01.0427.RW01	●	TPN01.0427.LW01	●	AP 723
5	35	70	10x27	2	TPN01.0535.RW01	●	TPN01.0535.LW01	●	AP 779
6	35	70	10x27	2	TPN01.0635.RW01	●	TPN01.0635.LW01	●	AP 827
8	35	70	10x27	2	TPN01.0835.RW01	●	TPN01.0835.LW01	●	AP 994

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

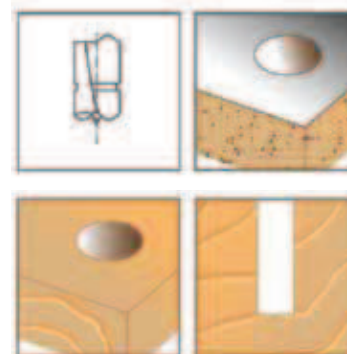
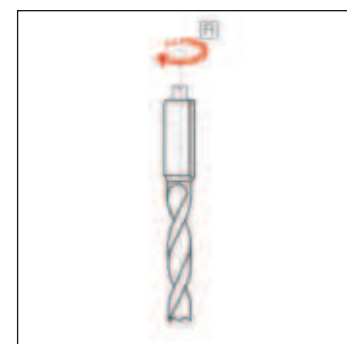
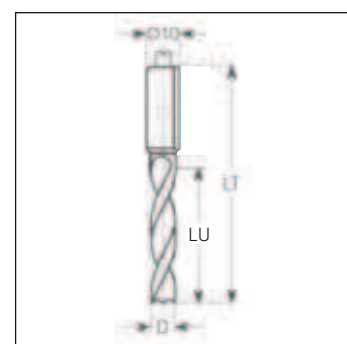
Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
4000	1,5 m/min.
5000	2 m/min.
6000	2,5 m/min.
8000	4 m/min.
10000	4,5 m/min.
12000	4,8 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
4000	1 m/min.
5000	1,5 m/min.
6000	1,8 m/min.
8000	2,5 m/min.
10000	3 m/min.
12000	3,5 m/min.

Dati indicativi / Datas are indicative only



TPP01/9

HW | Z=2



Punta HW integrale per foratrice - Foro cieco - 2 eliche - Premium

HW solid carbide drill bits for boring machines - Blind hole - 2 spirals - Premium

Serie Premium. Costruite con corpo in HW integrale ed attacco in acciaio di elevata resistenza meccanica con 2 taglienti e 2 rasanti e centrino. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Colore nero per punte rotazione destra e colore arancio per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Premium series. Obtained from steel with a high mechanical resistance. Solid HW carbide body with 2 teeth and 2 spurs and centre point. Body with 2 spirals. Ground shank with flat and screw. Black colour for right rotation drills and orange colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make blind holes on solid wood, laminated. Measures and tolerances of production are in observance of the UNI and ISO rules. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
LT 57,5 mm - PREMIUM									
3	18	57,5	10x33	2	TPP01.0318.RH01	●	TPP01.0318.LH01	●	AP 341
4	20	57,5	10x27	2	TPP01.0420.RH01	●	TPP01.0420.LH01	●	AP 374
5	22	57,5	10x27	2	TPP01.0522.RH01	●	TPP01.0522.LH01	●	AP 422
6	22	57,5	10x27	2	TPP01.0622.RH01	●	TPP01.0622.LH01	●	AP 464
8	22	57,5	10x27	2	TPP01.0822.RH01	●	TPP01.0822.LH01	●	AP 606

LT 70 mm - PREMIUM									
3	20	70	10x40	2	TPP01.0320.RH01	●	TPP01.0320.LH01	●	AP 355
4	27	70	10x35	2	TPP01.0427.RH03	●	TPP01.0427.LH03	●	AP 388
5	35	70	10x27	2	TPP01.0535.RH03	●	TPP01.0535.LH03	●	AP 436
6	35	70	10x27	2	TPP01.0635.RH04	●	TPP01.0635.LH04	●	AP 478
8	35	70	10x27	2	TPP01.0835.RH03	●	TPP01.0835.LH03	●	AP 620

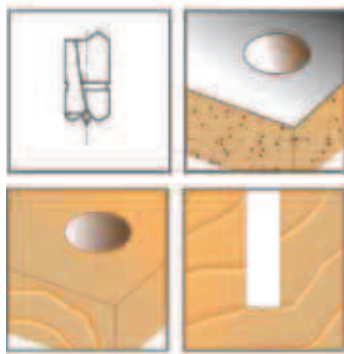
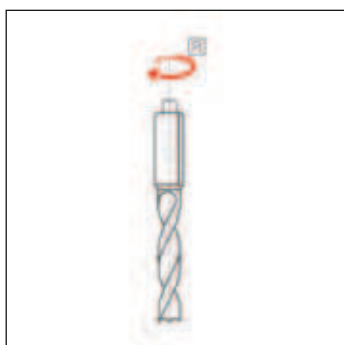
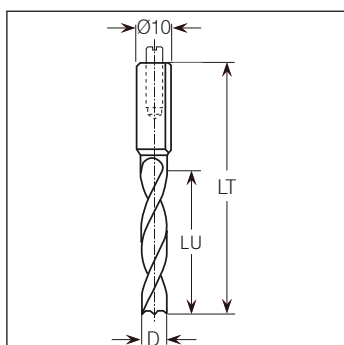
Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
LT 57,5 mm - PREMIUM - NaDia Coating									
3	18	57,5	10x33	2	TPN01.0318.RH01	●	TPN01.0318.LH01	●	AP 609
4	20	57,5	10x27	2	TPN01.0420.RH01	●	TPN01.0420.LH01	●	AP 645
5	22	57,5	10x27	2	TPN01.0522.RH01	●	TPN01.0522.LH01	●	AP 693
6	22	57,5	10x27	2	TPN01.0622.RH01	●	TPN01.0622.LH01	●	AP 732
8	22	57,5	10x27	2	TPN01.0822.RH01	●	TPN01.0822.LH01	●	AP 874

LT 70 mm - PREMIUM - NaDia Coating									
3	20	70	10x40	2	TPN01.0320.RH01	●	TPN01.0320.LH01	●	AP 623
4	27	70	10x35	2	TPN01.0427.RH03	●	TPN01.0427.LH03	●	AP 656
5	35	70	10x27	2	TPN01.0535.RH03	●	TPN01.0535.LH03	●	AP 704
6	35	70	10x27	2	TPN01.0635.RH04	●	TPN01.0635.LH04	●	AP 746
8	35	70	10x27	2	TPN01.0835.RH03	●	TPN01.0835.LH03	●	AP 888

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
4000	1,5 m/min.
5000	2 m/min.
6000	2,5 m/min.
8000	4 m/min.
10000	4,5 m/min.
12000	4,8 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
4000	1 m/min.
5000	1,5 m/min.
6000	1,8 m/min.
8000	2,5 m/min.
10000	3 m/min.
12000	3,5 m/min.

Dati indicativi / Datas are indicative only

Punta HW integrale per foratrice con geometria speciale - Foro cieco - 2 eliche - LONG LIFE

HW solid carbide drill bits for boring machines with special geometry - Blind hole - 2 spirals - LONG LIFE

Serie Long Life. Costruite con corpo in HW integrale ed attacco in acciaio di elevata resistenza meccanica con 2 taglienti e 2 rasanti e centrino. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori ciechi su MDF, truciolare, laminati e simili. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Long Life series. Obtained from steel with a high mechanical resistance. Solid HW carbide body with 2 teeth and 2 spurs and centre point. Body with 2 spirals. Ground shank with flat and screw. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make blind holes on MDF, chipboard and laminated. Available on request with **NaDia** coating DLC.*

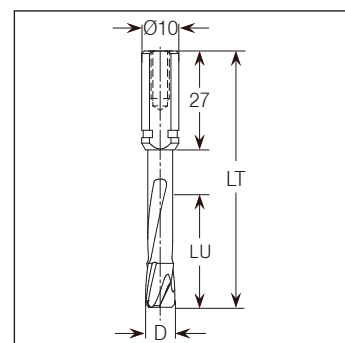
TPP01/10

HW | Z=2



Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
LT 57,5 mm - LONG LIFE									
5	22	57,5	10x27	2		●	TPP01.0522.LW02	●	AP 1128
6	22	57,5	10x27	2	TPP01.0622.RW02	●	TPP01.0622.LW02	●	AP 1198
8	22	57,5	10x27	2	TPP01.0822.RW02	●	TPP01.0822.LW02	●	AP 1293
10	22	57,5	10x27	2	TPP01.1022.RW01	●	TPP01.1022.LW01	●	AP 1553

LT 70 mm - LONG LIFE									
5	35	70	10x27	2	TPP01.0535.RW02	●	TPP01.0535.LW02	●	AP 1140
6	35	70	10x27	2	TPP01.0635.RW02	●	TPP01.0635.LW02	●	AP 1215
8	35	70	10x27	2	TPP01.0835.RW02	●	TPP01.0835.LW02	●	AP 1316
10	35	70	10x27	2	TPP01.1035.RW01	●	TPP01.1035.LW01	●	AP 1589



Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
LT 57,5 mm - LONG LIFE - NaDia Coating									
5	22	57,5	10x27	2	TPP01.0522.RW02	●	TPP01.0522.LW02	●	AP 1397
6	22	57,5	10x27	2	TPP01.0622.RW02	●	TPP01.0622.LW02	●	AP 1469
8	22	57,5	10x27	2	TPP01.0822.RW02	●	TPP01.0822.LW02	●	AP 1564
10	22	57,5	10x27	2	TPP01.1022.RW01	●	TPP01.1022.LW01	●	AP 1821

LT 70 mm - LONG LIFE - NaDia Coating									
5	35	70	10x27	2	TPP01.0535.RW02	●	TPP01.0535.LW02	●	AP 1408
6	35	70	10x27	2	TPP01.0635.RW02	●	TPP01.0635.LW02	●	AP 1483
8	35	70	10x27	2	TPP01.0835.RW02	●	TPP01.0835.LW02	●	AP 1584
10	35	70	10x27	2	TPP01.1035.RW01	●	TPP01.1035.LW01	●	AP 1858

Altre misure disponibili su richiesta | Other dimensions available on request
 Minimo d'ordine 2 pz / Minimum order quantity 2 pcs
 ● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

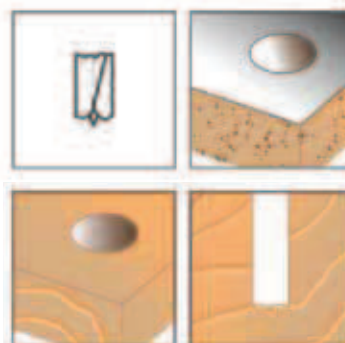
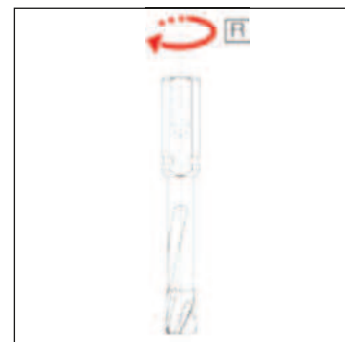
Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
3000	1 m/min.
4000	1,5 m/min.
5000	2 m/min.
6000	2,5 m/min.
8000	4 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
3000	0,7 m/min.
4000	1 m/min.
5000	1,5 m/min.
6000	1,8 m/min.
8000	2,5 m/min.

Dati indicativi / Datas are indicative only



TPP02/1

HW | Z=2

Punte per foratrice - Foro passante - 4 eliche - Titanium

Drill bits for boring machines - Through-hole - 4 spirals - Titanium

Serie Titanium. Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti. Corpo con 4 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di o adattatori. Indicate per l'esecuzione di fori passanti su legno, suoi derivati, laminati e simili.

Titanium series. Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth. Body with 4 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make through-holes on wood, laminated. Measures and tolerances of production are in observance of the UNI and ISO rules.

LT 57,5 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	27	57,5	10x20	2	TPP02.0527.R58T	●	TPP02.0527.L58T	●	AP 416
6	27	57,5	10x20	2	TPP02.0627.R58T	●	TPP02.0627.L58T	●	AP 464
7	27	57,5	10x20	2	TPP02.0727.R58T	●	TPP02.0727.L58T	●	AP 494
8	27	57,5	10x20	2	TPP02.0827.R58T	●	TPP02.0827.L58T	●	AP 461
10	27	57,5	10x20	2	TPP02.1027.R58T	●	TPP02.1027.L58T	●	AP 542
12	25	57,5	10x20	2	TPP02.1225.R58T	●	TPP02.1225.L58T	●	AP 645

LT 70 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	40	70	10x20	2	TPP02.0540.R70T	●	TPP02.0540.L70T	●	AP 416
6	40	70	10x20	2	TPP02.0640.R70T	●	TPP02.0640.L70T	●	AP 458
7	40	70	10x20	2	TPP02.0740.R70T	●	TPP02.0740.L70T	●	AP 492
8	40	70	10x20	2	TPP02.0840.R70T	●	TPP02.0840.L70T	●	AP 439
10	40	70	10x20	2	TPP02.1040.R70T	●	TPP02.1040.L70T	●	AP 522
12	40	70	10x20	2	TPP02.1240.R70T	●	TPP02.1240.L70T	●	AP 631

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

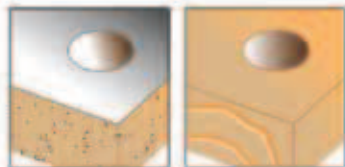
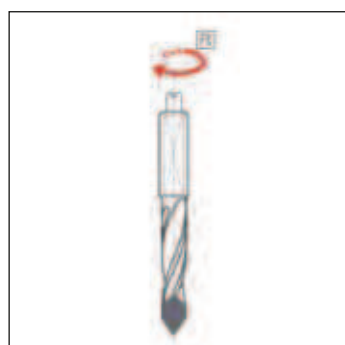
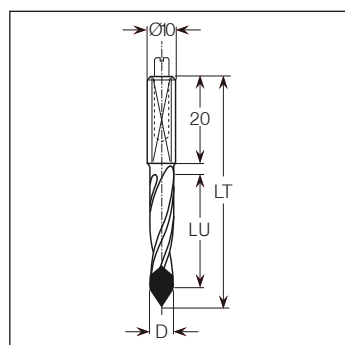
Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
3000	0,5 m/min.
4000	1,2 m/min.
5000	1,5 m/min.
6000	1,8 m/min.
8000	2,2 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
3000	0,3 m/min.
4000	0,8 m/min.
5000	1 m/min.
6000	1,2 m/min.
8000	1,7 m/min.

Dati indicativi / Datas are indicative only



Punte per foratrice - Foro passante - 4 eliche - Titanium

Drill bits for boring machines - Through-hole - 4 spirals - Titanium

Serie Titanium. Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti. Corpo con 4 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di o adattatori. Indicate per l'esecuzione di fori passanti su legno, suoi derivati, laminati e simili.

Titanium series. Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth. Body with 4 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make through-holes on wood, laminated. Measures and tolerances of production are in observance of the UNI and ISO rules.

TPP02/2

HW | Z=2



LT 55,5 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	25	55,5	8x20	2	TPP02.0525.R55T	●	TPP02.0525.L55T	●	AP 405
6	25	55,5	8x20	2	TPP02.0625.R55T	●	TPP02.0625.L55T	●	AP 422
8	25	55,5	8x20	2	TPP02.0825.R55T	●	TPP02.0825.L55T	●	AP 461
10	25	55,5	8x20	2	TPP02.1025.R55T	●	TPP02.1025.L55T	●	AP 483

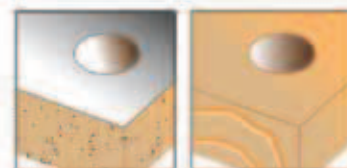
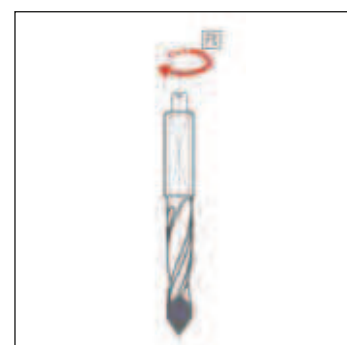
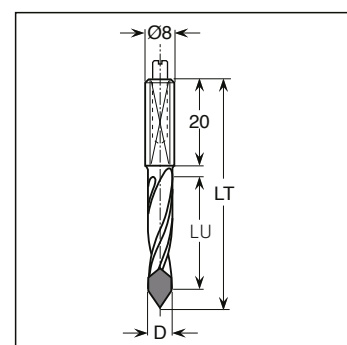
LT 67 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	35	67	8x20	2	TPP02.0535.R67T	●	TPP02.0535.L67T	●	AP 436
6	35	67	8x20	2	TPP02.0635.R67T	●	TPP02.0635.L67T	●	AP 461
8	35	67	8x20	2	TPP02.0835.R67T	●	TPP02.0835.L67T	●	AP 483
10	35	67	8x20	2	TPP02.1035.R67T	●	TPP02.1035.L67T	●	AP 497

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
3000	0,5 m/min.
4000	1,2 m/min.
5000	1,5 m/min.
6000	1,8 m/min.
8000	2,2 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
3000	0,3 m/min.
4000	0,8 m/min.
5000	1 m/min.
6000	1,2 m/min.
8000	1,7 m/min.

Dati indicativi / Datas are indicative only

TPP02/3

HW | Z=2

TITANIUM

Punte per foratrice - Foro passante - 2 eliche - Titanium

Drill bits for boring machines - Through-hole - 2 spirals - Titanium

Serie Titanium. Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori passanti su legno, suoi derivati, laminati e simili.

Titanium series. Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth. Body with 2 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make through-holes on wood, laminated.

LT 57,5 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
4	22	57,5	10x25	2	TPP02.0422.R58T	●	TPP02.0422.L58T	●	AP 416
5	22	57,5	10x25	2	TPP02.0522.R58T	●	TPP02.0522.L58T	●	AP 416
6	22	57,5	10x25	2	TPP02.0622.R58T	●	TPP02.0622.L58T	●	AP 464
7	22	57,5	10x25	2	TPP02.0722.R58T	●	TPP02.0722.L58T	●	AP 494
8	22	57,5	10x25	2	TPP02.0822.R58T	●	TPP02.0822.L58T	●	AP 464
10	22	57,5	10x25	2	TPP02.1022.R58T	●	TPP02.1022.L58T	●	AP 542
12	20	57,5	10x25	2	TPP02.1220.R58T	●	TPP02.1220.L58T	●	AP 645

LT 70 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
4	35	70	10x25	2	TPP02.0435.R70T	●	TPP02.0435.L70T	●	AP 455
5	35	70	10x25	2	TPP02.0535.R70T	●	TPP02.0535.L70T	●	AP 416
6	35	70	10x25	2	TPP02.0635.R70T	●	TPP02.0635.L70T	●	AP 472
7	35	70	10x25	2	TPP02.0735.R70T	●	TPP02.0735.L70T	●	AP 503
8	35	70	10x25	2	TPP02.0835.R70T	●	TPP02.0835.L70T	●	AP 475
10	35	70	10x25	2	TPP02.1035.R70T	●	TPP02.1035.L70T	●	AP 542
12	33	70	10x25	2	TPP02.1233.R70T	●	TPP02.1233.L70T	●	AP 662

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
3000	0,5 m/min.
4000	1,2 m/min.
5000	1,5 m/min.
6000	1,8 m/min.
8000	2,2 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
3000	0,3 m/min.
4000	0,8 m/min.
5000	1 m/min.
6000	1,2 m/min.
8000	1,7 m/min.

Dati indicativi / Datas are indicative only

Punte per foratrice - Foro passante - 2 eliche - Premium

Drill bits for boring machines - Through-hole - 2 spirals - Premium

Serie Premium. Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori passanti su legno, suoi derivati, laminati e simili.

Premium series. Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth. Body with 2 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make through-holes on wood, laminated.

TPP02/4

HW | Z=2



PREMIUM

LT 57,5 mm - PREMIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	22	57,5	10x25	2	TPP02.0522.R58P	●	TPP02.0522.L58P	●	AP 332
6	22	57,5	10x25	2	TPP02.0622.R58P	●	TPP02.0622.L58P	●	AP 332
8	22	57,5	10x25	2	TPP02.0822.R58P	●	TPP02.0822.L58P	●	AP 372

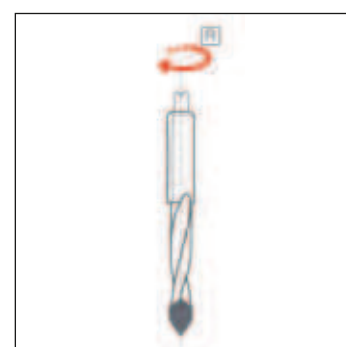
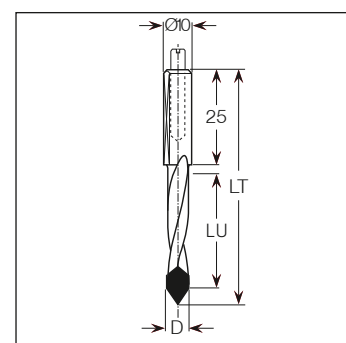
LT 70 mm - PREMIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
4	35	70	10x25	2	TPP02.0435.R70P	●	TPP02.0435.L70P	●	AP 444
5	35	70	10x25	2	TPP02.0535.R70P	●	TPP02.0535.L70P	●	AP 394
6	35	70	10x25	2	TPP02.0635.R70P	●	TPP02.0635.L70P	●	AP 394
7	35	70	10x25	2	TPP02.0735.R70P	●	TPP02.0735.L70P	●	AP 394
8	35	70	10x25	2	TPP02.0835.R70P	●	TPP02.0835.L70P	●	AP 427
10	35	70	10x25	2	TPP02.1035.R70P	●	TPP02.1035.L70P	●	AP 480
12	33	70	10x25	2	TPP02.1233.R70P	●	TPP02.1233.L70P	●	AP 480

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



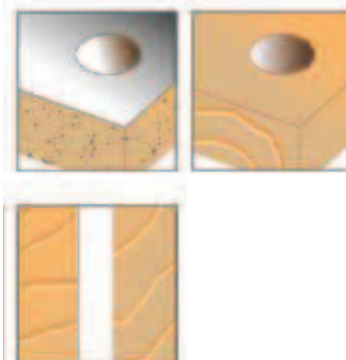
Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
3000	0,5 m/min.
4000	1,2 m/min.
5000	1,5 m/min.
6000	1,8 m/min.
8000	2,2 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
3000	0,3 m/min.
4000	0,8 m/min.
5000	1 m/min.
6000	1,2 m/min.
8000	1,7 m/min.

Dati indicativi / Datas are indicative only



TPP02/5

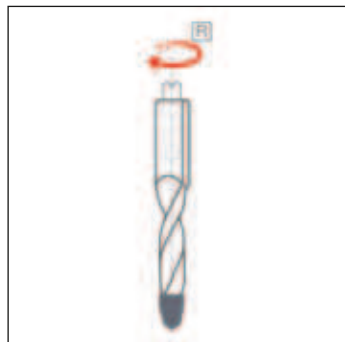
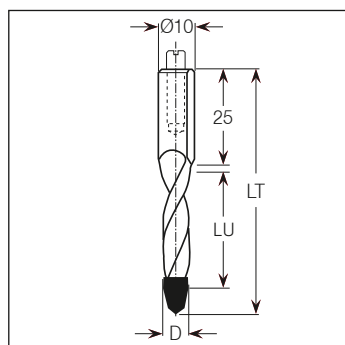
HW | Z=2

Punta per foratrice - Foro passante - 2 eliche - Doppia incl. passante

Drill bits for boring machines - Through-hole - 2 spirals - V point geometry

Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti a doppia inclinazione passante. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori passanti su legno, truciolari, MDF laminati e simili.

Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth with special V point geometry. Body with 2 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make through-holes on solid wood, MDF, chipboard and laminated.



LT 57,5 mm - TITANIUM

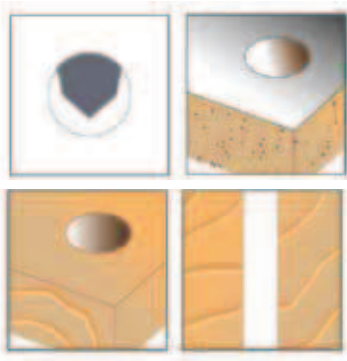
Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	22	57,5	10x25	2	TPP02.0522.R002	●	TPP02.0522.L002	●	AP 511
6	22	57,5	10x25	2	TPP02.0622.R002	●	TPP02.0622.L002	●	AP 528
8	22	57,5	10x25	2	TPP02.0822.R002	●	TPP02.0822.L002	●	AP 587
10	22	57,5	10x25	2	TPP02.1022.R002	●	TPP02.1022.L002	●	AP 665

LT 70 mm - TITANIUM

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	35	70	10x25	2	TPP02.0535.R002	●	TPP02.0535.L002	●	AP 511
6	35	70	10x25	2	TPP02.0635.R002	●	TPP02.0635.L002	●	AP 553
8	35	70	10x25	2	TPP02.0835.R002	●	TPP02.0835.L002	●	AP 620
10	35	70	10x25	2	TPP02.1035.R002	●	TPP02.1035.L002	●	AP 673

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
3000	1 m/min.
4000	1,5 m/min.
5000	2 m/min.
6000	2,5 m/min.
8000	2,8 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
3000	0,7 m/min.
4000	1 m/min.
5000	1,4 m/min.
6000	1,7 m/min.
8000	2 m/min.

Dati indicativi / Datas are indicative only

Punta senza svasatore per foratrice - Foro passante - 4 eliche

Dowel drill bits without countersink for boring machines - Through hole - 4 spirals

Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti. Corpo con 4 scarichi elicoidali. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici: ALBERTI - BALESTRINI - BIESSE - BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE. Indicate per l'esecuzione di fori passanti su legno, suoi derivati, laminati.

Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth. Body with 4 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on the following drilling machines: ALBERTI - BALESTRINI - BIESSE - BUSELLATO - GESSNER - MORBIDELLI - REIMALL - TORWEGGE - VITAP - WEEKE. Indicated to make blind holes on solid wood, wood, composites, laminated.

TPP02/6

HW | Z=2

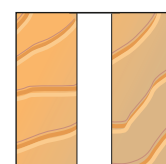
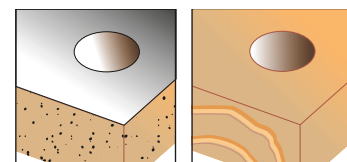
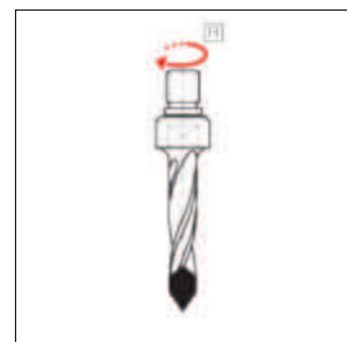
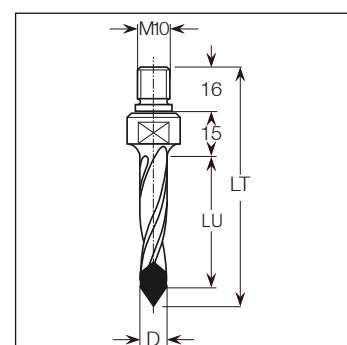


Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	20	55	11x16	2	TPP02.0520.RM01	●	TPP02.0520.LM01	●	AP 701
5	30	65	11x16	2	TPP02.0530.RM01	●	TPP02.0530.LM01	●	AP 726
5	40	75	11x16	2	TPP02.0540.RM01	●	TPP02.0540.LM01	●	AP 740
5	50	85	11x16	2	TPP02.0550.RM01	●	TPP02.0550.LM01	●	AP 757
6	20	56	11x16	2	TPP02.0620.RM01	●	TPP02.0620.LM01	●	AP 735
6	30	66	11x16	2	TPP02.0630.RM01	●	TPP02.0630.LM01	●	AP 757
6	40	76	11x16	2	TPP02.0640.RM01	●	TPP02.0640.LM01	●	AP 782
6	50	86	11x16	2	TPP02.0650.RM01	●	TPP02.0650.LM01	●	AP 813
8	20	58	11x16	2	TPP02.0820.RM01	●	TPP02.0820.LM01	●	AP 765
8	30	68	11x16	2	TPP02.0830.RM01	●	TPP02.0830.LM01	●	AP 796
8	40	78	11x16	2	TPP02.0840.RM01	●	TPP02.0840.LM01	●	AP 838
8	50	88	11x16	2	TPP02.0850.RM01	●	TPP02.0850.LM01	●	AP 877

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



TPP02/7

HW | Z=2



Punta HW integrale per foratrice - Foro passante - 2 eliche - Titanium HW solid carbide drill bits for boring machines - Through-hole - 2 spirals - Titanium

Serie Titanium. Ottenute da acciaio di elevata resistenza meccanica. Corpo in HW integrale con 2 taglienti e cuspidi speciale a V tipo ELICA PLUS™. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori passanti su legno, truciolari, MDF, laminati e simili. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Titanium series. Obtained from steel with a high mechanical resistance. Solid HW carbide body with 2 teeth and special V point geometry ELICA PLUS™. Body with 2 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make through-holes on solid wood, chipboard, MDF and laminated. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
LT 57,5 mm - TITANIUM									
3	18	57,5	10x27	2	TPP02.0318.RW01	●	TPP02.0318.LW01	●	AP 511
4	22	57,5	10x27	2	TPP02.0420.RW01	●	TPP02.0420.LW01	●	AP 567
5	20	57,5	10x27	2	TPP02.0522.RW01	●	TPP02.0522.LW01	●	AP 598
6	20	57,5	10x27	2	TPP02.0622.RW01	●	TPP02.0622.LW01	●	AP 709
8	20	57,5	10x27	2	TPP02.0822.RW01	●	TPP02.0822.LW01	●	AP 844

LT 70 mm - TITANIUM									
3	20	70	10x27	2	TPP02.0320.RW01	●	TPP02.0320.LW01	●	AP 539
4	25	70	10x27	2	TPP02.0427.RW03	●	TPP02.0427.LW03	●	AP 559
5	33	70	10x27	2	TPP02.0535.RW03	●	TPP02.0535.LW03	●	AP 575
6	33	70	10x27	2	TPP02.0635.RW04	●	TPP02.0635.LW04	●	AP 659
8	33	70	10x27	2	TPP02.0835.RW03	●	TPP02.0835.LW03	●	AP 1025

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
LT 57,5 mm - TITANIUM - NaDia Coating									
3	18	57,5	10x27	2	TPN02.0318.RW01	●	TPN02.0318.LW01	●	AP 779
4	22	57,5	10x27	2	TPN02.0420.RW01	●	TPN02.0420.LW01	●	AP 835
5	20	57,5	10x27	2	TPN02.0522.RW01	●	TPN02.0522.LW01	●	AP 866
6	20	57,5	10x27	2	TPN02.0622.RW01	●	TPN02.0622.LW01	●	AP 978
8	20	57,5	10x27	2	TPN02.0822.RW01	●	TPN02.0822.LW01	●	AP 1115

LT 70 mm - TITANIUM - NaDia Coating									
3	20	70	10x27	2	TPN02.0320.RW01	●	TPN02.0320.LW01	●	AP 807
4	25	70	10x27	2	TPN02.0427.RW03	●	TPN02.0427.LW03	●	AP 827
5	33	70	10x27	2	TPN02.0535.RW03	●	TPN02.0535.LW03	●	AP 844
6	33	70	10x27	2	TPN02.0635.RW04	●	TPN02.0635.LW04	●	AP 927
8	33	70	10x27	2	TPN02.0835.RW03	●	TPN02.0835.LW03	●	AP 1293

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
4000	1,5 m/min.
5000	2 m/min.
6000	2,5 m/min.
8000	2,8 m/min.
9000	3 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
4000	1 m/min.
5000	1,4 m/min.
6000	1,7 m/min.
8000	2 m/min.
9000	2,1 m/min.

Dati indicativi / Datas are indicative only

Punta HW integrale per foratrice - Foro passante - 2 eliche - Premium

HW solid carbide drill bits for boring machines - Through-hole - 2 spirals - Premium

Serie Premium. Costruite con corpo in HW integrale ed attacco in acciaio di elevata resistenza meccanica con 2 taglienti con doppia inclinazione passante. Corpo con 2 scarichi elicoidali. Attacco rettificato con piano di fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori ciechi su legno, suoi derivati, laminati e simili. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Premium series. Obtained from steel with a high mechanical resistance. Solid HW carbide body with 2 teeth with special V point geometry. Body with 2 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on drilling machines with chucks or adapters. Indicated to make through-holes on solid wood, MDF, chipboard and laminated. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
LT 57,5 mm - PREMIUM									
4	20	57,5	10x27	2	TPP02.0420.RH01	●	TPP02.0420.LH01	●	AP 413
5	20	57,5	10x27	2	TPP02.0520.RH01	●	TPP02.0520.LH01	●	AP 500
6	20	57,5	10x27	2	TPP02.0620.RH01	●	TPP02.0620.LH01	●	AP 520
8	20	57,5	10x27	2	TPP02.0820.RH01	●	TPP02.0820.LH01	●	AP 832

LT 70 mm - PREMIUM									
3	20	70	10x27	2	TPP02.0320.RH01	●	TPP02.0320.LH01	●	AP 416
4	25	70	10x27	2	TPP02.0425.RH03	●	TPP02.0425.LH03	●	AP 416
5	33	70	10x27	2	TPP02.0533.RH03	●	TPP02.0533.LH03	●	AP 506
6	33	70	10x27	2	TPP02.0633.RH04	●	TPP02.0633.LH04	●	AP 648
8	33	70	10x27	2	TPP02.0833.RH03	●	TPP02.0833.LH03	●	AP 953

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
LT 57,5 mm - PREMIUM - NaDia Coating									
4	20	57,5	10x27	2	TPN02.0420.RH01	●	TPN02.0420.LH01	●	AP 682
5	20	57,5	10x27	2	TPN02.0520.RH01	●	TPN02.0520.LH01	●	AP 771
6	20	57,5	10x27	2	TPN02.0620.RH01	●	TPN02.0620.LH01	●	AP 788
8	20	57,5	10x27	2	TPN02.0820.RH01	●	TPN02.0820.LH01	●	AP 1101

LT 70 mm - PREMIUM - NaDia Coating									
3	20	70	10x27	2	TPN02.0320.RH01	●	TPN02.0320.LH01	●	AP 684
4	25	70	10x27	2	TPN02.0425.RH03	●	TPN02.0425.LH03	●	AP 684
5	33	70	10x27	2	TPN02.0533.RH03	●	TPN02.0533.LH03	●	AP 777
6	33	70	10x27	2	TPN02.0633.RH04	●	TPN02.0633.LH04	●	AP 916
8	33	70	10x27	2	TPN02.0833.RH03	●	TPN02.0833.LH03	●	AP 1221

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
4000	1,5 m/min.
5000	2 m/min.
6000	2,5 m/min.
8000	2,8 m/min.
9000	3 m/min.

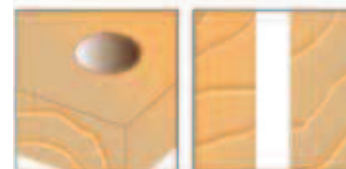
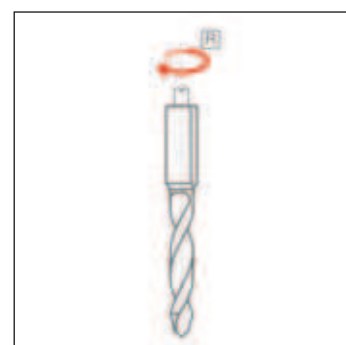
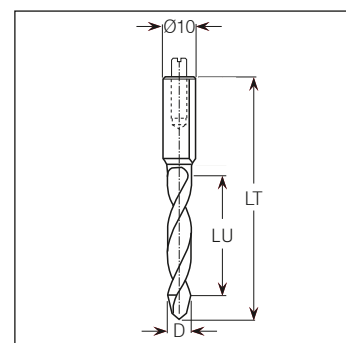
MDF - Legno/Wood

RPM	Avanz. / Feed speed
4000	1 m/min.
5000	1,4 m/min.
6000	1,7 m/min.
8000	2 m/min.
9000	2,1 m/min.

Dati indicativi / Datas are indicative only

TPP02/8

HW | Z=2



PREMIUM

TPP03/1

HW | Z=2



Punta per cerniere - Z2+2 - Titanium

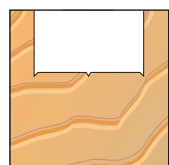
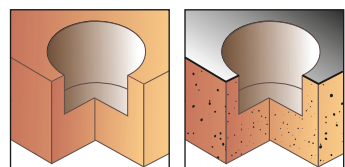
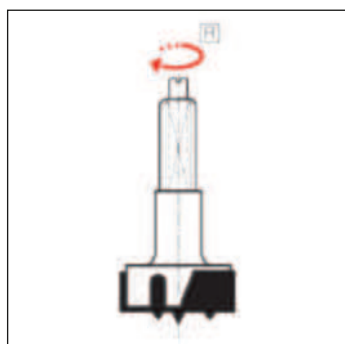
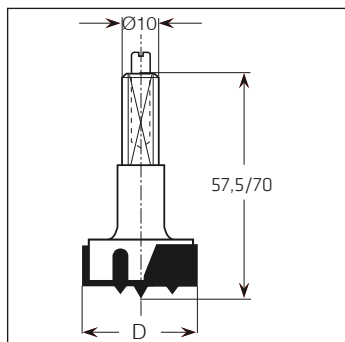
Cylinder boring bits - Z2+2 - Titanium

Serie Titanium. Ottenute da acciaio di elevata resistenza meccanica. Con 2 taglienti e 2 rasanti con centrino in HW. Attacco rettificato con piano per fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Per eseguire sedi per cerniere o fori ciechi su legno, suoi derivati, laminati e simili.

Titanium series. Obtained from steel with a high mechanical resistance. With 2 teeth and 2 spurs and centre point in HW. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Ground shank with flat and screw. Use on drilling machines with chucks or adapters. Indicated to make holes for concealed hinges on solid wood, wood composites, laminated.

LT 57,5 mm - TITANIUM

Ø D (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
14	57,5	10x30	2 + 2	TPP03.1457.Z2TR	●	TPP03.1457.Z2TL	●	AP 693
15	57,5	10x30	2 + 2	TPP03.1557.Z2TR	●	TPP03.1557.Z2TL	●	AP 662
16	57,5	10x30	2 + 2	TPP03.1657.Z2TR	●	TPP03.1657.Z2TL	●	AP 693
18	57,5	10x30	2 + 2	TPP03.1857.Z2TR	●	TPP03.1857.Z2TL	●	AP 718
20	57,5	10x30	2 + 2	TPP03.2057.Z2TR	●	TPP03.2057.Z2TL	●	AP 693
22	57,5	10x30	2 + 2	TPP03.2257.Z2TR	●	TPP03.2257.Z2TL	●	AP 782
25	57,5	10x30	2 + 2	TPP03.2557.Z2TR	●	TPP03.2557.Z2TL	●	AP 765
26	57,5	10x30	2 + 2	TPP03.2657.Z2TR	●	TPP03.2657.Z2TL	●	AP 804
30	57,5	10x30	2 + 2	TPP03.3057.Z2TR	●	TPP03.3057.Z2TL	●	AP 844
35	57,5	10x30	2 + 2	TPP03.3557.Z2TR	●	TPP03.3557.Z2TL	●	AP 740
38	57,5	10x30	2 + 2	TPP03.3857.Z2TR	●	TPP03.3857.Z2TL	●	AP 997
40	57,5	10x30	2 + 2	TPP03.4057.Z2TR	●	TPP03.4057.Z2TL	●	AP 997



LT 70 mm - TITANIUM

Ø D (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
14	70	10x30	2 + 2	TPP03.1470.Z2TR	●	TPP03.1470.Z2TL	●	AP 693
15	70	10x30	2 + 2	TPP03.1570.Z2TR	●	TPP03.1570.Z2TL	●	AP 662
16	70	10x30	2 + 2	TPP03.1670.Z2TR	●	TPP03.1670.Z2TL	●	AP 718
18	70	10x30	2 + 2	TPP03.1870.Z2TR	●	TPP03.1870.Z2TL	●	AP 718
20	70	10x30	2 + 2	TPP03.2070.Z2TR	●	TPP03.2070.Z2TL	●	AP 693
22	70	10x30	2 + 2	TPP03.2270.Z2TR	●	TPP03.2270.Z2TL	●	AP 782
25	70	10x30	2 + 2	TPP03.2570.Z2TR	●	TPP03.2570.Z2TL	●	AP 821
26	70	10x30	2 + 2	TPP03.2670.Z2TR	●	TPP03.2670.Z2TL	●	AP 821
30	70	10x30	2 + 2	TPP03.3070.Z2TR	●	TPP03.3070.Z2TL	●	AP 899
35	70	10x30	2 + 2	TPP03.3570.Z2TR	●	TPP03.3570.Z2TL	●	AP 852
38	70	10x30	2 + 2	TPP03.3870.Z2TR	●	TPP03.3870.Z2TL	●	AP 1036
40	70	10x30	2 + 2	TPP03.4070.Z2TR	●	TPP03.4070.Z2TL	●	AP 1084

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
3000	1 m/min.
4000	1,5 m/min.
5000	1,8 m/min.
6000	2 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
3000	0,7 m/min.
4000	1 m/min.
5000	1,2 m/min.
6000	1,6 m/min.

Dati indicativi / Datas are indicative only

Punta per cerniere - Z2+2 - Premium

Cylinder boring bits - Z2+2 - Premium

Serie Premium. Ottenute da acciaio di elevata resistenza meccanica. Con 2 taglienti e 2 rasanti con centrino in HW. Attacco rettificato con piano per fissaggio e vite di regolazione. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore arancione per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Per eseguire sedi per cerniere o fori ciechi su legno, suoi derivati, laminati e simili.

Premium series. Obtained from steel with a high mechanical resistance. With 2 teeth and 2 spurs and centre point in HW. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and orange colour for left rotation drills. Ground shank with flat and screw. Use on drilling machines with chucks or adapters. Indicated to make holes for concealed hinges on solid wood, wood composites, laminated.

TPP03/2

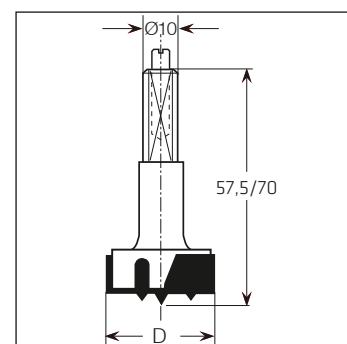
HW | Z=2



PREMIUM

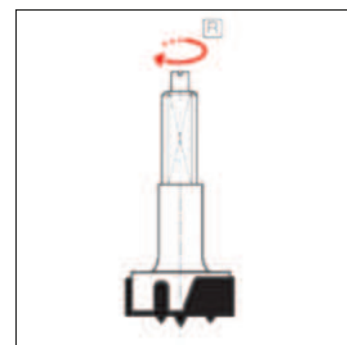
LT 57,5 mm - PREMIUM

Ø D (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
15	57,5	10x30	2 + 2	TPP03.1557.Z2PR	●	TPP03.1557.Z2PL	●	AP 422
18	57,5	10x30	2 + 2	TPP03.1857.Z2PR	●	TPP03.1857.Z2PL	●	AP 453
20	57,5	10x30	2 + 2	TPP03.2057.Z2PR	●	TPP03.2057.Z2PL	●	AP 475
22	57,5	10x30	2 + 2	TPP03.2257.Z2PR	●	TPP03.2257.Z2PL	●	AP 475
25	57,5	10x30	2 + 2	TPP03.2557.Z2PR	●	TPP03.2557.Z2PL	●	AP 475
26	57,5	10x30	2 + 2	TPP03.2657.Z2PR	●	TPP03.2657.Z2PL	●	AP 620
30	57,5	10x30	2 + 2	TPP03.3057.Z2PR	●	TPP03.3057.Z2PL	●	AP 659
35	57,5	10x30	2 + 2	TPP03.3557.Z2PR	●	TPP03.3557.Z2PL	●	AP 626
40	57,5	10x30	2 + 2	TPP03.4057.Z2PR	●	TPP03.4057.Z2PL	●	AP 785



LT 70 mm - PREMIUM

Ø D (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
15	70	10x30	2 + 2	TPP03.1570.Z2PR	●	TPP03.1570.Z2PL	●	AP 422
18	70	10x30	2 + 2	TPP03.1870.Z2PR	●	TPP03.1870.Z2PL	●	AP 453
20	70	10x30	2 + 2	TPP03.2070.Z2PR	●	TPP03.2070.Z2PL	●	AP 475
22	70	10x30	2 + 2	TPP03.2270.Z2PR	●	TPP03.2270.Z2PL	●	AP 475
25	70	10x30	2 + 2	TPP03.2570.Z2PR	●	TPP03.2570.Z2PL	●	AP 475
26	70	10x30	2 + 2	TPP03.2670.Z2PR	●	TPP03.2670.Z2PL	●	AP 659
30	70	10x30	2 + 2	TPP03.3070.Z2PR	●	TPP03.3070.Z2PL	●	AP 659
35	70	10x30	2 + 2	TPP03.3570.Z2PR	●	TPP03.3570.Z2PL	●	AP 651
40	70	10x30	2 + 2	TPP03.4070.Z2PR	●	TPP03.4070.Z2PL	●	AP 816



Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
3000	1 m/min.
4000	1,5 m/min.
5000	1,8 m/min.
6000	2 m/min.

MDF - Legno/Wood

RPM	Avanz. / Feed speed
3000	0,7 m/min.
4000	1 m/min.
5000	1,2 m/min.
6000	1,6 m/min.

Dati indicativi / Datas are indicative only

TPP05/1

HW | Z=2

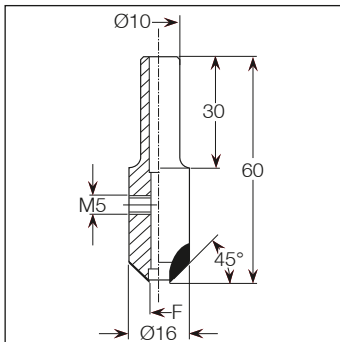


Mandrini svasatori portapunte 45°

Countersink chucks 45°

Ottenuti da acciaio di elevata resistenza meccanica. Con 2 taglienti in HW. Fissaggio mediante vite. Attacco rettificato. Da montare accoppiati con punte elicoidali in HW integrale. Indicati per svasare fori su legno, suoi derivati, laminati e simili.

Obtained from steel with a high mechanical resistance. With 2 carbide teeth. Ground shank. Fixing by means of a screw. Use with helicoidal drills in solid carbide body HW. Indicated to make bevelled holes on solid wood, wood composites, laminated.

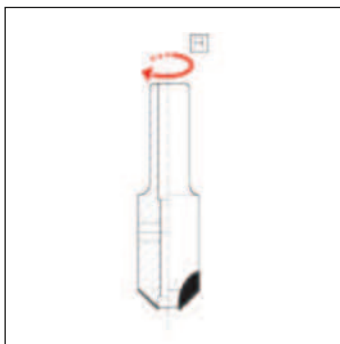


Ø F (mm)	D (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
3	16	60	10x30	2	TPP05.030R.0001	●	TPP05.030L.0001	●	AP 1084
3,5	16	60	10x30	2	TPP05.035R.0001	●	TPP05.035L.0001	●	AP 1084
4	16	60	10x30	2	TPP05.040R.0001	●	TPP05.040L.0001	●	AP 1084
4,5	16	60	10x30	2	TPP05.045R.0001	●	TPP05.045L.0001	●	AP 1084
5	16	60	10x30	2	TPP05.050R.0001	●	TPP05.050L.0001	●	AP 1084
5,5	16	60	10x30	2	TPP05.055R.0001	●	TPP05.055L.0001	●	AP 1084
6	16	60	10x30	2	TPP05.060R.0001	●	TPP05.060L.0001	●	AP 1084

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Punta con svasatore per foratrice - Foro cieco - 2 eliche

Dowel drill bits with countersink for boring machines - Blind hole - 2 spirals

TPP05/2

HW | Z=2

Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti e 2 rasanti e centrino. 2 taglienti svasatori in HW. Corpo con 2 scarichi elicoidali. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori ciechi svasati su legno, suoi derivati, laminati.

Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth and 2 spurs and centre point. Countersink with 2 teeth in HW. Body with 2 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on the following drilling machines with chucks or adapters. Indicated to make bevelled blind holes on solid wood, wood, composites, laminated.

LT 57,5 mm

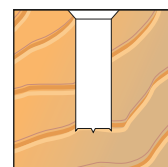
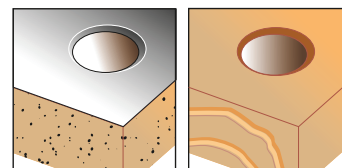
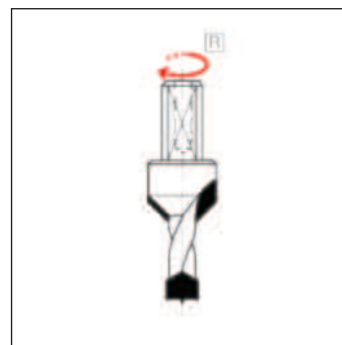
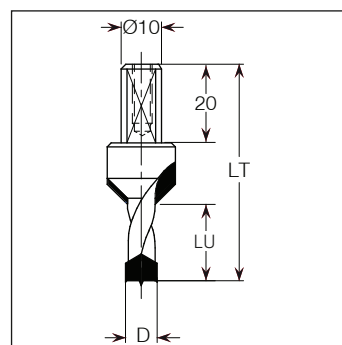
Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	12	57,5	10x20	2	TPP05.0512.57MR	●	TPP05.0512.57ML	●	AP 950
5	13	57,5	10x20	2	TPP05.0513.57MR	●	TPP05.0513.57ML	●	AP 950
5	15	57,5	10x20	2	TPP05.0515.57MR	●	TPP05.0515.57ML	●	AP 950
5	20	57,5	10x20	2	TPP05.0520.57MR	●	TPP05.0520.57ML	●	AP 950
6	12	57,5	10x20	2	TPP05.0612.57MR	●	TPP05.0612.57ML	●	AP 997
6	13	57,5	10x20	2	TPP05.0613.57MR	●	TPP05.0613.57ML	●	AP 997
6	15	57,5	10x20	2	TPP05.0615.57MR	●	TPP05.0615.57ML	●	AP 997
6	20	57,5	10x20	2	TPP05.0620.57MR	●	TPP05.0620.57ML	●	AP 997
8	12	57,5	10x20	2	TPP05.0812.57MR	●	TPP05.0812.57ML	●	AP 709
8	13	57,5	10x20	2	TPP05.0813.57MR	●	TPP05.0813.57ML	●	AP 709
8	15	57,5	10x20	2	TPP05.0815.57MR	●	TPP05.0815.57ML	●	AP 709
8	20	57,5	10x20	2	TPP05.0820.57MR	●	TPP05.0820.57ML	●	AP 709
10	12	57,5	10x20	2	TPP05.1012.57MR	●	TPP05.1012.57ML	●	AP 765
10	13	57,5	10x20	2	TPP05.1013.57MR	●	TPP05.1013.57ML	●	AP 765
10	15	57,5	10x20	2	TPP05.1015.57MR	●	TPP05.1015.57ML	●	AP 765
10	20	57,5	10x20	2	TPP05.1020.57MR	●	TPP05.1020.57ML	●	AP 765

LT 70 mm

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	12	70	10x20	2	TPP05.0512.70MR	●	TPP05.0512.70ML	●	AP 950
5	13	70	10x20	2	TPP05.0513.70MR	●	TPP05.0513.70ML	●	AP 950
5	15	70	10x20	2	TPP05.0515.70MR	●	TPP05.0515.70ML	●	AP 950
5	20	70	10x20	2	TPP05.0520.70MR	●	TPP05.0520.70ML	●	AP 950
5	25	70	10x20	2	TPP05.0525.70MR	●	TPP05.0525.70ML	●	AP 997
6	12	70	10x20	2	TPP05.0612.70MR	●	TPP05.0612.70ML	●	AP 1036
6	13	70	10x20	2	TPP05.0613.70MR	●	TPP05.0613.70ML	●	AP 1036
6	15	70	10x20	2	TPP05.0615.70MR	●	TPP05.0615.70ML	●	AP 1036
6	20	70	10x20	2	TPP05.0620.70MR	●	TPP05.0620.70ML	●	AP 1036
6	25	70	10x20	2	TPP05.0625.70MR	●	TPP05.0625.70ML	●	AP 1036
8	12	70	10x20	2	TPP05.0812.70MR	●	TPP05.0812.70ML	●	AP 709
8	13	70	10x20	2	TPP05.0813.70MR	●	TPP05.0813.70ML	●	AP 709
8	15	70	10x20	2	TPP05.0815.70MR	●	TPP05.0815.70ML	●	AP 709
8	20	70	10x20	2	TPP05.0820.70MR	●	TPP05.0820.70ML	●	AP 709
8	25	70	10x20	2	TPP05.0825.70MR	●	TPP05.0825.70ML	●	AP 1036
10	12	70	10x20	2	TPP05.1012.70MR	●	TPP05.1012.70ML	●	AP 774
10	13	70	10x20	2	TPP05.1013.70MR	●	TPP05.1013.70ML	●	AP 774
10	15	70	10x20	2	TPP05.1015.70MR	●	TPP05.1015.70ML	●	AP 774
10	20	70	10x20	2	TPP05.1020.70MR	●	TPP05.1020.70ML	●	AP 774
10	25	70	10x20	2	TPP05.1025.70MR	●	TPP05.1025.70ML	●	AP 1084

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



TPP05/3

HW | Z=2

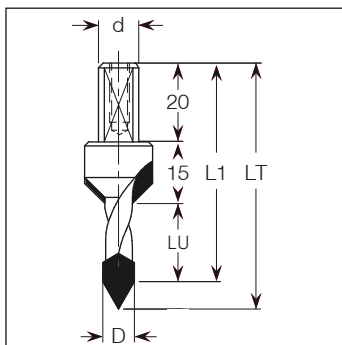


Punta con svasatore per foratrice - Foro passante - 2 eliche

Dowel drill bits with countersink for boring machines - Through-hole - 2 spirals

Ottenute da acciaio di elevata resistenza meccanica. Cuspide in HW integrale con 2 taglienti e 2 rasanti e centrino. 2 taglienti svasatori in HW. Corpo con 2 scarichi elicoidali. Rivestite con resina fluorocarbonica PTFE per una migliore evacuazione del truciolo. Colore nero per punte rotazione destra e colore rosso per punte rotazione sinistra. Da montare su macchine foratrici con l'impiego di mandrini o adattatori. Indicate per l'esecuzione di fori passanti svasati su legno, suoi derivati, laminati.

Obtained from steel with a high mechanical resistance. HW carbide tip with 2 teeth and 2 spurs and centre point. Countersink with 2 teeth in HW. Body with 2 spirals. Ground shank with flat and screw. Covered by a fluorine-carbonic resin for a better chip removal. Black colour for right rotation drills and red colour for left rotation drills. Use on the following drilling machines with chucks or adapters. Indicated to make bevelled through-holes on solid wood, wood, composites, laminated.



LT 57,5 mm

Ø D (mm)	LU (mm)	L1 (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	22,5	57,5	61,5	10x20	2	TPP05.0522.57MR	●	TPP05.0522.57ML	●	AP 1036
6	22,5	57,5	62,5	10x20	2	TPP05.0622.57MR	●	TPP05.0622.57ML	●	AP 1036
8	22,5	57,5	64	10x20	2	TPP05.0822.57MR	●	TPP05.0822.57ML	●	AP 1084

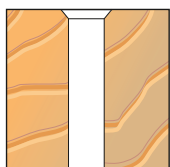
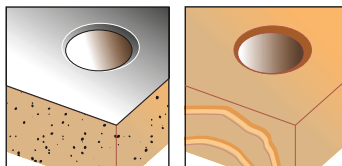
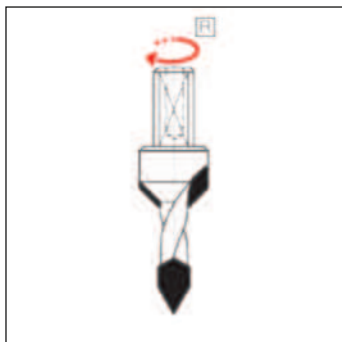
LT 70 mm

Ø D (mm)	LU (mm)	L1 (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	35	70	74	10x20	2	TPP05.0535.70MR	●	TPP05.0535.70ML	●	AP 1045
6	35	70	75	10x20	2	TPP05.0635.70MR	●	TPP05.0635.70ML	●	AP 1084
8	35	70	76,5	10x20	2	TPP05.0835.70MR	●	TPP05.0835.70ML	●	AP 1084
10	35	70	78,5	10x20	2	TPP05.1035.70MR	●	TPP05.1035.70ML	●	AP 1148

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Svasatori componibili 45°

45° Countersink

Ottenuti da acciaio di elevata resistenza meccanica. Con 2 taglienti in HW. Fissaggio mediante vite. Da montare su punte componibili. Indicati per svasare fori su legno, suoi derivati, laminati e simili.

Obtained from steel with a high mechanical resistance. With 2 carbide teeth. Fixing by means of a screw. Use on dowel drills and through hole dowel drills. Indicated to make bevelled holes on solid wood, wood composites, laminated.

Ø F (mm)	Ø D (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
4	14	2	TPP05.0414.R001	●	TPP05.0414.L001	●	AP 455
5	16	2	TPP05.0516.R001	●	TPP05.0516.L001	●	AP 455
6	16	2	TPP05.0616.R001	●	TPP05.0616.L001	●	AP 455
7	18	2	TPP05.0718.R001	●	TPP05.0718.L001	●	AP 455
8	18	2	TPP05.0818.R001	●	TPP05.0818.L001	●	AP 455
9	20	2	TPP05.0920.R001	●	TPP05.0920.L001	●	AP 455
10	20	2	TPP05.1020.R001	●	TPP05.1020.L001	●	AP 478
12	22	2	TPP05.1222.R001	●	TPP05.1222.L001	●	AP 478

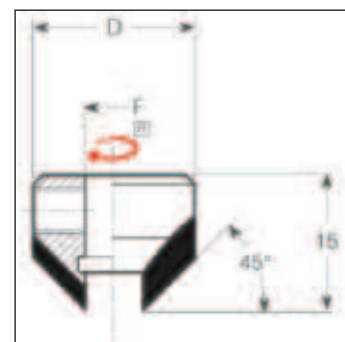
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPP05/4

HW | Z=2



Svasatori componibili 45°

45° Countersink

Ottenuti da acciaio di elevata resistenza meccanica. Con 2 taglienti in HW. Fissaggio mediante vite. Da montare su punte componibili. Indicati per svasare fori su legno, suoi derivati, laminati e simili.

Obtained from steel with a high mechanical resistance. With 2 carbide teeth. Fixing by means of a screw. Use on dowel drills. Indicated to make bevelled holes on solid wood, wood composites, laminated.

Ø F (mm)	Ø D (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5-10	20	2	TPP05.1020.R002	●	TPP05.1020.L002	●	AP 520
12	22	2	TPP05.1222.R002	●	TPP05.1222.L002	●	AP 567

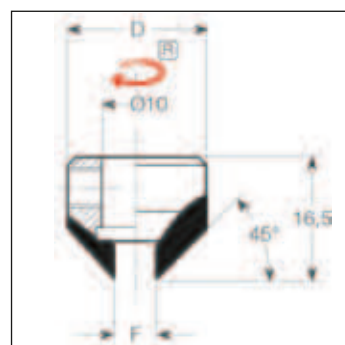
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

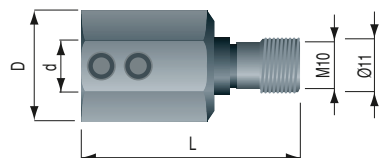
TPP05/5

HW | Z=2

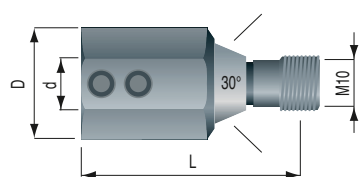


TAH07/1

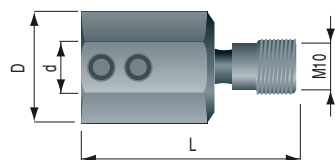
Mandrini per punte componibili Reducing chucks for dowel drills



Attacco per macchine
Chuck for machines
MORBIDELLI - BIESSE



Attacco per macchine
Chuck for machines
VITAP - BUSELLATO - SCHLEICHER



Attacco per macchine
Chuck for machines
AYEN - HOLZMA - MAYER

Tipo A | Type A

Ø F (mm)	Ø D (mm)	LT (mm)	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
8	15,5	41	TAH07.01AR.0815	●	TAH07.01AL.0815	●	B 465
10	19,5	41	TAH07.01AR.1019	●	TAH07.01AL.1019	●	B 390

Tipo B | Type B

Ø F (mm)	Ø D (mm)	LT (mm)	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
8	15,5	46	TAH07.01BR.0815	●	TAH07.01BL.0815	●	B 473
10	19,5	46	TAH07.01BR.1019	●	TAH07.01BL.1019	●	B 390

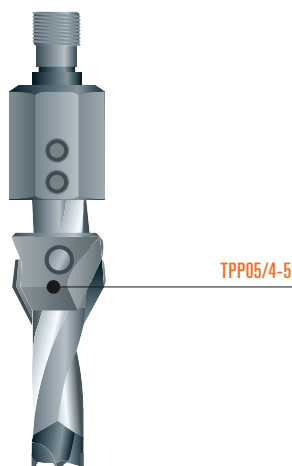
Tipo C | Type C

Ø F (mm)	Ø D (mm)	LT (mm)	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
8	15,5	46	TAH07.01CR.0815	●	TAH07.01CL.0815	●	B 473
10	19,5	46	TAH07.01CR.1019	●	TAH07.01CL.1019	●	B 390

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Esempi di assemblaggio Assembly examples



Esempio di foro cieco
con svasatura

Examples of blind drilling
with countersink

Mandrini per punte componibili

Reducing chucks for dowel drills

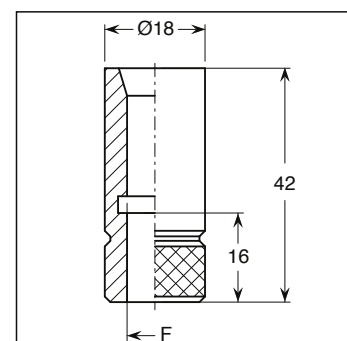
TAH07/2



Ø F (mm)	Ø D (mm)	LT (mm)	Codice / Code	Disp. / Avail.	Cod. listino / Price code
10	18	42	TAH07.1842.10AR	●	B 1197

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

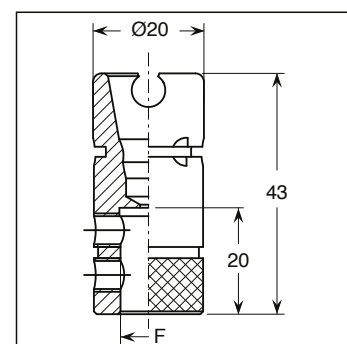
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ø F (mm)	Ø D (mm)	LT (mm)	Codice / Code	Disp. / Avail.	Cod. listino / Price code
10	20	40	TAH07.2040.10AR	●	B 1197

Minimo d'ordine 5 pz / Minimum order quantity 5 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



A large, light gray, stylized graphic of a person running or jumping, overlaid on a background of horizontal lines, suggesting a notebook or a page for notes.

A background image of a white sheet of lined paper with horizontal ruling lines. Overlaid on the paper is a large, faint, light gray watermark of a stylized, abstract letter 'A' or 'V' shape.



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Linea Frese Elicoidali in HW



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HW Router bits

Frese elicoidali HW

Articolo Issue	Cod.	Pag.
NaDia COATING DLC		
Cos'è NaDia <i>What's NaDia</i>		4-5
Esempi di impiego e di lavorazione <i>Router application and working example</i>		6-7
LEGNO WOOD		
Finitura <i>Finishing</i>	TPF07	8
Sgrossatura <i>Roughing</i>	TPF08	27
Testa sferica finitura <i>Round nose finishing</i>	TPF09	54
Doppia elica <i>Dual cut</i>	TPF10	62
Sedi serratura - Mortasare <i>Door locks - Mortising</i>	TPF11	68
Speciali <i>Special</i>	TPF12	78
ALLUMINIO ALUMINUM		
Finitura <i>Finishing</i>	TPF13	81
Sgrossatura <i>Roughing</i>	TPF14	88
PLASTICA PLASTIC		
Finitura <i>Finishing</i>	TPF15	89

Legenda Disponibilità/Availability:

- - Articolo disponibile con spedizione da Twt in 5 gg. lavorativi.
- - *Article available ex stock with delivery from Twt in 5 working days.*
- - Articolo non in stock con spedizione da Twt in 10 gg lavorativi.
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- - *Article available in medium notice and delivery from Twt in 20 working days.*

NB:

- Articoli con rivestimento NaDia i tempi di spedizione del materiale sono spostati in avanti di 5 gg lavorativi rispetto all'articolo non trattato.
- *Article with NaDia coating the delivery time should be increased of 5 working days from the standard version.*



NaDia

■ DIAMOND COATING SOLUTIONS ■



Uno strato di Diamante che allunga la vita *A layer of Diamond that lengthens life*

-  Elevata durezza, resistenza all'abrasione e all'usura, basso coefficiente d'attrito, scorrevolezza ed antiaderenza
Extreme hardness, frictional resistance, resistance to wear, low frictional coefficient
-  Maggiore produzione (3-4 volte in più dell'inserto non ricoperto)
Production increase (3-4 times more productive than an uncoated insert)
-  Migliore finitura superficiale
Better finishing surface
-  Minore manutenzione (tempo risparmiato per il cambio utensile e minori affilature)
Less maintenance (no more wasted time for changing tools and less grinding operations)



Consigliato nelle lavorazioni di: di legno massello, lamellari, materiali plastici, materiali grafitici, plexiglass, vetroresina e metalli leggeri.

Excellent results can be achieved processing on solid wood, plywood, Plexiglas, plastic and graphitic materials, rubber and fiberglass.



Fig. 1

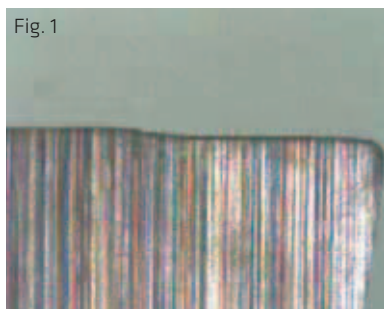
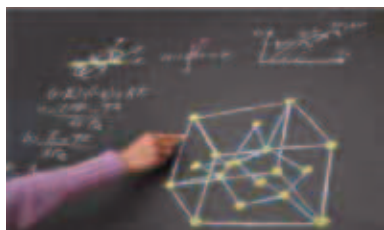
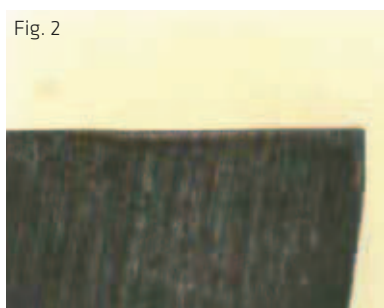


Fig. 2



Cos'è NaDia? | What's NaDia?

Il DLC è un rivestimento innovativo a base di carbonio con ampio spettro di applicazioni che permette di fronteggiare i problemi legati all'abrasione, allo scorrimento e all'aggressione chimica. L'elevata durezza nasce dalla simultanea presenza di carbonio ibridizzato sp² (grafite) e sp³ (diamante).

The DLC is a carbon-based innovative coating with a wide spectrum of applications that allows you to cope with abrasion, sliding, and chemical aggression. The high hardness is due to the simultaneous presence of hybridized carbon sp² (graphite) and sp³ (diamond).

Perché scegliere NaDia? | Why NaDia is your best choice?

Durante la lavorazione, in seguito al prolungato contatto dell'inserto con la superficie lavorata, si innescano dei fenomeni di usura derivanti da azione meccanica (fig. 1). L'arrotondamento del filo tagliente provoca un decadimento della finitura di taglio e quindi minor qualità del manufatto. Conseguenze correlate: maggior sforzo del motore in fase di lavorazione e maggior assorbimento di energia.

During working phases, following the prolonged contact of the insert with the worked surface, the wear phenomenon is caused by mechanical action (fig. 1). The rounding in the top edge of the inserts results in a decay of the cutting finishing and therefore less quality of the product. Related Consequences: Increased engine effort during machining and greater energy absorption.

In fig. 2, a parità di metri lavorati, si nota una minor consumo del filo tagliente. Il vantaggio che la ricopertura NaDia conferisce all'inserto è quello di rallentare notevolmente tutti i normali processi di usura dovuti alla lavorazione. Il coating applicato funge inoltre da scudo protettivo contro il danneggiamento da usura chimica.

Infatti, lavorando materiali con un contenuto di acido tannico (tipo rovere) la smussatura avviene sia per azione meccanica che per azione chimica.

In fig. 2, at equal working meters, you notice a lower consumption of sharp wire. The advantage that NaDia's coating provides for inserts or knives is to greatly slow down all normal wear processes due to working processing. Applied coating layer also acts as a protective shield against chemical damage.

In fact, working over materials with a tannic acid content (oak type) the bevel is done by mechanical action or by chemical action.

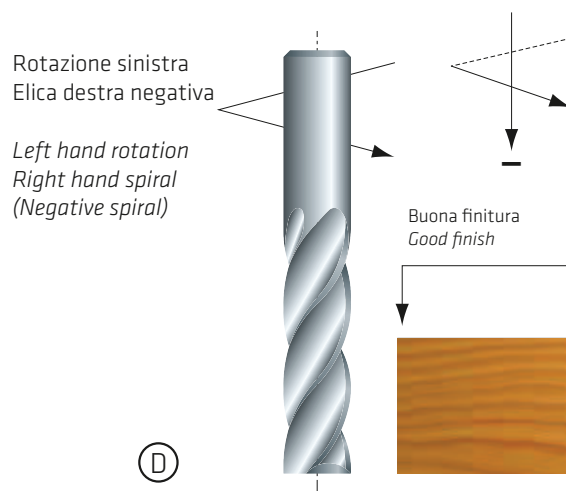
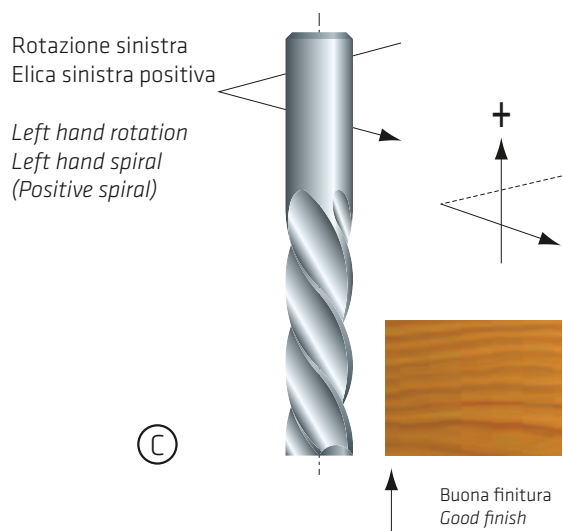
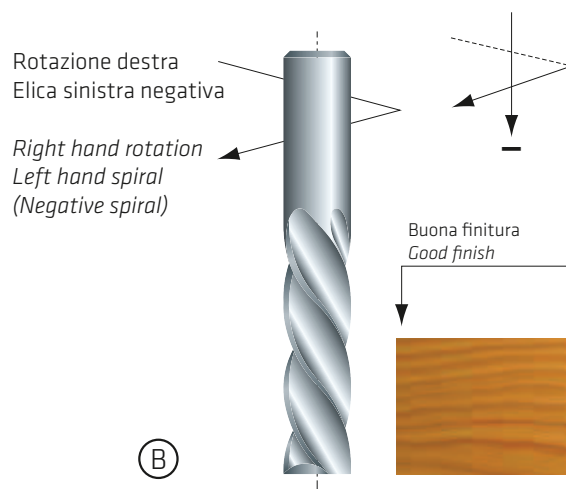
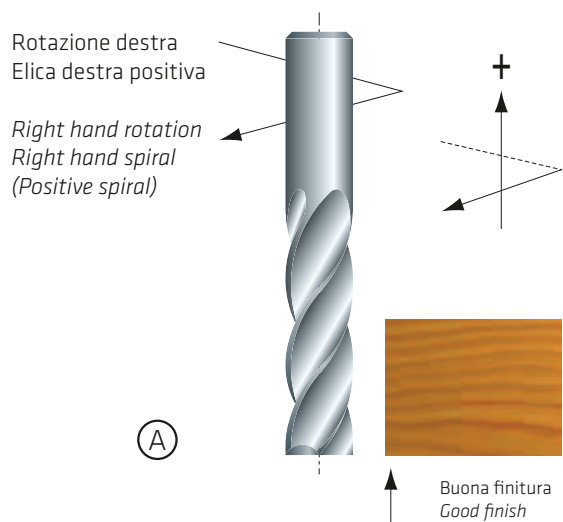
I benefici di NaDia | NaDia benefits

I benefici offerti dal trattamento NaDia sono molteplici: si passa da una maggior durata e miglior finitura garantita da un bassissimo coefficiente d'attrito, fino ad arrivare ad una drastica riduzione delle operazioni di manutenzione e cambio inserti. In questo modo i fermi macchina sono notevolmente ridotti. La resa del tagliente supera in percentuale il 250% arrivando anche a valori del 300% azzerando i costi di manutenzione.

Many are the benefits of NaDia treatment: it goes from a longer life and better finish with a very low friction coefficient to a drastic reduction in maintenance and inserts/knives changes. In this way the machine stops are considerably reduced. The yield of the cutting edge exceeds 250% by 300%, thus allowing a considerable decreasing the maintenance costs.

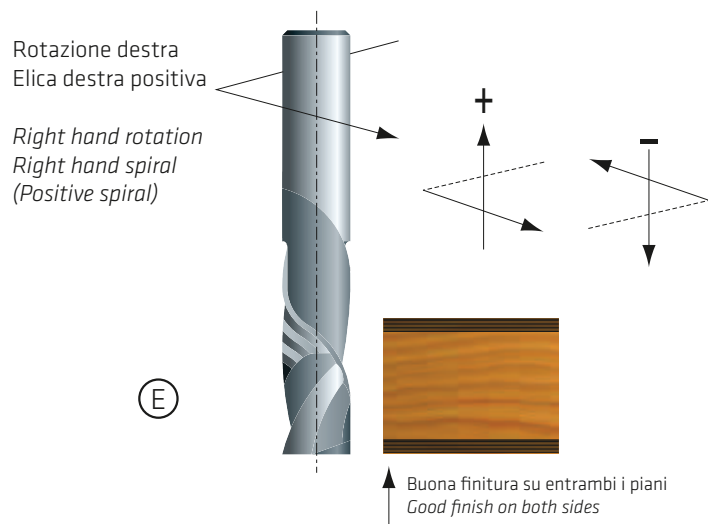
Esempi di impiego

Router application



Esempi di impiego

Router application



Esempi di lavorazione | Working example

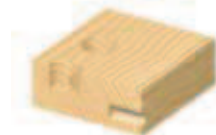
FCN



FP



FC

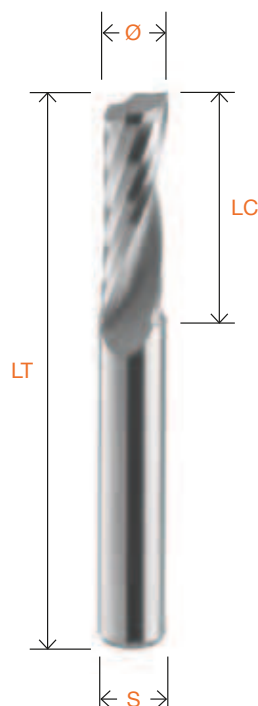


FSV



TPF07/1

HW | Z=1



Esempio d'impiego: pag. 6 |

Router application: page 6 |

Esempio di lavorazione: pag. 6 |

Working example: page 6 |

Fresa HW z:1 elica positiva

HW spiral bits z:1 upcut

Adatta per la lavorazione di legno massiccio. Scarico del truciolo verso l'alto. Finitura migliore sul bordo inferiore del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for working solid wood. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	1	TPF07.03PR.1001	●	AS 486	TPN07.03PR.1001	●	AS 735
4	15	50	4	1	TPF07.04PR.1001	●	AS 534	TPN07.04PR.1001	●	AS 782
5	17	50	5	1	TPF07.05PR.1001	●	AS 620	TPN07.05PR.1001	●	AS 869
6	17	50	6	1	TPF07.06PR.1001	●	AS 698	TPN07.06PR.1001	●	AS 947
6	22	60	6	1	TPF07.06PR.1002	●	AS 796	TPN07.06PR.1002	●	AS 1045
6	27	60	6	1	TPF07.06PR.1003	●	AS 899	TPN07.06PR.1003	●	AS 1148
8	25	60	8	1	TPF07.08PR.1001	●	AS 972	TPN07.08PR.1001	●	AS 1221
8	32	80	8	1	TPF07.08PR.1002	●	AS 1115	TPN07.08PR.1002	●	AS 1363
8	42	90	8	1	TPF07.08PR.1003	●	AS 1346	TPN07.08PR.1003	●	AS 1595
10	32	80	10	1	TPF07.10PR.1001	●	AS 1534	TPN07.10PR.1001	●	AS 1782
10	42	100	10	1	TPF07.10PR.1002	●	AS 1832	TPN07.10PR.1002	●	AS 2081
10	52	100	10	1	TPF07.10PR.1003	●	AS 1992	TPN07.10PR.1003	●	AS 2240
12	32	80	12	1	TPF07.12PR.1001	●	AS 1908	TPN07.12PR.1001	●	AS 2249
12	42	100	12	1	TPF07.12PR.1002	●	AS 2332	TPN07.12PR.1002	●	AS 2670
12	52	100	12	1	TPF07.12PR.1003	●	AS 2570	TPN07.12PR.1003	●	AS 2911

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	1	TPF07.03PL.1001	●	AS 536	TPN07.03PL.1001	●	AS 785
4	15	50	4	1	TPF07.04PL.1001	●	AS 587	TPN07.04PL.1001	●	AS 835
5	17	50	5	1	TPF07.05PL.1001	●	AS 682	TPN07.05PL.1001	●	AS 930
6	17	50	6	1	TPF07.06PL.1001	●	AS 768	TPN07.06PL.1001	●	AS 1017
6	22	60	6	1	TPF07.06PL.1002	●	AS 874	TPN07.06PL.1002	●	AS 1123
6	27	60	6	1	TPF07.06PL.1003	●	AS 989	TPN07.06PL.1003	●	AS 1237
8	25	60	8	1	TPF07.08PL.1001	●	AS 1070	TPN07.08PL.1001	●	AS 1318
8	32	80	8	1	TPF07.08PL.1002	●	AS 1226	TPN07.08PL.1002	●	AS 1475
8	42	90	8	1	TPF07.08PL.1003	●	AS 1480	TPN07.08PL.1003	●	AS 1729
10	32	80	10	1	TPF07.10PL.1001	●	AS 1687	TPN07.10PL.1001	●	AS 1936
10	42	100	10	1	TPF07.10PL.1002	●	AS 2017	TPN07.10PL.1002	●	AS 2265
10	52	100	10	1	TPF07.10PL.1003	●	AS 2193	TPN07.10PL.1003	●	AS 2441
12	32	80	12	1	TPF07.12PL.1001	●	AS 2098	TPN07.12PL.1001	●	AS 2439
12	42	100	12	1	TPF07.12PL.1002	●	AS 2564	TPN07.12PL.1002	●	AS 2905
12	52	100	12	1	TPF07.12PL.1003	●	AS 2827	TPN07.12PL.1003	●	AS 3168

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)
4x15	H10 (3 m/min.)
5x17	H15 (3 m/min.)
6x17	H15 (4,5 m/min.)
8x25	H20 (7,5 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)
4x15	H10 (2 m/min.)
5x17	H15 (2 m/min.)
6x17	H15 (3 m/min.)
8x25	H20 (5 m/min.)

HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)
4x15	H8 (2 m/min.)
5x17	H10 (2 m/min.)
6x17	H10 (3 m/min.)
8x25	H15 (4 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW z:1 elica negativa

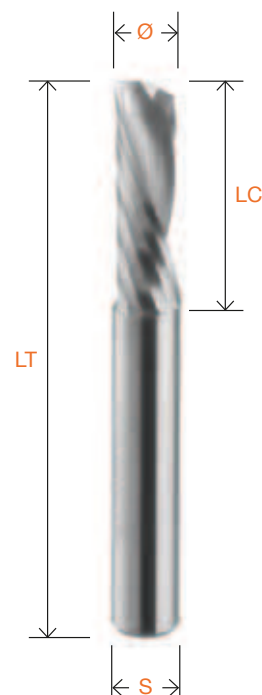
HW spiral bits z:1 downcut

Adatta per la lavorazione di compensati, MDF, legno massiccio con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for working on plywood, MDF, solid wood with vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

TPF07/2

HW | Z=1



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	50	3	1	TPF07.03NR.1001	●	AS 522	TPN07.03NR.1001	●	AS 771
4	15	50	4	1	TPF07.04NR.1001	●	AS 573	TPN07.04NR.1001	●	AS 821
5	17	50	5	1	TPF07.05NR.1001	●	AS 665	TPN07.05NR.1001	●	AS 913
6	17	50	6	1	TPF07.06NR.1001	●	AS 743	TPN07.06NR.1001	●	AS 992
6	22	60	6	1	TPF07.06NR.1002	●	AS 846	TPN07.06NR.1002	●	AS 1095
6	27	60	6	1	TPF07.06NR.1003	●	AS 961	TPN07.06NR.1003	●	AS 1209
8	25	60	8	1	TPF07.08NR.1001	●	AS 1020	TPN07.08NR.1001	●	AS 1268
8	32	80	8	1	TPF07.08NR.1002	●	AS 1170	TPN07.08NR.1002	●	AS 1419
8	42	90	8	1	TPF07.08NR.1003	●	AS 1422	TPN07.08NR.1003	●	AS 1670
10	32	80	10	1	TPF07.10NR.1001	●	AS 1609	TPN07.10NR.1001	●	AS 1858
10	42	100	10	1	TPF07.10NR.1002	●	AS 1919	TPN07.10NR.1002	●	AS 2168
10	52	100	10	1	TPF07.10NR.1003	●	AS 2095	TPN07.10NR.1003	●	AS 2344
12	32	80	12	1	TPF07.12NR.1001	●	AS 1989	TPN07.12NR.1001	●	AS 2330
12	42	100	12	1	TPF07.12NR.1002	●	AS 2430	TPN07.12NR.1002	●	AS 2771
12	52	100	12	1	TPF07.12NR.1003	●	AS 2693	TPN07.12NR.1003	●	AS 3034

Esempio d'impiego: pag. 6 | Router application: page 6



Esempio di lavorazione: pag. 6 | Working example: page 6



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
3	12	50	3	1	TPF07.03NL.1001	●	AS 575	TPN07.03NL.1001	●	AS 824
4	15	50	4	1	TPF07.04NL.1001	●	AS 631	TPN07.04NL.1001	●	AS 880
5	17	50	5	1	TPF07.05NL.1001	●	AS 729	TPN07.05NL.1001	●	AS 978
6	17	50	6	1	TPF07.06NL.1001	●	AS 816	TPN07.06NL.1001	●	AS 1064
6	22	60	6	1	TPF07.06NL.1002	●	AS 933	TPN07.06NL.1002	●	AS 1182
6	27	60	6	1	TPF07.06NL.1003	●	AS 1056	TPN07.06NL.1003	●	AS 1304
8	25	60	8	1	TPF07.08NL.1001	●	AS 1123	TPN07.08NL.1001	●	AS 1372
8	32	80	8	1	TPF07.08NL.1002	●	AS 1288	TPN07.08NL.1002	●	AS 1536
8	42	90	8	1	TPF07.08NL.1003	●	AS 1564	TPN07.08NL.1003	●	AS 1813
10	32	80	10	1	TPF07.10NL.1001	●	AS 1768	TPN07.10NL.1001	●	AS 2017
10	42	100	10	1	TPF07.10NL.1002	●	AS 2112	TPN07.10NL.1002	●	AS 2360
10	52	100	10	1	TPF07.10NL.1003	●	AS 2304	TPN07.10NL.1003	●	AS 2553
12	32	80	12	1	TPF07.12NL.1001	●	AS 2187	TPN07.12NL.1001	●	AS 2528
12	42	100	12	1	TPF07.12NL.1002	●	AS 2673	TPN07.12NL.1002	●	AS 3014
12	52	100	12	1	TPF07.12NL.1003	●	AS 2964	TPN07.12NL.1003	●	AS 3302

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

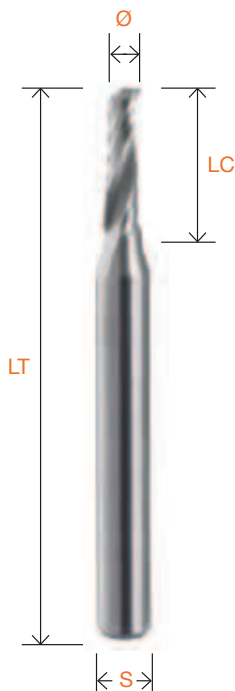
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 18.000 - 24.000 RPM		Hard wood - 18.000 - 24.000 RPM		HPL - 18.000 - 24.000 RPM	
Dimensions	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)
4x15	H10 (3 m/min.)	4x15	H10 (2 m/min.)	4x15	H8 (2 m/min.)
5x17	H15 (3 m/min.)	5x17	H15 (2 m/min.)	5x17	H10 (2 m/min.)
6x17	H15 (4,5 m/min.)	6x17	H15 (3 m/min.)	6x17	H10 (3 m/min.)
8x25	H20 (7,5 m/min.)	8x25	H20 (5 m/min.)	8x25	H15 (4 m/min.)

Dati indicativi / Datas are indicative only

TPF07/3

HW | Z=1



Esempio d'impiego: pag. 6 | ©
Router application: page 6

Esempio di lavorazione: pag. 6 | FCN
Working example: page 6

Micro fresa HW z:1 elica positiva - attacco Ø 4

HW micro spiral bits z:1 upcut - shank Ø 4

Adatta per la lavorazione di legno massiccio. Scarico del truciolo verso l'alto. Finitura migliore sul bordo inferiore del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for working solid wood. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
1	4	40	4	1	TPF07.01PR.1001	●	AS 804	TPN07.01PR.1001	●	AS 1053
1,5	6	40	4	1	TPF07.01PR.1002	●	AS 835	TPN07.01PR.1002	●	AS 1084
2	8	50	4	1	TPF07.02PR.1001	●	AS 838	TPN07.02PR.1001	●	AS 1087
2,5	10	50	4	1	TPF07.02PR.1002	●	AS 818	TPN07.02PR.1002	●	AS 1067

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
1	4	40	4	1	TPF07.01PL.1001	●	AS 883	TPN07.01PL.1001	●	AS 1131
1,5	6	40	4	1	TPF07.01PL.1002	●	AS 916	TPN07.01PL.1002	●	AS 1165
2	8	50	4	1	TPF07.02PL.1001	●	AS 922	TPN07.02PL.1001	●	AS 1170
2,5	10	50	4	1	TPF07.02PL.1002	●	AS 902	TPN07.02PL.1002	●	AS 1151

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF07/4

HW | Z=1



Esempio d'impiego: pag. 6 | ©
Router application: page 6

Esempio di lavorazione: pag. 6 | FCN
Working example: page 6

Micro fresa HW z:1 elica negativa - attacco Ø 4

HW micro spiral bits z:1 downcut - shank Ø 4

Adatta per la lavorazione di compensati, MDF, legno massiccio con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for working on plywood, MDF, solid wood with vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
1	4	40	4	1	TPF07.01NR.1001	●	AS 860	TPN07.01NR.1001	●	AS 1109
1,5	6	40	4	1	TPF07.01NR.1002	●	AS 891	TPN07.01NR.1002	●	AS 1140
2	8	50	4	1	TPF07.02NR.1001	●	AS 894	TPN07.02NR.1001	●	AS 1142
2,5	10	50	4	1	TPF07.02NR.1002	●	AS 874	TPN07.02NR.1002	●	AS 1123

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
1	4	40	4	1	TPF07.01NL.1001	●	AS 944	TPN07.01NL.1001	●	AS 1193
1,5	6	40	4	1	TPF07.01NL.1002	●	AS 980	TPN07.01NL.1002	●	AS 1229
2	8	50	4	1	TPF07.02NL.1001	●	AS 983	TPN07.02NL.1001	●	AS 1232
2,5	10	50	4	1	TPF07.02NL.1002	●	AS 961	TPN07.02NL.1002	●	AS 1209

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:1 elica positiva - attacco Ø 6

HW spiral bits z:1 upcut - shank Ø 6

Adatta per la lavorazione di legno massiccio. Scarico del truciolo verso l'alto. Finitura migliore sul bordo inferiore del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for working solid wood. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	60	6	1	TPF07.02PR.1003	●	AS 930	TPN07.02PR.1003	●	AS 1179
3	12	60	6	1	TPF07.03PR.1002	●	AS 885	TPN07.03PR.1002	●	AS 1134
4	15	60	6	1	TPF07.04PR.1002	●	AS 902	TPN07.04PR.1002	●	AS 1151
5	17	60	6	1	TPF07.05PR.1002	●	AS 908	TPN07.05PR.1002	●	AS 1156

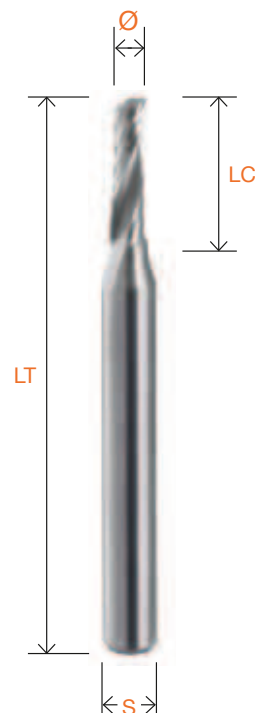
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	60	6	1	TPF07.02PL.1003	●	AS 1022	TPN07.02PL.1003	●	AS 1271
3	12	60	6	1	TPF07.03PL.1002	●	AS 975	TPN07.03PL.1002	●	AS 1223
4	15	60	6	1	TPF07.04PL.1002	●	AS 992	TPN07.04PL.1002	●	AS 1240
5	17	60	6	1	TPF07.05PL.1002	●	AS 997	TPN07.05PL.1002	●	AS 1246

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF07/5

HW | Z=1



Esempio d'impiego: pag. 6 | Router application: page 6 | A ©

Esempio di lavorazione: pag. 6 | Working example: page 6 | FCN

Fresa HW z:1 elica negativa - attacco Ø 6

HW spiral bits z:1 downcut - shank Ø 6

Adatta per la lavorazione di compensati, MDF, legno massiccio con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for working on plywood, MDF, solid wood with vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	60	6	1	TPF07.02NR.1003	●	AS 972	TPN07.02NR.1003	●	AS 1221
3	12	60	6	1	TPF07.03NR.1002	●	AS 922	TPN07.03NR.1002	●	AS 1170
4	15	60	6	1	TPF07.04NR.1002	●	AS 941	TPN07.04NR.1002	●	AS 1190
5	17	60	6	1	TPF07.05NR.1002	●	AS 950	TPN07.05NR.1002	●	AS 1198

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	60	6	1	TPF07.02NL.1003	●	AS 1070	TPN07.02NL.1003	●	AS 1318
3	12	60	6	1	TPF07.03NL.1002	●	AS 1017	TPN07.03NL.1002	●	AS 1265
4	15	60	6	1	TPF07.04NL.1002	●	AS 1036	TPN07.04NL.1002	●	AS 1285
5	17	60	6	1	TPF07.05NL.1002	●	AS 1045	TPN07.05NL.1002	●	AS 1293

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF07/6

HW | Z=1

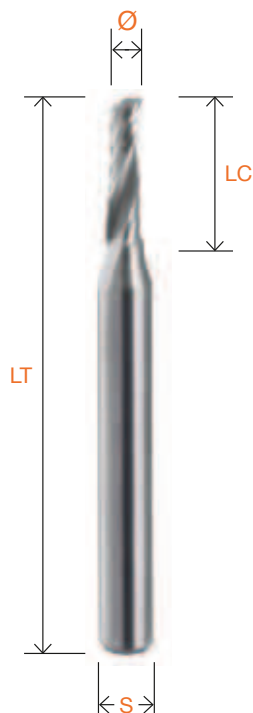


Esempio d'impiego: pag. 6 | Router application: page 6 | B ©

Esempio di lavorazione: pag. 6 | Working example: page 6 | FCN

TPF07/7

HW | Z=1



Esempio d'impiego: pag. 6 |

Router application: page 6

Esempio di lavorazione: pag. 6 |

Working example: page 6

Fresa HW z:1 elica positiva - attacco Ø 8

HW spiral bits z:1 upcut - shank Ø 8

Adatta per la lavorazione di legno massiccio. Scarico del truciolo verso l'alto. Finitura migliore sul bordo inferiore del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for working solid wood. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	1	TPF07.03PR.1003	●	AS 1101	TPN07.03PR.1003	●	AS 1349
4	15	60	8	1	TPF07.04PR.1003	●	AS 1142	TPN07.04PR.1003	●	AS 1391
5	17	60	8	1	TPF07.05PR.1003	●	AS 1165	TPN07.05PR.1003	●	AS 1413
6	27	70	8	1	TPF07.06PR.1004	●	AS 1425	TPN07.06PR.1004	●	AS 1673
7	32	80	8	1	TPF07.07PR.1001	●	AS 1363	TPN07.07PR.1001	●	AS 1612

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	1	TPF07.03PL.1003	●	AS 1209	TPN07.03PL.1003	●	AS 1458
4	15	60	8	1	TPF07.04PL.1003	●	AS 1257	TPN07.04PL.1003	●	AS 1506
5	17	60	8	1	TPF07.05PL.1003	●	AS 1282	TPN07.05PL.1003	●	AS 1531
6	27	70	8	1	TPF07.06PL.1004	●	AS 1567	TPN07.06PL.1004	●	AS 1816
7	32	80	8	1	TPF07.07PL.1002	●	AS 1500	TPN07.07PL.1002	●	AS 1749

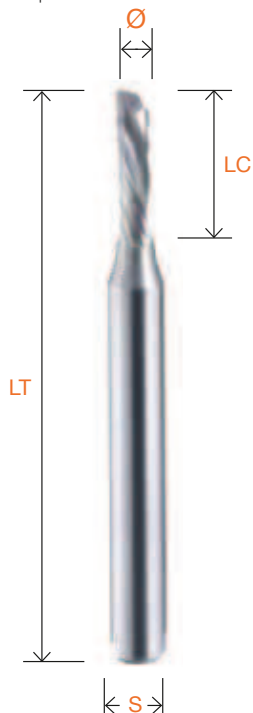
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF07/8

HW | Z=1



Esempio d'impiego: pag. 6 |

Router application: page 6

Esempio di lavorazione: pag. 6 |

Working example: page 6

Fresa HW z:1 elica negativa - attacco Ø 8

HW spiral bits z:1 downcut - shank Ø 8

Adatta per la lavorazione di compensati, MDF, legno massiccio con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for working on plywood, MDF, solid wood with vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	1	TPF07.03NR.1003	●	AS 1137	TPN07.03NR.1003	●	AS 1385
4	15	60	8	1	TPF07.04NR.1003	●	AS 1182	TPN07.04NR.1003	●	AS 1430
5	17	60	8	1	TPF07.05NR.1003	●	AS 1207	TPN07.05NR.1003	●	AS 1455
6	27	70	8	1	TPF07.06NR.1004	●	AS 1486	TPN07.06NR.1004	●	AS 1735
7	32	80	8	1	TPF07.07NR.1001	●	AS 1419	TPN07.07NR.1001	●	AS 1668

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	1	TPF07.03NL.1003	●	AS 1251	TPN07.03NL.1003	●	AS 1500
4	15	60	8	1	TPF07.04NL.1003	●	AS 1299	TPN07.04NL.1003	●	AS 1547
5	17	60	8	1	TPF07.05NL.1003	●	AS 1330	TPN07.05NL.1003	●	AS 1578
6	27	70	8	1	TPF07.06NL.1004	●	AS 1634	TPN07.06NL.1004	●	AS 1883
7	32	80	8	1	TPF07.07NL.1001	●	AS 1561	TPN07.07NL.1001	●	AS 1810

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

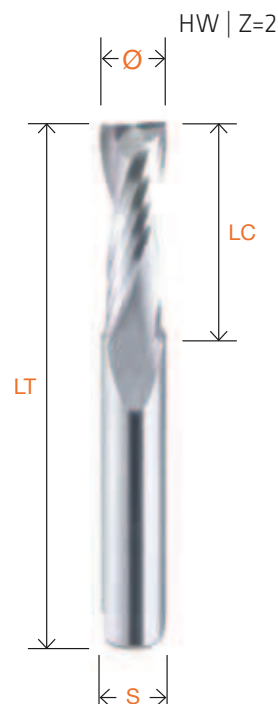
Fresa HW z:2 elica positiva

HW spiral bits z:2 upcut

Adatta per le lavorazioni di contornatura, foratura e finitura di legno massiccio e laminati. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for counturing drilling and finishing solid wood and laminated. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

TPF07/9



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	TPF07.03PR.2001	●	AS 494	TPN07.03PR.2001	●	AS 743
4	15	50	4	2	TPF07.04PR.2001	●	AS 542	TPN07.04PR.2001	●	AS 791
5	17	50	5	2	TPF07.05PR.2001	●	AS 581	TPN07.05PR.2001	●	AS 830
6	17	50	6	2	TPF07.06PR.2001	●	AS 656	TPN07.06PR.2001	●	AS 905
6	22	60	6	2	TPF07.06PR.2002	●	AS 763	TPN07.06PR.2002	●	AS 1011
6	27	60	6	2	TPF07.06PR.2003	●	AS 883	TPN07.06PR.2003	●	AS 1131
8	25	70	8	2	TPF07.08PR.2001	●	AS 894	TPN07.08PR.2001	●	AS 1142
8	32	80	8	2	TPF07.08PR.2002	●	AS 1034	TPN07.08PR.2002	●	AS 1282
8	42	90	8	2	TPF07.08PR.2003	●	AS 1268	TPN07.08PR.2003	●	AS 1517
10	32	80	10	2	TPF07.10PR.2001	●	AS 1360	TPN07.10PR.2001	●	AS 1609
10	42	100	10	2	TPF07.10PR.2002	●	AS 1682	TPN07.10PR.2002	●	AS 1930
10	52	100	10	2	TPF07.10PR.2003	●	AS 1880	TPN07.10PR.2003	●	AS 2128
12	32	80	12	2	TPF07.12PR.2001	●	AS 1701	TPN07.12PR.2001	●	AS 2039
12	42	100	12	2	TPF07.12PR.2002	●	AS 2101	TPN07.12PR.2002	●	AS 2441
12	52	100	12	2	TPF07.12PR.2003	●	AS 2307	TPN07.12PR.2003	●	AS 2648

Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	TPF07.03PL.2001	●	AS 545	TPN07.03PL.2001	●	AS 793
4	15	50	4	2	TPF07.04PL.2001	●	AS 598	TPN07.04PL.2001	●	AS 846
5	17	50	5	2	TPF07.05PL.2001	●	AS 640	TPN07.05PL.2001	●	AS 888
6	17	50	6	2	TPF07.06PL.2001	●	AS 723	TPN07.06PL.2001	●	AS 972
6	22	60	6	2	TPF07.06PL.2002	●	AS 841	TPN07.06PL.2002	●	AS 1089
6	27	60	6	2	TPF07.06PL.2003	●	AS 969	TPN07.06PL.2003	●	AS 1218
8	25	70	8	2	TPF07.08PL.2001	●	AS 983	TPN07.08PL.2001	●	AS 1232
8	32	80	8	2	TPF07.08PL.2002	●	AS 1140	TPN07.08PL.2002	●	AS 1388
8	42	90	8	2	TPF07.08PL.2003	●	AS 1394	TPN07.08PL.2003	●	AS 1642
10	32	80	10	2	TPF07.10PL.2001	●	AS 1494	TPN07.10PL.2001	●	AS 1743
10	42	100	10	2	TPF07.10PL.2002	●	AS 1849	TPN07.10PL.2002	●	AS 2098
10	52	100	10	2	TPF07.10PL.2003	●	AS 2070	TPN07.10PL.2003	●	AS 2318
12	32	80	12	2	TPF07.12PL.2001	●	AS 1872	TPN07.12PL.2001	●	AS 2209
12	42	100	12	2	TPF07.12PL.2002	●	AS 2310	TPN07.12PL.2002	●	AS 2651
12	52	100	12	2	TPF07.12PL.2003	●	AS 2539	TPN07.12PL.2003	●	AS 2877

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

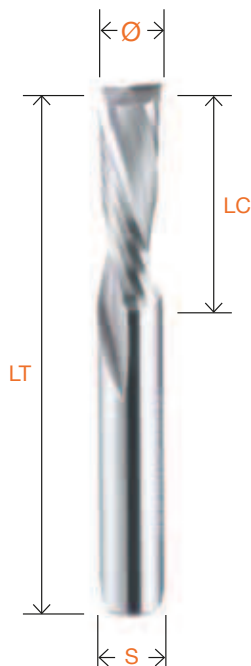
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 18.000 - 24.000 RPM			Hard wood - 18.000 - 24.000 RPM			HPL - 18.000 - 24.000 RPM		
Dimensions	Work thickness (feed speed)	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
6x17	H10 (4 m/min.)	H15 (3 m/min.)	6x17	H10 (3 m/min.)	H15 (2 m/min.)	6x17	H10 (3 m/min.)	H10 (3 m/min.)
10x32	H20 (7 m/min.)	H30 (5 m/min.)	10x32	H20 (5 m/min.)	H30 (4 m/min.)	10x32	H28 (4 m/min.)	H15 (3 m/min.)
12x32	H20 (8 m/min.)	H30 (6 m/min.)	12x32	H20 (6 m/min.)	H30 (5 m/min.)	12x32	H28 (4,5 m/min.)	H15 (4,5 m/min.)
8x25	H20 (7,5 m/min.)	H20 (7,5 m/min.)	8x25	H20 (5 m/min.)	H20 (7,5 m/min.)	8x25	H15 (4 m/min.)	H20 (7,5 m/min.)

Dati indicativi / Datas are indicative only

TPF07/10

HW | Z=2



Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Fresa HW z:2 elica negativa

HW spiral bits z:2 downcut

Adatta per la lavorazione di contornatura e finitura di legno massiccio e laminati con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for counturing and finishing solid wood and laminated with vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	TPF07.03NR.2001	●	AS 531	TPN07.03NR.2001	●	AS 779
4	15	50	4	2	TPF07.04NR.2001	●	AS 584	TPN07.04NR.2001	●	AS 832
5	17	50	5	2	TPF07.05NR.2001	●	AS 620	TPN07.05NR.2001	●	AS 869
6	17	50	6	2	TPF07.06NR.2001	●	AS 698	TPN07.06NR.2001	●	AS 947
6	22	60	6	2	TPF07.06NR.2002	●	AS 813	TPN07.06NR.2002	●	AS 1061
6	27	60	6	2	TPF07.06NR.2003	●	AS 941	TPN07.06NR.2003	●	AS 1190
8	25	70	8	2	TPF07.08NR.2001	●	AS 933	TPN07.08NR.2001	●	AS 1182
8	32	80	8	2	TPF07.08NR.2002	●	AS 1084	TPN07.08NR.2002	●	AS 1332
8	42	90	8	2	TPF07.08NR.2003	●	AS 1335	TPN07.08NR.2003	●	AS 1584
10	32	80	10	2	TPF07.10NR.2001	●	AS 1416	TPN07.10NR.2001	●	AS 1665
10	42	100	10	2	TPF07.10NR.2002	●	AS 1754	TPN07.10NR.2002	●	AS 2003
10	52	100	10	2	TPF07.10NR.2003	●	AS 1972	TPN07.10NR.2003	●	AS 2221
12	32	80	12	2	TPF07.12NR.2001	●	AS 1760	TPN07.12NR.2001	●	AS 2101
12	42	100	12	2	TPF07.12NR.2002	●	AS 2176	TPN07.12NR.2002	●	AS 2517
12	52	100	12	2	TPF07.12NR.2003	●	AS 2405	TPN07.12NR.2003	●	AS 2746

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	TPF07.03NL.2001	●	AS 584	TPN07.03NL.2001	●	AS 832
4	15	50	4	2	TPF07.04NL.2001	●	AS 640	TPN07.04NL.2001	●	AS 888
5	17	50	5	2	TPF07.05NL.2001	●	AS 682	TPN07.05NL.2001	●	AS 930
6	17	50	6	2	TPF07.06NL.2001	●	AS 768	TPN07.06NL.2001	●	AS 1017
6	22	60	6	2	TPF07.06NL.2002	●	AS 894	TPN07.06NL.2002	●	AS 1142
6	27	60	6	2	TPF07.06NL.2003	●	AS 1034	TPN07.06NL.2003	●	AS 1282
8	25	70	8	2	TPF07.08NL.2001	●	AS 1025	TPN07.08NL.2001	●	AS 1274
8	32	80	8	2	TPF07.08NL.2002	●	AS 1193	TPN07.08NL.2002	●	AS 1441
8	42	90	8	2	TPF07.08NL.2003	●	AS 1466	TPN07.08NL.2003	●	AS 1715
10	32	80	10	2	TPF07.10NL.2001	●	AS 1556	TPN07.10NL.2001	●	AS 1804
10	42	100	10	2	TPF07.10NL.2002	●	AS 1927	TPN07.10NL.2002	●	AS 2176
10	52	100	10	2	TPF07.10NL.2003	●	AS 2170	TPN07.10NL.2003	●	AS 2419
12	32	80	12	2	TPF07.12NL.2001	●	AS 1936	TPN07.12NL.2001	●	AS 2277
12	42	100	12	2	TPF07.12NL.2002	●	AS 2394	TPN07.12NL.2002	●	AS 2735
12	52	100	12	2	TPF07.12NL.2003	●	AS 2645	TPN07.12NL.2003	●	AS 2986

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 18.000 - 24.000 RPM			Hard wood - 18.000 - 24.000 RPM			HPL - 18.000 - 24.000 RPM	
Dimensions	Work thickness (feed speed)	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)
6x17	H10 (4 m/min.)	H15 (3 m/min.)	6x17	H10 (3 m/min.)	H15 (2 m/min.)	6x17	H10 (3 m/min.)
10x32	H20 (7 m/min.)	H30 (5 m/min.)	10x32	H20 (5 m/min.)	H30 (4 m/min.)	10x32	H28 (4 m/min.)
12x32	H20 (8 m/min.)	H30 (6 m/min.)	12x32	H20 (6 m/min.)	H30 (5 m/min.)	12x32	H28 (4,5 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW z:1 elica positiva - attacco Ø 6

HW spiral bits z:1 upcut - shank Ø 6

Adatta per le lavorazioni di contornatura, foratura e finitura di legno massiccio e laminati. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for counturing drilling and finishing solid wood and laminated. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with NaDia coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	TPF07.03PR.2002	●	AS 894	TPN07.03PR.2002	●	AS 1142
4	15	60	6	2	TPF07.04PR.2002	●	AS 911	TPN07.04PR.2002	●	AS 1159
5	17	60	6	2	TPF07.05PR.2002	●	AS 866	TPN07.05PR.2002	●	AS 1115

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	TPF07.03PL.2002	●	AS 983	TPN07.03PL.2002	●	AS 1232
4	15	60	6	2	TPF07.04PL.2002	●	AS 1000	TPN07.04PL.2002	●	AS 1249
5	17	60	6	2	TPF07.05PL.2002	●	AS 955	TPN07.05PL.2002	●	AS 1204

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:1 elica negativa - attacco Ø 6

HW spiral bits z:1 downcut - shank Ø 6

Adatta per la lavorazione di contornatura e finitura di legno massiccio e laminati con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for counturing and finishing solid wood and laminated with vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with NaDia coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	TPF07.03NR.2002	●	AS 933	TPN07.03NR.2002	●	AS 1182
4	15	60	6	2	TPF07.04NR.2002	●	AS 950	TPN07.04NR.2002	●	AS 1198
5	17	60	6	2	TPF07.05NR.2002	●	AS 905	TPN07.05NR.2002	●	AS 1154

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	TPF07.03NL.2002	●	AS 1025	TPN07.03NL.2002	●	AS 1274
4	15	60	6	2	TPF07.04NL.2002	●	AS 1045	TPN07.04NL.2002	●	AS 1293
5	17	60	6	2	TPF07.05NL.2002	●	AS 997	TPN07.05NL.2002	●	AS 1246

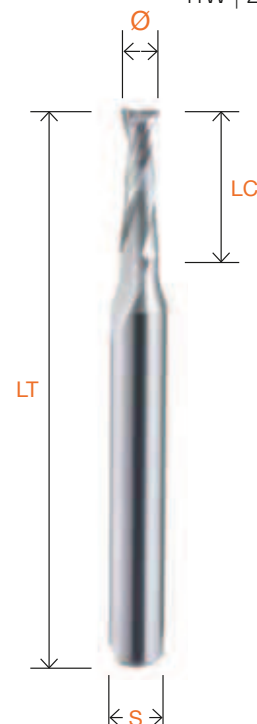
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF07/11

HW | Z=1

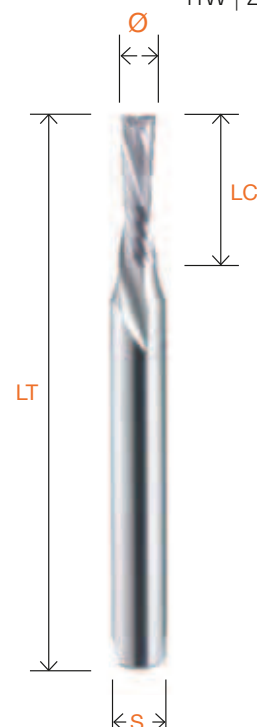


Esempio d'impiego: pag. 6 | Router application: page 6 | A ©

Esempio di lavorazione: pag. 6 | Working example: page 6 | FCN

TPF07/12

HW | Z=1

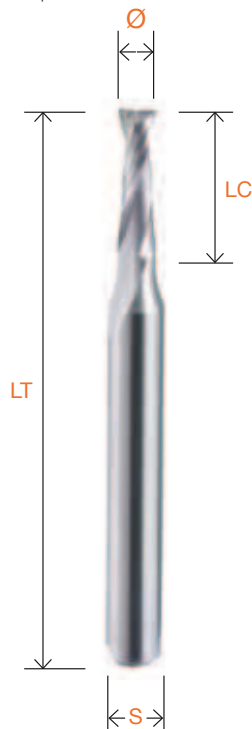


Esempio d'impiego: pag. 6 | Router application: page 6 | B ©

Esempio di lavorazione: pag. 6 | Working example: page 6 | FCN

TPF07/13

HW | Z=2



Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Fresa HW z:2 elica positiva - attacco Ø 8

HW spiral bits z:2 upcut - shank Ø 8

Adatta per le lavorazioni di contornatura, foratura e finitura di legno massiccio e laminati. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for counturing drilling and finishing solid wood and laminated. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with NaDia coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	2	TPF07.03PR.2003	●	AS 1109	TPN07.03PR.2003	●	AS 1358
4	15	60	8	2	TPF07.04PR.2003	●	AS 1151	TPN07.04PR.2003	●	AS 1399
5	17	60	8	2	TPF07.05PR.2003	●	AS 1254	TPN07.05PR.2003	●	AS 1503
6	27	70	8	2	TPF07.06PR.2004	●	AS 1405	TPN07.06PR.2004	●	AS 1654
7	32	80	8	2	TPF07.07PR.2001	●	AS 1285	TPN07.07PR.2001	●	AS 1534

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	2	TPF07.03PL.2003	●	AS 1218	TPN07.03PL.2003	●	AS 1466
4	15	60	8	2	TPF07.04PL.2003	●	AS 1265	TPN07.04PL.2003	●	AS 1514
5	17	60	8	2	TPF07.05PL.2003	●	AS 1380	TPN07.05PL.2003	●	AS 1628
6	27	70	8	2	TPF07.06PL.2004	●	AS 1547	TPN07.06PL.2004	●	AS 1796
7	32	80	8	2	TPF07.07PL.2002	●	AS 1411	TPN07.07PL.2002	●	AS 1659

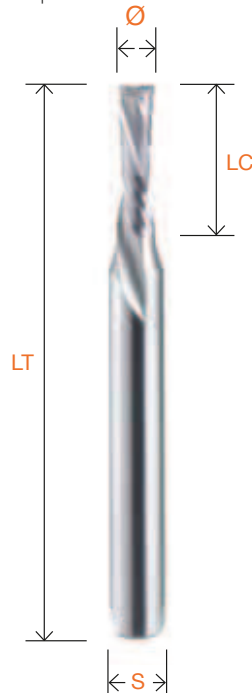
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF07/14

HW | Z=2



Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Fresa z:2 elica negativa - attacco Ø 8

Spiral bits z:2 downcut - shank Ø 8

Adatta per la lavorazione di contornatura e finitura di legno massiccio e laminati con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for counturing and finishing solid wood and laminated with vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with NaDia coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	2	TPF07.03NR.2003	●	AS 1145	TPN07.03NR.2003	●	AS 1394
4	15	60	8	2	TPF07.04NR.2003	●	AS 1190	TPN07.04NR.2003	●	AS 1439
5	17	60	8	2	TPF07.05NR.2003	●	AS 1302	TPN07.05NR.2003	●	AS 1550
6	27	70	8	2	TPF07.06NR.2004	●	AS 1464	TPN07.06NR.2004	●	AS 1712
7	32	80	8	2	TPF07.07NR.2001	●	AS 1332	TPN07.07NR.2001	●	AS 1581

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	2	TPF07.03NL.2003	●	AS 1260	TPN07.03NL.2003	●	AS 1508
4	15	60	8	2	TPF07.04NL.2003	●	AS 1307	TPN07.04NL.2003	●	AS 1556
5	17	60	8	2	TPF07.05NL.2003	●	AS 1430	TPN07.05NL.2003	●	AS 1679
6	27	70	8	2	TPF07.06NL.2004	●	AS 1612	TPN07.06NL.2004	●	AS 1860
7	32	80	8	2	TPF07.07NL.2001	●	AS 1466	TPN07.07NL.2001	●	AS 1715

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:2 diritta

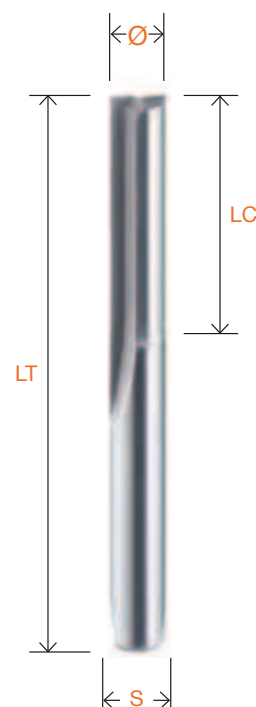
HW straight BITS z:2

Adatta per lavorazioni di asole passanti su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for working through holes on solid wood, veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with **NaDia** coating DLC.

TPF07/15

HW | Z=2



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
6	17	50	6	2	TPF07.06DR.2001	●	AS 617	TPN07.06DR.2001	●	AS 866
6	22	55	6	2	TPF07.06DR.2002	●	AS 698	TPN07.06DR.2002	●	AS 947
6	27	60	6	2	TPF07.06DR.2003	●	AS 804	TPN07.06DR.2003	●	AS 1053
8	25	60	8	2	TPF07.08DR.2001	●	AS 796	TPN07.08DR.2001	●	AS 1045
8	32	65	8	2	TPF07.08DR.2002	●	AS 899	TPN07.08DR.2002	●	AS 1148
10	25	65	10	2	TPF07.10DR.2001	●	AS 1103	TPN07.10DR.2001	●	AS 1352
10	32	70	10	2	TPF07.10DR.2002	●	AS 1218	TPN07.10DR.2002	●	AS 1466
10	42	80	10	2	TPF07.10DR.2003	●	AS 1439	TPN07.10DR.2003	●	AS 1687
12	32	70	12	2	TPF07.12DR.2001	●	AS 1520	TPN07.12DR.2001	●	AS 1860
12	42	80	12	2	TPF07.12DR.2002	●	AS 1782	TPN07.12DR.2002	●	AS 2123

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
6	17	50	6	2	TPF07.06DL.2001	●	AS 709	TPN07.06DL.2001	●	AS 958
6	22	55	6	2	TPF07.06DL.2002	●	AS 802	TPN07.06DL.2002	●	AS 1050
6	27	60	6	2	TPF07.06DL.2003	●	AS 927	TPN07.06DL.2003	●	AS 1176
8	25	60	8	2	TPF07.08DL.2001	●	AS 913	TPN07.08DL.2001	●	AS 1162
8	32	65	8	2	TPF07.08DL.2002	●	AS 1034	TPN07.08DL.2002	●	AS 1282
10	25	65	10	2	TPF07.10DL.2001	●	AS 1268	TPN07.10DL.2001	●	AS 1517
10	32	70	10	2	TPF07.10DL.2002	●	AS 1399	TPN07.10DL.2002	●	AS 1648
10	42	80	10	2	TPF07.10DL.2003	●	AS 1654	TPN07.10DL.2003	●	AS 1902
12	32	70	12	2	TPF07.12DL.2001	●	AS 1746	TPN07.12DL.2001	●	AS 2087
12	42	80	12	2	TPF07.12DL.2002	●	AS 2050	TPN07.12DL.2002	●	AS 2391

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 18.000 - 24.000 RPM			Hard wood - 18.000 - 24.000 RPM			HPL - 18.000 - 24.000 RPM	
Dimensions	Work thickness (feed speed)	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)
6x17	H10 (4 m/min.)	H15 (3 m/min.)	6x17	H10 (3 m/min.)	H15 (2 m/min.)	6x17	H10 (3 m/min.)
10x32	H20 (7 m/min.)	H30 (5 m/min.)	10x32	H20 (5 m/min.)	H30 (4 m/min.)	10x32	H28 (4 m/min.)
12x32	H20 (8 m/min.)	H30 (6 m/min.)	12x32	H20 (6 m/min.)	H30 (5 m/min.)	12x32	H28 (4,5 m/min.)

Dati indicativi / Datas are indicative only

TPF07/16

HW | Z=2



Fresa HW z:2 diritta - attacco Ø 6

HW straight bits z:2 - shank Ø 6

Adatta per lavorazioni di asole passanti su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for working through holes on solid wood, veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
2	6	55	6	2	TPF07.02DR.2001	●	AS 818	TPN07.02DR.2001	●	AS 1067
3	10	55	6	2	TPF07.03DR.2001	●	AS 793	TPN07.03DR.2001	●	AS 1042
4	12	55	6	2	TPF07.04DR.2001	●	AS 785	TPN07.04DR.2001	●	AS 1034
5	17	55	6	2	TPF07.05DR.2001	●	AS 810	TPN07.05DR.2001	●	AS 1059

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
2	6	55	6	2	TPF07.02DL.2001	●	AS 899	TPN07.02DL.2001	●	AS 1148
3	10	55	6	2	TPF07.03DL.2001	●	AS 874	TPN07.03DL.2001	●	AS 1123
4	12	55	6	2	TPF07.04DL.2001	●	AS 863	TPN07.04DL.2001	●	AS 1112
5	17	55	6	2	TPF07.05DL.2001	●	AS 891	TPN07.05DL.2001	●	AS 1140

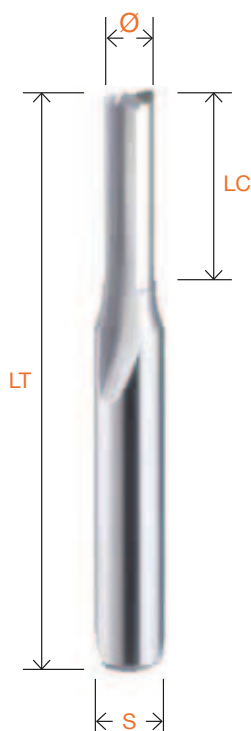
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF07/17

HW | Z=2



Fresa HW z:2 diritta - attacco Ø 8

HW straight bits z:2 - shank Ø 8

Adatta per lavorazioni di asole passanti su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for working through holes on solid wood, veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	10	55	8	2	TPF07.03DR.2002	●	AS 983	TPN07.03DR.2002	●	AS 1232
4	12	55	8	2	TPF07.04DR.2002	●	AS 992	TPN07.04DR.2002	●	AS 1240
5	17	55	8	2	TPF07.05DR.2002	●	AS 1056	TPN07.05DR.2002	●	AS 1304
6	22	60	8	2	TPF07.06DR.2004	●	AS 1159	TPN07.06DR.2004	●	AS 1408
6	27	60	8	2	TPF07.06DR.2005	●	AS 1291	TPN07.06DR.2005	●	AS 1539
7	27	60	8	2	TPF07.07DR.2001	●	AS 1042	TPN07.07DR.2001	●	AS 1291

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	10	55	8	2	TPF07.03DL.2002	●	AS 1081	TPN07.03DL.2002	●	AS 1330
4	12	55	8	2	TPF07.04DL.2002	●	AS 1089	TPN07.04DL.2002	●	AS 1338
5	17	55	8	2	TPF07.05DL.2002	●	AS 1162	TPN07.05DL.2002	●	AS 1411
6	22	60	8	2	TPF07.06DL.2004	●	AS 1274	TPN07.06DL.2004	●	AS 1522
6	27	60	8	2	TPF07.06DL.2005	●	AS 1419	TPN07.06DL.2005	●	AS 1668
7	27	60	8	2	TPF07.07DL.2001	●	AS 1145	TPN07.07DL.2001	●	AS 1394

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:2 diritta - attacco Ø 10

HW straight bits z:2 - shank Ø 10

Adatta per lavorazioni di asole passanti su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for working through holes on solid wood, veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
5	20	60	10	2	TPF07.05DR.2003	●	AS 1500	TPN07.05DR.2003	●	AS 1749
6	22	60	10	2	TPF07.06DR.2006	●	AS 1480	TPN07.06DR.2006	●	AS 1729
6	27	60	10	2	TPF07.06DR.2007	●	AS 1640	TPN07.06DR.2007	●	AS 1888
7	32	70	10	2	TPF07.07DR.2002	●	AS 1615	TPN07.07DR.2002	●	AS 1863
8	25	60	10	2	TPF07.08DR.2003	●	AS 1293	TPN07.08DR.2003	●	AS 1542
8	32	70	10	2	TPF07.08DR.2004	●	AS 1511	TPN07.08DR.2004	●	AS 1760

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
5	20	60	10	2	TPF07.05DL.2003	●	AS 1651	TPN07.05DL.2003	●	AS 1899
6	22	60	10	2	TPF07.06DL.2006	●	AS 1626	TPN07.06DL.2006	●	AS 1874
6	27	60	10	2	TPF07.06DL.2007	●	AS 1802	TPN07.06DL.2007	●	AS 2050
7	32	70	10	2	TPF07.07DL.2002	●	AS 1774	TPN07.07DL.2002	●	AS 2022
8	25	60	10	2	TPF07.08DL.2003	●	AS 1425	TPN07.08DL.2003	●	AS 1673
8	32	70	10	2	TPF07.08DL.2004	●	AS 1662	TPN07.08DL.2004	●	AS 1911

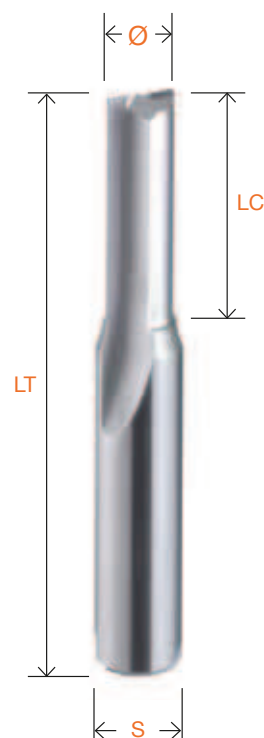
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

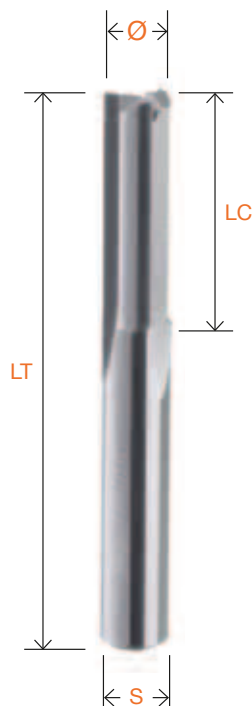
TPF07/18

HW | Z=2



TPF07/19

HW | Z=3



Fresa HW z:3 diretta

HW straight bits z:3 upcut

Adatta per lavorazioni di asole passanti su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for working through holes on solid wood, veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
6	17	50	6	3	TPF07.06DR.3001	●	AS 749	TPN07.06DR.3001	●	AS 997
6	22	55	6	3	TPF07.06DR.3002	●	AS 852	TPN07.06DR.3002	●	AS 1101
6	27	60	6	3	TPF07.06DR.3003	●	AS 994	TPN07.06DR.3003	●	AS 1243
8	25	60	8	3	TPF07.08DR.3001	●	AS 947	TPN07.08DR.3001	●	AS 1196
8	32	65	8	3	TPF07.08DR.3002	●	AS 1075	TPN07.08DR.3002	●	AS 1324
10	25	65	10	3	TPF07.10DR.3001	●	AS 1321	TPN07.10DR.3001	●	AS 1570
10	32	70	10	3	TPF07.10DR.3002	●	AS 1464	TPN07.10DR.3002	●	AS 1712
10	42	80	10	3	TPF07.10DR.3003	●	AS 1760	TPN07.10DR.3003	●	AS 2008
12	32	70	12	3	TPF07.12DR.3001	●	AS 1740	TPN07.12DR.3001	●	AS 2078
12	42	80	12	3	TPF07.12DR.3002	●	AS 2042	TPN07.12DR.3002	●	AS 2380

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
6	17	50	6	3	TPF07.06DL.3001	●	AS 863	TPN07.06DL.3001	●	AS 1112
6	22	55	6	3	TPF07.06DL.3002	●	AS 980	TPN07.06DL.3002	●	AS 1229
6	27	60	6	3	TPF07.06DL.3003	●	AS 1142	TPN07.06DL.3003	●	AS 1391
8	25	60	8	3	TPF07.08DL.3001	●	AS 1087	TPN07.08DL.3001	●	AS 1335
8	32	65	8	3	TPF07.08DL.3002	●	AS 1235	TPN07.08DL.3002	●	AS 1483
10	25	65	10	3	TPF07.10DL.3001	●	AS 1520	TPN07.10DL.3001	●	AS 1768
10	32	70	10	3	TPF07.10DL.3002	●	AS 1682	TPN07.10DL.3002	●	AS 1930
10	42	80	10	3	TPF07.10DL.3003	●	AS 2022	TPN07.10DL.3003	●	AS 2271
12	32	70	12	3	TPF07.12DL.3001	●	AS 2000	TPN07.12DL.3001	●	AS 2341
12	42	80	12	3	TPF07.12DL.3002	●	AS 2346	TPN07.12DL.3002	●	AS 2687

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:3 elica positiva

HW spiral bits z:3 upcut

Adatta per le lavorazioni di contornatura, foratura e finitura di legno massiccio e laminati. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for counturing drilling and finishing solid wood and laminated. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	TPF07.08PR.3004	●	AS 919	TPN07.08PR.3004	●	AS 1168
8	32	80	8	3	TPF07.08PR.3005	●	AS 1059	TPN07.08PR.3005	●	AS 1307
8	42	90	8	3	TPF07.08PR.3006	●	AS 1324	TPN07.08PR.3006	●	AS 1573
10	32	80	10	3	TPF07.10PR.3004	●	AS 1422	TPN07.10PR.3004	●	AS 1670
10	42	100	10	3	TPF07.10PR.3005	●	AS 1768	TPN07.10PR.3005	●	AS 2017
10	52	100	10	3	TPF07.10PR.3006	●	AS 2017	TPN07.10PR.3006	●	AS 2265
12	32	80	12	3	TPF07.12PR.3004	●	AS 1732	TPN07.12PR.3004	●	AS 2073
12	42	100	12	3	TPF07.12PR.3005	●	AS 2126	TPN07.12PR.3005	●	AS 2464
12	52	100	12	3	TPF07.12PR.3006	●	AS 2341	TPN07.12PR.3006	●	AS 2679
14	42	100	14	3	TPF07.14PR.3003	●	AS 2676	TPN07.14PR.3003	●	AS 3017
14	52	100	14	3	TPF07.14PR.3004	●	AS 2883	TPN07.14PR.3004	●	AS 3223
16	42	100	16	3	TPF07.16PR.3004	●	AS 3293	TPN07.16PR.3004	●	AS 3631
16	52	100	16	3	TPF07.16PR.3005	●	AS 3453	TPN07.16PR.3005	●	AS 3791
16	72	120	16	3	TPF07.16PR.3006	●	AS 4263	TPN07.16PR.3006	●	AS 4777
18	52	100	18	3	TPF07.18PR.3003	●	AS 4235	TPN07.18PR.3003	●	AS 4763
18	72	130	18	3	TPF07.18PR.3004	●	AS 5405	TPN07.18PR.3004	●	AS 6008
20	52	100	20	3	TPF07.20PR.3005	●	AS 5000	TPN07.20PR.3005	●	AS 5528
20	72	130	20	3	TPF07.20PR.3006	●	AS 6369	TPN07.20PR.3006	●	AS 6972
20	85	150	20	3	TPF07.20PR.3007	●	AS 7318	TPN07.20PR.3007	●	AS 7922
20	102	160	20	3	TPF07.20PR.3008	●	AS 8087	TPN07.20PR.3008	●	AS 8693

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	TPF07.08PL.3004	●	AS 1011	TPN07.08PL.3004	●	AS 1260
8	32	80	8	3	TPF07.08PL.3005	●	AS 1165	TPN07.08PL.3005	●	AS 1413
8	42	90	8	3	TPF07.08PL.3006	●	AS 1455	TPN07.08PL.3006	●	AS 1704
10	32	80	10	3	TPF07.10PL.3004	●	AS 1564	TPN07.10PL.3004	●	AS 1813
10	42	100	10	3	TPF07.10PL.3005	●	AS 1947	TPN07.10PL.3005	●	AS 2196
10	52	100	10	3	TPF07.10PL.3006	●	AS 2218	TPN07.10PL.3006	●	AS 2466
12	32	80	12	3	TPF07.12PL.3004	●	AS 1905	TPN07.12PL.3004	●	AS 2246
12	42	100	12	3	TPF07.12PL.3005	●	AS 2338	TPN07.12PL.3005	●	AS 2676
12	52	100	12	3	TPF07.12PL.3006	●	AS 2573	TPN07.12PL.3006	●	AS 2913
14	42	100	14	3	TPF07.14PL.3003	●	AS 2944	TPN07.14PL.3003	●	AS 3282
14	52	100	14	3	TPF07.14PL.3004	●	AS 3170	TPN07.14PL.3004	●	AS 3511
16	42	100	16	3	TPF07.16PL.3004	●	AS 3617	TPN07.16PL.3004	●	AS 3958
16	52	100	16	3	TPF07.16PL.3005	●	AS 3793	TPN07.16PL.3005	●	AS 4134
16	72	120	16	3	TPF07.16PL.3006	●	AS 4690	TPN07.16PL.3006	●	AS 5201
18	52	100	18	3	TPF07.18PL.3003	●	AS 4656	TPN07.18PL.3003	●	AS 5184
18	72	130	18	3	TPF07.18PL.3004	●	AS 5947	TPN07.18PL.3004	●	AS 6550
20	52	100	20	3	TPF07.20PL.3005	●	AS 5503	TPN07.20PL.3005	●	AS 6031
20	72	130	20	3	TPF07.20PL.3006	●	AS 7006	TPN07.20PL.3006	●	AS 7612
20	85	150	20	3	TPF07.20PL.3007	●	AS 8047	TPN07.20PL.3007	●	AS 8654
20	102	160	20	3	TPF07.20PL.3008	●	AS 8897	TPN07.20PL.3008	●	AS 9500

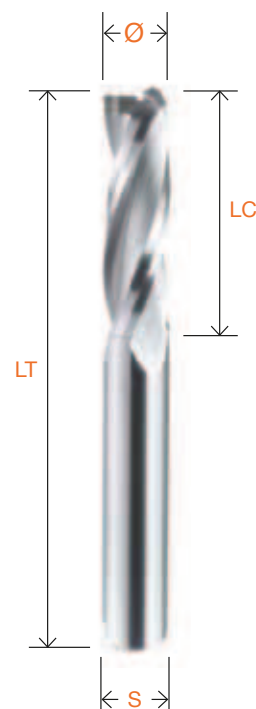
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF07/20

HW | Z=3



Esempio d'impiego: pag. 6

Router application: page 6

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Esempio di lavorazione: pag. 6

Working example: page 6

FCN

LEGNO / WOOD

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (8 m/min.)	H30 (7 m/min.)
14x42	H30 (9 m/min.)	H40 (8 m/min.)
20x52	H40 (10-11 m/min.)	H50 (9 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

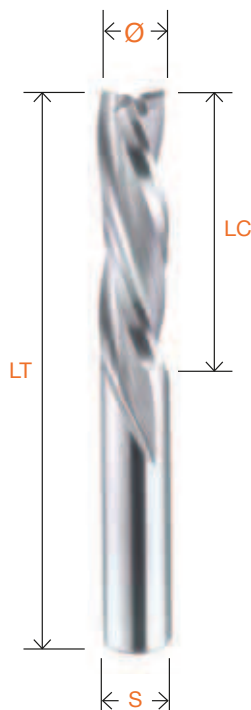
HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

Dati indicativi / Datas are indicative only

TPF07/21

HW | Z=3



Esempio d'impiego: pag. 6 |
Router application: page 6

Esempio di lavorazione: pag. 6 |
Working example: page 6

Fresa HW z:3 elica negativa

HW spiral bits z:3 downcut

Adatta per la lavorazione di contornatura e finitura di legno massiccio e laminati con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for counturing and finishing solid wood and laminated with vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
8	25	70	8	3	TPF07.08NR.3004	●	AS 961	TPN07.08NR.3004	●	AS 1209
8	32	80	8	3	TPF07.08NR.3005	●	AS 1109	TPN07.08NR.3005	●	AS 1358
8	42	90	8	3	TPF07.08NR.3006	●	AS 1394	TPN07.08NR.3006	●	AS 1642
10	32	80	10	3	TPF07.10NR.3004	●	AS 1486	TPN07.10NR.3004	●	AS 1735
10	42	100	10	3	TPF07.10NR.3005	●	AS 1849	TPN07.10NR.3005	●	AS 2098
10	52	100	10	3	TPF07.10NR.3006	●	AS 2120	TPN07.10NR.3006	●	AS 2369
12	32	80	12	3	TPF07.12NR.3004	●	AS 1796	TPN07.12NR.3004	●	AS 2137
12	42	100	12	3	TPF07.12NR.3005	●	AS 2204	TPN07.12NR.3005	●	AS 2545
12	52	100	12	3	TPF07.12NR.3006	●	AS 2439	TPN07.12NR.3006	●	AS 2779
14	42	100	14	3	TPF07.14NR.3003	●	AS 2765	TPN07.14NR.3003	●	AS 3106
14	52	110	14	3	TPF07.14NR.3004	●	AS 3154	TPN07.14NR.3004	●	AS 3668
16	42	100	16	3	TPF07.16NR.3004	●	AS 3397	TPN07.16NR.3004	●	AS 3735
16	52	110	16	3	TPF07.16NR.3005	●	AS 3777	TPN07.16NR.3005	●	AS 4288
16	72	130	16	3	TPF07.16NR.3006	●	AS 4628	TPN07.16NR.3006	●	AS 5140
18	52	110	18	3	TPF07.18NR.3003	●	AS 4634	TPN07.18NR.3003	●	AS 5240
18	72	130	18	3	TPF07.18NR.3004	●	AS 5592	TPN07.18NR.3004	●	AS 6196
20	52	110	20	3	TPF07.20NR.3005	●	AS 5478	TPN07.20NR.3005	●	AS 6081
20	72	130	20	3	TPF07.20NR.3006	●	AS 6564	TPN07.20NR.3006	●	AS 7170
20	85	150	20	3	TPF07.20NR.3007	●	AS 7542	TPN07.20NR.3007	●	AS 8148
20	102	160	20	3	TPF07.20NR.3008	●	AS 8360	TPN07.20NR.3008	●	AS 8964

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
8	25	70	8	3	TPF07.08NL.3004	●	AS 1056	TPN07.08NL.3004	●	AS 1304
8	32	80	8	3	TPF07.08NL.3005	●	AS 1221	TPN07.08NL.3005	●	AS 1469
8	42	90	8	3	TPF07.08NL.3006	●	AS 1534	TPN07.08NL.3006	●	AS 1782
10	32	80	10	3	TPF07.10NL.3004	●	AS 1634	TPN07.10NL.3004	●	AS 1883
10	42	100	10	3	TPF07.10NL.3005	●	AS 2034	TPN07.10NL.3005	●	AS 2282
10	52	100	10	3	TPF07.10NL.3006	●	AS 2332	TPN07.10NL.3006	●	AS 2581
12	32	80	12	3	TPF07.12NL.3004	●	AS 1975	TPN07.12NL.3004	●	AS 2316
12	42	100	12	3	TPF07.12NL.3005	●	AS 2425	TPN07.12NL.3005	●	AS 2763
12	52	100	12	3	TPF07.12NL.3006	●	AS 2684	TPN07.12NL.3006	●	AS 3022
14	42	100	14	3	TPF07.14NL.3003	●	AS 3042	TPN07.14NL.3003	●	AS 3383
14	52	110	14	3	TPF07.14NL.3004	●	AS 3469	TPN07.14NL.3004	●	AS 3983
16	42	100	16	3	TPF07.16NL.3004	●	AS 3732	TPN07.16NL.3004	●	AS 4073
16	52	110	16	3	TPF07.16NL.3005	●	AS 4156	TPN07.16NL.3005	●	AS 4668
16	72	130	16	3	TPF07.16NL.3006	●	AS 5089	TPN07.16NL.3006	●	AS 5603
18	52	110	18	3	TPF07.18NL.3003	●	AS 5098	TPN07.18NL.3003	●	AS 5701
18	72	130	18	3	TPF07.18NL.3004	●	AS 6151	TPN07.18NL.3004	●	AS 6754
20	52	110	20	3	TPF07.20NL.3005	●	AS 6025	TPN07.20NL.3005	●	AS 6628
20	72	130	20	3	TPF07.20NL.3006	●	AS 7221	TPN07.20NL.3006	●	AS 7824
20	85	150	20	3	TPF07.20NL.3007	●	AS 8296	TPN07.20NL.3007	●	AS 8899
20	102	160	20	3	TPF07.20NL.3008	●	AS 9196	TPN07.20NL.3008	●	AS 9799

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (8 m/min.)	H30 (7 m/min.)
14x42	H30 (9 m/min.)	H40 (8 m/min.)
20x52	H40 (10-11 m/min.)	H50 (9 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW z:3 elica positiva (finitura - sgrossatura)

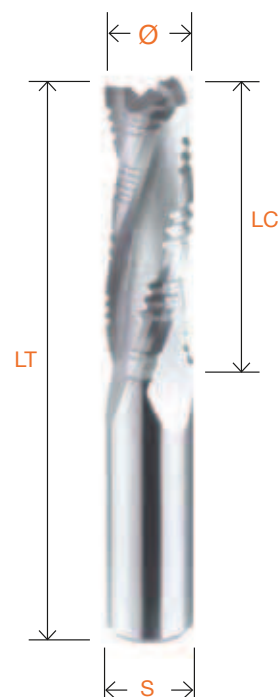
HW spiral bits z:3 upcut shank (finishing - roughing)

Adatta per le lavorazioni di contornatura, foratura e finitura di legno massiccio e laminati. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for counturing drilling and finishing solid wood and laminated. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

TPF07/22

HW | Z=3



Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	TPF07.08PR.3001	●	AS 1564	TPN07.08PR.3001	●	AS 1813
8	32	80	8	3	TPF07.08PR.3002	●	AS 1802	TPN07.08PR.3002	●	AS 2050
8	42	90	8	3	TPF07.08PR.3003	●	AS 2232	TPN07.08PR.3003	●	AS 2480
10	32	80	10	3	TPF07.10PR.3001	●	AS 2263	TPN07.10PR.3001	●	AS 2511
10	42	100	10	3	TPF07.10PR.3002	●	AS 2841	TPN07.10PR.3002	●	AS 3089
10	52	100	10	3	TPF07.10PR.3003	●	AS 3388	TPN07.10PR.3003	●	AS 3637
12	32	80	12	3	TPF07.12PR.3001	●	AS 2732	TPN07.12PR.3001	●	AS 3073
12	42	100	12	3	TPF07.12PR.3002	●	AS 3318	TPN07.12PR.3002	●	AS 3659
12	52	100	12	3	TPF07.12PR.3003	●	AS 3723	TPN07.12PR.3003	●	AS 4061
14	42	100	14	3	TPF07.14PR.3001	●	AS 4059	TPN07.14PR.3001	●	AS 4399
14	52	100	14	3	TPF07.14PR.3002	●	AS 4525	TPN07.14PR.3002	●	AS 4863
16	42	100	16	3	TPF07.16PR.3001	●	AS 4883	TPN07.16PR.3001	●	AS 5223
16	52	100	16	3	TPF07.16PR.3002	●	AS 5251	TPN07.16PR.3002	●	AS 5592
16	72	120	16	3	TPF07.16PR.3003	●	AS 6612	TPN07.16PR.3003	●	AS 7126
18	52	100	18	3	TPF07.18PR.3001	●	AS 6142	TPN07.18PR.3001	●	AS 6670
18	72	130	18	3	TPF07.18PR.3002	●	AS 7754	TPN07.18PR.3002	●	AS 8358
20	52	100	20	3	TPF07.20PR.3001	●	AS 7338	TPN07.20PR.3001	●	AS 7869
20	72	130	20	3	TPF07.20PR.3002	●	AS 9196	TPN07.20PR.3002	●	AS 9799
20	85	150	20	3	TPF07.20PR.3003	●	AS 10606	TPN07.20PR.3003	●	AS 11209
20	102	160	20	3	TPF07.20PR.3004	●	AS 12187	TPN07.20PR.3004	●	AS 12793

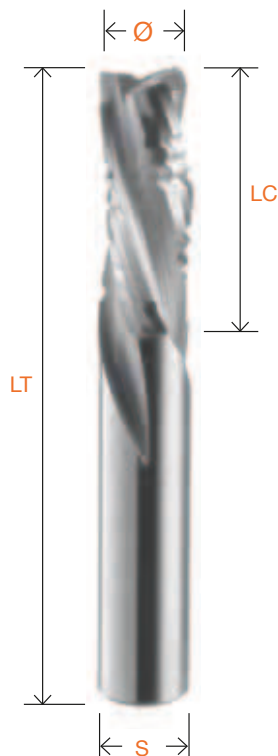
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	TPF07.08PL.3001	●	AS 1721	TPN07.08PL.3001	●	AS 1969
8	32	80	8	3	TPF07.08PL.3002	●	AS 1983	TPN07.08PL.3002	●	AS 2232
8	42	90	8	3	TPF07.08PL.3003	●	AS 2455	TPN07.08PL.3003	●	AS 2704
10	32	80	10	3	TPF07.10PL.3001	●	AS 2489	TPN07.10PL.3001	●	AS 2737
10	42	100	10	3	TPF07.10PL.3002	●	AS 3123	TPN07.10PL.3002	●	AS 3372
10	52	100	10	3	TPF07.10PL.3003	●	AS 3726	TPN07.10PL.3003	●	AS 3975
12	32	80	12	3	TPF07.12PL.3001	●	AS 3003	TPN07.12PL.3001	●	AS 3344
12	42	100	12	3	TPF07.12PL.3002	●	AS 3648	TPN07.12PL.3002	●	AS 3986
12	52	100	12	3	TPF07.12PL.3003	●	AS 4095	TPN07.12PL.3003	●	AS 4436
14	42	100	14	3	TPF07.14PL.3001	●	AS 4464	TPN07.14PL.3001	●	AS 4804
14	52	100	14	3	TPF07.14PL.3002	●	AS 4975	TPN07.14PL.3002	●	AS 5316
16	42	100	16	3	TPF07.16PL.3001	●	AS 5369	TPN07.16PL.3001	●	AS 5709
16	52	100	16	3	TPF07.16PL.3002	●	AS 5777	TPN07.16PL.3002	●	AS 6117
16	72	120	16	3	TPF07.16PL.3003	●	AS 7271	TPN07.16PL.3003	●	AS 7785
18	52	100	18	3	TPF07.18PL.3001	●	AS 6760	TPN07.18PL.3001	●	AS 7288
18	72	130	18	3	TPF07.18PL.3002	●	AS 8531	TPN07.18PL.3002	●	AS 9137
20	52	100	20	3	TPF07.20PL.3001	●	AS 8073	TPN07.20PL.3001	●	AS 8601
20	72	130	20	3	TPF07.20PL.3002	●	AS 10115	TPN07.20PL.3002	●	AS 10718
20	85	150	20	3	TPF07.20PL.3003	●	AS 11665	TPN07.20PL.3003	●	AS 12268
20	102	160	20	3	TPF07.20PL.3004	●	AS 13405	TPN07.20PL.3004	●	AS 14011

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF07/23

HW | Z=3



Esempio d'impiego: pag. 6
Router application: page 6

Esempio di lavorazione: pag. 6
Working example: page 6

Fresa HW z:3 elica NEGATIVA (finitura - sgrossatura)

HW spiral bits z:3 DOWNCUT shank (finishing - roughing)

Adatta per la lavorazione di contornatura e finitura di legno massiccio e laminati con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for counturing and finishing solid wood and laminated with vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	TPF07.08NR.3001	●	AS 1673	TPN07.08NR.3001	●	AS 1922
8	32	80	8	3	TPF07.08NR.3002	●	AS 1927	TPN07.08NR.3002	●	AS 2176
8	42	90	8	3	TPF07.08NR.3003	●	AS 2394	TPN07.08NR.3003	●	AS 2642
10	32	80	10	3	TPF07.10NR.3001	●	AS 2411	TPN07.10NR.3001	●	AS 2659
10	42	100	10	3	TPF07.10NR.3002	●	AS 3028	TPN07.10NR.3002	●	AS 3277
10	52	100	10	3	TPF07.10NR.3003	●	AS 3628	TPN07.10NR.3003	●	AS 3877
12	32	80	12	3	TPF07.12NR.3001	●	AS 2894	TPN07.12NR.3001	●	AS 3235
12	42	100	12	3	TPF07.12NR.3002	●	AS 3517	TPN07.12NR.3002	●	AS 3858
12	52	100	12	3	TPF07.12NR.3003	●	AS 3961	TPN07.12NR.3003	●	AS 4302
14	42	100	14	3	TPF07.14NR.3001	●	AS 4288	TPN07.14NR.3001	●	AS 4628
14	52	100	14	3	TPF07.14NR.3002	●	AS 4961	TPN07.14NR.3002	●	AS 5302
16	42	100	16	3	TPF07.16NR.3001	●	AS 5145	TPN07.16NR.3001	●	AS 5483
16	52	100	16	3	TPF07.16NR.3002	●	AS 5760	TPN07.16NR.3002	●	AS 6101
16	72	120	16	3	TPF07.16NR.3003	●	AS 7215	TPN07.16NR.3003	●	AS 7726
18	52	100	18	3	TPF07.18NR.3001	●	AS 6737	TPN07.18NR.3001	●	AS 7265
18	72	130	18	3	TPF07.18NR.3002	●	AS 8173	TPN07.18NR.3002	●	AS 8777
20	52	100	20	3	TPF07.20NR.3001	●	AS 8047	TPN07.20NR.3001	●	AS 8575
20	72	130	20	3	TPF07.20NR.3002	●	AS 9673	TPN07.20NR.3002	●	AS 10279
20	85	150	20	3	TPF07.20NR.3003	●	AS 11156	TPN07.20NR.3003	●	AS 11760
20	102	160	20	3	TPF07.20NR.3004	●	AS 12869	TPN07.20NR.3004	●	AS 13472

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	TPF07.08NL.3001	●	AS 1841	TPN07.08NL.3001	●	AS 2089
8	32	80	8	3	TPF07.08NL.3002	●	AS 2120	TPN07.08NL.3002	●	AS 2369
8	42	90	8	3	TPF07.08NL.3003	●	AS 2631	TPN07.08NL.3003	●	AS 2880
10	32	80	10	3	TPF07.10NL.3001	●	AS 2651	TPN07.10NL.3001	●	AS 2899
10	42	100	10	3	TPF07.10NL.3002	●	AS 3330	TPN07.10NL.3002	●	AS 3578
10	52	100	10	3	TPF07.10NL.3003	●	AS 3994	TPN07.10NL.3003	●	AS 4243
12	32	80	12	3	TPF07.12NL.3001	●	AS 3184	TPN07.12NL.3001	●	AS 3525
12	42	100	12	3	TPF07.12NL.3002	●	AS 3866	TPN07.12NL.3002	●	AS 4207
12	52	100	12	3	TPF07.12NL.3003	●	AS 4360	TPN07.12NL.3003	●	AS 4698
14	42	100	14	3	TPF07.14NL.3001	●	AS 4718	TPN07.14NL.3001	●	AS 5059
14	52	100	14	3	TPF07.14NL.3002	●	AS 5458	TPN07.14NL.3002	●	AS 5799
16	42	100	16	3	TPF07.16NL.3001	●	AS 5659	TPN07.16NL.3001	●	AS 6000
16	52	100	16	3	TPF07.16NL.3002	●	AS 6335	TPN07.16NL.3002	●	AS 6676
16	72	120	16	3	TPF07.16NL.3003	●	AS 7933	TPN07.16NL.3003	●	AS 8447
18	52	100	18	3	TPF07.18NL.3001	●	AS 7411	TPN07.18NL.3001	●	AS 7939
18	72	130	18	3	TPF07.18NL.3002	●	AS 8989	TPN07.18NL.3002	●	AS 9595
20	52	100	20	3	TPF07.20NL.3001	●	AS 8849	TPN07.20NL.3001	●	AS 9380
20	72	130	20	3	TPF07.20NL.3002	●	AS 10640	TPN07.20NL.3002	●	AS 11246
20	85	150	20	3	TPF07.20NL.3003	●	AS 12274	TPN07.20NL.3003	●	AS 12877
20	102	160	20	3	TPF07.20NL.3004	●	AS 14154	TPN07.20NL.3004	●	AS 14757

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:2+2 rtg elica positiva

HW spiral bits z:2+2 rtg upcut

Adatta per lavorazioni di contornatura con buona finitura di legno massiccio e impiallacciati con discreta velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for counturing solid wood and venners with medium feed speed. Good surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	2+2	TPF07.08PR.4001	●	AS 1310	TPN07.08PR.4001	●	AS 1559
8	32	80	8	2+2	TPF07.08PR.4002	●	AS 1528	TPN07.08PR.4002	●	AS 1777
8	42	90	8	2+2	TPF07.08PR.4003	●	AS 1983	TPN07.08PR.4003	●	AS 2232
10	32	80	10	2+2	TPF07.10PR.4001	●	AS 2003	TPN07.10PR.4001	●	AS 2251
10	42	100	10	2+2	TPF07.10PR.4002	●	AS 2508	TPN07.10PR.4002	●	AS 2757
10	52	100	10	2+2	TPF07.10PR.4003	●	AS 2983	TPN07.10PR.4003	●	AS 3232
12	32	80	12	2+2	TPF07.12PR.4001	●	AS 2318	TPN07.12PR.4001	●	AS 2659
12	42	100	12	2+2	TPF07.12PR.4002	●	AS 2849	TPN07.12PR.4002	●	AS 3190
12	52	100	12	2+2	TPF07.12PR.4003	●	AS 3263	TPN07.12PR.4003	●	AS 3603
14	42	100	14	2+2	TPF07.14PR.4001	●	AS 3511	TPN07.14PR.4001	●	AS 3849
14	52	100	14	2+2	TPF07.14PR.4002	●	AS 3905	TPN07.14PR.4002	●	AS 4246
16	42	100	16	2+2	TPF07.16PR.4001	●	AS 4240	TPN07.16PR.4001	●	AS 4581
16	52	100	16	2+2	TPF07.16PR.4002	●	AS 4397	TPN07.16PR.4002	●	AS 4735
16	72	120	16	2+2	TPF07.16PR.4003	●	AS 5908	TPN07.16PR.4003	●	AS 6419
18	52	100	18	2+2	TPF07.18PR.4001	●	AS 5553	TPN07.18PR.4001	●	AS 6081
18	72	130	18	2+2	TPF07.18PR.4002	●	AS 7092	TPN07.18PR.4002	●	AS 7696
20	52	100	20	2+2	TPF07.20PR.4001	●	AS 6422	TPN07.20PR.4001	●	AS 6950
20	72	130	20	2+2	TPF07.20PR.4002	●	AS 8162	TPN07.20PR.4002	●	AS 8768
20	85	150	20	2+2	TPF07.20PR.4003	●	AS 9391	TPN07.20PR.4003	●	AS 9994
20	102	160	20	2+2	TPF07.20PR.4004	●	AS 10581	TPN07.20PR.4004	●	AS 11184

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	2+2	TPF07.08PL.4001	●	AS 1441	TPN07.08PL.4001	●	AS 1690
8	32	80	8	2+2	TPF07.08PL.4002	●	AS 1682	TPN07.08PL.4002	●	AS 1930
8	42	90	8	2+2	TPF07.08PL.4003	●	AS 2182	TPN07.08PL.4003	●	AS 2430
10	32	80	10	2+2	TPF07.10PL.4001	●	AS 2201	TPN07.10PL.4001	●	AS 2450
10	42	100	10	2+2	TPF07.10PL.4002	●	AS 2760	TPN07.10PL.4002	●	AS 3008
10	52	100	10	2+2	TPF07.10PL.4003	●	AS 3282	TPN07.10PL.4003	●	AS 3531
12	32	80	12	2+2	TPF07.12PL.4001	●	AS 2550	TPN07.12PL.4001	●	AS 2891
12	42	100	12	2+2	TPF07.12PL.4002	●	AS 3134	TPN07.12PL.4002	●	AS 3475
12	52	100	12	2+2	TPF07.12PL.4003	●	AS 3587	TPN07.12PL.4003	●	AS 3927
14	42	100	14	2+2	TPF07.14PL.4001	●	AS 3858	TPN07.14PL.4001	●	AS 4198
14	52	100	14	2+2	TPF07.14PL.4002	●	AS 4296	TPN07.14PL.4002	●	AS 4634
16	42	100	16	2+2	TPF07.16PL.4001	●	AS 4668	TPN07.16PL.4001	●	AS 5008
16	52	100	16	2+2	TPF07.16PL.4002	●	AS 4835	TPN07.16PL.4002	●	AS 5176
16	72	120	16	2+2	TPF07.16PL.4003	●	AS 6497	TPN07.16PL.4003	●	AS 7011
18	52	100	18	2+2	TPF07.18PL.4001	●	AS 6106	TPN07.18PL.4001	●	AS 6637
18	72	130	18	2+2	TPF07.18PL.4002	●	AS 7802	TPN07.18PL.4002	●	AS 8405
20	52	100	20	2+2	TPF07.20PL.4001	●	AS 7064	TPN07.20PL.4001	●	AS 7592
20	72	130	20	2+2	TPF07.20PL.4002	●	AS 8980	TPN07.20PL.4002	●	AS 9584
20	85	150	20	2+2	TPF07.20PL.4003	●	AS 10332	TPN07.20PL.4003	●	AS 10939
20	102	160	20	2+2	TPF07.20PL.4004	●	AS 11637	TPN07.20PL.4004	●	AS 12240

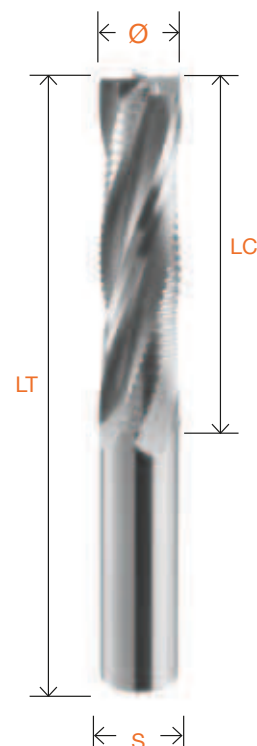
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF07/24

HW | Z=2+2

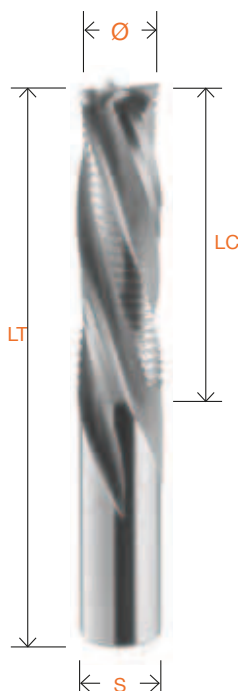


Esempio d'impiego: pag. 6 | Router application: page 6 | (A) (C)

Esempio di lavorazione: pag. 6 | Working example: page 6 | (FCN)

TPF07/25

HW | Z=2+2



Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Fresa HW z:2+2 rtg elica negativa

HW spiral bits z:2+2 rtg downcut

Adatta per le lavorazioni di contornatura con buona finitura di legno massiccio e impiallacciati con discreta velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for counturing solid wood and veneers with medium feed speed. Good surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	2+2	TPF07.08NR.4001	●	AS 1394	TPN07.08NR.4001	●	AS 1642
8	32	80	8	2+2	TPF07.08NR.4002	●	AS 1626	TPN07.08NR.4002	●	AS 1874
8	42	90	8	2+2	TPF07.08NR.4003	●	AS 2120	TPN07.08NR.4003	●	AS 2369
10	32	80	10	2+2	TPF07.10NR.4001	●	AS 2123	TPN07.10NR.4001	●	AS 2372
10	42	100	10	2+2	TPF07.10NR.4002	●	AS 2665	TPN07.10NR.4002	●	AS 2913
10	52	100	10	2+2	TPF07.10NR.4003	●	AS 3184	TPN07.10NR.4003	●	AS 3433
12	32	80	12	2+2	TPF07.12NR.4001	●	AS 2441	TPN07.12NR.4001	●	AS 2779
12	42	100	12	2+2	TPF07.12NR.4002	●	AS 3000	TPN07.12NR.4002	●	AS 3341
12	52	100	12	2+2	TPF07.12NR.4003	●	AS 3455	TPN07.12NR.4003	●	AS 3796
14	42	100	14	2+2	TPF07.14NR.4001	●	AS 3682	TPN07.14NR.4001	●	AS 4022
14	52	100	14	2+2	TPF07.14NR.4002	●	AS 4282	TPN07.14NR.4002	●	AS 4620
16	42	100	16	2+2	TPF07.16NR.4001	●	AS 4441	TPN07.16NR.4001	●	AS 4782
16	52	100	16	2+2	TPF07.16NR.4002	●	AS 4986	TPN07.16NR.4002	●	AS 5327
16	72	120	16	2+2	TPF07.16NR.4003	●	AS 6240	TPN07.16NR.4003	●	AS 6751
18	52	100	18	2+2	TPF07.18NR.4001	●	AS 6087	TPN07.18NR.4001	●	AS 6615
18	72	130	18	2+2	TPF07.18NR.4002	●	AS 7444	TPN07.18NR.4002	●	AS 8047
20	52	100	20	2+2	TPF07.20NR.4001	●	AS 7039	TPN07.20NR.4001	●	AS 7567
20	72	130	20	2+2	TPF07.20NR.4002	●	AS 8539	TPN07.20NR.4002	●	AS 9142
20	85	150	20	2+2	TPF07.20NR.4003	●	AS 9824	TPN07.20NR.4003	●	AS 10427
20	102	160	20	2+2	TPF07.20NR.4004	●	AS 11101	TPN07.20NR.4004	●	AS 11704

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	2+2	TPF07.08NL.4001	●	AS 1534	TPN07.08NL.4001	●	AS 1782
8	32	80	8	2+2	TPF07.08NL.4002	●	AS 1788	TPN07.08NL.4002	●	AS 2036
8	42	90	8	2+2	TPF07.08NL.4003	●	AS 2332	TPN07.08NL.4003	●	AS 2581
10	32	80	10	2+2	TPF07.10NL.4001	●	AS 2335	TPN07.10NL.4001	●	AS 2584
10	42	100	10	2+2	TPF07.10NL.4002	●	AS 2930	TPN07.10NL.4002	●	AS 3179
10	52	100	10	2+2	TPF07.10NL.4003	●	AS 3503	TPN07.10NL.4003	●	AS 3751
12	32	80	12	2+2	TPF07.12NL.4001	●	AS 2684	TPN07.12NL.4001	●	AS 3025
12	42	100	12	2+2	TPF07.12NL.4002	●	AS 3302	TPN07.12NL.4002	●	AS 3640
12	52	100	12	2+2	TPF07.12NL.4003	●	AS 3796	TPN07.12NL.4003	●	AS 4137
14	42	100	14	2+2	TPF07.14NL.4001	●	AS 4050	TPN07.14NL.4001	●	AS 4391
14	52	100	14	2+2	TPF07.14NL.4002	●	AS 4709	TPN07.14NL.4002	●	AS 5050
16	42	100	16	2+2	TPF07.16NL.4001	●	AS 4885	TPN07.16NL.4001	●	AS 5226
16	52	100	16	2+2	TPF07.16NL.4002	●	AS 5483	TPN07.16NL.4002	●	AS 5824
16	72	120	16	2+2	TPF07.16NL.4003	●	AS 6863	TPN07.16NL.4003	●	AS 7374
18	52	100	18	2+2	TPF07.18NL.4001	●	AS 6696	TPN07.18NL.4001	●	AS 7223
18	72	130	18	2+2	TPF07.18NL.4002	●	AS 8187	TPN07.18NL.4002	●	AS 8793
20	52	100	20	2+2	TPF07.20NL.4001	●	AS 7743	TPN07.20NL.4001	●	AS 8271
20	72	130	20	2+2	TPF07.20NL.4002	●	AS 9391	TPN07.20NL.4002	●	AS 9994
20	85	150	20	2+2	TPF07.20NL.4003	●	AS 10804	TPN07.20NL.4003	●	AS 11411
20	102	160	20	2+2	TPF07.20NL.4004	●	AS 12209	TPN07.20NL.4004	●	AS 12813

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

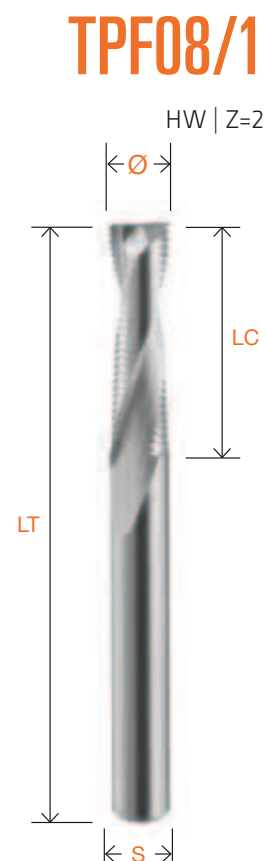
Fresa HW z:2 rtf elica positiva rtf = passo 1 mm

HW spiral bits z:2 rtf upcut - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	50	3	2	1	TPF08.03PR.X001	●	AS 905	TPN08.03PR.X001	●	AS 1154
4	15	50	4	2	1	TPF08.04PR.X001	●	AS 980	TPN08.04PR.X001	●	AS 1229
5	17	50	5	2	1	TPF08.05PR.X001	●	AS 1011	TPN08.05PR.X001	●	AS 1260
6	17	50	6	2	1	TPF08.06PR.X003	●	AS 1112	TPN08.06PR.X003	●	AS 1360
6	22	60	6	2	1	TPF08.06PR.X004	●	AS 1299	TPN08.06PR.X004	●	AS 1547
6	27	65	6	2	1	TPF08.06PR.X005	●	AS 1525	TPN08.06PR.X005	●	AS 1774
8	25	70	8	2	1	TPF08.08PR.X007	●	AS 1335	TPN08.08PR.X007	●	AS 1584
8	32	80	8	2	1	TPF08.08PR.X008	●	AS 1570	TPN08.08PR.X008	●	AS 1818
8	42	90	8	2	1	TPF08.08PR.X009	●	AS 1994	TPN08.08PR.X009	●	AS 2243
10	32	80	10	2	1	TPF08.10PR.X007	●	AS 1980	TPN08.10PR.X007	●	AS 2229
10	42	100	10	2	1	TPF08.10PR.X008	●	AS 2469	TPN08.10PR.X008	●	AS 2718
10	52	100	10	2	1	TPF08.10PR.X009	●	AS 2888	TPN08.10PR.X009	●	AS 3137
12	32	80	12	2	1	TPF08.12PR.X007	●	AS 2366	TPN08.12PR.X007	●	AS 2707
12	42	100	12	2	1	TPF08.12PR.X008	●	AS 2941	TPN08.12PR.X008	●	AS 3282
12	52	100	12	2	1	TPF08.12PR.X009	●	AS 3377	TPN08.12PR.X009	●	AS 3715



Esempio d'impiego: pag. 6 | Router application: page 6



Esempio di lavorazione: pag. 6 | Working example: page 6



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
3	12	50	3	2	1	TPF08.03PL.X001	●	AS 997	TPN08.03PL.X001	●	AS 1246
4	15	50	4	2	1	TPF08.04PL.X001	●	AS 1078	TPN08.04PL.X001	●	AS 1327
5	17	50	5	2	1	TPF08.05PL.X001	●	AS 1112	TPN08.05PL.X001	●	AS 1360
6	17	50	6	2	1	TPF08.06PL.X003	●	AS 1223	TPN08.06PL.X003	●	AS 1472
6	22	60	6	2	1	TPF08.06PL.X004	●	AS 1427	TPN08.06PL.X004	●	AS 1676
6	27	65	6	2	1	TPF08.06PL.X005	●	AS 1676	TPN08.06PL.X005	●	AS 1925
8	25	70	8	2	1	TPF08.08PL.X007	●	AS 1466	TPN08.08PL.X007	●	AS 1715
8	32	80	8	2	1	TPF08.08PL.X008	●	AS 1726	TPN08.08PL.X008	●	AS 1975
8	42	90	8	2	1	TPF08.08PL.X009	●	AS 2193	TPN08.08PL.X009	●	AS 2441
10	32	80	10	2	1	TPF08.10PL.X007	●	AS 2179	TPN08.10PL.X007	●	AS 2427
10	42	100	10	2	1	TPF08.10PL.X008	●	AS 2718	TPN08.10PL.X008	●	AS 2966
10	52	100	10	2	1	TPF08.10PL.X009	●	AS 3176	TPN08.10PL.X009	●	AS 3425
12	32	80	12	2	1	TPF08.12PL.X007	●	AS 2603	TPN08.12PL.X007	●	AS 2941
12	42	100	12	2	1	TPF08.12PL.X008	●	AS 3235	TPN08.12PL.X008	●	AS 3575
12	52	100	12	2	1	TPF08.12PL.X009	●	AS 3712	TPN08.12PL.X009	●	AS 4050

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
6x17	H10 (4 m/min.)	H15 (3 m/min.)
10x32	H20 (7 m/min.)	H30 (5 m/min.)
12x32	H20 (8 m/min.)	H30 (6 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
6x17	H10 (3 m/min.)	H15 (2 m/min.)
10x32	H20 (5 m/min.)	H30 (4 m/min.)
12x32	H20 (6 m/min.)	H30 (5 m/min.)

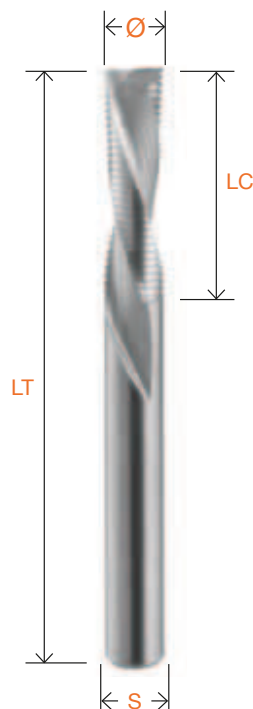
HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)
6x17	H10 (3 m/min.)
10x32	H28 (4 m/min.)
12x32	H28 (4,5 m/min.)

Dati indicativi / Datas are indicative only

TPF08/2

HW | Z=2



Esempio d'impiego: pag. 6 |

Router application: page 6

Esempio di lavorazione: pag. 6 |

Working example: page 6

Fresa HW z:2 rtf elica negativa - rtf = passo 1 mm

HW spiral bits z:2 rtf downcut - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast feed speed and vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	1	●	AS 983	TPN08.03NR.X001	●	AS 1232
4	15	50	4	2	1	●	AS 1064	TPN08.04NR.X001	●	AS 1313
5	17	50	5	2	1	●	AS 1092	TPN08.05NR.X001	●	AS 1341
6	17	50	6	2	1	●	AS 1201	TPN08.06NR.X003	●	AS 1450
6	22	60	6	2	1	●	AS 1399	TPN08.06NR.X004	●	AS 1648
6	27	65	6	2	1	●	AS 1648	TPN08.06NR.X005	●	AS 1897
8	25	70	8	2	1	●	AS 1419	TPN08.08NR.X007	●	AS 1668
8	32	80	8	2	1	●	AS 1670	TPN08.08NR.X008	●	AS 1919
8	42	90	8	2	1	●	AS 2134	TPN08.08NR.X009	●	AS 2383
10	32	80	10	2	1	●	AS 2101	TPN08.10NR.X007	●	AS 2349
10	42	100	10	2	1	●	AS 2620	TPN08.10NR.X008	●	AS 2869
10	52	100	10	2	1	●	AS 3081	TPN08.10NR.X009	●	AS 3330
12	32	80	12	2	1	●	AS 2492	TPN08.12NR.X007	●	AS 2832
12	42	100	12	2	1	●	AS 3101	TPN08.12NR.X008	●	AS 3441
12	52	100	12	2	1	●	AS 3581	TPN08.12NR.X009	●	AS 3919

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	1	●	AS 1084	TPN08.03NL.X001	●	AS 1332
4	15	50	4	2	1	●	AS 1170	TPN08.04NL.X001	●	AS 1419
5	17	50	5	2	1	●	AS 1201	TPN08.05NL.X001	●	AS 1450
6	17	50	6	2	1	●	AS 1318	TPN08.06NL.X003	●	AS 1567
6	22	60	6	2	1	●	AS 1539	TPN08.06NL.X004	●	AS 1788
6	27	65	6	2	1	●	AS 1813	TPN08.06NL.X005	●	AS 2061
8	25	70	8	2	1	●	AS 1561	TPN08.08NL.X007	●	AS 1810
8	32	80	8	2	1	●	AS 1838	TPN08.08NL.X008	●	AS 2087
8	42	90	8	2	1	●	AS 2346	TPN08.08NL.X009	●	AS 2595
10	32	80	10	2	1	●	AS 2310	TPN08.10NL.X007	●	AS 2559
10	42	100	10	2	1	●	AS 2883	TPN08.10NL.X008	●	AS 3131
10	52	100	10	2	1	●	AS 3388	TPN08.10NL.X009	●	AS 3637
12	32	80	12	2	1	●	AS 2743	TPN08.12NL.X007	●	AS 3081
12	42	100	12	2	1	●	AS 3411	TPN08.12NL.X008	●	AS 3751
12	52	100	12	2	1	●	AS 3936	TPN08.12NL.X009	●	AS 4277

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
6x17	H10 (4 m/min.)	H15 (3 m/min.)
10x32	H20 (7 m/min.)	H30 (5 m/min.)
12x32	H20 (8 m/min.)	H30 (6 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
6x17	H10 (3 m/min.)	H15 (2 m/min.)
10x32	H20 (5 m/min.)	H30 (4 m/min.)
12x32	H20 (6 m/min.)	H30 (5 m/min.)

HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)
6x17	H10 (3 m/min.)
10x32	H28 (4 m/min.)
12x32	H28 (4,5 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW z:2 rtf diritta - rtf = passo 1 mm

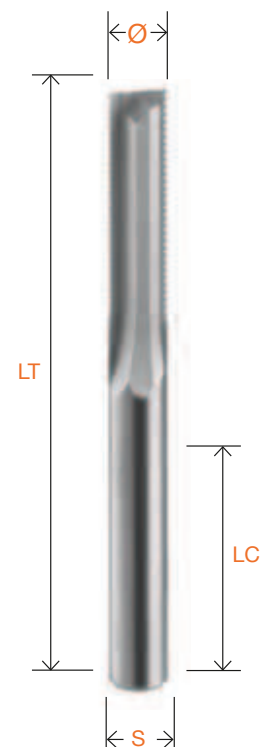
HW straight bits z:2 rtf - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con media velocità di avanzamento. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with medium feed speed. Available on request with **NaDia** coating DLC.

TPF08/3

HW | Z=2



LEGNO / WOOD

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	50	3	2	1	TPF08.03DR.X001	●	AS 1025	TPN08.03DR.X001	●	AS 1274
4	15	50	4	2	1	TPF08.04DR.X001	●	AS 1106	TPN08.04DR.X001	●	AS 1355
5	17	50	5	2	1	TPF08.05DR.X001	●	AS 1131	TPN08.05DR.X001	●	AS 1380
6	17	50	6	2	1	TPF08.06DR.X003	●	AS 1243	TPN08.06DR.X003	●	AS 1492
6	22	60	6	2	1	TPF08.06DR.X004	●	AS 1450	TPN08.06DR.X004	●	AS 1698
6	27	65	6	2	1	TPF08.06DR.X005	●	AS 1709	TPN08.06DR.X005	●	AS 1958
8	25	70	8	2	1	TPF08.08DR.X007	●	AS 1461	TPN08.08DR.X007	●	AS 1709
8	32	80	8	2	1	TPF08.08DR.X008	●	AS 1723	TPN08.08DR.X008	●	AS 1972
8	42	90	8	2	1	TPF08.08DR.X009	●	AS 2204	TPN08.08DR.X009	●	AS 2453
10	32	80	10	2	1	TPF08.10DR.X007	●	AS 2159	TPN08.10DR.X007	●	AS 2408
10	42	100	10	2	1	TPF08.10DR.X008	●	AS 2696	TPN08.10DR.X008	●	AS 2944
10	52	100	10	2	1	TPF08.10DR.X009	●	AS 3176	TPN08.10DR.X009	●	AS 3425
12	32	80	12	2	1	TPF08.12DR.X007	●	AS 2556	TPN08.12DR.X007	●	AS 2897
12	42	100	12	2	1	TPF08.12DR.X008	●	AS 3182	TPN08.12DR.X008	●	AS 3522
12	52	100	12	2	1	TPF08.12DR.X009	●	AS 3679	TPN08.12DR.X009	●	AS 4020

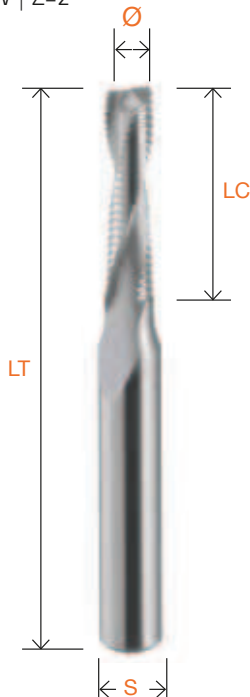
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
3	12	50	3	2	1	TPF08.03DL.X001	●	AS 1126	TPN08.03DL.X001	●	AS 1374
4	15	50	4	2	1	TPF08.04DL.X001	●	AS 1215	TPN08.04DL.X001	●	AS 1464
5	17	50	5	2	1	TPF08.05DL.X001	●	AS 1246	TPN08.05DL.X001	●	AS 1494
6	17	50	6	2	1	TPF08.06DL.X003	●	AS 1369	TPN08.06DL.X003	●	AS 1617
6	22	60	6	2	1	TPF08.06DL.X004	●	AS 1595	TPN08.06DL.X004	●	AS 1844
6	27	65	6	2	1	TPF08.06DL.X005	●	AS 1880	TPN08.06DL.X005	●	AS 2128
8	25	70	8	2	1	TPF08.08DL.X007	●	AS 1606	TPN08.08DL.X007	●	AS 1855
8	32	80	8	2	1	TPF08.08DL.X008	●	AS 1894	TPN08.08DL.X008	●	AS 2142
8	42	90	8	2	1	TPF08.08DL.X009	●	AS 2422	TPN08.08DL.X009	●	AS 2670
10	32	80	10	2	1	TPF08.10DL.X007	●	AS 2374	TPN08.10DL.X007	●	AS 2623
10	42	100	10	2	1	TPF08.10DL.X008	●	AS 2966	TPN08.10DL.X008	●	AS 3215
10	52	100	10	2	1	TPF08.10DL.X009	●	AS 3494	TPN08.10DL.X009	●	AS 3743
12	32	80	12	2	1	TPF08.12DL.X007	●	AS 2813	TPN08.12DL.X007	●	AS 3151
12	42	100	12	2	1	TPF08.12DL.X008	●	AS 3500	TPN08.12DL.X008	●	AS 3841
12	52	100	12	2	1	TPF08.12DL.X009	●	AS 4047	TPN08.12DL.X009	●	AS 4388

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF08/4

HW | Z=2



Esempio d'impiego: pag. 6 | Router application: page 6 | (A) (C)

Esempio di lavorazione: pag. 6 | Working example: page 6 | (FCN)

Fresa HW z:2 rtf elica positiva - attacco Ø 6 - rtf = passo 1 mm

HW spiral bits z:2 rtf upcut - shank Ø 6 - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

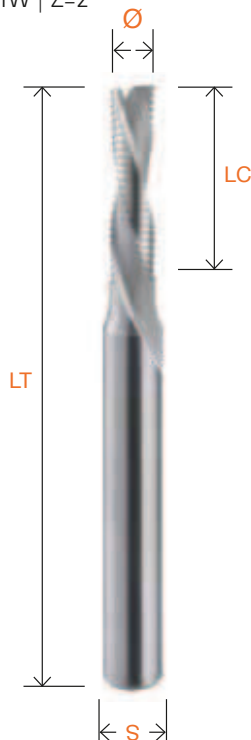
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	1	TPF08.03PR.X002	●	AS 1307	TPN08.03PR.X002	●	AS 1556
4	15	60	6	2	1	TPF08.04PR.X002	●	AS 1349	TPN08.04PR.X002	●	AS 1598
5	17	60	6	2	1	TPF08.05PR.X002	●	AS 1296	TPN08.05PR.X002	●	AS 1545

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	1	TPF08.03PL.X002	●	AS 1436	TPN08.03PL.X002	●	AS 1684
4	15	60	6	2	1	TPF08.04PL.X002	●	AS 1483	TPN08.04PL.X002	●	AS 1732
5	17	60	6	2	1	TPF08.05PL.X002	●	AS 1425	TPN08.05PL.X002	●	AS 1673

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF08/5

HW | Z=2



Esempio d'impiego: pag. 6 | Router application: page 6 | (B) (D)

Esempio di lavorazione: pag. 6 | Working example: page 6 | (FCN)

Fresa HW z:2 rtf elica negativa - attacco Ø 6 - rtf = passo 1 mm

HW spiral bits z:2 rtf downcut - shank Ø 6 - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast feed speed and vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	1	TPF08.03NR.X002	●	AS 1385	TPN08.03NR.X002	●	AS 1634
4	15	60	6	2	1	TPF08.04NR.X002	●	AS 1433	TPN08.04NR.X002	●	AS 1682
5	17	60	6	2	1	TPF08.05NR.X002	●	AS 1377	TPN08.05NR.X002	●	AS 1626

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	1	TPF08.03NL.X002	●	AS 1522	TPN08.03NL.X002	●	AS 1771
4	15	60	6	2	1	TPF08.04NL.X002	●	AS 1575	TPN08.04NL.X002	●	AS 1824
5	17	60	6	2	1	TPF08.05NL.X002	●	AS 1517	TPN08.05NL.X002	●	AS 1765

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:2 rtf diritta - attacco Ø 6 - rtf = passo 1 mm

HW straight bits z:2 rtf - shank Ø 6 - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con media velocità di avanzamento. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with medium feed speed. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	60	6	2	1	TPF08.03DR.X002	●	AS 1335	TPN08.03DR.X002	●	AS 1584
4	15	60	6	2	1	TPF08.04DR.X002	●	AS 1344	TPN08.04DR.X002	●	AS 1592
5	17	60	6	2	1	TPF08.05DR.X002	●	AS 1419	TPN08.05DR.X002	●	AS 1668

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
3	12	60	6	2	1	TPF08.03DL.X002	●	AS 1469	TPN08.03DL.X002	●	AS 1718
4	15	60	6	2	1	TPF08.04DL.X002	●	AS 1478	TPN08.04DL.X002	●	AS 1726
5	17	60	6	2	1	TPF08.05DL.X002	●	AS 1561	TPN08.05DL.X002	●	AS 1810

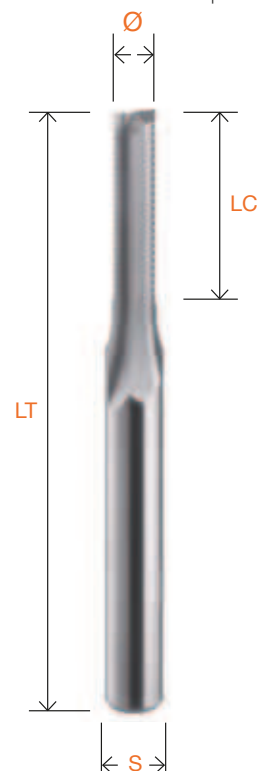
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF08/6

HW | Z=2



Fresa HW z:2 rtf elica positiva - attacco Ø 8 - rtf = passo 1 mm

HW spiral bits z:2 rtf upcut - shank Ø 8 - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	60	8	2	1	TPF08.03PR.X003	●	AS 1520	TPN08.03PR.X003	●	AS 1768
4	15	60	8	2	1	TPF08.04PR.X003	●	AS 1587	TPN08.04PR.X003	●	AS 1835
5	20	60	8	2	1	TPF08.05PR.X003	●	AS 1763	TPN08.05PR.X003	●	AS 2011
6	27	70	8	2	1	TPF08.06PR.X006	●	AS 2050	TPN08.06PR.X006	●	AS 2299
7	32	80	8	2	1	TPF08.07PR.X001	●	AS 1818	TPN08.07PR.X001	●	AS 2067

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
3	12	60	8	2	1	TPF08.03PL.X003	●	AS 1670	TPN08.03PL.X003	●	AS 1919
4	15	60	8	2	1	TPF08.04PL.X003	●	AS 1746	TPN08.04PL.X003	●	AS 1994
5	20	60	8	2	1	TPF08.05PL.X003	●	AS 1939	TPN08.05PL.X003	●	AS 2187
6	27	70	8	2	1	TPF08.06PL.X006	●	AS 2254	TPN08.06PL.X006	●	AS 2503
7	32	80	8	2	1	TPF08.07PL.X001	●	AS 2000	TPN08.07PL.X001	●	AS 2249

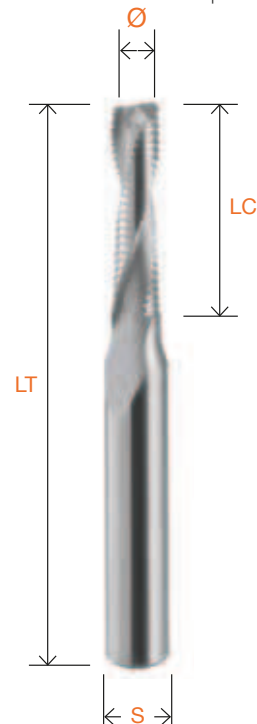
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF08/7

HW | Z=2



Esempio d'impiego: pag. 6
Router application: page 6

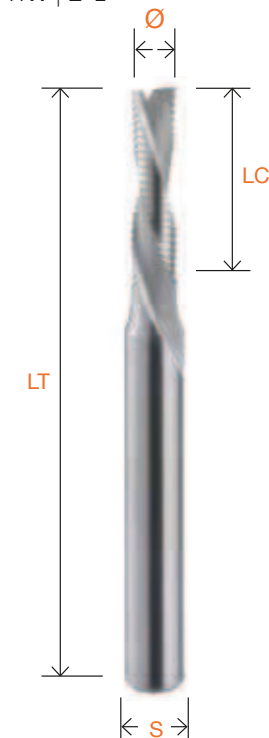


Esempio di lavorazione: pag. 6
Working example: page 6



TPF08/8

HW | Z=2



Esempio d'impiego: pag. 6
Router application: page 6

Esempio di lavorazione: pag. 6
Working example: page 6

Fresa HW z:2 rtf elica negativa - attacco Ø 8 - rtf = passo 1 mm

HW spiral bits z:2 rtf downcut - shank Ø 8 - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with fast feed speed and vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	60	8	2	1	TPF08.03NR.X003	●	AS 1598	TPN08.03NR.X003	●	AS 1846
4	15	60	8	2	1	TPF08.04NR.X003	●	AS 1670	TPN08.04NR.X003	●	AS 1919
5	20	60	8	2	1	TPF08.05NR.X003	●	AS 1855	TPN08.05NR.X003	●	AS 2103
6	27	70	8	2	1	TPF08.06NR.X006	●	AS 2170	TPN08.06NR.X006	●	AS 2419
7	32	80	8	2	1	TPF08.07NR.X001	●	AS 1919	TPN08.07NR.X001	●	AS 2168

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
3	12	60	8	2	1	TPF08.03NL.X003	●	AS 1757	TPN08.03NL.X003	●	AS 2006
4	15	60	8	2	1	TPF08.04NL.X003	●	AS 1838	TPN08.04NL.X003	●	AS 2087
5	20	60	8	2	1	TPF08.05NL.X003	●	AS 2039	TPN08.05NL.X003	●	AS 2288
6	27	70	8	2	1	TPF08.06NL.X006	●	AS 2388	TPN08.06NL.X006	●	AS 2637
7	32	80	8	2	1	TPF08.07NL.X001	●	AS 2112	TPN08.07NL.X001	●	AS 2360

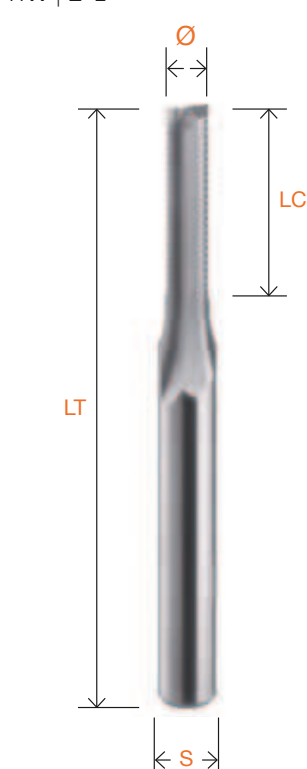
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF08/9

HW | Z=2



Fresa HW z:2 rtf diritta - attacco Ø 8 - rtf = passo 1 mm

HW straight bits z:2 rtf - shank Ø 8 - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con media velocità di avanzamento. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with medium feed speed. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	60	8	2	1	TPF08.03DR.X003	●	AS 1536	TPN08.03DR.X003	●	AS 1785
4	15	60	8	2	1	TPF08.04DR.X003	●	AS 1561	TPN08.04DR.X003	●	AS 1810
5	20	60	8	2	1	TPF08.05DR.X003	●	AS 1899	TPN08.05DR.X003	●	AS 2148
6	22	60	8	2	1	TPF08.06DR.X006	●	AS 1894	TPN08.06DR.X006	●	AS 2142
6	27	70	8	2	1	TPF08.06DR.X007	●	AS 2232	TPN08.06DR.X007	●	AS 2480
7	32	80	8	2	1	TPF08.07DR.X001	●	AS 1969	TPN08.07DR.X001	●	AS 2218

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
3	12	60	8	2	1	TPF08.03DL.X003	●	AS 1690	TPN08.03DL.X003	●	AS 1939
4	15	60	8	2	1	TPF08.04DL.X003	●	AS 1715	TPN08.04DL.X003	●	AS 1964
5	20	60	8	2	1	TPF08.05DL.X003	●	AS 2089	TPN08.05DL.X003	●	AS 2338
6	22	60	8	2	1	TPF08.06DL.X006	●	AS 2084	TPN08.06DL.X006	●	AS 2332
6	27	70	8	2	1	TPF08.06DL.X007	●	AS 2455	TPN08.06DL.X007	●	AS 2704
7	32	80	8	2	1	TPF08.07DL.X001	●	AS 2168	TPN08.07DL.X001	●	AS 2416

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:3 rtf elica positiva - rtf = passo 1 mm

HW spiral bits z:3 rtf upcut - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
6	22	60	6	3	1	TPF08.06PR.X001	●	AS 1249	TPN08.06PR.X001	●	AS 1497
6	27	65	6	3	1	TPF08.06PR.X002	●	AS 1464	TPN08.06PR.X002	●	AS 1712
8	25	70	8	3	1	TPF08.08PR.X001	●	AS 1494	TPN08.08PR.X001	●	AS 1743
8	32	80	8	3	1	TPF08.08PR.X002	●	AS 1721	TPN08.08PR.X002	●	AS 1969
8	42	90	8	3	1	TPF08.08PR.X003	●	AS 2123	TPN08.08PR.X003	●	AS 2372
10	32	80	10	3	1	TPF08.10PR.X001	●	AS 2165	TPN08.10PR.X001	●	AS 2413
10	42	100	10	3	1	TPF08.10PR.X002	●	AS 2715	TPN08.10PR.X002	●	AS 2964
10	52	100	10	3	1	TPF08.10PR.X003	●	AS 3229	TPN08.10PR.X003	●	AS 3478
12	32	80	12	3	1	TPF08.12PR.X001	●	AS 2623	TPN08.12PR.X001	●	AS 2961
12	42	100	12	3	1	TPF08.12PR.X002	●	AS 3187	TPN08.12PR.X002	●	AS 3525
12	52	100	12	3	1	TPF08.12PR.X003	●	AS 3564	TPN08.12PR.X003	●	AS 3905
14	42	100	14	3	1	TPF08.14PR.X001	●	AS 3908	TPN08.14PR.X001	●	AS 4249
14	52	100	14	3	1	TPF08.14PR.X002	●	AS 4341	TPN08.14PR.X002	●	AS 4682
16	42	100	16	3	1	TPF08.16PR.X001	●	AS 4709	TPN08.16PR.X001	●	AS 5050
16	52	100	16	3	1	TPF08.16PR.X002	●	AS 5056	TPN08.16PR.X002	●	AS 5394
16	72	120	16	3	1	TPF08.16PR.X003	●	AS 6349	TPN08.16PR.X003	●	AS 6863
18	52	100	18	3	1	TPF08.18PR.X001	●	AS 5922	TPN08.18PR.X001	●	AS 6453
18	72	130	18	3	1	TPF08.18PR.X002	●	AS 7478	TPN08.18PR.X002	●	AS 8084
20	52	100	20	3	1	TPF08.20PR.X001	●	AS 7081	TPN08.20PR.X001	●	AS 7609
20	72	130	20	3	1	TPF08.20PR.X002	●	AS 8880	TPN08.20PR.X002	●	AS 9483
20	85	150	20	3	1	TPF08.20PR.X003	●	AS 10237	TPN08.20PR.X003	●	AS 10841
20	102	160	20	3	1	TPF08.20PR.X004	●	AS 11737	TPN08.20PR.X004	●	AS 12341

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
6	22	60	6	3	1	TPF08.06PL.X001	●	AS 1372	TPN08.06PL.X001	●	AS 1620
6	27	65	6	3	1	TPF08.06PL.X002	●	AS 1612	TPN08.06PL.X002	●	AS 1860
8	25	70	8	3	1	TPF08.08PL.X001	●	AS 1645	TPN08.08PL.X001	●	AS 1894
8	32	80	8	3	1	TPF08.08PL.X002	●	AS 1891	TPN08.08PL.X002	●	AS 2140
8	42	90	8	3	1	TPF08.08PL.X003	●	AS 2335	TPN08.08PL.X003	●	AS 2584
10	32	80	10	3	1	TPF08.10PL.X001	●	AS 2380	TPN08.10PL.X001	●	AS 2628
10	42	100	10	3	1	TPF08.10PL.X002	●	AS 2986	TPN08.10PL.X002	●	AS 3235
10	52	100	10	3	1	TPF08.10PL.X003	●	AS 3550	TPN08.10PL.X003	●	AS 3799
12	32	80	12	3	1	TPF08.12PL.X001	●	AS 2885	TPN08.12PL.X001	●	AS 3223
12	42	100	12	3	1	TPF08.12PL.X002	●	AS 3506	TPN08.12PL.X002	●	AS 3844
12	52	100	12	3	1	TPF08.12PL.X003	●	AS 3922	TPN08.12PL.X003	●	AS 4263
14	42	100	14	3	1	TPF08.14PL.X001	●	AS 4299	TPN08.14PL.X001	●	AS 4640
14	52	100	14	3	1	TPF08.14PL.X002	●	AS 4777	TPN08.14PL.X002	●	AS 5117
16	42	100	16	3	1	TPF08.16PL.X001	●	AS 5179	TPN08.16PL.X001	●	AS 5520
16	52	100	16	3	1	TPF08.16PL.X002	●	AS 5559	TPN08.16PL.X002	●	AS 5899
16	72	120	16	3	1	TPF08.16PL.X003	●	AS 6983	TPN08.16PL.X003	●	AS 7497
18	52	100	18	3	1	TPF08.18PL.X001	●	AS 6514	TPN08.18PL.X001	●	AS 7042
18	72	130	18	3	1	TPF08.18PL.X002	●	AS 8226	TPN08.18PL.X002	●	AS 8830
20	52	100	20	3	1	TPF08.20PL.X001	●	AS 7788	TPN08.20PL.X001	●	AS 8318
20	72	130	20	3	1	TPF08.20PL.X002	●	AS 9768	TPN08.20PL.X002	●	AS 10372
20	85	150	20	3	1	TPF08.20PL.X003	●	AS 11260	TPN08.20PL.X003	●	AS 11866
20	102	160	20	3	1	TPF08.20PL.X004	●	AS 12911	TPN08.20PL.X004	●	AS 13514

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (8 m/min.)	H30 (7 m/min.)
14x42	H30 (9 m/min.)	H40 (8 m/min.)
20x52	H40 (10-11 m/min.)	H50 (9 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

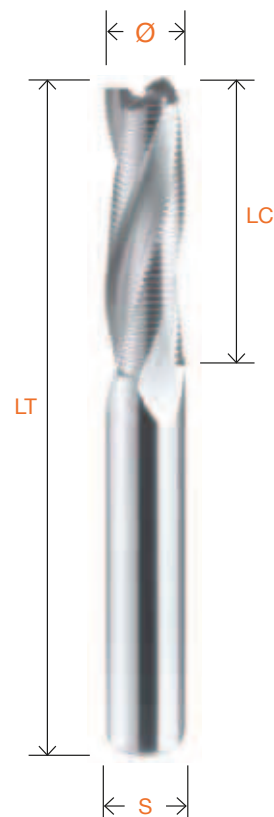
HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

Dati indicativi / Datas are indicative only

TPF08/10

HW | Z=3



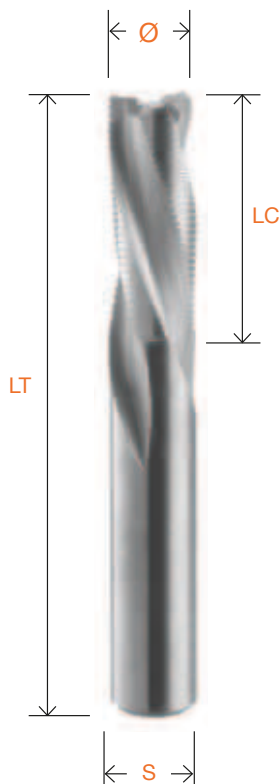
Esempio d'impiego: pag. 6 | Router application: page 6 | (A) (C)

Esempio di lavorazione: pag. 6 | Working example: page 6 | (FCN)

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF08/11

HW | Z=3



Esempio d'impiego: pag. 6
Router application: page 6

Esempio di lavorazione: pag. 6
Working example: page 6

Fresa HW z:3 rtf elica negativa - rtf = passo 1 mm

HW spiral bits z:3 rtf downcut - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast feed speed and vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
6	22	60	6	3	1	TPF08.06NR.X001	●	AS 1344	TPN08.06NR.X001	●	AS 1592
6	27	65	6	3	1	TPF08.06NR.X002	●	AS 1581	TPN08.06NR.X002	●	AS 1830
8	25	70	8	3	1	TPF08.08NR.X001	●	AS 1595	TPN08.08NR.X001	●	AS 1844
8	32	80	8	3	1	TPF08.08NR.X002	●	AS 1838	TPN08.08NR.X002	●	AS 2087
8	42	90	8	3	1	TPF08.08NR.X003	●	AS 2274	TPN08.08NR.X003	●	AS 2522
10	32	80	10	3	1	TPF08.10NR.X001	●	AS 2302	TPN08.10NR.X001	●	AS 2550
10	42	100	10	3	1	TPF08.10NR.X002	●	AS 2891	TPN08.10NR.X002	●	AS 3140
10	52	100	10	3	1	TPF08.10NR.X003	●	AS 3455	TPN08.10NR.X003	●	AS 3704
12	32	80	12	3	1	TPF08.12NR.X001	●	AS 2774	TPN08.12NR.X001	●	AS 3115
12	42	100	12	3	1	TPF08.12NR.X002	●	AS 3372	TPN08.12NR.X002	●	AS 3712
12	52	100	12	3	1	TPF08.12NR.X003	●	AS 3788	TPN08.12NR.X003	●	AS 4128
14	42	100	14	3	1	TPF08.14NR.X001	●	AS 4120	TPN08.14NR.X001	●	AS 4461
14	52	100	14	3	1	TPF08.14NR.X002	●	AS 4760	TPN08.14NR.X002	●	AS 5101
16	42	100	16	3	1	TPF08.16NR.X001	●	AS 4955	TPN08.16NR.X001	●	AS 5293
16	52	100	16	3	1	TPF08.16NR.X002	●	AS 5542	TPN08.16NR.X002	●	AS 5883
16	72	120	16	3	1	TPF08.16NR.X003	●	AS 6925	TPN08.16NR.X003	●	AS 7439
18	52	100	18	3	1	TPF08.18NR.X001	●	AS 6494	TPN08.18NR.X001	●	AS 7022
18	72	130	18	3	1	TPF08.18NR.X002	●	AS 7869	TPN08.18NR.X002	●	AS 8472
20	52	100	20	3	1	TPF08.20NR.X001	●	AS 7763	TPN08.20NR.X001	●	AS 8293
20	72	130	20	3	1	TPF08.20NR.X002	●	AS 9324	TPN08.20NR.X002	●	AS 9930
20	85	150	20	3	1	TPF08.20NR.X003	●	AS 10754	TPN08.20NR.X003	●	AS 11358
20	102	160	20	3	1	TPF08.20NR.X004	●	AS 12372	TPN08.20NR.X004	●	AS 12975

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
6	22	60	6	3	1	TPF08.06NL.X001	●	AS 1480	TPN08.06NL.X001	●	AS 1729
6	27	65	6	3	1	TPF08.06NL.X002	●	AS 1737	TPN08.06NL.X002	●	AS 1986
8	25	70	8	3	1	TPF08.08NL.X001	●	AS 1754	TPN08.08NL.X001	●	AS 2003
8	32	80	8	3	1	TPF08.08NL.X002	●	AS 2020	TPN08.08NL.X002	●	AS 2268
8	42	90	8	3	1	TPF08.08NL.X003	●	AS 2503	TPN08.08NL.X003	●	AS 2751
10	32	80	10	3	1	TPF08.10NL.X001	●	AS 2531	TPN08.10NL.X001	●	AS 2779
10	42	100	10	3	1	TPF08.10NL.X002	●	AS 3179	TPN08.10NL.X002	●	AS 3427
10	52	100	10	3	1	TPF08.10NL.X003	●	AS 3799	TPN08.10NL.X003	●	AS 4047
12	32	80	12	3	1	TPF08.12NL.X001	●	AS 3053	TPN08.12NL.X001	●	AS 3391
12	42	100	12	3	1	TPF08.12NL.X002	●	AS 3709	TPN08.12NL.X002	●	AS 4047
12	52	100	12	3	1	TPF08.12NL.X003	●	AS 4168	TPN08.12NL.X003	●	AS 4508
14	42	100	14	3	1	TPF08.14NL.X001	●	AS 4534	TPN08.14NL.X001	●	AS 4874
14	52	100	14	3	1	TPF08.14NL.X002	●	AS 5237	TPN08.14NL.X002	●	AS 5575
16	42	100	16	3	1	TPF08.16NL.X001	●	AS 5450	TPN08.16NL.X001	●	AS 5791
16	52	100	16	3	1	TPF08.16NL.X002	●	AS 6095	TPN08.16NL.X002	●	AS 6436
16	72	120	16	3	1	TPF08.16NL.X003	●	AS 7617	TPN08.16NL.X003	●	AS 8128
18	52	100	18	3	1	TPF08.18NL.X001	●	AS 7142	TPN08.18NL.X001	●	AS 7670
18	72	130	18	3	1	TPF08.18NL.X002	●	AS 8656	TPN08.18NL.X002	●	AS 9260
20	52	100	20	3	1	TPF08.20NL.X001	●	AS 8539	TPN08.20NL.X001	●	AS 9070
20	72	130	20	3	1	TPF08.20NL.X002	●	AS 10257	TPN08.20NL.X002	●	AS 10860
20	85	150	20	3	1	TPF08.20NL.X003	●	AS 11827	TPN08.20NL.X003	●	AS 12433
20	102	160	20	3	1	TPF08.20NL.X004	●	AS 13609	TPN08.20NL.X004	●	AS 14212

Altre misure disponibili su richiesta |
Other dimensions available on request
Minimo d'ordine 2 pz / Minimum
order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 |
For availability see page 3

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (8 m/min.)	H30 (7 m/min.)
14x42	H30 (9 m/min.)	H40 (8 m/min.)
20x52	H40 (10-11 m/min.)	H50 (9 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW z:2 rt elica positiva - rt = passo 1,5 mm

HW spiral bits z:2 rt upcut - rt = pitch 1,5 mm

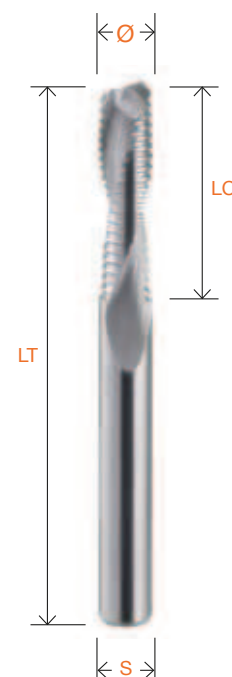
Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
6	17	50	6	2	1,5	TPF08.06PR.F001	●	AS 863	TPN08.06PR.F001	●	AS 1112
6	22	60	6	2	1,5	TPF08.06PR.F002	●	AS 1006	TPN08.06PR.F002	●	AS 1254
6	27	65	6	2	1,5	TPF08.06PR.F003	●	AS 1173	TPN08.06PR.F003	●	AS 1422
8	25	70	8	2	1,5	TPF08.08PR.F007	●	AS 1095	TPN08.08PR.F007	●	AS 1344
8	32	80	8	2	1,5	TPF08.08PR.F008	●	AS 1277	TPN08.08PR.F008	●	AS 1525
8	42	90	8	2	1,5	TPF08.08PR.F009	●	AS 1598	TPN08.08PR.F009	●	AS 1846
10	32	80	10	2	1,5	TPF08.10PR.F007	●	AS 1642	TPN08.10PR.F007	●	AS 1891
10	42	100	10	2	1,5	TPF08.10PR.F008	●	AS 2039	TPN08.10PR.F008	●	AS 2288
10	52	100	10	2	1,5	TPF08.10PR.F009	●	AS 2338	TPN08.10PR.F009	●	AS 2587
12	32	80	12	2	1,5	TPF08.12PR.F007	●	AS 2003	TPN08.12PR.F007	●	AS 2344
12	42	100	12	2	1,5	TPF08.12PR.F008	●	AS 2483	TPN08.12PR.F008	●	AS 2824
12	52	100	12	2	1,5	TPF08.12PR.F009	●	AS 2793	TPN08.12PR.F009	●	AS 3134

TPF08/12

HW | Z=2



Esempio d'impiego: pag. 6
Router application: page 6

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Esempio di lavorazione: pag. 6
Working example: page 6

FCN

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
6	17	50	6	2	1,5	TPF08.06PL.F001	●	AS 950	TPN08.06PL.F001	●	AS 1198
6	22	60	6	2	1,5	TPF08.06PL.F002	●	AS 1106	TPN08.06PL.F002	●	AS 1355
6	27	65	6	2	1,5	TPF08.06PL.F003	●	AS 1291	TPN08.06PL.F003	●	AS 1539
8	25	70	8	2	1,5	TPF08.08PL.F007	●	AS 1204	TPN08.08PL.F007	●	AS 1453
8	32	80	8	2	1,5	TPF08.08PL.F008	●	AS 1405	TPN08.08PL.F008	●	AS 1654
8	42	90	8	2	1,5	TPF08.08PL.F009	●	AS 1757	TPN08.08PL.F009	●	AS 2006
10	32	80	10	2	1,5	TPF08.10PL.F007	●	AS 1807	TPN08.10PL.F007	●	AS 2056
10	42	100	10	2	1,5	TPF08.10PL.F008	●	AS 2243	TPN08.10PL.F008	●	AS 2492
10	52	100	10	2	1,5	TPF08.10PL.F009	●	AS 2573	TPN08.10PL.F009	●	AS 2821
12	32	80	12	2	1,5	TPF08.12PL.F007	●	AS 2204	TPN08.12PL.F007	●	AS 2542
12	42	100	12	2	1,5	TPF08.12PL.F008	●	AS 2732	TPN08.12PL.F008	●	AS 3070
12	52	100	12	2	1,5	TPF08.12PL.F009	●	AS 3073	TPN08.12PL.F009	●	AS 3413

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
6x17	H10 (4 m/min.)	H15 (3 m/min.)
10x32	H20 (7 m/min.)	H30 (5 m/min.)
12x32	H20 (8 m/min.)	H30 (6 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
6x17	H10 (3 m/min.)	H15 (2 m/min.)
10x32	H20 (5 m/min.)	H30 (4 m/min.)
12x32	H20 (6 m/min.)	H30 (5 m/min.)

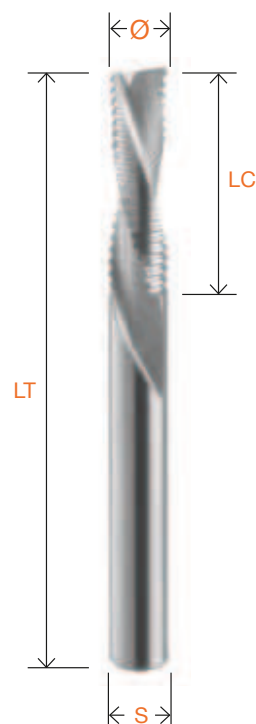
HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)
6x17	H10 (3 m/min.)
10x32	H28 (4 m/min.)
12x32	H28 (4,5 m/min.)

Dati indicativi / Datas are indicative only

TPF08/13

HW | Z=2



Fresa HW z:2 rt elica negativa - rt = passo 1,5 mm

HW spiral bits z:2 rt downcut - rt = pitch 1,5 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast feed speed and vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
6	17	50	6	2	1,5	TPF08.06NR.F001	●	AS 927	TPN08.06NR.F001	●	AS 1176
6	22	60	6	2	1,5	TPF08.06NR.F002	●	AS 1081	TPN08.06NR.F002	●	AS 1330
6	27	65	6	2	1,5	TPF08.06NR.F003	●	AS 1263	TPN08.06NR.F003	●	AS 1511
8	25	70	8	2	1,5	TPF08.08NR.F007	●	AS 1154	TPN08.08NR.F007	●	AS 1402
8	32	80	8	2	1,5	TPF08.08NR.F008	●	AS 1352	TPN08.08NR.F008	●	AS 1601
8	42	90	8	2	1,5	TPF08.08NR.F009	●	AS 1698	TPN08.08NR.F009	●	AS 1947
10	32	80	10	2	1,5	TPF08.10NR.F007	●	AS 1726	TPN08.10NR.F007	●	AS 1975
10	42	100	10	2	1,5	TPF08.10NR.F008	●	AS 2148	TPN08.10NR.F008	●	AS 2397
10	52	100	10	2	1,5	TPF08.10NR.F009	●	AS 2475	TPN08.10NR.F009	●	AS 2723
12	32	80	12	2	1,5	TPF08.12NR.F007	●	AS 2092	TPN08.12NR.F007	●	AS 2433
12	42	100	12	2	1,5	TPF08.12NR.F008	●	AS 2598	TPN08.12NR.F008	●	AS 2939
12	52	100	12	2	1,5	TPF08.12NR.F009	●	AS 2939	TPN08.12NR.F009	●	AS 3279

Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
6	17	50	6	2	1,5	TPF08.06NL.F001	●	AS 1020	TPN08.06NL.F001	●	AS 1268
6	22	60	6	2	1,5	TPF08.06NL.F002	●	AS 1187	TPN08.06NL.F002	●	AS 1436
6	27	65	6	2	1,5	TPF08.06NL.F003	●	AS 1388	TPN08.06NL.F003	●	AS 1637
8	25	70	8	2	1,5	TPF08.08NL.F007	●	AS 1268	TPN08.08NL.F007	●	AS 1517
8	32	80	8	2	1,5	TPF08.08NL.F008	●	AS 1486	TPN08.08NL.F008	●	AS 1735
8	42	90	8	2	1,5	TPF08.08NL.F009	●	AS 1866	TPN08.08NL.F009	●	AS 2115
10	32	80	10	2	1,5	TPF08.10NL.F007	●	AS 1899	TPN08.10NL.F007	●	AS 2148
10	42	100	10	2	1,5	TPF08.10NL.F008	●	AS 2363	TPN08.10NL.F008	●	AS 2612
10	52	100	10	2	1,5	TPF08.10NL.F009	●	AS 2723	TPN08.10NL.F009	●	AS 2972
12	32	80	12	2	1,5	TPF08.12NL.F007	●	AS 2302	TPN08.12NL.F007	●	AS 2642
12	42	100	12	2	1,5	TPF08.12NL.F008	●	AS 2858	TPN08.12NL.F008	●	AS 3198
12	52	100	12	2	1,5	TPF08.12NL.F009	●	AS 3232	TPN08.12NL.F009	●	AS 3573

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
6x17	H10 (4 m/min.)	H15 (3 m/min.)
10x32	H20 (7 m/min.)	H30 (5 m/min.)
12x32	H20 (8 m/min.)	H30 (6 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
6x17	H10 (3 m/min.)	H15 (2 m/min.)
10x32	H20 (5 m/min.)	H30 (4 m/min.)
12x32	H20 (6 m/min.)	H30 (5 m/min.)

HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)
6x17	H10 (3 m/min.)
10x32	H28 (4 m/min.)
12x32	H28 (4,5 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW z:2 rt diritta - rt = passo 1,5 mm

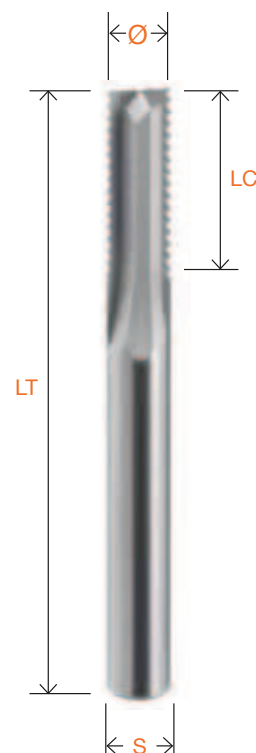
HW straight bits z:2 rt - rt = pitch 1,5 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con media velocità di avanzamento. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with medium feed speed. Available on request with **NaDia** coating DLC.

TPF08/14

HW | Z=2



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	1,5	TPF08.08DR.F001	●	AS 1184	TPN08.08DR.F001	●	AS 1433
8	32	80	8	3	1,5	TPF08.08DR.F002	●	AS 1388	TPN08.08DR.F002	●	AS 1637
8	42	90	8	3	1,5	TPF08.08DR.F003	●	AS 1746	TPN08.08DR.F003	●	AS 1994
10	32	80	10	3	1,5	TPF08.10DR.F001	●	AS 1768	TPN08.10DR.F001	●	AS 2017
10	42	100	10	3	1,5	TPF08.10DR.F002	●	AS 2201	TPN08.10DR.F002	●	AS 2450
10	52	100	10	3	1,5	TPF08.10DR.F003	●	AS 2545	TPN08.10DR.F003	●	AS 2793
12	32	80	12	3	1,5	TPF08.12DR.F001	●	AS 2140	TPN08.12DR.F001	●	AS 2478
12	42	100	12	3	1,5	TPF08.12DR.F002	●	AS 2654	TPN08.12DR.F002	●	AS 2994
12	52	100	12	3	1,5	TPF08.12DR.F003	●	AS 3011	TPN08.12DR.F003	●	AS 3352
14	42	100	14	3	1,5	TPF08.14DR.F001	●	AS 3265	TPN08.14DR.F001	●	AS 3603
14	52	100	14	3	1,5	TPF08.14DR.F002	●	AS 3754	TPN08.14DR.F002	●	AS 4095
16	42	100	16	3	1,5	TPF08.16DR.F001	●	AS 3986	TPN08.16DR.F001	●	AS 4327
16	52	100	16	3	1,5	TPF08.16DR.F002	●	AS 4466	TPN08.16DR.F002	●	AS 4807
16	72	120	16	3	1,5	TPF08.16DR.F003	●	AS 5609	TPN08.16DR.F003	●	AS 6123
18	52	100	18	3	1,5	TPF08.18DR.F001	●	AS 5352	TPN08.18DR.F001	●	AS 5880
18	72	130	18	3	1,5	TPF08.18DR.F002	●	AS 6500	TPN08.18DR.F002	●	AS 7106
20	52	100	20	3	1,5	TPF08.20DR.F001	●	AS 6385	TPN08.20DR.F001	●	AS 6916
20	72	130	20	3	1,5	TPF08.20DR.F002	●	AS 7715	TPN08.20DR.F002	●	AS 8318
20	85	150	20	3	1,5	TPF08.20DR.F003	●	AS 8860	TPN08.20DR.F003	●	AS 9466
20	102	160	20	3	1,5	TPF08.20DR.F004	●	AS 9913	TPN08.20DR.F004	●	AS 10520

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	1,5	TPF08.08DL.F001	●	AS 1302	TPN08.08DL.F001	●	AS 1550
8	32	80	8	3	1,5	TPF08.08DL.F002	●	AS 1525	TPN08.08DL.F002	●	AS 1774
8	42	90	8	3	1,5	TPF08.08DL.F003	●	AS 1922	TPN08.08DL.F003	●	AS 2170
10	32	80	10	3	1,5	TPF08.10DL.F001	●	AS 1947	TPN08.10DL.F001	●	AS 2196
10	42	100	10	3	1,5	TPF08.10DL.F002	●	AS 2422	TPN08.10DL.F002	●	AS 2670
10	52	100	10	3	1,5	TPF08.10DL.F003	●	AS 2799	TPN08.10DL.F003	●	AS 3047
12	32	80	12	3	1,5	TPF08.12DL.F001	●	AS 2352	TPN08.12DL.F001	●	AS 2693
12	42	100	12	3	1,5	TPF08.12DL.F002	●	AS 2919	TPN08.12DL.F002	●	AS 3260
12	52	100	12	3	1,5	TPF08.12DL.F003	●	AS 3313	TPN08.12DL.F003	●	AS 3654
14	42	100	14	3	1,5	TPF08.14DL.F001	●	AS 3589	TPN08.14DL.F001	●	AS 3930
14	52	100	14	3	1,5	TPF08.14DL.F002	●	AS 4131	TPN08.14DL.F002	●	AS 4469
16	42	100	16	3	1,5	TPF08.16DL.F001	●	AS 4385	TPN08.16DL.F001	●	AS 4723
16	52	100	16	3	1,5	TPF08.16DL.F002	●	AS 4913	TPN08.16DL.F002	●	AS 5254
16	72	120	16	3	1,5	TPF08.16DL.F003	●	AS 6170	TPN08.16DL.F003	●	AS 6684
18	52	100	18	3	1,5	TPF08.18DL.F001	●	AS 5888	TPN08.18DL.F001	●	AS 6416
18	72	130	18	3	1,5	TPF08.18DL.F002	●	AS 7154	TPN08.18DL.F002	●	AS 7757
20	52	100	20	3	1,5	TPF08.20DL.F001	●	AS 7028	TPN08.20DL.F001	●	AS 7556
20	72	130	20	3	1,5	TPF08.20DL.F002	●	AS 8486	TPN08.20DL.F002	●	AS 9089
20	85	150	20	3	1,5	TPF08.20DL.F003	●	AS 9746	TPN08.20DL.F003	●	AS 10349
20	102	160	20	3	1,5	TPF08.20DL.F004	●	AS 10905	TPN08.20DL.F004	●	AS 11511

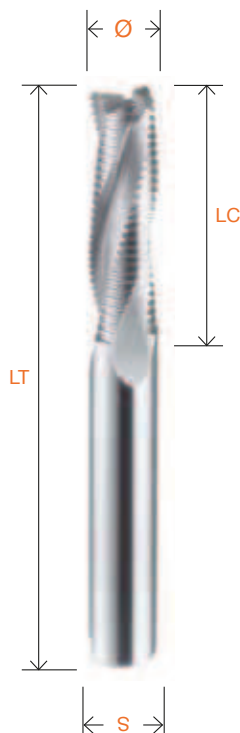
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF08/15

HW | Z=3



Esempio d'impiego: pag. 6 | 
Router application: page 6

Esempio di lavorazione: pag. 6 | 
Working example: page 6

Fresa HW z:3 rt elica positiva - rt = passo 1,5 mm

HW spiral bits z:3 rt upcut - rt = pitch 1,5 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
8	25	70	8	3	1,5	TPF08.08PR.F001	●	AS 1207	TPN08.08PR.F001	●	AS 1455
8	32	80	8	3	1,5	TPF08.08PR.F002	●	AS 1385	TPN08.08PR.F002	●	AS 1634
8	42	90	8	3	1,5	TPF08.08PR.F003	●	AS 1690	TPN08.08PR.F003	●	AS 1939
10	32	80	10	3	1,5	TPF08.10PR.F001	●	AS 1774	TPN08.10PR.F001	●	AS 2022
10	42	100	10	3	1,5	TPF08.10PR.F002	●	AS 2215	TPN08.10PR.F002	●	AS 2464
10	52	100	10	3	1,5	TPF08.10PR.F003	●	AS 2581	TPN08.10PR.F003	●	AS 2830
12	32	80	12	3	1,5	TPF08.12PR.F001	●	AS 2187	TPN08.12PR.F001	●	AS 2525
12	42	100	12	3	1,5	TPF08.12PR.F002	●	AS 2659	TPN08.12PR.F002	●	AS 2997
12	52	100	12	3	1,5	TPF08.12PR.F003	●	AS 2927	TPN08.12PR.F003	●	AS 3268
14	42	100	14	3	1,5	TPF08.14PR.F001	●	AS 3296	TPN08.14PR.F001	●	AS 3637
14	52	100	14	3	1,5	TPF08.14PR.F002	●	AS 3606	TPN08.14PR.F002	●	AS 3947
16	42	100	16	3	1,5	TPF08.16PR.F001	●	AS 4008	TPN08.16PR.F001	●	AS 4349
16	52	100	16	3	1,5	TPF08.16PR.F002	●	AS 4254	TPN08.16PR.F002	●	AS 4595
16	72	120	16	3	1,5	TPF08.16PR.F003	●	AS 5299	TPN08.16PR.F003	●	AS 5813
18	52	100	18	3	1,5	TPF08.18PR.F001	●	AS 5031	TPN08.18PR.F001	●	AS 5559
18	72	130	18	3	1,5	TPF08.18PR.F002	●	AS 6363	TPN08.18PR.F002	●	AS 6969
20	52	100	20	3	1,5	TPF08.20PR.F001	●	AS 6045	TPN08.20PR.F001	●	AS 6575
20	72	130	20	3	1,5	TPF08.20PR.F002	●	AS 7606	TPN08.20PR.F002	●	AS 8209
20	85	150	20	3	1,5	TPF08.20PR.F003	●	AS 8760	TPN08.20PR.F003	●	AS 9363
20	102	160	20	3	1,5	TPF08.20PR.F004	●	AS 9922	TPN08.20PR.F004	●	AS 10525

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
8	25	70	8	3	1,5	TPF08.08PL.F001	●	AS 1327	TPN08.08PL.F001	●	AS 1575
8	32	80	8	3	1,5	TPF08.08PL.F002	●	AS 1522	TPN08.08PL.F002	●	AS 1771
8	42	90	8	3	1,5	TPF08.08PL.F003	●	AS 1858	TPN08.08PL.F003	●	AS 2106
10	32	80	10	3	1,5	TPF08.10PL.F001	●	AS 1950	TPN08.10PL.F001	●	AS 2198
10	42	100	10	3	1,5	TPF08.10PL.F002	●	AS 2436	TPN08.10PL.F002	●	AS 2684
10	52	100	10	3	1,5	TPF08.10PL.F003	●	AS 2841	TPN08.10PL.F003	●	AS 3089
12	32	80	12	3	1,5	TPF08.12PL.F001	●	AS 2405	TPN08.12PL.F001	●	AS 2743
12	42	100	12	3	1,5	TPF08.12PL.F002	●	AS 2925	TPN08.12PL.F002	●	AS 3263
12	52	100	12	3	1,5	TPF08.12PL.F003	●	AS 3221	TPN08.12PL.F003	●	AS 3561
14	42	100	14	3	1,5	TPF08.14PL.F001	●	AS 3626	TPN08.14PL.F001	●	AS 3966
14	52	100	14	3	1,5	TPF08.14PL.F002	●	AS 3966	TPN08.14PL.F002	●	AS 4307
16	42	100	16	3	1,5	TPF08.16PL.F001	●	AS 4411	TPN08.16PL.F001	●	AS 4749
16	52	100	16	3	1,5	TPF08.16PL.F002	●	AS 4682	TPN08.16PL.F002	●	AS 5020
16	72	120	16	3	1,5	TPF08.16PL.F003	●	AS 5830	TPN08.16PL.F003	●	AS 6341
18	52	100	18	3	1,5	TPF08.18PL.F001	●	AS 5534	TPN08.18PL.F001	●	AS 6061
18	72	130	18	3	1,5	TPF08.18PL.F002	●	AS 7000	TPN08.18PL.F002	●	AS 7603
20	52	100	20	3	1,5	TPF08.20PL.F001	●	AS 6651	TPN08.20PL.F001	●	AS 7179
20	72	130	20	3	1,5	TPF08.20PL.F002	●	AS 8366	TPN08.20PL.F002	●	AS 8969
20	85	150	20	3	1,5	TPF08.20PL.F003	●	AS 9634	TPN08.20PL.F003	●	AS 10240
20	102	160	20	3	1,5	TPF08.20PL.F004	●	AS 10913	TPN08.20PL.F004	●	AS 11517

Altre misure disponibili su richiesta |
Other dimensions available on request
Minimo d'ordine 2 pz / Minimum
order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 |
For availability see page 3

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (8 m/min.)	H30 (7 m/min.)
14x42	H30 (9 m/min.)	H40 (8 m/min.)
20x52	H40 (10-11 m/min.)	H50 (9 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW z:3 rt elica negativa - rt = passo 1,5 mm

HW spiral bits z:3 rt downcut - rt = pitch 1,5 mm

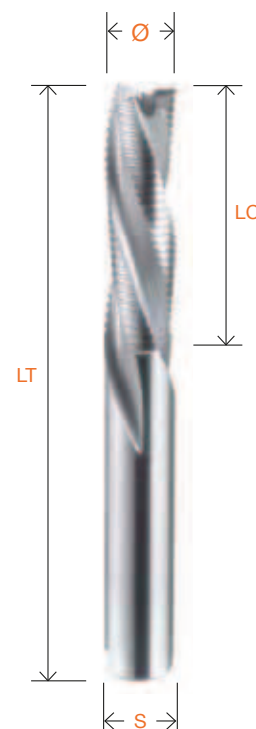
Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast feed speed and vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Rtf (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	1,5	TPF08.08NR.F001	●	AS 1279	TPN08.08NR.F001	●	AS 1528
8	32	80	8	3	1,5	TPF08.08NR.F002	●	AS 1469	TPN08.08NR.F002	●	AS 1718
8	42	90	8	3	1,5	TPF08.08NR.F003	●	AS 1799	TPN08.08NR.F003	●	AS 2047
10	32	80	10	3	1,5	TPF08.10NR.F001	●	AS 1872	TPN08.10NR.F001	●	AS 2120
10	42	100	10	3	1,5	TPF08.10NR.F002	●	AS 2341	TPN08.10NR.F002	●	AS 2589
10	52	100	10	3	1,5	TPF08.10NR.F003	●	AS 2743	TPN08.10NR.F003	●	AS 2992
12	32	80	12	3	1,5	TPF08.12NR.F001	●	AS 2296	TPN08.12NR.F001	●	AS 2634
12	42	100	12	3	1,5	TPF08.12NR.F002	●	AS 2791	TPN08.12NR.F002	●	AS 3131
12	52	100	12	3	1,5	TPF08.12NR.F003	●	AS 3087	TPN08.12NR.F003	●	AS 3427
14	42	100	14	3	1,5	TPF08.14NR.F001	●	AS 3450	TPN08.14NR.F001	●	AS 3788
14	52	100	14	3	1,5	TPF08.14NR.F002	●	AS 3953	TPN08.14NR.F002	●	AS 4291
16	42	100	16	3	1,5	TPF08.16NR.F001	●	AS 4184	TPN08.16NR.F001	●	AS 4525
16	52	100	16	3	1,5	TPF08.16NR.F002	●	AS 4662	TPN08.16NR.F002	●	AS 5003
16	72	120	16	3	1,5	TPF08.16NR.F003	●	AS 5768	TPN08.16NR.F003	●	AS 6282
18	52	100	18	3	1,5	TPF08.18NR.F001	●	AS 5511	TPN08.18NR.F001	●	AS 6042
18	72	130	18	3	1,5	TPF08.18NR.F002	●	AS 6642	TPN08.18NR.F002	●	AS 7246
20	52	100	20	3	1,5	TPF08.20NR.F001	●	AS 6626	TPN08.20NR.F001	●	AS 7154
20	72	130	20	3	1,5	TPF08.20NR.F002	●	AS 7925	TPN08.20NR.F002	●	AS 8528
20	85	150	20	3	1,5	TPF08.20NR.F003	●	AS 9128	TPN08.20NR.F003	●	AS 9732
20	102	160	20	3	1,5	TPF08.20NR.F004	●	AS 10374	TPN08.20NR.F004	●	AS 10980

TPF08/16

HW | Z=3



Esempio d'impiego: pag. 6
Router application: page 6



Esempio di lavorazione: pag. 6
Working example: page 6



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Rtf (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	1,5	TPF08.08NL.F001	●	AS 1408	TPN08.08NL.F001	●	AS 1656
8	32	80	8	3	1,5	TPF08.08NL.F002	●	AS 1615	TPN08.08NL.F002	●	AS 1863
8	42	90	8	3	1,5	TPF08.08NL.F003	●	AS 1978	TPN08.08NL.F003	●	AS 2226
10	32	80	10	3	1,5	TPF08.10NL.F001	●	AS 2059	TPN08.10NL.F001	●	AS 2307
10	42	100	10	3	1,5	TPF08.10NL.F002	●	AS 2575	TPN08.10NL.F002	●	AS 2824
10	52	100	10	3	1,5	TPF08.10NL.F003	●	AS 3017	TPN08.10NL.F003	●	AS 3265
12	32	80	12	3	1,5	TPF08.12NL.F001	●	AS 2525	TPN08.12NL.F001	●	AS 2863
12	42	100	12	3	1,5	TPF08.12NL.F002	●	AS 3070	TPN08.12NL.F002	●	AS 3408
12	52	100	12	3	1,5	TPF08.12NL.F003	●	AS 3397	TPN08.12NL.F003	●	AS 3737
14	42	100	14	3	1,5	TPF08.14NL.F001	●	AS 3793	TPN08.14NL.F001	●	AS 4134
14	52	100	14	3	1,5	TPF08.14NL.F002	●	AS 4346	TPN08.14NL.F002	●	AS 4687
16	42	100	16	3	1,5	TPF08.16NL.F001	●	AS 4603	TPN08.16NL.F001	●	AS 4941
16	52	100	16	3	1,5	TPF08.16NL.F002	●	AS 5128	TPN08.16NL.F002	●	AS 5469
16	72	120	16	3	1,5	TPF08.16NL.F003	●	AS 6346	TPN08.16NL.F003	●	AS 6858
18	52	100	18	3	1,5	TPF08.18NL.F001	●	AS 6064	TPN08.18NL.F001	●	AS 6592
18	72	130	18	3	1,5	TPF08.18NL.F002	●	AS 7307	TPN08.18NL.F002	●	AS 7911
20	52	100	20	3	1,5	TPF08.20NL.F001	●	AS 7288	TPN08.20NL.F001	●	AS 7816
20	72	130	20	3	1,5	TPF08.20NL.F002	●	AS 8715	TPN08.20NL.F002	●	AS 9321
20	85	150	20	3	1,5	TPF08.20NL.F003	●	AS 10039	TPN08.20NL.F003	●	AS 10645
20	102	160	20	3	1,5	TPF08.20NL.F004	●	AS 11413	TPN08.20NL.F004	●	AS 12017

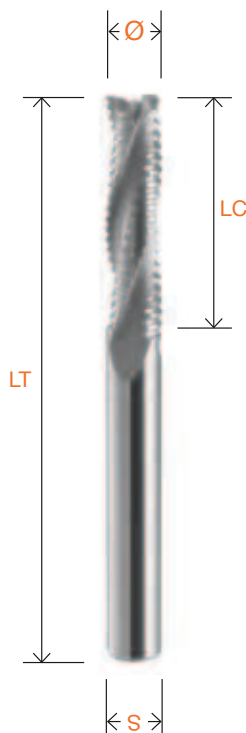
Altre misure disponibili su richiesta |
Other dimensions available on request
Minimo d'ordine 2 pz / Minimum
order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 |
For availability see page 3

Soft wood - 18.000 - 24.000 RPM			Hard wood - 18.000 - 24.000 RPM			HPL - 18.000 - 24.000 RPM		
Dimensions	Work thickness (feed speed)	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (8 m/min.)	H30 (7 m/min.)	12x32	H15 (6 m/min.)	H30 (5 m/min.)	12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (9 m/min.)	H40 (8 m/min.)	14x42	H30 (7 m/min.)	H40 (6 m/min.)	14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (10-11 m/min.)	H50 (9 m/min.)	20x52	H40 (8 m/min.)	H50 (7 m/min.)	20x52	H40 (8 m/min.)	H50 (7 m/min.)

Dati indicativi / Datas are indicative only

TPF08/17

HW | Z=3



Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Fresa HW z:3 rtm elica positiva - rtm = passo 2 mm

HW spiral bits z:3 rtm upcut - rtm = pitch 2 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	2	TPF08.08PR.M001		AS 1137	TPN08.08PR.M001		AS 1385
8	32	80	8	3	2	TPF08.08PR.M002		AS 1302	TPN08.08PR.M002		AS 1550
8	42	90	8	3	2	TPF08.08PR.M003		AS 1581	TPN08.08PR.M003		AS 1830
10	32	80	10	3	2	TPF08.10PR.M001		AS 1676	TPN08.10PR.M001		AS 1925
10	42	100	10	3	2	TPF08.10PR.M002		AS 2089	TPN08.10PR.M002		AS 2338
10	52	100	10	3	2	TPF08.10PR.M003		AS 2419	TPN08.10PR.M003		AS 2668
12	32	80	12	3	2	TPF08.12PR.M001		AS 2078	TPN08.12PR.M001		AS 2416
12	42	100	12	3	2	TPF08.12PR.M002		AS 2525	TPN08.12PR.M002		AS 2866
12	52	100	12	3	2	TPF08.12PR.M003		AS 2768	TPN08.12PR.M003		AS 3109
14	42	100	14	3	2	TPF08.14PR.M001		AS 3142	TPN08.14PR.M001		AS 3483
14	52	100	14	3	2	TPF08.14PR.M002		AS 3422	TPN08.14PR.M002		AS 3763
16	42	100	16	3	2	TPF08.16PR.M001		AS 3832	TPN08.16PR.M001		AS 4173
16	52	100	16	3	2	TPF08.16PR.M002		AS 4056	TPN08.16PR.M002		AS 4397
16	72	120	16	3	2	TPF08.16PR.M003		AS 5036	TPN08.16PR.M003		AS 5550
18	52	100	18	3	2	TPF08.18PR.M001		AS 4807	TPN08.18PR.M001		AS 5338
18	72	130	18	3	2	TPF08.18PR.M002		AS 6087	TPN08.18PR.M002		AS 6690
20	52	100	20	3	2	TPF08.20PR.M001		AS 5788	TPN08.20PR.M001		AS 6316
20	72	130	20	3	2	TPF08.20PR.M002		AS 7288	TPN08.20PR.M002		AS 7891
20	85	150	20	3	2	TPF08.20PR.M003		AS 8388	TPN08.20PR.M003		AS 8994
20	102	160	20	3	2	TPF08.20PR.M004		AS 9466	TPN08.20PR.M004		AS 10073

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	2	TPF08.08PL.M001		AS 1249	TPN08.08PL.M001		AS 1497
8	32	80	8	3	2	TPF08.08PL.M002		AS 1433	TPN08.08PL.M002		AS 1682
8	42	90	8	3	2	TPF08.08PL.M003		AS 1740	TPN08.08PL.M003		AS 1989
10	32	80	10	3	2	TPF08.10PL.M001		AS 1844	TPN08.10PL.M001		AS 2092
10	42	100	10	3	2	TPF08.10PL.M002		AS 2299	TPN08.10PL.M002		AS 2547
10	52	100	10	3	2	TPF08.10PL.M003		AS 2662	TPN08.10PL.M003		AS 2911
12	32	80	12	3	2	TPF08.12PL.M001		AS 2285	TPN08.12PL.M001		AS 2626
12	42	100	12	3	2	TPF08.12PL.M002		AS 2779	TPN08.12PL.M002		AS 3117
12	52	100	12	3	2	TPF08.12PL.M003		AS 3045	TPN08.12PL.M003		AS 3385
14	42	100	14	3	2	TPF08.14PL.M001		AS 3458	TPN08.14PL.M001		AS 3799
14	52	100	14	3	2	TPF08.14PL.M002		AS 3765	TPN08.14PL.M002		AS 4106
16	42	100	16	3	2	TPF08.16PL.M001		AS 4218	TPN08.16PL.M001		AS 4556
16	52	100	16	3	2	TPF08.16PL.M002		AS 4461	TPN08.16PL.M002		AS 4802
16	72	120	16	3	2	TPF08.16PL.M003		AS 5539	TPN08.16PL.M003		AS 6053
18	52	100	18	3	2	TPF08.18PL.M001		AS 5288	TPN08.18PL.M001		AS 5818
18	72	130	18	3	2	TPF08.18PL.M002		AS 6693	TPN08.18PL.M002		AS 7299
20	52	100	20	3	2	TPF08.20PL.M001		AS 6366	TPN08.20PL.M001		AS 6894
20	72	130	20	3	2	TPF08.20PL.M002		AS 8017	TPN08.20PL.M002		AS 8620
20	85	150	20	3	2	TPF08.20PL.M003		AS 9229	TPN08.20PL.M003		AS 9832
20	102	160	20	3	2	TPF08.20PL.M004		AS 10413	TPN08.20PL.M004		AS 11020

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs
 Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (8 m/min.)	H30 (7 m/min.)
14x42	H30 (9 m/min.)	H40 (8 m/min.)
20x52	H40 (10-11 m/min.)	H50 (9 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW z:3 rtm elica negativa - rtm = passo 2 mm

HW spiral bits z:3 rtm downcut - rtm = pitch 2 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast feed speed and vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	2	TPF08.08NR.M001	●	AS 1201	TPN08.08NR.M001	●	AS 1450
8	32	80	8	3	2	TPF08.08NR.M002	●	AS 1377	TPN08.08NR.M002	●	AS 1626
8	42	90	8	3	2	TPF08.08NR.M003	●	AS 1679	TPN08.08NR.M003	●	AS 1927
10	32	80	10	3	2	TPF08.10NR.M001	●	AS 1763	TPN08.10NR.M001	●	AS 2011
10	42	100	10	3	2	TPF08.10NR.M002	●	AS 2204	TPN08.10NR.M002	●	AS 2453
10	52	100	10	3	2	TPF08.10NR.M003	●	AS 2564	TPN08.10NR.M003	●	AS 2813
12	32	80	12	3	2	TPF08.12NR.M001	●	AS 2176	TPN08.12NR.M001	●	AS 2514
12	42	100	12	3	2	TPF08.12NR.M002	●	AS 2645	TPN08.12NR.M002	●	AS 2986
12	52	100	12	3	2	TPF08.12NR.M003	●	AS 2913	TPN08.12NR.M003	●	AS 3251
14	42	100	14	3	2	TPF08.14NR.M001	●	AS 3282	TPN08.14NR.M001	●	AS 3620
14	52	100	14	3	2	TPF08.14NR.M002	●	AS 3749	TPN08.14NR.M002	●	AS 4089
16	42	100	16	3	2	TPF08.16NR.M001	●	AS 3992	TPN08.16NR.M001	●	AS 4332
16	52	100	16	3	2	TPF08.16NR.M002	●	AS 4441	TPN08.16NR.M002	●	AS 4782
16	72	120	16	3	2	TPF08.16NR.M003	●	AS 5480	TPN08.16NR.M003	●	AS 5992
18	52	100	18	3	2	TPF08.18NR.M001	●	AS 5268	TPN08.18NR.M001	●	AS 5796
18	72	130	18	3	2	TPF08.18NR.M002	●	AS 6335	TPN08.18NR.M002	●	AS 6941
20	52	100	20	3	2	TPF08.20NR.M001	●	AS 6341	TPN08.20NR.M001	●	AS 6869
20	72	130	20	3	2	TPF08.20NR.M002	●	AS 7573	TPN08.20NR.M002	●	AS 8179
20	85	150	20	3	2	TPF08.20NR.M003	●	AS 8721	TPN08.20NR.M003	●	AS 9324
20	102	160	20	3	2	TPF08.20NR.M004	●	AS 9874	TPN08.20NR.M004	●	AS 10480

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	2	TPF08.08NL.M001	●	AS 1321	TPN08.08NL.M001	●	AS 1570
8	32	80	8	3	2	TPF08.08NL.M002	●	AS 1514	TPN08.08NL.M002	●	AS 1763
8	42	90	8	3	2	TPF08.08NL.M003	●	AS 1846	TPN08.08NL.M003	●	AS 2095
10	32	80	10	3	2	TPF08.10NL.M001	●	AS 1939	TPN08.10NL.M001	●	AS 2187
10	42	100	10	3	2	TPF08.10NL.M002	●	AS 2422	TPN08.10NL.M002	●	AS 2670
10	52	100	10	3	2	TPF08.10NL.M003	●	AS 2821	TPN08.10NL.M003	●	AS 3070
12	32	80	12	3	2	TPF08.12NL.M001	●	AS 2394	TPN08.12NL.M001	●	AS 2732
12	42	100	12	3	2	TPF08.12NL.M002	●	AS 2908	TPN08.12NL.M002	●	AS 3249
12	52	100	12	3	2	TPF08.12NL.M003	●	AS 3204	TPN08.12NL.M003	●	AS 3545
14	42	100	14	3	2	TPF08.14NL.M001	●	AS 3609	TPN08.14NL.M001	●	AS 3950
14	52	100	14	3	2	TPF08.14NL.M002	●	AS 4126	TPN08.14NL.M002	●	AS 4464
16	42	100	16	3	2	TPF08.16NL.M001	●	AS 4391	TPN08.16NL.M001	●	AS 4732
16	52	100	16	3	2	TPF08.16NL.M002	●	AS 4888	TPN08.16NL.M002	●	AS 5226
16	72	120	16	3	2	TPF08.16NL.M003	●	AS 6028	TPN08.16NL.M003	●	AS 6542
18	52	100	18	3	2	TPF08.18NL.M001	●	AS 5793	TPN08.18NL.M001	●	AS 6321
18	72	130	18	3	2	TPF08.18NL.M002	●	AS 6969	TPN08.18NL.M002	●	AS 7573
20	52	100	20	3	2	TPF08.20NL.M001	●	AS 6975	TPN08.20NL.M001	●	AS 7503
20	72	130	20	3	2	TPF08.20NL.M002	●	AS 8330	TPN08.20NL.M002	●	AS 8936
20	85	150	20	3	2	TPF08.20NL.M003	●	AS 9592	TPN08.20NL.M003	●	AS 10198
20	102	160	20	3	2	TPF08.20NL.M004	●	AS 10863	TPN08.20NL.M004	●	AS 11466

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (8 m/min.)	H30 (7 m/min.)
14x42	H30 (9 m/min.)	H40 (8 m/min.)
20x52	H40 (10-11 m/min.)	H50 (9 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

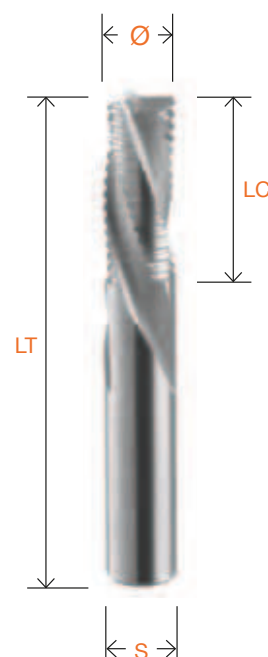
HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

Dati indicativi / Datas are indicative only

TPF08/18

HW | Z=3



Esempio d'impiego: pag. 6
Router application: page 6



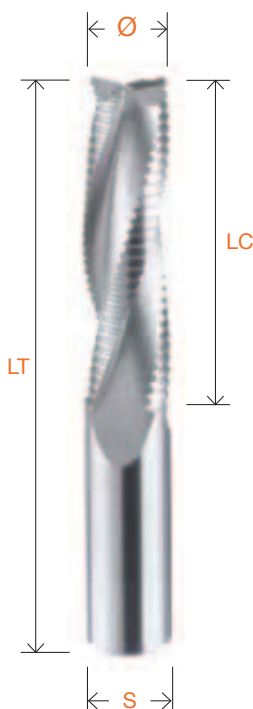
Esempio di lavorazione: pag. 6
Working example: page 6



Altre misure disponibili su richiesta |
Other dimensions available on request
Minimo d'ordine 2 pz / Minimum
order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 |
For availability see page 3

TPF08/19

HW | Z=3



Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Fresa HW z:3 rtg elica positiva - rtg = passo 2,5 mm

HW spiral bits z:3 rtg upcut - rtg = pitch 2,5 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	2	TPF08.08PR.G001		AS 1064	TPN08.08PR.G001		AS 1313
8	32	80	8	3	2	TPF08.08PR.G002		AS 1218	TPN08.08PR.G002		AS 1466
8	42	90	8	3	2	TPF08.08PR.G003		AS 1472	TPN08.08PR.G003		AS 1721
10	32	80	10	3	2	TPF08.10PR.G001		AS 1578	TPN08.10PR.G001		AS 1827
10	42	100	10	3	2	TPF08.10PR.G002		AS 1966	TPN08.10PR.G002		AS 2215
10	52	100	10	3	2	TPF08.10PR.G003		AS 2257	TPN08.10PR.G003		AS 2506
12	32	80	12	3	2	TPF08.12PR.G001		AS 1966	TPN08.12PR.G001		AS 2307
12	42	100	12	3	2	TPF08.12PR.G002		AS 2394	TPN08.12PR.G002		AS 2735
12	52	100	12	3	2	TPF08.12PR.G003		AS 2609	TPN08.12PR.G003		AS 2950
14	42	100	14	3	2	TPF08.14PR.G001		AS 2992	TPN08.14PR.G001		AS 3330
14	52	100	14	3	2	TPF08.14PR.G002		AS 3240	TPN08.14PR.G002		AS 3578
16	42	100	16	3	2	TPF08.16PR.G001		AS 3659	TPN08.16PR.G001		AS 3997
16	52	100	16	3	2	TPF08.16PR.G002		AS 3855	TPN08.16PR.G002		AS 4196
16	72	120	16	3	2	TPF08.16PR.G003		AS 4774	TPN08.16PR.G003		AS 5288
18	52	100	18	3	2	TPF08.18PR.G001		AS 4587	TPN08.18PR.G001		AS 5115
18	72	130	18	3	2	TPF08.18PR.G002		AS 5807	TPN08.18PR.G002		AS 6411
20	52	100	20	3	2	TPF08.20PR.G001		AS 5528	TPN08.20PR.G001		AS 6056
20	72	130	20	3	2	TPF08.20PR.G002		AS 6969	TPN08.20PR.G002		AS 7573
20	85	150	20	3	2	TPF08.20PR.G003		AS 8020	TPN08.20PR.G003		AS 8623
20	102	160	20	3	2	TPF08.20PR.G004		AS 9014	TPN08.20PR.G004		AS 9617

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	2	TPF08.08PL.G001		AS 1170	TPN08.08PL.G001		AS 1419
8	32	80	8	3	2	TPF08.08PL.G002		AS 1341	TPN08.08PL.G002		AS 1589
8	42	90	8	3	2	TPF08.08PL.G003		AS 1620	TPN08.08PL.G003		AS 1869
10	32	80	10	3	2	TPF08.10PL.G001		AS 1735	TPN08.10PL.G001		AS 1983
10	42	100	10	3	2	TPF08.10PL.G002		AS 2162	TPN08.10PL.G002		AS 2411
10	52	100	10	3	2	TPF08.10PL.G003		AS 2483	TPN08.10PL.G003		AS 2732
12	32	80	12	3	2	TPF08.12PL.G001		AS 2165	TPN08.12PL.G001		AS 2506
12	42	100	12	3	2	TPF08.12PL.G002		AS 2634	TPN08.12PL.G002		AS 2972
12	52	100	12	3	2	TPF08.12PL.G003		AS 2872	TPN08.12PL.G003		AS 3212
14	42	100	14	3	2	TPF08.14PL.G001		AS 3291	TPN08.14PL.G001		AS 3628
14	52	100	14	3	2	TPF08.14PL.G002		AS 3561	TPN08.14PL.G002		AS 3902
16	42	100	16	3	2	TPF08.16PL.G001		AS 4025	TPN08.16PL.G001		AS 4363
16	52	100	16	3	2	TPF08.16PL.G002		AS 4240	TPN08.16PL.G002		AS 4581
16	72	120	16	3	2	TPF08.16PL.G003		AS 5251	TPN08.16PL.G003		AS 5763
18	52	100	18	3	2	TPF08.18PL.G001		AS 5045	TPN08.18PL.G001		AS 5573
18	72	130	18	3	2	TPF08.18PL.G002		AS 6388	TPN08.18PL.G002		AS 6992
20	52	100	20	3	2	TPF08.20PL.G001		AS 6081	TPN08.20PL.G001		AS 6609
20	72	130	20	3	2	TPF08.20PL.G002		AS 7665	TPN08.20PL.G002		AS 8271
20	85	150	20	3	2	TPF08.20PL.G003		AS 8821	TPN08.20PL.G003		AS 9427
20	102	160	20	3	2	TPF08.20PL.G004		AS 9913	TPN08.20PL.G004		AS 10520

Altre misure disponibili su richiesta |
Other dimensions available on request
Minimo d'ordine 2 pz / Minimum
order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 |
For availability see page 3

Soft wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (8 m/min.)	H30 (7 m/min.)
14x42	H30 (9 m/min.)	H40 (8 m/min.)
20x52	H40 (10-11 m/min.)	H50 (9 m/min.)

Hard wood - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

HPL - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (8 m/min.)	H50 (7 m/min.)

Dati indicativi / Datas are indicative only

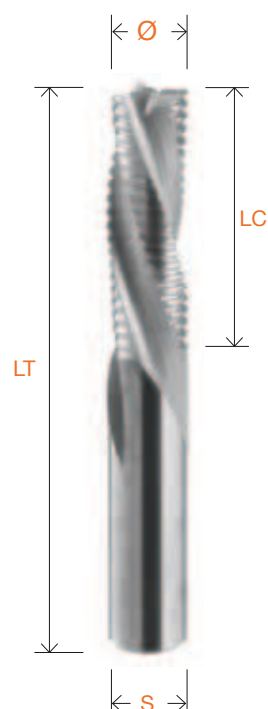
Fresa HW z:3 rtg elica negativa - rtg = passo 2,5 mm

HW spiral bits z:3 rtg downcut - rtg = pitch 2,5 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast feed speed and vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Rtf (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	2	TPF08.08NR.G001	●	AS 1123	TPN08.08NR.G001	●	AS 1372
8	32	80	8	3	2	TPF08.08NR.G002	●	AS 1285	TPN08.08NR.G002	●	AS 1534
8	42	90	8	3	2	TPF08.08NR.G003	●	AS 1559	TPN08.08NR.G003	●	AS 1807
10	32	80	10	3	2	TPF08.10NR.G001	●	AS 1656	TPN08.10NR.G001	●	AS 1905
10	42	100	10	3	2	TPF08.10NR.G002	●	AS 2064	TPN08.10NR.G002	●	AS 2313
10	52	100	10	3	2	TPF08.10NR.G003	●	AS 2388	TPN08.10NR.G003	●	AS 2637
12	32	80	12	3	2	TPF08.12NR.G001	●	AS 2056	TPN08.12NR.G001	●	AS 2394
12	42	100	12	3	2	TPF08.12NR.G002	●	AS 2500	TPN08.12NR.G002	●	AS 2838
12	52	100	12	3	2	TPF08.12NR.G003	●	AS 2737	TPN08.12NR.G003	●	AS 3078
14	42	100	14	3	2	TPF08.14NR.G001	●	AS 3112	TPN08.14NR.G001	●	AS 3453
14	52	100	14	3	2	TPF08.14NR.G002	●	AS 3547	TPN08.14NR.G002	●	AS 3888
16	42	100	16	3	2	TPF08.16NR.G001	●	AS 3799	TPN08.16NR.G001	●	AS 4140
16	52	100	16	3	2	TPF08.16NR.G002	●	AS 4223	TPN08.16NR.G002	●	AS 4564
16	72	120	16	3	2	TPF08.16NR.G003	●	AS 5190	TPN08.16NR.G003	●	AS 5704
18	52	100	18	3	2	TPF08.18NR.G001	●	AS 5022	TPN08.18NR.G001	●	AS 5550
18	72	130	18	3	2	TPF08.18NR.G002	●	AS 6031	TPN08.18NR.G002	●	AS 6634
20	52	100	20	3	2	TPF08.20NR.G001	●	AS 6056	TPN08.20NR.G001	●	AS 6584
20	72	130	20	3	2	TPF08.20NR.G002	●	AS 7223	TPN08.20NR.G002	●	AS 7827
20	85	150	20	3	2	TPF08.20NR.G003	●	AS 8316	TPN08.20NR.G003	●	AS 8919
20	102	160	20	3	2	TPF08.20NR.G004	●	AS 9377	TPN08.20NR.G004	●	AS 9980



Esempio d'impiego: pag. 6
Router application: page 6



Esempio di lavorazione: pag. 6
Working example: page 6



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Rtf (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	2	TPF08.08NL.G001	●	AS 1235	TPN08.08NL.G001	●	AS 1483
8	32	80	8	3	2	TPF08.08NL.G002	●	AS 1413	TPN08.08NL.G002	●	AS 1662
8	42	90	8	3	2	TPF08.08NL.G003	●	AS 1715	TPN08.08NL.G003	●	AS 1964
10	32	80	10	3	2	TPF08.10NL.G001	●	AS 1821	TPN08.10NL.G001	●	AS 2070
10	42	100	10	3	2	TPF08.10NL.G002	●	AS 2271	TPN08.10NL.G002	●	AS 2520
10	52	100	10	3	2	TPF08.10NL.G003	●	AS 2626	TPN08.10NL.G003	●	AS 2874
12	32	80	12	3	2	TPF08.12NL.G001	●	AS 2260	TPN08.12NL.G001	●	AS 2601
12	42	100	12	3	2	TPF08.12NL.G002	●	AS 2749	TPN08.12NL.G002	●	AS 3089
12	52	100	12	3	2	TPF08.12NL.G003	●	AS 3011	TPN08.12NL.G003	●	AS 3352
14	42	100	14	3	2	TPF08.14NL.G001	●	AS 3425	TPN08.14NL.G001	●	AS 3763
14	52	100	14	3	2	TPF08.14NL.G002	●	AS 3902	TPN08.14NL.G002	●	AS 4243
16	42	100	16	3	2	TPF08.16NL.G001	●	AS 4179	TPN08.16NL.G001	●	AS 4520
16	52	100	16	3	2	TPF08.16NL.G002	●	AS 4645	TPN08.16NL.G002	●	AS 4986
16	72	120	16	3	2	TPF08.16NL.G003	●	AS 5709	TPN08.16NL.G003	●	AS 6223
18	52	100	18	3	2	TPF08.18NL.G001	●	AS 5525	TPN08.18NL.G001	●	AS 6053
18	72	130	18	3	2	TPF08.18NL.G002	●	AS 6631	TPN08.18NL.G002	●	AS 7237
20	52	100	20	3	2	TPF08.20NL.G001	●	AS 6662	TPN08.20NL.G001	●	AS 7190
20	72	130	20	3	2	TPF08.20NL.G002	●	AS 7944	TPN08.20NL.G002	●	AS 8550
20	85	150	20	3	2	TPF08.20NL.G003	●	AS 9145	TPN08.20NL.G003	●	AS 9751
20	102	160	20	3	2	TPF08.20NL.G004	●	AS 10313	TPN08.20NL.G004	●	AS 10919

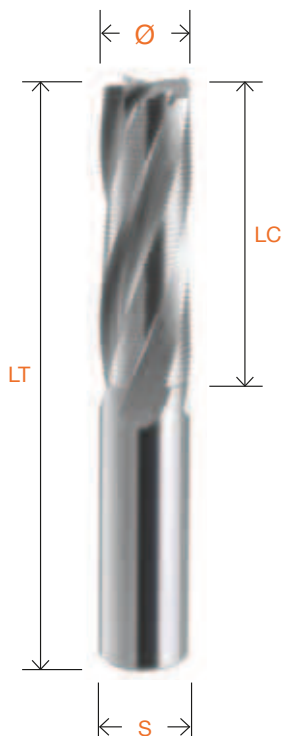
Altre misure disponibili su richiesta |
Other dimensions available on request
Minimo d'ordine 2 pz / Minimum
order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 |
For availability see page 3

Soft wood - 18.000 - 24.000 RPM			Hard wood - 18.000 - 24.000 RPM			HPL - 18.000 - 24.000 RPM		
Dimensions	Work thickness (feed speed)	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)	Work thickness (feed speed)	Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
12x32	H15 (8 m/min.)	H30 (7 m/min.)	12x32	H15 (6 m/min.)	H30 (5 m/min.)	12x32	H15 (6 m/min.)	H30 (5 m/min.)
14x42	H30 (9 m/min.)	H40 (8 m/min.)	14x42	H30 (7 m/min.)	H40 (6 m/min.)	14x42	H30 (7 m/min.)	H40 (6 m/min.)
20x52	H40 (10-11 m/min.)	H50 (9 m/min.)	20x52	H40 (8 m/min.)	H50 (7 m/min.)	20x52	H40 (8 m/min.)	H50 (7 m/min.)

Dati indicativi / Datas are indicative only

TPF08/21

HW | Z=4



Esempio d'impiego: pag. 6
Router application: page 6

Esempio di lavorazione: pag. 6
Working example: page 6

Fresa HW z:4 rtf elica positiva - rtf = passo 1 mm

HW spiral bits z:4 rtf upcut - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1	TPF08.08PR.X004	●	AS 1696	TPN08.08PR.X004	●	AS 1944
8	32	80	8	4	1	TPF08.08PR.X005	●	AS 1953	TPN08.08PR.X005	●	AS 2201
8	42	90	8	4	1	TPF08.08PR.X006	●	AS 2425	TPN08.08PR.X006	●	AS 2673
10	32	80	10	4	1	TPF08.10PR.X004	●	AS 2439	TPN08.10PR.X004	●	AS 2687
10	42	100	10	4	1	TPF08.10PR.X005	●	AS 3064	TPN08.10PR.X005	●	AS 3313
10	52	100	10	4	1	TPF08.10PR.X006	●	AS 3682	TPN08.10PR.X006	●	AS 3930
12	32	80	12	4	1	TPF08.12PR.X004	●	AS 2927	TPN08.12PR.X004	●	AS 3268
12	42	100	12	4	1	TPF08.12PR.X005	●	AS 3556	TPN08.12PR.X005	●	AS 3897
12	52	100	12	4	1	TPF08.12PR.X006	●	AS 4011	TPN08.12PR.X006	●	AS 4352
14	42	100	14	4	1	TPF08.14PR.X003	●	AS 4335	TPN08.14PR.X003	●	AS 4676
14	52	100	14	4	1	TPF08.14PR.X004	●	AS 4858	TPN08.14PR.X004	●	AS 5198
16	42	100	16	4	1	TPF08.16PR.X004	●	AS 5201	TPN08.16PR.X004	●	AS 5539
16	52	100	16	4	1	TPF08.16PR.X005	●	AS 5615	TPN08.16PR.X005	●	AS 5955
16	72	120	16	4	1	TPF08.16PR.X006	●	AS 7087	TPN08.16PR.X006	●	AS 7598
18	52	100	18	4	1	TPF08.18PR.X003	●	AS 6547	TPN08.18PR.X003	●	AS 7075
18	72	130	18	4	1	TPF08.18PR.X004	●	AS 8260	TPN08.18PR.X004	●	AS 8863
20	52	100	20	4	1	TPF08.20PR.X005	●	AS 7804	TPN08.20PR.X005	●	AS 8335
20	72	130	20	4	1	TPF08.20PR.X006	●	AS 9771	TPN08.20PR.X006	●	AS 10374
20	85	150	20	4	1	TPF08.20PR.X007	●	AS 11268	TPN08.20PR.X007	●	AS 11872
20	102	160	20	4	1	TPF08.20PR.X008	●	AS 13006	TPN08.20PR.X008	●	AS 13612

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1	TPF08.08PL.X004	●	AS 1863	TPN08.08PL.X004	●	AS 2112
8	32	80	8	4	1	TPF08.08PL.X005	●	AS 2148	TPN08.08PL.X005	●	AS 2397
8	42	90	8	4	1	TPF08.08PL.X006	●	AS 2668	TPN08.08PL.X006	●	AS 2916
10	32	80	10	4	1	TPF08.10PL.X004	●	AS 2682	TPN08.10PL.X004	●	AS 2930
10	42	100	10	4	1	TPF08.10PL.X005	●	AS 3372	TPN08.10PL.X005	●	AS 3620
10	52	100	10	4	1	TPF08.10PL.X006	●	AS 4047	TPN08.10PL.X006	●	AS 4296
12	32	80	12	4	1	TPF08.12PL.X004	●	AS 3221	TPN08.12PL.X004	●	AS 3561
12	42	100	12	4	1	TPF08.12PL.X005	●	AS 3911	TPN08.12PL.X005	●	AS 4251
12	52	100	12	4	1	TPF08.12PL.X006	●	AS 4413	TPN08.12PL.X006	●	AS 4751
14	42	100	14	4	1	TPF08.14PL.X003	●	AS 4768	TPN08.14PL.X003	●	AS 5109
14	52	100	14	4	1	TPF08.14PL.X004	●	AS 5344	TPN08.14PL.X004	●	AS 5682
16	42	100	16	4	1	TPF08.16PL.X004	●	AS 5721	TPN08.16PL.X004	●	AS 6059
16	52	100	16	4	1	TPF08.16PL.X005	●	AS 6176	TPN08.16PL.X005	●	AS 6517
16	72	120	16	4	1	TPF08.16PL.X006	●	AS 7793	TPN08.16PL.X006	●	AS 8307
18	52	100	18	4	1	TPF08.18PL.X003	●	AS 7201	TPN08.18PL.X003	●	AS 7729
18	72	130	18	4	1	TPF08.18PL.X004	●	AS 9084	TPN08.18PL.X004	●	AS 9687
20	52	100	20	4	1	TPF08.20PL.X005	●	AS 8587	TPN08.20PL.X005	●	AS 9115
20	72	130	20	4	1	TPF08.20PL.X006	●	AS 10749	TPN08.20PL.X006	●	AS 11352
20	85	150	20	4	1	TPF08.20PL.X007	●	AS 12394	TPN08.20PL.X007	●	AS 13000
20	102	160	20	4	1	TPF08.20PL.X008	●	AS 14307	TPN08.20PL.X008	●	AS 14911

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:4 rtf elica negativa - rtf = passo 1 mm

HW spiral bits z:4 rtf downcut - rtf = pitch 1 mm

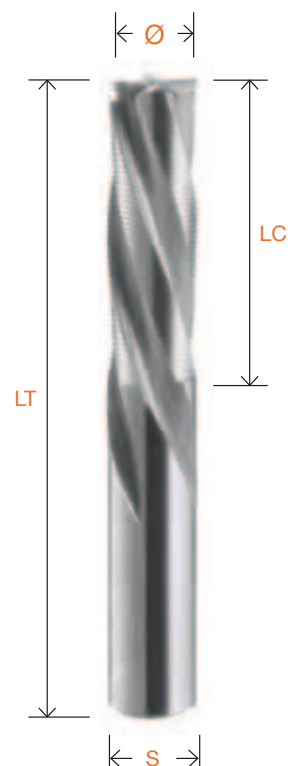
Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast feed speed and vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1	TPF08.08NR.X004	●	AS 1816	TPN08.08NR.X004	●	AS 2064
8	32	80	8	4	1	TPF08.08NR.X005	●	AS 2095	TPN08.08NR.X005	●	AS 2344
8	42	90	8	4	1	TPF08.08NR.X006	●	AS 2609	TPN08.08NR.X006	●	AS 2858
10	32	80	10	4	1	TPF08.10NR.X004	●	AS 2603	TPN08.10NR.X004	●	AS 2852
10	42	100	10	4	1	TPF08.10NR.X005	●	AS 3277	TPN08.10NR.X005	●	AS 3525
10	52	100	10	4	1	TPF08.10NR.X006	●	AS 3953	TPN08.10NR.X006	●	AS 4201
12	32	80	12	4	1	TPF08.12NR.X004	●	AS 3112	TPN08.12NR.X004	●	AS 3450
12	42	100	12	4	1	TPF08.12NR.X005	●	AS 3779	TPN08.12NR.X005	●	AS 4117
12	52	100	12	4	1	TPF08.12NR.X006	●	AS 4279	TPN08.12NR.X006	●	AS 4620
14	42	100	14	4	1	TPF08.14NR.X003	●	AS 4592	TPN08.14NR.X003	●	AS 4933
14	52	100	14	4	1	TPF08.14NR.X004	●	AS 5327	TPN08.14NR.X004	●	AS 5668
16	42	100	16	4	1	TPF08.16NR.X004	●	AS 5494	TPN08.16NR.X004	●	AS 5835
16	52	100	16	4	1	TPF08.16NR.X005	●	AS 6156	TPN08.16NR.X005	●	AS 6497
16	72	120	16	4	1	TPF08.16NR.X006	●	AS 7735	TPN08.16NR.X006	●	AS 8246
18	52	100	18	4	1	TPF08.18NR.X003	●	AS 7179	TPN08.18NR.X003	●	AS 7709
18	72	130	18	4	1	TPF08.18NR.X004	●	AS 8726	TPN08.18NR.X004	●	AS 9330
20	52	100	20	4	1	TPF08.20NR.X005	●	AS 8561	TPN08.20NR.X005	●	AS 9089
20	72	130	20	4	1	TPF08.20NR.X006	●	AS 10304	TPN08.20NR.X006	●	AS 10911
20	85	150	20	4	1	TPF08.20NR.X007	●	AS 11885	TPN08.20NR.X007	●	AS 12492
20	102	160	20	4	1	TPF08.20NR.X008	●	AS 13768	TPN08.20NR.X008	●	AS 14374

TPF08/22

HW | Z=4



Esempio d'impiego: pag. 6
Router application: page 6



Esempio di lavorazione: pag. 6
Working example: page 6



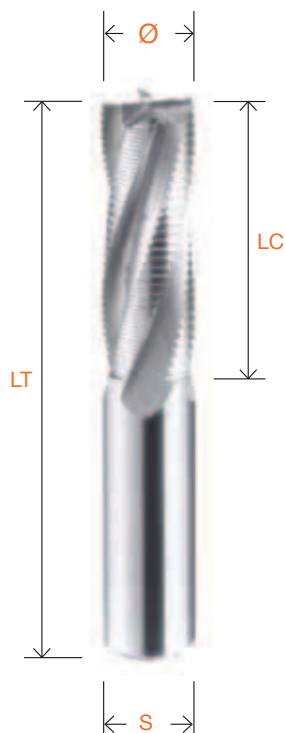
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1	TPF08.08NL.X004	●	AS 1994	TPN08.08NL.X004	●	AS 2243
8	32	80	8	4	1	TPF08.08NL.X005	●	AS 2304	TPN08.08NL.X005	●	AS 2553
8	42	90	8	4	1	TPF08.08NL.X006	●	AS 2869	TPN08.08NL.X006	●	AS 3117
10	32	80	10	4	1	TPF08.10NL.X004	●	AS 2863	TPN08.10NL.X004	●	AS 3112
10	42	100	10	4	1	TPF08.10NL.X005	●	AS 3603	TPN08.10NL.X005	●	AS 3852
10	52	100	10	4	1	TPF08.10NL.X006	●	AS 4346	TPN08.10NL.X006	●	AS 4595
12	32	80	12	4	1	TPF08.12NL.X004	●	AS 3422	TPN08.12NL.X004	●	AS 3763
12	42	100	12	4	1	TPF08.12NL.X005	●	AS 4156	TPN08.12NL.X005	●	AS 4497
12	52	100	12	4	1	TPF08.12NL.X006	●	AS 4707	TPN08.12NL.X006	●	AS 5047
14	42	100	14	4	1	TPF08.14NL.X003	●	AS 5050	TPN08.14NL.X003	●	AS 5391
14	52	100	14	4	1	TPF08.14NL.X004	●	AS 5860	TPN08.14NL.X004	●	AS 6201
16	42	100	16	4	1	TPF08.16NL.X004	●	AS 6042	TPN08.16NL.X004	●	AS 6383
16	52	100	16	4	1	TPF08.16NL.X005	●	AS 6774	TPN08.16NL.X005	●	AS 7112
16	72	120	16	4	1	TPF08.16NL.X006	●	AS 8506	TPN08.16NL.X006	●	AS 9020
18	52	100	18	4	1	TPF08.18NL.X003	●	AS 7897	TPN08.18NL.X003	●	AS 8425
18	72	130	18	4	1	TPF08.18NL.X004	●	AS 9601	TPN08.18NL.X004	●	AS 10204
20	52	100	20	4	1	TPF08.20NL.X005	●	AS 9416	TPN08.20NL.X005	●	AS 9944
20	72	130	20	4	1	TPF08.20NL.X006	●	AS 11335	TPN08.20NL.X006	●	AS 11941
20	85	150	20	4	1	TPF08.20NL.X007	●	AS 13075	TPN08.20NL.X007	●	AS 13679
20	102	160	20	4	1	TPF08.20NL.X008	●	AS 15145	TPN08.20NL.X008	●	AS 15749

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF08/23

HW | Z=4



Esempio d'impiego: pag. 6
Router application: page 6



Esempio di lavorazione: pag. 6
Working example: page 6



Fresa HW z:4 rt elica positiva - rt = passo 1,5 mm

HW spiral bits z:4 rt upcut - rt = pitch 1,5 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1,5	TPF08.08PR.F004	●	AS 1349	TPN08.08PR.F004	●	AS 1598
8	32	80	8	4	1,5	TPF08.08PR.F005	●	AS 1553	TPN08.08PR.F005	●	AS 1802
8	42	90	8	4	1,5	TPF08.08PR.F006	●	AS 1905	TPN08.08PR.F006	●	AS 2154
10	32	80	10	4	1,5	TPF08.10PR.F004	●	AS 1969	TPN08.10PR.F004	●	AS 2218
10	42	100	10	4	1,5	TPF08.10PR.F005	●	AS 2466	TPN08.10PR.F005	●	AS 2715
10	52	100	10	4	1,5	TPF08.10PR.F006	●	AS 2905	TPN08.10PR.F006	●	AS 3154
12	32	80	12	4	1,5	TPF08.12PR.F004	●	AS 2405	TPN08.12PR.F004	●	AS 2743
12	42	100	12	4	1,5	TPF08.12PR.F005	●	AS 2922	TPN08.12PR.F005	●	AS 3263
12	52	100	12	4	1,5	TPF08.12PR.F006	●	AS 3246	TPN08.12PR.F006	●	AS 3587
14	42	100	14	4	1,5	TPF08.14PR.F003	●	AS 3601	TPN08.14PR.F003	●	AS 3941
14	52	100	14	4	1,5	TPF08.14PR.F004	●	AS 3975	TPN08.14PR.F004	●	AS 4316
16	42	100	16	4	1,5	TPF08.16PR.F004	●	AS 4358	TPN08.16PR.F004	●	AS 4698
16	52	100	16	4	1,5	TPF08.16PR.F005	●	AS 4656	TPN08.16PR.F005	●	AS 4994
16	72	120	16	4	1,5	TPF08.16PR.F006	●	AS 5824	TPN08.16PR.F006	●	AS 6338
18	52	100	18	4	1,5	TPF08.18PR.F003	●	AS 5478	TPN08.18PR.F003	●	AS 6006
18	72	130	18	4	1,5	TPF08.18PR.F004	●	AS 6922	TPN08.18PR.F004	●	AS 7525
20	52	100	20	4	1,5	TPF08.20PR.F005	●	AS 6564	TPN08.20PR.F005	●	AS 7092
20	72	130	20	4	1,5	TPF08.20PR.F006	●	AS 8243	TPN08.20PR.F006	●	AS 8846
20	85	150	20	4	1,5	TPF08.20PR.F007	●	AS 9494	TPN08.20PR.F007	●	AS 10101
20	102	160	20	4	1,5	TPF08.20PR.F008	●	AS 10830	TPN08.20PR.F008	●	AS 11433

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1,5	TPF08.08PL.F004	●	AS 1486	TPN08.08PL.F004	●	AS 1735
8	32	80	8	4	1,5	TPF08.08PL.F005	●	AS 1707	TPN08.08PL.F005	●	AS 1955
8	42	90	8	4	1,5	TPF08.08PL.F006	●	AS 2098	TPN08.08PL.F006	●	AS 2346
10	32	80	10	4	1,5	TPF08.10PL.F004	●	AS 2165	TPN08.10PL.F004	●	AS 2413
10	42	100	10	4	1,5	TPF08.10PL.F005	●	AS 2712	TPN08.10PL.F005	●	AS 2961
10	52	100	10	4	1,5	TPF08.10PL.F006	●	AS 3196	TPN08.10PL.F006	●	AS 3444
12	32	80	12	4	1,5	TPF08.12PL.F004	●	AS 2645	TPN08.12PL.F004	●	AS 2983
12	42	100	12	4	1,5	TPF08.12PL.F005	●	AS 3215	TPN08.12PL.F005	●	AS 3553
12	52	100	12	4	1,5	TPF08.12PL.F006	●	AS 3573	TPN08.12PL.F006	●	AS 3911
14	42	100	14	4	1,5	TPF08.14PL.F003	●	AS 3961	TPN08.14PL.F003	●	AS 4302
14	52	100	14	4	1,5	TPF08.14PL.F004	●	AS 4372	TPN08.14PL.F004	●	AS 4712
16	42	100	16	4	1,5	TPF08.16PL.F004	●	AS 4796	TPN08.16PL.F004	●	AS 5134
16	52	100	16	4	1,5	TPF08.16PL.F005	●	AS 5120	TPN08.16PL.F005	●	AS 5461
16	72	120	16	4	1,5	TPF08.16PL.F006	●	AS 6408	TPN08.16PL.F006	●	AS 6919
18	52	100	18	4	1,5	TPF08.18PL.F003	●	AS 6025	TPN08.18PL.F003	●	AS 6553
18	72	130	18	4	1,5	TPF08.18PL.F004	●	AS 7612	TPN08.18PL.F004	●	AS 8218
20	52	100	20	4	1,5	TPF08.20PL.F005	●	AS 7221	TPN08.20PL.F005	●	AS 7749
20	72	130	20	4	1,5	TPF08.20PL.F006	●	AS 9067	TPN08.20PL.F006	●	AS 9670
20	85	150	20	4	1,5	TPF08.20PL.F007	●	AS 10444	TPN08.20PL.F007	●	AS 11050
20	102	160	20	4	1,5	TPF08.20PL.F008	●	AS 11911	TPN08.20PL.F008	●	AS 12517

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

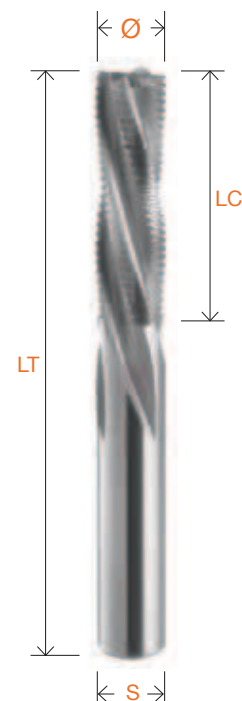
Fresa HW z:4 rt elica negativa - rt = passo 1,5 mm

HW spiral bits z:4 rt downcut - rt = pitch 1,5 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast feed speed and vacuum clamping of the piece. Better surface finish on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1,5	TPF08.08NR.F004	●	AS 1436	TPN08.08NR.F004	●	AS 1684
8	32	80	8	4	1,5	TPF08.08NR.F005	●	AS 1654	TPN08.08NR.F005	●	AS 1902
8	42	90	8	4	1,5	TPF08.08NR.F006	●	AS 2036	TPN08.08NR.F006	●	AS 2285
10	32	80	10	4	1,5	TPF08.10NR.F004	●	AS 2087	TPN08.10NR.F004	●	AS 2335
10	42	100	10	4	1,5	TPF08.10NR.F005	●	AS 2615	TPN08.10NR.F005	●	AS 2863
10	52	100	10	4	1,5	TPF08.10NR.F006	●	AS 3098	TPN08.10NR.F006	●	AS 3346
12	32	80	12	4	1,5	TPF08.12NR.F004	●	AS 2536	TPN08.12NR.F004	●	AS 2874
12	42	100	12	4	1,5	TPF08.12NR.F005	●	AS 3081	TPN08.12NR.F005	●	AS 3422
12	52	100	12	4	1,5	TPF08.12NR.F006	●	AS 3439	TPN08.12NR.F006	●	AS 3777
14	42	100	14	4	1,5	TPF08.14NR.F003	●	AS 3785	TPN08.14NR.F003	●	AS 4126
14	52	100	14	4	1,5	TPF08.14NR.F004	●	AS 4358	TPN08.14NR.F004	●	AS 4696
16	42	100	16	4	1,5	TPF08.16NR.F004	●	AS 4570	TPN08.16NR.F004	●	AS 4908
16	52	100	16	4	1,5	TPF08.16NR.F005	●	AS 5103	TPN08.16NR.F005	●	AS 5441
16	72	120	16	4	1,5	TPF08.16NR.F006	●	AS 6346	TPN08.16NR.F006	●	AS 6860
18	52	100	18	4	1,5	TPF08.18NR.F003	●	AS 6003	TPN08.18NR.F003	●	AS 6531
18	72	130	18	4	1,5	TPF08.18NR.F004	●	AS 7254	TPN08.18NR.F004	●	AS 7860
20	52	100	20	4	1,5	TPF08.20NR.F005	●	AS 7196	TPN08.20NR.F005	●	AS 7723
20	72	130	20	4	1,5	TPF08.20NR.F006	●	AS 8626	TPN08.20NR.F006	●	AS 9229
20	85	150	20	4	1,5	TPF08.20NR.F007	●	AS 9936	TPN08.20NR.F007	●	AS 10542
20	102	160	20	4	1,5	TPF08.20NR.F008	●	AS 11374	TPN08.20NR.F008	●	AS 11978



Esempio d'impiego: pag. 6
Router application: page 6



Esempio di lavorazione: pag. 6
Working example: page 6



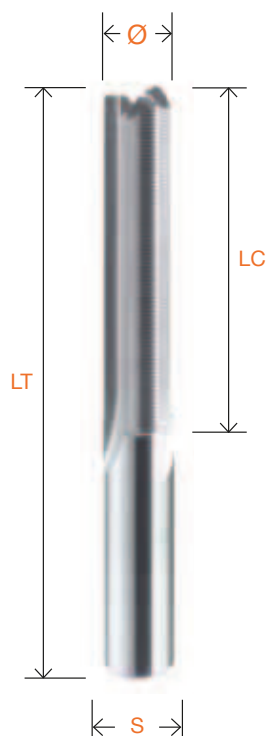
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1,5	TPF08.08NL.F004	●	AS 1581	TPN08.08NL.F004	●	AS 1830
8	32	80	8	4	1,5	TPF08.08NL.F005	●	AS 1818	TPN08.08NL.F005	●	AS 2067
8	42	90	8	4	1,5	TPF08.08NL.F006	●	AS 2240	TPN08.08NL.F006	●	AS 2489
10	32	80	10	4	1,5	TPF08.10NL.F004	●	AS 2296	TPN08.10NL.F004	●	AS 2545
10	42	100	10	4	1,5	TPF08.10NL.F005	●	AS 2877	TPN08.10NL.F005	●	AS 3126
10	52	100	10	4	1,5	TPF08.10NL.F006	●	AS 3408	TPN08.10NL.F006	●	AS 3656
12	32	80	12	4	1,5	TPF08.12NL.F004	●	AS 2788	TPN08.12NL.F004	●	AS 3128
12	42	100	12	4	1,5	TPF08.12NL.F005	●	AS 3388	TPN08.12NL.F005	●	AS 3729
12	52	100	12	4	1,5	TPF08.12NL.F006	●	AS 3782	TPN08.12NL.F006	●	AS 4123
14	42	100	14	4	1,5	TPF08.14NL.F003	●	AS 4165	TPN08.14NL.F003	●	AS 4503
14	52	100	14	4	1,5	TPF08.14NL.F004	●	AS 4791	TPN08.14NL.F004	●	AS 5131
16	42	100	16	4	1,5	TPF08.16NL.F004	●	AS 5025	TPN08.16NL.F004	●	AS 5366
16	52	100	16	4	1,5	TPF08.16NL.F005	●	AS 5612	TPN08.16NL.F005	●	AS 5953
16	72	120	16	4	1,5	TPF08.16NL.F006	●	AS 6980	TPN08.16NL.F006	●	AS 7494
18	52	100	18	4	1,5	TPF08.18NL.F003	●	AS 6603	TPN08.18NL.F003	●	AS 7131
18	72	130	18	4	1,5	TPF08.18NL.F004	●	AS 7980	TPN08.18NL.F004	●	AS 8584
20	52	100	20	4	1,5	TPF08.20NL.F005	●	AS 7913	TPN08.20NL.F005	●	AS 8441
20	72	130	20	4	1,5	TPF08.20NL.F006	●	AS 9486	TPN08.20NL.F006	●	AS 10092
20	85	150	20	4	1,5	TPF08.20NL.F007	●	AS 10930	TPN08.20NL.F007	●	AS 11534
20	102	160	20	4	1,5	TPF08.20NL.F008	●	AS 12511	TPN08.20NL.F008	●	AS 13115

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF08/25

HW | Z=3



Fresa HW z:3 rtf diretta - rtf = passo 1 mm

HW straight bits z:3 rtf - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con media velocità di avanzamento. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with medium feed speed. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
6	22	60	6	3	1	TPF08.06DR.X001	●	AS 1394	TPN08.06DR.X001	●	AS 1642
6	27	65	6	3	1	TPF08.06DR.X002	●	AS 1640	TPN08.06DR.X002	●	AS 1888
8	25	70	8	3	1	TPF08.08DR.X001	●	AS 1645	TPN08.08DR.X001	●	AS 1894
8	32	80	8	3	1	TPF08.08DR.X002	●	AS 1894	TPN08.08DR.X002	●	AS 2142
8	42	90	8	3	1	TPF08.08DR.X003	●	AS 2349	TPN08.08DR.X003	●	AS 2598
10	32	80	10	3	1	TPF08.10DR.X001	●	AS 2372	TPN08.10DR.X001	●	AS 2620
10	42	100	10	3	1	TPF08.10DR.X002	●	AS 2978	TPN08.10DR.X002	●	AS 3226
10	52	100	10	3	1	TPF08.10DR.X003	●	AS 3567	TPN08.10DR.X003	●	AS 3816
12	32	80	12	3	1	TPF08.12DR.X001	●	AS 2852	TPN08.12DR.X001	●	AS 3190
12	42	100	12	3	1	TPF08.12DR.X002	●	AS 3464	TPN08.12DR.X002	●	AS 3804
12	52	100	12	3	1	TPF08.12DR.X003	●	AS 3899	TPN08.12DR.X003	●	AS 4240
14	42	100	14	3	1	TPF08.14DR.X001	●	AS 4229	TPN08.14DR.X001	●	AS 4570
14	52	100	14	3	1	TPF08.14DR.X002	●	AS 4729	TPN08.14DR.X002	●	AS 5070
16	42	100	16	3	1	TPF08.16DR.X001	●	AS 5078	TPN08.16DR.X001	●	AS 5416
16	52	100	16	3	1	TPF08.16DR.X002	●	AS 5475	TPN08.16DR.X002	●	AS 5816
16	72	120	16	3	1	TPF08.16DR.X003	●	AS 6902	TPN08.16DR.X003	●	AS 7413
18	52	100	18	3	1	TPF08.18DR.X001	●	AS 6391	TPN08.18DR.X001	●	AS 6919
18	72	130	18	3	1	TPF08.18DR.X002	●	AS 8064	TPN08.18DR.X002	●	AS 8668
20	52	100	20	3	1	TPF08.20DR.X001	●	AS 7623	TPN08.20DR.X001	●	AS 8154
20	72	130	20	3	1	TPF08.20DR.X002	●	AS 9547	TPN08.20DR.X002	●	AS 10151
20	85	150	20	3	1	TPF08.20DR.X003	●	AS 11011	TPN08.20DR.X003	●	AS 11615
20	102	160	20	3	1	TPF08.20DR.X004	●	AS 12690	TPN08.20DR.X004	●	AS 13293

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
6	22	60	6	3	1	TPF08.06DL.X001	●	AS 1534	TPN08.06DL.X001	●	AS 1782
6	27	65	6	3	1	TPF08.06DL.X002	●	AS 1802	TPN08.06DL.X002	●	AS 2050
8	25	70	8	3	1	TPF08.08DL.X001	●	AS 1807	TPN08.08DL.X001	●	AS 2056
8	32	80	8	3	1	TPF08.08DL.X002	●	AS 2084	TPN08.08DL.X002	●	AS 2332
8	42	90	8	3	1	TPF08.08DL.X003	●	AS 2584	TPN08.08DL.X003	●	AS 2832
10	32	80	10	3	1	TPF08.10DL.X001	●	AS 2606	TPN08.10DL.X001	●	AS 2855
10	42	100	10	3	1	TPF08.10DL.X002	●	AS 3277	TPN08.10DL.X002	●	AS 3525
10	52	100	10	3	1	TPF08.10DL.X003	●	AS 3925	TPN08.10DL.X003	●	AS 4173
12	32	80	12	3	1	TPF08.12DL.X001	●	AS 3137	TPN08.12DL.X001	●	AS 3478
12	42	100	12	3	1	TPF08.12DL.X002	●	AS 3810	TPN08.12DL.X002	●	AS 4151
12	52	100	12	3	1	TPF08.12DL.X003	●	AS 4291	TPN08.12DL.X003	●	AS 4628
14	42	100	14	3	1	TPF08.14DL.X001	●	AS 4651	TPN08.14DL.X001	●	AS 4992
14	52	100	14	3	1	TPF08.14DL.X002	●	AS 5201	TPN08.14DL.X002	●	AS 5542
16	42	100	16	3	1	TPF08.16DL.X001	●	AS 5584	TPN08.16DL.X001	●	AS 5925
16	52	100	16	3	1	TPF08.16DL.X002	●	AS 6022	TPN08.16DL.X002	●	AS 6360
16	72	120	16	3	1	TPF08.16DL.X003	●	AS 7592	TPN08.16DL.X003	●	AS 8103
18	52	100	18	3	1	TPF08.18DL.X001	●	AS 7031	TPN08.18DL.X001	●	AS 7559
18	72	130	18	3	1	TPF08.18DL.X002	●	AS 8869	TPN08.18DL.X002	●	AS 9475
20	52	100	20	3	1	TPF08.20DL.X001	●	AS 8385	TPN08.20DL.X001	●	AS 8916
20	72	130	20	3	1	TPF08.20DL.X002	●	AS 10503	TPN08.20DL.X002	●	AS 11106
20	85	150	20	3	1	TPF08.20DL.X003	●	AS 12112	TPN08.20DL.X003	●	AS 12715
20	102	160	20	3	1	TPF08.20DL.X004	●	AS 13958	TPN08.20DL.X004	●	AS 14561

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:3 rt diritta - rt = passo 1,5 mm

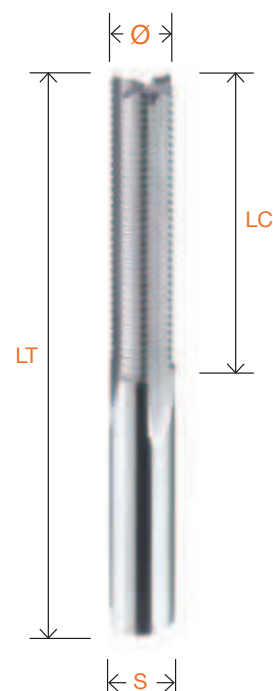
HW straight bits z:3 rt - rt = pitch 1,5 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con media velocità di avanzamento. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with medium feed speed. Available on request with **NaDia** coating DLC.

TPF08/26

HW | Z=3



LEGNO / WOOD

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	1,5	TPF08.08DR.F007	●	AS 1316	TPN08.08DR.F007	●	AS 1564
8	32	80	8	3	1,5	TPF08.08DR.F008	●	AS 1511	TPN08.08DR.F008	●	AS 1760
8	42	90	8	3	1,5	TPF08.08DR.F010	●	AS 1852	TPN08.08DR.F010	●	AS 2101
10	32	80	10	3	1,5	TPF08.10DR.F007	●	AS 1919	TPN08.10DR.F007	●	AS 2168
10	42	100	10	3	1,5	TPF08.10DR.F008	●	AS 2402	TPN08.10DR.F008	●	AS 2651
10	52	100	10	3	1,5	TPF08.10DR.F009	●	AS 2824	TPN08.10DR.F009	●	AS 3073
12	32	80	12	3	1,5	TPF08.12DR.F007	●	AS 2349	TPN08.12DR.F007	●	AS 2690
12	42	100	12	3	1,5	TPF08.12DR.F008	●	AS 2858	TPN08.12DR.F008	●	AS 3196
12	52	100	12	3	1,5	TPF08.12DR.F009	●	AS 3168	TPN08.12DR.F009	●	AS 3508
14	42	100	14	3	1,5	TPF08.14DR.F005	●	AS 3525	TPN08.14DR.F005	●	AS 3866
14	52	100	14	3	1,5	TPF08.14DR.F006	●	AS 4045	TPN08.14DR.F006	●	AS 4383
16	42	100	16	3	1,5	TPF08.16DR.F007	●	AS 4271	TPN08.16DR.F007	●	AS 4612
16	52	100	16	3	1,5	TPF08.16DR.F008	●	AS 4763	TPN08.16DR.F008	●	AS 5103
16	72	120	16	3	1,5	TPF08.16DR.F009	●	AS 5899	TPN08.16DR.F009	●	AS 6413
18	52	100	18	3	1,5	TPF08.18DR.F005	●	AS 5623	TPN08.18DR.F005	●	AS 6154
18	72	130	18	3	1,5	TPF08.18DR.F006	●	AS 6782	TPN08.18DR.F006	●	AS 7385
20	52	100	20	3	1,5	TPF08.20DR.F009	●	AS 6754	TPN08.20DR.F009	●	AS 7285
20	72	130	20	3	1,5	TPF08.20DR.F010	●	AS 8084	TPN08.20DR.F010	●	AS 8687
20	85	150	20	3	1,5	TPF08.20DR.F011	●	AS 9310	TPN08.20DR.F011	●	AS 9916
20	102	160	20	3	1,5	TPF08.20DR.F012	●	AS 10601	TPN08.20DR.F012	●	AS 11207

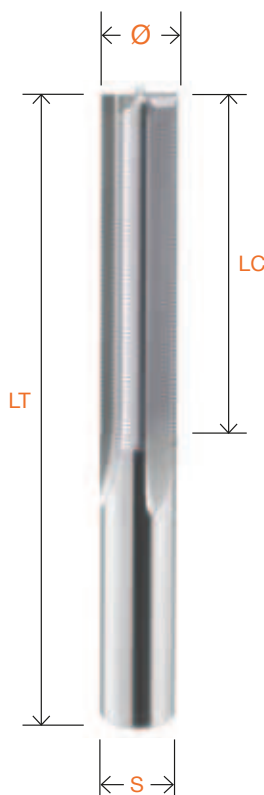
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	1,5	TPF08.08DL.F007	●	AS 1447	TPN08.08DL.F007	●	AS 1696
8	32	80	8	3	1,5	TPF08.08DL.F008	●	AS 1662	TPN08.08DL.F008	●	AS 1911
8	42	90	8	3	1,5	TPF08.08DL.F010	●	AS 2036	TPN08.08DL.F010	●	AS 2285
10	32	80	10	3	1,5	TPF08.10DL.F007	●	AS 2112	TPN08.10DL.F007	●	AS 2360
10	42	100	10	3	1,5	TPF08.10DL.F008	●	AS 2642	TPN08.10DL.F008	●	AS 2891
10	52	100	10	3	1,5	TPF08.10DL.F009	●	AS 3106	TPN08.10DL.F009	●	AS 3355
12	32	80	12	3	1,5	TPF08.12DL.F007	●	AS 2584	TPN08.12DL.F007	●	AS 2925
12	42	100	12	3	1,5	TPF08.12DL.F008	●	AS 3142	TPN08.12DL.F008	●	AS 3480
12	52	100	12	3	1,5	TPF08.12DL.F009	●	AS 3483	TPN08.12DL.F009	●	AS 3824
14	42	100	14	3	1,5	TPF08.14DL.F005	●	AS 3877	TPN08.14DL.F005	●	AS 4218
14	52	100	14	3	1,5	TPF08.14DL.F006	●	AS 4447	TPN08.14DL.F006	●	AS 4788
16	42	100	16	3	1,5	TPF08.16DL.F007	●	AS 4698	TPN08.16DL.F007	●	AS 5039
16	52	100	16	3	1,5	TPF08.16DL.F008	●	AS 5237	TPN08.16DL.F008	●	AS 5578
16	72	120	16	3	1,5	TPF08.16DL.F009	●	AS 6489	TPN08.16DL.F009	●	AS 7003
18	52	100	18	3	1,5	TPF08.18DL.F005	●	AS 6187	TPN08.18DL.F005	●	AS 6715
18	72	130	18	3	1,5	TPF08.18DL.F006	●	AS 7461	TPN08.18DL.F006	●	AS 8064
20	52	100	20	3	1,5	TPF08.20DL.F009	●	AS 7430	TPN08.20DL.F009	●	AS 7958
20	72	130	20	3	1,5	TPF08.20DL.F010	●	AS 8891	TPN08.20DL.F010	●	AS 9494
20	85	150	20	3	1,5	TPF08.20DL.F011	●	AS 10243	TPN08.20DL.F011	●	AS 10846
20	102	160	20	3	1,5	TPF08.20DL.F012	●	AS 11662	TPN08.20DL.F012	●	AS 12265

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF08/27

HW | Z=4



Fresa HW z:4 rtf diretta - rtf = passo 1 mm

HW straight bits z:4 rtf - rtf = pitch 1 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con media velocità di avanzamento. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with medium feed speed. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1	TPF08.08DR.X004	●	AS 1874	TPN08.08DR.X004	●	AS 2123
8	32	80	8	4	1	TPF08.08DR.X005	●	AS 2165	TPN08.08DR.X005	●	AS 2413
8	42	90	8	4	1	TPF08.08DR.X006	●	AS 2698	TPN08.08DR.X006	●	AS 2947
10	32	80	10	4	1	TPF08.10DR.X004	●	AS 2687	TPN08.10DR.X004	●	AS 2936
10	42	100	10	4	1	TPF08.10DR.X005	●	AS 3380	TPN08.10DR.X005	●	AS 3628
10	52	100	10	4	1	TPF08.10DR.X006	●	AS 4087	TPN08.10DR.X006	●	AS 4335
12	32	80	12	4	1	TPF08.12DR.X004	●	AS 3201	TPN08.12DR.X004	●	AS 3542
12	42	100	12	4	1	TPF08.12DR.X005	●	AS 3888	TPN08.12DR.X005	●	AS 4229
12	52	100	12	4	1	TPF08.12DR.X006	●	AS 4413	TPN08.12DR.X006	●	AS 4751
14	42	100	14	4	1	TPF08.14DR.X003	●	AS 4721	TPN08.14DR.X003	●	AS 5061
14	52	100	14	4	1	TPF08.14DR.X004	●	AS 5321	TPN08.14DR.X004	●	AS 5659
16	42	100	16	4	1	TPF08.16DR.X004	●	AS 5640	TPN08.16DR.X004	●	AS 5980
16	52	100	16	4	1	TPF08.16DR.X005	●	AS 6117	TPN08.16DR.X005	●	AS 6458
16	72	120	16	4	1	TPF08.16DR.X006	●	AS 7746	TPN08.16DR.X006	●	AS 8260
18	52	100	18	4	1	TPF08.18DR.X003	●	AS 7109	TPN08.18DR.X003	●	AS 7637
18	72	130	18	4	1	TPF08.18DR.X004	●	AS 8961	TPN08.18DR.X004	●	AS 9564
20	52	100	20	4	1	TPF08.20DR.X005	●	AS 8458	TPN08.20DR.X005	●	AS 8986
20	72	130	20	4	1	TPF08.20DR.X006	●	AS 10573	TPN08.20DR.X006	●	AS 11176
20	85	150	20	4	1	TPF08.20DR.X007	●	AS 12196	TPN08.20DR.X007	●	AS 12799
20	102	160	20	4	1	TPF08.20DR.X008	●	AS 14151	TPN08.20DR.X008	●	AS 14754

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1	TPF08.08DL.X004	●	AS 2061	TPN08.08DL.X004	●	AS 2310
8	32	80	8	4	1	TPF08.08DL.X005	●	AS 2380	TPN08.08DL.X005	●	AS 2628
8	42	90	8	4	1	TPF08.08DL.X006	●	AS 2969	TPN08.08DL.X006	●	AS 3218
10	32	80	10	4	1	TPF08.10DL.X004	●	AS 2955	TPN08.10DL.X004	●	AS 3204
10	42	100	10	4	1	TPF08.10DL.X005	●	AS 3718	TPN08.10DL.X005	●	AS 3966
10	52	100	10	4	1	TPF08.10DL.X006	●	AS 4497	TPN08.10DL.X006	●	AS 4746
12	32	80	12	4	1	TPF08.12DL.X004	●	AS 3522	TPN08.12DL.X004	●	AS 3863
12	42	100	12	4	1	TPF08.12DL.X005	●	AS 4279	TPN08.12DL.X005	●	AS 4617
12	52	100	12	4	1	TPF08.12DL.X006	●	AS 4855	TPN08.12DL.X006	●	AS 5193
14	42	100	14	4	1	TPF08.14DL.X003	●	AS 5193	TPN08.14DL.X003	●	AS 5534
14	52	100	14	4	1	TPF08.14DL.X004	●	AS 5852	TPN08.14DL.X004	●	AS 6193
16	42	100	16	4	1	TPF08.16DL.X004	●	AS 6204	TPN08.16DL.X004	●	AS 6545
16	52	100	16	4	1	TPF08.16DL.X005	●	AS 6729	TPN08.16DL.X005	●	AS 7070
16	72	120	16	4	1	TPF08.16DL.X006	●	AS 8522	TPN08.16DL.X006	●	AS 9034
18	52	100	18	4	1	TPF08.18DL.X003	●	AS 7818	TPN08.18DL.X003	●	AS 8346
18	72	130	18	4	1	TPF08.18DL.X004	●	AS 9858	TPN08.18DL.X004	●	AS 10461
20	52	100	20	4	1	TPF08.20DL.X005	●	AS 9302	TPN08.20DL.X005	●	AS 9832
20	72	130	20	4	1	TPF08.20DL.X006	●	AS 11631	TPN08.20DL.X006	●	AS 12235
20	85	150	20	4	1	TPF08.20DL.X007	●	AS 13413	TPN08.20DL.X007	●	AS 14020
20	102	160	20	4	1	TPF08.20DL.X008	●	AS 15564	TPN08.20DL.X008	●	AS 16168

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:4 rt diritta - rt = passo 1,5 mm

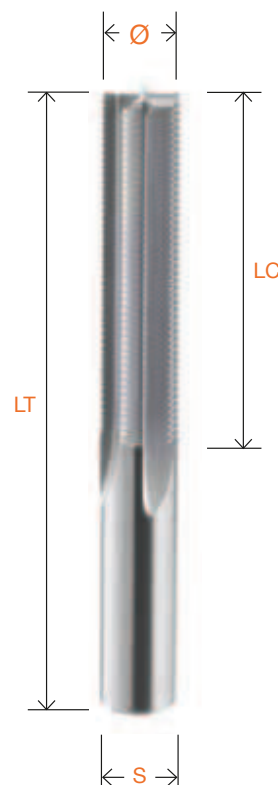
HW straight bits z:4 rt - rt = pitch 1,5 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con media velocità di avanzamento. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneers with medium feed speed. Available on request with **NaDia** coating DLC.

TPF08/28

HW | Z=4



LEGNO / WOOD

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1,5	TPF08.08DR.F004	●	AS 1480	TPN08.08DR.F004	●	AS 1729
8	32	80	8	4	1,5	TPF08.08DR.F005	●	AS 1704	TPN08.08DR.F005	●	AS 1953
8	42	90	8	4	1,5	TPF08.08DR.F006	●	AS 2101	TPN08.08DR.F006	●	AS 2349
10	32	80	10	4	1,5	TPF08.10DR.F004	●	AS 2145	TPN08.10DR.F004	●	AS 2394
10	42	100	10	4	1,5	TPF08.10DR.F005	●	AS 2690	TPN08.10DR.F005	●	AS 2939
10	52	100	10	4	1,5	TPF08.10DR.F006	●	AS 3196	TPN08.10DR.F006	●	AS 3444
12	32	80	12	4	1,5	TPF08.12DR.F004	●	AS 2601	TPN08.12DR.F004	●	AS 2941
12	42	100	12	4	1,5	TPF08.12DR.F005	●	AS 3159	TPN08.12DR.F005	●	AS 3500
12	52	100	12	4	1,5	TPF08.12DR.F006	●	AS 3534	TPN08.12DR.F006	●	AS 3874
14	42	100	14	4	1,5	TPF08.14DR.F003	●	AS 3877	TPN08.14DR.F003	●	AS 4218
14	52	100	14	4	1,5	TPF08.14DR.F004	●	AS 4466	TPN08.14DR.F004	●	AS 4807
16	42	100	16	4	1,5	TPF08.16DR.F004	●	AS 4673	TPN08.16DR.F004	●	AS 5014
16	52	100	16	4	1,5	TPF08.16DR.F005	●	AS 5221	TPN08.16DR.F005	●	AS 5561
16	72	120	16	4	1,5	TPF08.16DR.F006	●	AS 6506	TPN08.16DR.F006	●	AS 7017
18	52	100	18	4	1,5	TPF08.18DR.F003	●	AS 6137	TPN08.18DR.F003	●	AS 6665
18	72	130	18	4	1,5	TPF08.18DR.F004	●	AS 7422	TPN08.18DR.F004	●	AS 8028
20	52	100	20	4	1,5	TPF08.20DR.F005	●	AS 7349	TPN08.20DR.F005	●	AS 7877
20	72	130	20	4	1,5	TPF08.20DR.F006	●	AS 8816	TPN08.20DR.F006	●	AS 9419
20	85	150	20	4	1,5	TPF08.20DR.F007	●	AS 10156	TPN08.20DR.F007	●	AS 10763
20	102	160	20	4	1,5	TPF08.20DR.F008	●	AS 11645	TPN08.20DR.F008	●	AS 12249

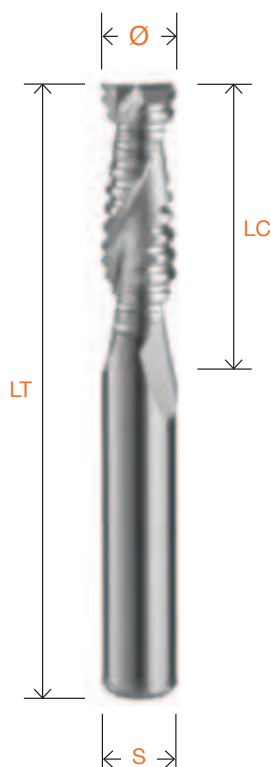
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	4	1,5	TPF08.08DL.F004	●	AS 1628	TPN08.08DL.F004	●	AS 1877
8	32	80	8	4	1,5	TPF08.08DL.F005	●	AS 1872	TPN08.08DL.F005	●	AS 2120
8	42	90	8	4	1,5	TPF08.08DL.F006	●	AS 2310	TPN08.08DL.F006	●	AS 2559
10	32	80	10	4	1,5	TPF08.10DL.F004	●	AS 2360	TPN08.10DL.F004	●	AS 2609
10	42	100	10	4	1,5	TPF08.10DL.F005	●	AS 2958	TPN08.10DL.F005	●	AS 3207
10	52	100	10	4	1,5	TPF08.10DL.F006	●	AS 3514	TPN08.10DL.F006	●	AS 3763
12	32	80	12	4	1,5	TPF08.12DL.F004	●	AS 2860	TPN08.12DL.F004	●	AS 3201
12	42	100	12	4	1,5	TPF08.12DL.F005	●	AS 3475	TPN08.12DL.F005	●	AS 3816
12	52	100	12	4	1,5	TPF08.12DL.F006	●	AS 3888	TPN08.12DL.F006	●	AS 4226
14	42	100	14	4	1,5	TPF08.14DL.F003	●	AS 4265	TPN08.14DL.F003	●	AS 4606
14	52	100	14	4	1,5	TPF08.14DL.F004	●	AS 4913	TPN08.14DL.F004	●	AS 5254
16	42	100	16	4	1,5	TPF08.16DL.F004	●	AS 5142	TPN08.16DL.F004	●	AS 5480
16	52	100	16	4	1,5	TPF08.16DL.F005	●	AS 5743	TPN08.16DL.F005	●	AS 6084
16	72	120	16	4	1,5	TPF08.16DL.F006	●	AS 7154	TPN08.16DL.F006	●	AS 7668
18	52	100	18	4	1,5	TPF08.18DL.F003	●	AS 6751	TPN08.18DL.F003	●	AS 7279
18	72	130	18	4	1,5	TPF08.18DL.F004	●	AS 8165	TPN08.18DL.F004	●	AS 8768
20	52	100	20	4	1,5	TPF08.20DL.F005	●	AS 8084	TPN08.20DL.F005	●	AS 8615
20	72	130	20	4	1,5	TPF08.20DL.F006	●	AS 9698	TPN08.20DL.F006	●	AS 10302
20	85	150	20	4	1,5	TPF08.20DL.F007	●	AS 11173	TPN08.20DL.F007	●	AS 11777
20	102	160	20	4	1,5	TPF08.20DL.F008	●	AS 12810	TPN08.20DL.F008	●	AS 13413

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF08/29

HW | Z=2



Fresa HW z:2 rtg elica positiva 35° rtg = passo 2,5 mm

HW spiral bits z:2 rtg upcut 35° rtg = pitch 2,5 mm

Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
8	25	70	8	2	2,5	TPF08.08PR.G004	●	AS 1215	TPN08.08PR.G004	●	AS 1464
8	32	80	8	2	2,5	TPF08.08PR.G005	●	AS 1425	TPN08.08PR.G005	●	AS 1673
8	42	90	8	2	2,5	TPF08.08PR.G006	●	AS 1796	TPN08.08PR.G006	●	AS 2045
10	32	80	10	2	2,5	TPF08.10PR.G004	●	AS 1810	TPN08.10PR.G004	●	AS 2059
10	42	100	10	2	2,5	TPF08.10PR.G005	●	AS 2254	TPN08.10PR.G005	●	AS 2503
10	52	100	10	2	2,5	TPF08.10PR.G006	●	AS 2615	TPN08.10PR.G006	●	AS 2863
12	32	80	12	2	2,5	TPF08.12PR.G004	●	AS 2184	TPN08.12PR.G004	●	AS 2525
12	42	100	12	2	2,5	TPF08.12PR.G005	●	AS 2712	TPN08.12PR.G005	●	AS 3053
12	52	100	12	2	2,5	TPF08.12PR.G006	●	AS 3084	TPN08.12PR.G006	●	AS 3425

Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
8	25	70	8	2	2,5	TPF08.08PL.G004	●	AS 1335	TPN08.08PL.G004	●	AS 1584
8	32	80	8	2	2,5	TPF08.08PL.G005	●	AS 1564	TPN08.08PL.G005	●	AS 1813
8	42	90	8	2	2,5	TPF08.08PL.G006	●	AS 1975	TPN08.08PL.G006	●	AS 2223
10	32	80	10	2	2,5	TPF08.10PL.G004	●	AS 1992	TPN08.10PL.G004	●	AS 2240
10	42	100	10	2	2,5	TPF08.10PL.G005	●	AS 2480	TPN08.10PL.G005	●	AS 2729
10	52	100	10	2	2,5	TPF08.10PL.G006	●	AS 2874	TPN08.10PL.G006	●	AS 3123
12	32	80	12	2	2,5	TPF08.12PL.G004	●	AS 2402	TPN08.12PL.G004	●	AS 2743
12	42	100	12	2	2,5	TPF08.12PL.G005	●	AS 2983	TPN08.12PL.G005	●	AS 3324
12	52	100	12	2	2,5	TPF08.12PL.G006	●	AS 3394	TPN08.12PL.G006	●	AS 3732

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:3 rtg elica positiva 35° rtg = passo 2,5 mm

HW spiral bits z:3 rtg upcut 35° rtg = pitch 2,5 mm

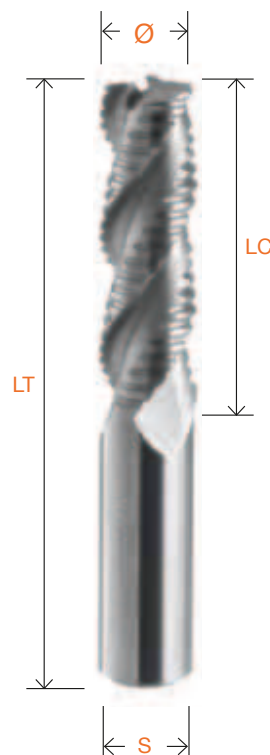
Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for roughing and counturing solid wood and veneers with fast speed. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	2,5	TPF08.08PR.G007	●	AS 1349	TPN08.08PR.G007	●	AS 1598
8	32	80	8	3	2,5	TPF08.08PR.G008	●	AS 1553	TPN08.08PR.G008	●	AS 1802
8	42	90	8	3	2,5	TPF08.08PR.G009	●	AS 1905	TPN08.08PR.G009	●	AS 2154
10	32	80	10	3	2,5	TPF08.10PR.G007	●	AS 1969	TPN08.10PR.G007	●	AS 2218
10	42	100	10	3	2,5	TPF08.10PR.G008	●	AS 2466	TPN08.10PR.G008	●	AS 2715
10	52	100	10	3	2,5	TPF08.10PR.G009	●	AS 2905	TPN08.10PR.G009	●	AS 3154
12	32	80	12	3	2,5	TPF08.12PR.G007	●	AS 2405	TPN08.12PR.G007	●	AS 2743
12	42	100	12	3	2,5	TPF08.12PR.G008	●	AS 2922	TPN08.12PR.G008	●	AS 3263
12	52	100	12	3	2,5	TPF08.12PR.G009	●	AS 3246	TPN08.12PR.G009	●	AS 3587
14	42	100	14	3	2,5	TPF08.14PR.G003	●	AS 3601	TPN08.14PR.G003	●	AS 3941
14	52	100	14	3	2,5	TPF08.14PR.G004	●	AS 3975	TPN08.14PR.G004	●	AS 4316
16	42	100	16	3	2,5	TPF08.16PR.G004	●	AS 4358	TPN08.16PR.G004	●	AS 4698
16	52	100	16	3	2,5	TPF08.16PR.G005	●	AS 4656	TPN08.16PR.G005	●	AS 4994
16	72	120	16	3	2,5	TPF08.16PR.G006	●	AS 5824	TPN08.16PR.G006	●	AS 6338
18	52	100	18	3	2,5	TPF08.18PR.G003	●	AS 5478	TPN08.18PR.G003	●	AS 6006
18	72	130	18	3	2,5	TPF08.18PR.G004	●	AS 6922	TPN08.18PR.G004	●	AS 7525
20	52	100	20	3	2,5	TPF08.20PR.G005	●	AS 6564	TPN08.20PR.G005	●	AS 7092
20	72	130	20	3	2,5	TPF08.20PR.G006	●	AS 8243	TPN08.20PR.G006	●	AS 8846
20	85	150	20	3	2,5	TPF08.20PR.G007	●	AS 9497	TPN08.20PR.G007	●	AS 10103
20	102	160	20	3	2,5	TPF08.20PR.G008	●	AS 10830	TPN08.20PR.G008	●	AS 11433

TPF08/30

HW | Z=3



Esempio d'impiego: pag. 6
Router application: page 6



Esempio di lavorazione: pag. 6
Working example: page 6



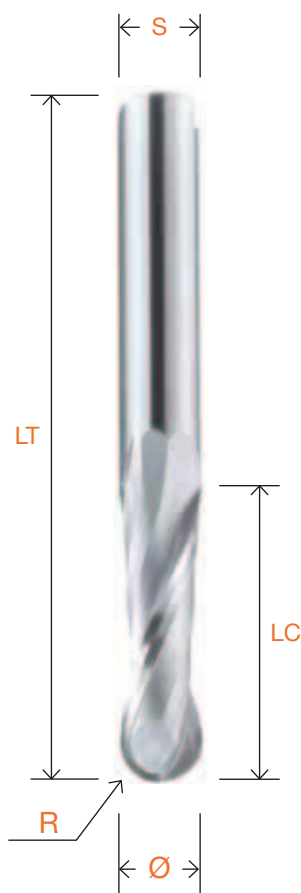
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	2,5	TPF08.08PL.G007	●	AS 1486	TPN08.08PL.G007	●	AS 1735
8	32	80	8	3	2,5	TPF08.08PL.G008	●	AS 1707	TPN08.08PL.G008	●	AS 1955
8	42	90	8	3	2,5	TPF08.08PL.G009	●	AS 2098	TPN08.08PL.G009	●	AS 2346
10	32	80	10	3	2,5	TPF08.10PL.G007	●	AS 2165	TPN08.10PL.G007	●	AS 2413
10	42	100	10	3	2,5	TPF08.10PL.G008	●	AS 2712	TPN08.10PL.G008	●	AS 2961
10	52	100	10	3	2,5	TPF08.10PL.G009	●	AS 3196	TPN08.10PL.G009	●	AS 3444
12	32	80	12	3	2,5	TPF08.12PL.G007	●	AS 2645	TPN08.12PL.G007	●	AS 2983
12	42	100	12	3	2,5	TPF08.12PL.G008	●	AS 3215	TPN08.12PL.G008	●	AS 3553
12	52	100	12	3	2,5	TPF08.12PL.G009	●	AS 3573	TPN08.12PL.G009	●	AS 3911
14	42	100	14	3	2,5	TPF08.14PL.G003	●	AS 3961	TPN08.14PL.G003	●	AS 4302
14	52	100	14	3	2,5	TPF08.14PL.G004	●	AS 4372	TPN08.14PL.G004	●	AS 4712
16	42	100	16	3	2,5	TPF08.16PL.G004	●	AS 4796	TPN08.16PL.G004	●	AS 5134
16	52	100	16	3	2,5	TPF08.16PL.G005	●	AS 5120	TPN08.16PL.G005	●	AS 5461
16	72	120	16	3	2,5	TPF08.16PL.G006	●	AS 6408	TPN08.16PL.G006	●	AS 6919
18	52	100	18	3	2,5	TPF08.18PL.G003	●	AS 6025	TPN08.18PL.G003	●	AS 6553
18	72	130	18	3	2,5	TPF08.18PL.G004	●	AS 7612	TPN08.18PL.G004	●	AS 8218
20	52	100	20	3	2,5	TPF08.20PL.G005	●	AS 7221	TPN08.20PL.G005	●	AS 7749
20	72	130	20	3	2,5	TPF08.20PL.G006	●	AS 9067	TPN08.20PL.G006	●	AS 9670
20	85	150	20	3	2,5	TPF08.20PL.G007	●	AS 10447	TPN08.20PL.G007	●	AS 11053
20	102	160	20	3	2,5	TPF08.20PL.G008	●	AS 11911	TPN08.20PL.G008	●	AS 12517

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF09/1

HW | Z=2



R = 0,5 x Ø

Fresa HW testa sferica z:2 elica positiva

HW round nose bits z:2 upcut

Adatta per lavorazioni di copiatura, contornatura e finitura di legno massiccio e laminati. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for copying, counturing and finishing solid wood and laminated. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	50	3	2	TPF09.03PR.2001	●	AS 757	TPN09.03PR.2001	●	AS 1006
4	15	50	4	2	TPF09.04PR.2001	●	AS 821	TPN09.04PR.2001	●	AS 1070
5	17	50	5	2	TPF09.05PR.2001	●	AS 855	TPN09.05PR.2001	●	AS 1103
6	17	50	6	2	TPF09.06PR.2001	●	AS 947	TPN09.06PR.2001	●	AS 1196
6	22	60	6	2	TPF09.06PR.2002	●	AS 1103	TPN09.06PR.2002	●	AS 1352
6	27	60	6	2	TPF09.06PR.2003	●	AS 1291	TPN09.06PR.2003	●	AS 1539
8	25	70	8	2	TPF09.08PR.2001	●	AS 1173	TPN09.08PR.2001	●	AS 1422
8	32	80	8	2	TPF09.08PR.2002	●	AS 1374	TPN09.08PR.2002	●	AS 1623
8	42	90	8	2	TPF09.08PR.2003	●	AS 1729	TPN09.08PR.2003	●	AS 1978
10	32	80	10	2	TPF09.10PR.2001	●	AS 1754	TPN09.10PR.2001	●	AS 2003
10	42	100	10	2	TPF09.10PR.2002	●	AS 2184	TPN09.10PR.2002	●	AS 2433
10	52	100	10	2	TPF09.10PR.2003	●	AS 2522	TPN09.10PR.2003	●	AS 2771
12	32	80	12	2	TPF09.12PR.2001	●	AS 2123	TPN09.12PR.2001	●	AS 2464
12	42	100	12	2	TPF09.12PR.2002	●	AS 2637	TPN09.12PR.2002	●	AS 2975
12	52	100	12	2	TPF09.12PR.2003	●	AS 2986	TPN09.12PR.2003	●	AS 3327
14	42	100	14	2	TPF09.14PR.2001	●	AS 3243	TPN09.14PR.2001	●	AS 3584
14	52	100	14	2	TPF09.14PR.2002	●	AS 3567	TPN09.14PR.2002	●	AS 3908
16	42	100	16	2	TPF09.16PR.2001	●	AS 3961	TPN09.16PR.2001	●	AS 4302
16	52	100	16	2	TPF09.16PR.2002	●	AS 4232	TPN09.16PR.2002	●	AS 4570
16	72	120	16	2	TPF09.16PR.2003	●	AS 5363	TPN09.16PR.2003	●	AS 5874
18	52	100	18	2	TPF09.18PR.2001	●	AS 5061	TPN09.18PR.2001	●	AS 5589
18	72	130	18	2	TPF09.18PR.2002	●	AS 6458	TPN09.18PR.2002	●	AS 7061
20	52	100	20	2	TPF09.20PR.2001	●	AS 6028	TPN09.20PR.2001	●	AS 6556
20	72	130	20	2	TPF09.20PR.2002	●	AS 7668	TPN09.20PR.2002	●	AS 8274
20	85	150	20	2	TPF09.20PR.2003	●	AS 8807	TPN09.20PR.2003	●	AS 9411
20	102	160	20	2	TPF09.20PR.2004	●	AS 9849	TPN09.20PR.2004	●	AS 10453

Esempio d'impiego: pag. 6
Router application: page 6



Esempio di lavorazione: pag. 6
Working example: page 6



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
3	12	50	3	2	TPF09.03PL.2001	●	AS 832	TPN09.03PL.2001	●	AS 1081
4	15	50	4	2	TPF09.04PL.2001	●	AS 902	TPN09.04PL.2001	●	AS 1151
5	17	50	5	2	TPF09.05PL.2001	●	AS 939	TPN09.05PL.2001	●	AS 1187
6	17	50	6	2	TPF09.06PL.2001	●	AS 1042	TPN09.06PL.2001	●	AS 1291
6	22	60	6	2	TPF09.06PL.2002	●	AS 1215	TPN09.06PL.2002	●	AS 1464
6	27	60	6	2	TPF09.06PL.2003	●	AS 1422	TPN09.06PL.2003	●	AS 1670
8	25	70	8	2	TPF09.08PL.2001	●	AS 1291	TPN09.08PL.2001	●	AS 1539
8	32	80	8	2	TPF09.08PL.2002	●	AS 1511	TPN09.08PL.2002	●	AS 1760
8	42	90	8	2	TPF09.08PL.2003	●	AS 1902	TPN09.08PL.2003	●	AS 2151
10	32	80	10	2	TPF09.10PL.2001	●	AS 1930	TPN09.10PL.2001	●	AS 2179
10	42	100	10	2	TPF09.10PL.2002	●	AS 2402	TPN09.10PL.2002	●	AS 2651
10	52	100	10	2	TPF09.10PL.2003	●	AS 2774	TPN09.10PL.2003	●	AS 3022
12	32	80	12	2	TPF09.12PL.2001	●	AS 2335	TPN09.12PL.2001	●	AS 2676
12	42	100	12	2	TPF09.12PL.2002	●	AS 2899	TPN09.12PL.2002	●	AS 3240
12	52	100	12	2	TPF09.12PL.2003	●	AS 3285	TPN09.12PL.2003	●	AS 3626
14	42	100	14	2	TPF09.14PL.2001	●	AS 3567	TPN09.14PL.2001	●	AS 3908
14	52	100	14	2	TPF09.14PL.2002	●	AS 3922	TPN09.14PL.2002	●	AS 4263
16	42	100	16	2	TPF09.16PL.2001	●	AS 4355	TPN09.16PL.2001	●	AS 4696
16	52	100	16	2	TPF09.16PL.2002	●	AS 4654	TPN09.16PL.2002	●	AS 4994
16	72	120	16	2	TPF09.16PL.2003	●	AS 5899	TPN09.16PL.2003	●	AS 6413
18	52	100	18	2	TPF09.18PL.2001	●	AS 5567	TPN09.18PL.2001	●	AS 6095
18	72	130	18	2	TPF09.18PL.2002	●	AS 7103	TPN09.18PL.2002	●	AS 7707
20	52	100	20	2	TPF09.20PL.2001	●	AS 6631	TPN09.20PL.2001	●	AS 7159
20	72	130	20	2	TPF09.20PL.2002	●	AS 8436	TPN09.20PL.2002	●	AS 9039
20	85	150	20	2	TPF09.20PL.2003	●	AS 9687	TPN09.20PL.2003	●	AS 10293
20	102	160	20	2	TPF09.20PL.2004	●	AS 10835	TPN09.20PL.2004	●	AS 11439

Altre misure disponibili su richiesta |
Other dimensions available on request
Minimo d'ordine 2 pz / Minimum
order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 |
For availability see page 3

Fresa HW testa sferica z:2 elica negativa

HW round nose bits z:2 downcut

Adatta per lavorazioni di copiatura, contornatura e finitura di legno massiccio e laminati con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

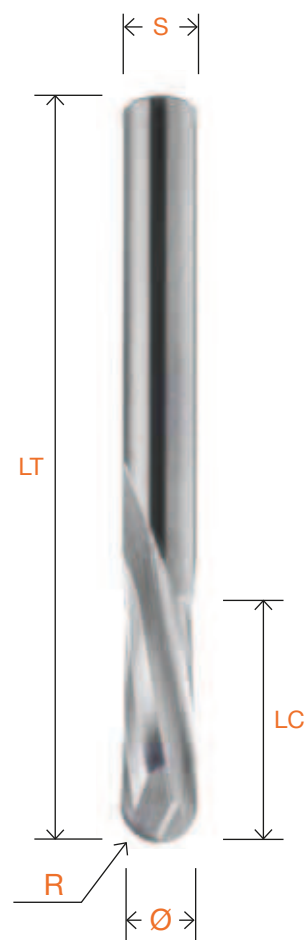
Suitable for copying, counturing and finishing solid wood and laminated with vacuum clamping of the piece. Better surface finishing on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	TPF09.03NR.2001	●	AS 835	TPN09.03NR.2001	●	AS 1084
4	15	50	4	2	TPF09.04NR.2001	●	AS 908	TPN09.04NR.2001	●	AS 1156
5	17	50	5	2	TPF09.05NR.2001	●	AS 947	TPN09.05NR.2001	●	AS 1196
6	17	50	6	2	TPF09.06NR.2001	●	AS 1070	TPN09.06NR.2001	●	AS 1318
6	22	60	6	2	TPF09.06NR.2002	●	AS 1221	TPN09.06NR.2002	●	AS 1469
6	27	60	6	2	TPF09.06NR.2003	●	AS 1444	TPN09.06NR.2003	●	AS 1693
8	25	70	8	2	TPF09.08NR.2001	●	AS 1299	TPN09.08NR.2001	●	AS 1547
8	32	80	8	2	TPF09.08NR.2002	●	AS 1514	TPN09.08NR.2002	●	AS 1763
8	42	90	8	2	TPF09.08NR.2003	●	AS 1899	TPN09.08NR.2003	●	AS 2148
10	32	80	10	2	TPF09.10NR.2001	●	AS 1936	TPN09.10NR.2001	●	AS 2184
10	42	100	10	2	TPF09.10NR.2002	●	AS 2391	TPN09.10NR.2002	●	AS 2640
10	52	100	10	2	TPF09.10NR.2003	●	AS 2763	TPN09.10NR.2003	●	AS 3011
12	32	80	12	2	TPF09.12NR.2001	●	AS 2346	TPN09.12NR.2001	●	AS 2687
12	42	100	12	2	TPF09.12NR.2002	●	AS 2885	TPN09.12NR.2002	●	AS 3226
12	52	100	12	2	TPF09.12NR.2003	●	AS 3274	TPN09.12NR.2003	●	AS 3615
14	42	100	14	2	TPF09.14NR.2001	●	AS 3553	TPN09.14NR.2001	●	AS 3891
14	52	100	14	2	TPF09.14NR.2002	●	AS 4070	TPN09.14NR.2002	●	AS 4411
16	42	100	16	2	TPF09.16NR.2001	●	AS 4338	TPN09.16NR.2001	●	AS 4679
16	52	100	16	2	TPF09.16NR.2002	●	AS 4844	TPN09.16NR.2002	●	AS 5184
16	72	120	16	2	TPF09.16NR.2003	●	AS 6254	TPN09.16NR.2003	●	AS 6768
18	52	100	18	2	TPF09.18NR.2001	●	AS 5802	TPN09.18NR.2001	●	AS 6332
18	72	130	18	2	TPF09.18NR.2002	●	AS 7263	TPN09.18NR.2002	●	AS 7869
20	52	100	20	2	TPF09.20NR.2001	●	AS 6927	TPN09.20NR.2001	●	AS 7455
20	72	130	20	2	TPF09.20NR.2002	●	AS 8637	TPN09.20NR.2002	●	AS 9240
20	85	150	20	2	TPF09.20NR.2003	●	AS 9503	TPN09.20NR.2003	●	AS 10106
20	102	160	20	2	TPF09.20NR.2004	●	AS 10615	TPN09.20NR.2004	●	AS 11221

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	TPF09.03NL.2001	●	AS 916	TPN09.03NL.2001	●	AS 1165
4	15	50	4	2	TPF09.04NL.2001	●	AS 997	TPN09.04NL.2001	●	AS 1246
5	17	50	5	2	TPF09.05NL.2001	●	AS 1039	TPN09.05NL.2001	●	AS 1288
6	17	50	6	2	TPF09.06NL.2001	●	AS 1176	TPN09.06NL.2001	●	AS 1425
6	22	60	6	2	TPF09.06NL.2002	●	AS 1344	TPN09.06NL.2002	●	AS 1592
6	27	60	6	2	TPF09.06NL.2003	●	AS 1587	TPN09.06NL.2003	●	AS 1835
8	25	70	8	2	TPF09.08NL.2001	●	AS 1430	TPN09.08NL.2001	●	AS 1679
8	32	80	8	2	TPF09.08NL.2002	●	AS 1668	TPN09.08NL.2002	●	AS 1916
8	42	90	8	2	TPF09.08NL.2003	●	AS 2089	TPN09.08NL.2003	●	AS 2338
10	32	80	10	2	TPF09.10NL.2001	●	AS 2131	TPN09.10NL.2001	●	AS 2380
10	42	100	10	2	TPF09.10NL.2002	●	AS 2631	TPN09.10NL.2002	●	AS 2880
10	52	100	10	2	TPF09.10NL.2003	●	AS 3039	TPN09.10NL.2003	●	AS 3288
12	32	80	12	2	TPF09.12NL.2001	●	AS 2581	TPN09.12NL.2001	●	AS 2922
12	42	100	12	2	TPF09.12NL.2002	●	AS 3176	TPN09.12NL.2002	●	AS 3514
12	52	100	12	2	TPF09.12NL.2003	●	AS 3601	TPN09.12NL.2003	●	AS 3941
14	42	100	14	2	TPF09.14NL.2001	●	AS 3905	TPN09.14NL.2001	●	AS 4246
14	52	100	14	2	TPF09.14NL.2002	●	AS 4475	TPN09.14NL.2002	●	AS 4816
16	42	100	16	2	TPF09.16NL.2001	●	AS 4771	TPN09.16NL.2001	●	AS 5112
16	52	100	16	2	TPF09.16NL.2002	●	AS 5327	TPN09.16NL.2002	●	AS 5668
16	72	120	16	2	TPF09.16NL.2003	●	AS 6880	TPN09.16NL.2003	●	AS 7394
18	52	100	18	2	TPF09.18NL.2001	●	AS 6383	TPN09.18NL.2001	●	AS 6911
18	72	130	18	2	TPF09.18NL.2002	●	AS 7992	TPN09.18NL.2002	●	AS 8595
20	52	100	20	2	TPF09.20NL.2001	●	AS 7617	TPN09.20NL.2001	●	AS 8148
20	72	130	20	2	TPF09.20NL.2002	●	AS 9497	TPN09.20NL.2002	●	AS 10103
20	85	150	20	2	TPF09.20NL.2003	●	AS 10453	TPN09.20NL.2003	●	AS 11056
20	102	160	20	2	TPF09.20NL.2004	●	AS 11676	TPN09.20NL.2004	●	AS 12279

TPF09/2

HW | Z=2



$$R = 0,5 \times \varnothing$$

Esempio d'impiego: pag. 6
Router application: page 6



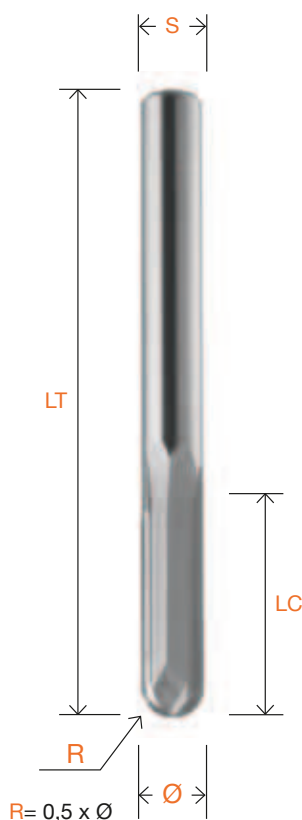
Esempio di lavorazione: pag. 6
Working example: page 6



Altre misure disponibili su richiesta |
Other dimensions available on request
Minimo d'ordine 2 pz / Minimum
order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 |
For availability see page 3

TPF09/3

HW | Z=2



Fresa HW testa sferica z:2 diritta

HW round nose bits z:2 straight

Adatta per lavorazioni di copiatura, contornatura e finitura di legno massiccio e laminati con fissaggio del pezzo a depressione. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for copying, counturing and finishing solid wood and laminated with vacuum clamping of the piece. Good surface finish on both sides of the panel. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	TPF09.03DR.2001	●	AS 693	TPN09.03DR.2001	●	AS 941
4	15	50	4	2	TPF09.04DR.2001	●	AS 754	TPN09.04DR.2001	●	AS 1003
5	17	50	5	2	TPF09.05DR.2001	●	AS 813	TPN09.05DR.2001	●	AS 1061
6	17	50	6	2	TPF09.06DR.2001	●	AS 911	TPN09.06DR.2001	●	AS 1159
6	22	60	6	2	TPF09.06DR.2002	●	AS 1022	TPN09.06DR.2002	●	AS 1271
6	27	60	6	2	TPF09.06DR.2003	●	AS 1193	TPN09.06DR.2003	●	AS 1441
8	25	70	8	2	TPF09.08DR.2001	●	AS 1106	TPN09.08DR.2001	●	AS 1355
8	32	80	8	2	TPF09.08DR.2002	●	AS 1293	TPN09.08DR.2002	●	AS 1542
8	42	90	8	2	TPF09.08DR.2003	●	AS 1617	TPN09.08DR.2003	●	AS 1866
10	32	80	10	2	TPF09.10DR.2001	●	AS 1659	TPN09.10DR.2001	●	AS 1908
10	42	100	10	2	TPF09.10DR.2002	●	AS 2061	TPN09.10DR.2002	●	AS 2310
10	52	100	10	2	TPF09.10DR.2003	●	AS 2366	TPN09.10DR.2003	●	AS 2615
12	32	80	12	2	TPF09.12DR.2001	●	AS 2022	TPN09.12DR.2001	●	AS 2360
12	42	100	12	2	TPF09.12DR.2002	●	AS 2506	TPN09.12DR.2002	●	AS 2846
12	52	100	12	2	TPF09.12DR.2003	●	AS 2821	TPN09.12DR.2003	●	AS 3162

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	TPF09.03DL.2001	●	AS 763	TPN09.03DL.2001	●	AS 1011
4	15	50	4	2	TPF09.04DL.2001	●	AS 830	TPN09.04DL.2001	●	AS 1078
5	17	50	5	2	TPF09.05DL.2001	●	AS 894	TPN09.05DL.2001	●	AS 1142
6	17	50	6	2	TPF09.06DL.2001	●	AS 1003	TPN09.06DL.2001	●	AS 1251
6	22	60	6	2	TPF09.06DL.2002	●	AS 1123	TPN09.06DL.2002	●	AS 1372
6	27	60	6	2	TPF09.06DL.2003	●	AS 1310	TPN09.06DL.2003	●	AS 1559
8	25	70	8	2	TPF09.08DL.2001	●	AS 1215	TPN09.08DL.2001	●	AS 1464
8	32	80	8	2	TPF09.08DL.2002	●	AS 1422	TPN09.08DL.2002	●	AS 1670
8	42	90	8	2	TPF09.08DL.2003	●	AS 1779	TPN09.08DL.2003	●	AS 2028
10	32	80	10	2	TPF09.10DL.2001	●	AS 1824	TPN09.10DL.2001	●	AS 2073
10	42	100	10	2	TPF09.10DL.2002	●	AS 2268	TPN09.10DL.2002	●	AS 2517
10	52	100	10	2	TPF09.10DL.2003	●	AS 2603	TPN09.10DL.2003	●	AS 2852
12	32	80	12	2	TPF09.12DL.2001	●	AS 2223	TPN09.12DL.2001	●	AS 2564
12	42	100	12	2	TPF09.12DL.2002	●	AS 2757	TPN09.12DL.2002	●	AS 3095
12	52	100	12	2	TPF09.12DL.2003	●	AS 3103	TPN09.12DL.2003	●	AS 3444

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW testa sferica z:2 elica positiva - attacco Ø 6

HW round nose bits z:2 upcut - shank Ø 6

Adatta per lavorazioni di copiatura, contornatura e finitura di legno massiccio e laminati. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for copying, counturing and finishing solid wood and laminated. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	50	6	2	TPF09.02PR.2001	●	AS 1198	TPN09.02PR.2001	●	AS 1447
3	12	60	6	2	TPF09.03PR.2002	●	AS 1156	TPN09.03PR.2002	●	AS 1405
4	15	60	6	2	TPF09.04PR.2002	●	AS 1190	TPN09.04PR.2002	●	AS 1439
5	17	60	6	2	TPF09.05PR.2002	●	AS 1140	TPN09.05PR.2002	●	AS 1388

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	50	6	2	TPF09.02PL.2001	●	AS 1318	TPN09.02PL.2001	●	AS 1567
3	12	60	6	2	TPF09.03PL.2002	●	AS 1271	TPN09.03PL.2002	●	AS 1520
4	15	60	6	2	TPF09.04PL.2002	●	AS 1307	TPN09.04PL.2002	●	AS 1556
5	17	60	6	2	TPF09.05PL.2002	●	AS 1254	TPN09.05PL.2002	●	AS 1503

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF09/4

HW | Z=2



Esempio d'impiego: pag. 6
Router application: page 6

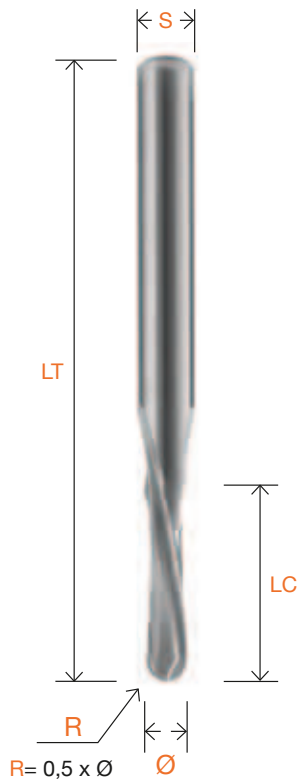


Esempio di lavorazione: pag. 6
Working example: page 6



TPF09/5

HW | Z=2



Fresa HW testa sferica z:2 elica negativa - attacco Ø 6

HW round nose bits z:2 downcut - shank Ø 6

Adatta per lavorazioni di copiatura, contornatura e finitura di legno massiccio e laminati con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for copying, counturing and finishing solid wood and laminated with vacuum clamping of the piece. Better surface finishing on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	60	6	2	TPF09.02NR.2001	●	AS 1304	TPN09.02NR.2001	●	AS 1553
3	12	70	6	2	TPF09.03NR.2002	●	AS 1254	TPN09.03NR.2002	●	AS 1503
4	15	70	6	2	TPF09.04NR.2002	●	AS 1291	TPN09.04NR.2002	●	AS 1539
5	17	70	6	2	TPF09.05NR.2002	●	AS 1240	TPN09.05NR.2002	●	AS 1489

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	60	6	2	TPF09.02NL.2001	●	AS 1436	TPN09.02NL.2001	●	AS 1684
3	12	70	6	2	TPF09.03NL.2002	●	AS 1380	TPN09.03NL.2002	●	AS 1628
4	15	70	6	2	TPF09.04NL.2002	●	AS 1419	TPN09.04NL.2002	●	AS 1668
5	17	70	6	2	TPF09.05NL.2002	●	AS 1366	TPN09.05NL.2002	●	AS 1615

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Fresa HW testa sferica z:2 diritta - attacco Ø 6

HW round nose bits z:2 straight - shank Ø 6

Adatta per lavorazioni di copiatura, contornatura e finitura di legno massiccio e laminati con fissaggio del pezzo a depressione. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for copying, counturing and finishing solid wood and laminated with vacuum clamping of the piece. Good surface finish on both sides of the panel. Available on request with **NaDia** coating DLC.*

TPF09/6

HW | Z=2

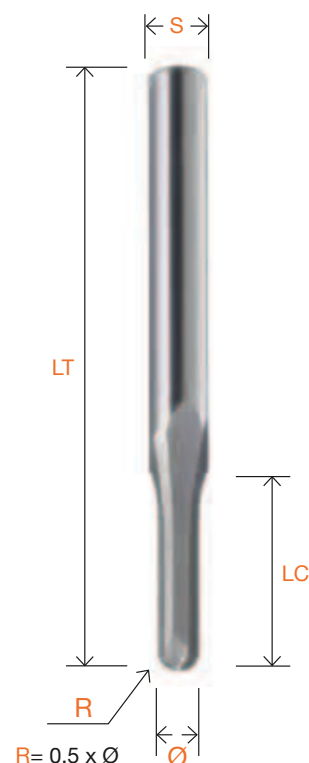
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	50	6	2	TPF09.02DR.2001	●	AS 1098	TPN09.02DR.2001	●	AS 1346
3	12	60	6	2	TPF09.03DR.2002	●	AS 1073	TPN09.03DR.2002	●	AS 1321
4	15	60	6	2	TPF09.04DR.2002	●	AS 1106	TPN09.04DR.2002	●	AS 1355
5	17	60	6	2	TPF09.05DR.2002	●	AS 1067	TPN09.05DR.2002	●	AS 1316

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	50	6	2	TPF09.02DL.2001	●	AS 1207	TPN09.02DL.2001	●	AS 1455
3	12	60	6	2	TPF09.03DL.2002	●	AS 1179	TPN09.03DL.2002	●	AS 1427
4	15	60	6	2	TPF09.04DL.2002	●	AS 1218	TPN09.04DL.2002	●	AS 1466
5	17	60	6	2	TPF09.05DL.2002	●	AS 1173	TPN09.05DL.2002	●	AS 1422

Altre misure disponibili su richiesta | Other dimensions available on request

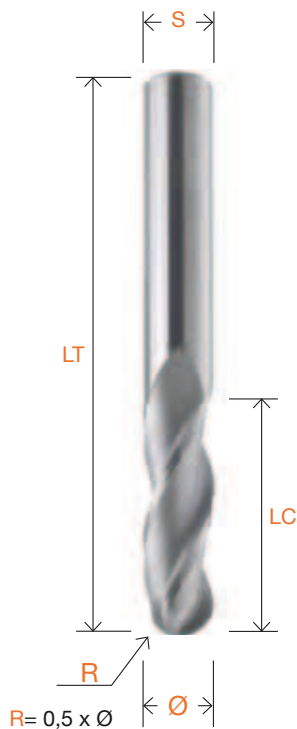
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



TPF09/7

HW | Z=3



Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Fresa HW testa sferica z:3 elica positiva

HW round nose bits z:3 upcut

Adatta per lavorazioni di copiatura, contornatura e finitura di legno massiccio e laminati. Finitura migliore sul bordo inferiore del pannello. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for copying, counturing and finishing solid wood and laminated. Better surface finish on the lower side of the panel. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
8	25	70	8	3	TPF09.08PR.3001	●	AS 1218	TPN09.08PR.3001	●	AS 1466
8	32	80	8	3	TPF09.08PR.3002	●	AS 1416	TPN09.08PR.3002	●	AS 1665
8	42	90	8	3	TPF09.08PR.3003	●	AS 1824	TPN09.08PR.3003	●	AS 2073
10	32	80	10	3	TPF09.10PR.3001	●	AS 1863	TPN09.10PR.3001	●	AS 2112
10	42	100	10	3	TPF09.10PR.3002	●	AS 2332	TPN09.10PR.3002	●	AS 2581
10	52	100	10	3	TPF09.10PR.3003	●	AS 2751	TPN09.10PR.3003	●	AS 3000
12	32	80	12	3	TPF09.12PR.3001	●	AS 2179	TPN09.12PR.3001	●	AS 2517
12	42	100	12	3	TPF09.12PR.3002	●	AS 2676	TPN09.12PR.3002	●	AS 3017
12	52	100	12	3	TPF09.12PR.3003	●	AS 3042	TPN09.12PR.3003	●	AS 3383
14	42	100	14	3	TPF09.14PR.3001	●	AS 3310	TPN09.14PR.3001	●	AS 3651
14	52	100	14	3	TPF09.14PR.3002	●	AS 3662	TPN09.14PR.3002	●	AS 4000
16	42	100	16	3	TPF09.16PR.3001	●	AS 4017	TPN09.16PR.3001	●	AS 4355
16	52	100	16	3	TPF09.16PR.3002	●	AS 4285	TPN09.16PR.3002	●	AS 4626
16	72	120	16	3	TPF09.16PR.3003	●	AS 5377	TPN09.16PR.3003	●	AS 5888
18	52	100	18	3	TPF09.18PR.3001	●	AS 5237	TPN09.18PR.3001	●	AS 5765
18	72	130	18	3	TPF09.18PR.3002	●	AS 6687	TPN09.18PR.3002	●	AS 7291
20	52	100	20	3	TPF09.20PR.3001	●	AS 6081	TPN09.20PR.3001	●	AS 6612
20	72	130	20	3	TPF09.20PR.3002	●	AS 7737	TPN09.20PR.3002	●	AS 8341
20	85	150	20	3	TPF09.20PR.3003	●	AS 8897	TPN09.20PR.3003	●	AS 9500
20	102	160	20	3	TPF09.20PR.3004	●	AS 9983	TPN09.20PR.3004	●	AS 10587

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
8	25	70	8	3	TPF09.08PL.3001	●	AS 1338	TPN09.08PL.3001	●	AS 1587
8	32	80	8	3	TPF09.08PL.3002	●	AS 1556	TPN09.08PL.3002	●	AS 1804
8	42	90	8	3	TPF09.08PL.3003	●	AS 2008	TPN09.08PL.3003	●	AS 2257
10	32	80	10	3	TPF09.10PL.3001	●	AS 2050	TPN09.10PL.3001	●	AS 2299
10	42	100	10	3	TPF09.10PL.3002	●	AS 2564	TPN09.10PL.3002	●	AS 2813
10	52	100	10	3	TPF09.10PL.3003	●	AS 3028	TPN09.10PL.3003	●	AS 3277
12	32	80	12	3	TPF09.12PL.3001	●	AS 2397	TPN09.12PL.3001	●	AS 2735
12	42	100	12	3	TPF09.12PL.3002	●	AS 2944	TPN09.12PL.3002	●	AS 3285
12	52	100	12	3	TPF09.12PL.3003	●	AS 3346	TPN09.12PL.3003	●	AS 3684
14	42	100	14	3	TPF09.14PL.3001	●	AS 3640	TPN09.14PL.3001	●	AS 3980
14	52	100	14	3	TPF09.14PL.3002	●	AS 4028	TPN09.14PL.3002	●	AS 4366
16	42	100	16	3	TPF09.16PL.3001	●	AS 4416	TPN09.16PL.3001	●	AS 4757
16	52	100	16	3	TPF09.16PL.3002	●	AS 4715	TPN09.16PL.3002	●	AS 5053
16	72	120	16	3	TPF09.16PL.3003	●	AS 5913	TPN09.16PL.3003	●	AS 6427
18	52	100	18	3	TPF09.18PL.3001	●	AS 5760	TPN09.18PL.3001	●	AS 6288
18	72	130	18	3	TPF09.18PL.3002	●	AS 7358	TPN09.18PL.3002	●	AS 7961
20	52	100	20	3	TPF09.20PL.3001	●	AS 6690	TPN09.20PL.3001	●	AS 7221
20	72	130	20	3	TPF09.20PL.3002	●	AS 8511	TPN09.20PL.3002	●	AS 9115
20	85	150	20	3	TPF09.20PL.3003	●	AS 9785	TPN09.20PL.3003	●	AS 10388
20	102	160	20	3	TPF09.20PL.3004	●	AS 10980	TPN09.20PL.3004	●	AS 11587

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW testa sferica z:3 elica negativa

HW round nose bits z:3 downcut

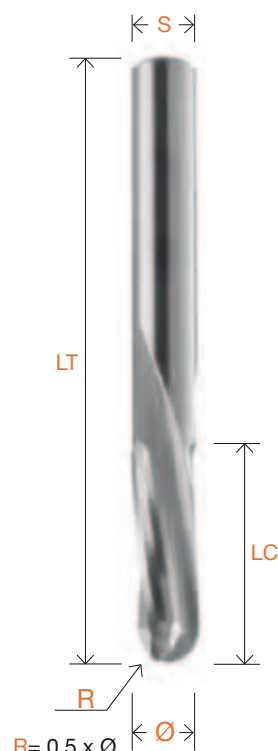
Adatta per lavorazioni di copiatura, contornatura e finitura di legno massiccio e laminati con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for copying, counturing and finishing solid wood and laminated with vacuum clamping of the piece. Better surface finishing on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	TPF09.08NR.3001	●	AS 1346	TPN09.08NR.3001	●	AS 1595
8	32	80	8	3	TPF09.08NR.3002	●	AS 1559	TPN09.08NR.3002	●	AS 1807
8	42	90	8	3	TPF09.08NR.3003	●	AS 2006	TPN09.08NR.3003	●	AS 2254
10	32	80	10	3	TPF09.10NR.3001	●	AS 2056	TPN09.10NR.3001	●	AS 2304
10	42	100	10	3	TPF09.10NR.3002	●	AS 2556	TPN09.10NR.3002	●	AS 2804
10	52	100	10	3	TPF09.10NR.3003	●	AS 3101	TPN09.10NR.3003	●	AS 3349
12	32	80	12	3	TPF09.12NR.3001	●	AS 2408	TPN09.12NR.3001	●	AS 2746
12	42	100	12	3	TPF09.12NR.3002	●	AS 2930	TPN09.12NR.3002	●	AS 3271
12	52	100	12	3	TPF09.12NR.3003	●	AS 3453	TPN09.12NR.3003	●	AS 3793
14	42	100	14	3	TPF09.14NR.3001	●	AS 3626	TPN09.14NR.3001	●	AS 3966
14	52	100	14	3	TPF09.14NR.3002	●	AS 4173	TPN09.14NR.3002	●	AS 4514
16	42	100	16	3	TPF09.16NR.3001	●	AS 4399	TPN09.16NR.3001	●	AS 4740
16	52	100	16	3	TPF09.16NR.3002	●	AS 4905	TPN09.16NR.3002	●	AS 5243
16	72	120	16	3	TPF09.16NR.3003	●	AS 6268	TPN09.16NR.3003	●	AS 6782
18	52	100	18	3	TPF09.18NR.3001	●	AS 5997	TPN09.18NR.3001	●	AS 6525
18	72	130	18	3	TPF09.18NR.3002	●	AS 7520	TPN09.18NR.3002	●	AS 8123
20	52	100	20	3	TPF09.20NR.3001	●	AS 6989	TPN09.20NR.3001	●	AS 7517
20	72	130	20	3	TPF09.20NR.3002	●	AS 8707	TPN09.20NR.3002	●	AS 9310
20	85	150	20	3	TPF09.20NR.3003	●	AS 9598	TPN09.20NR.3003	●	AS 10204
20	102	160	20	3	TPF09.20NR.3004	●	AS 10763	TPN09.20NR.3004	●	AS 11366

TPF09/8

HW | Z=3



Esempio d'impiego: pag. 6 | Router application: page 6 |

Esempio di lavorazione: pag. 6 | Working example: page 6 |

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	3	TPF09.08NL.3001	●	AS 1480	TPN09.08NL.3001	●	AS 1729
8	32	80	8	3	TPF09.08NL.3002	●	AS 1715	TPN09.08NL.3002	●	AS 1964
8	42	90	8	3	TPF09.08NL.3003	●	AS 2204	TPN09.08NL.3003	●	AS 2453
10	32	80	10	3	TPF09.10NL.3001	●	AS 2260	TPN09.10NL.3001	●	AS 2508
10	42	100	10	3	TPF09.10NL.3002	●	AS 2810	TPN09.10NL.3002	●	AS 3059
10	52	100	10	3	TPF09.10NL.3003	●	AS 3413	TPN09.10NL.3003	●	AS 3662
12	32	80	12	3	TPF09.12NL.3001	●	AS 2648	TPN09.12NL.3001	●	AS 2989
12	42	100	12	3	TPF09.12NL.3002	●	AS 3223	TPN09.12NL.3002	●	AS 3564
12	52	100	12	3	TPF09.12NL.3003	●	AS 3796	TPN09.12NL.3003	●	AS 4137
14	42	100	14	3	TPF09.14NL.3001	●	AS 3986	TPN09.14NL.3001	●	AS 4327
14	52	100	14	3	TPF09.14NL.3002	●	AS 4589	TPN09.14NL.3002	●	AS 4930
16	42	100	16	3	TPF09.16NL.3001	●	AS 4841	TPN09.16NL.3001	●	AS 5179
16	52	100	16	3	TPF09.16NL.3002	●	AS 5394	TPN09.16NL.3002	●	AS 5735
16	72	120	16	3	TPF09.16NL.3003	●	AS 6894	TPN09.16NL.3003	●	AS 7408
18	52	100	18	3	TPF09.18NL.3001	●	AS 6598	TPN09.18NL.3001	●	AS 7126
18	72	130	18	3	TPF09.18NL.3002	●	AS 8271	TPN09.18NL.3002	●	AS 8874
20	52	100	20	3	TPF09.20NL.3001	●	AS 7687	TPN09.20NL.3001	●	AS 8215
20	72	130	20	3	TPF09.20NL.3002	●	AS 9581	TPN09.20NL.3002	●	AS 10184
20	85	150	20	3	TPF09.20NL.3003	●	AS 10559	TPN09.20NL.3003	●	AS 11162
20	102	160	20	3	TPF09.20NL.3004	●	AS 11841	TPN09.20NL.3004	●	AS 12444

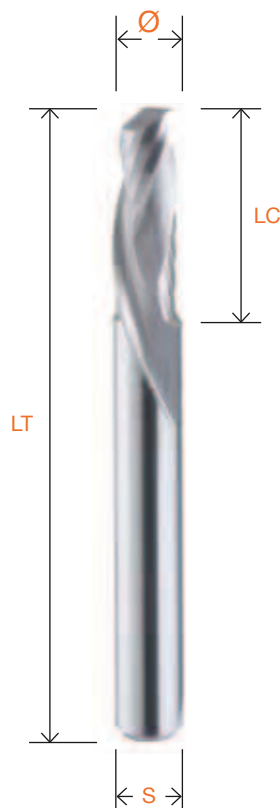
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF10/1

HW | Z=1+1



Fresa HW up-down z:1+1 elica doppia

HW double spiral bits z:1+1 up-down

Adatta per lavorazioni di asole passanti su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for working through holes on solid wood, veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	1	TPF10.03UR.1001	●	AS 715	TPN10.03UR.1001	●	AS 964
4	15	50	4	1	TPF10.04UR.1001	●	AS 779	TPN10.04UR.1001	●	AS 1028
5	17	50	5	1	TPF10.05UR.1001	●	AS 816	TPN10.05UR.1001	●	AS 1064
6	17	50	6	1	TPF10.06UR.1001	●	AS 855	TPN10.06UR.1001	●	AS 1103
6	22	60	6	1	TPF10.06UR.1002	●	AS 1000	TPN10.06UR.1002	●	AS 1249
6	27	65	6	1	TPF10.06UR.1003	●	AS 1156	TPN10.06UR.1003	●	AS 1405
8	25	70	8	1	TPF10.08UR.1001	●	AS 1310	TPN10.08UR.1001	●	AS 1559
8	32	80	8	1	TPF10.08UR.1002	●	AS 1511	TPN10.08UR.1002	●	AS 1760
8	42	90	8	1	TPF10.08UR.1003	●	AS 1824	TPN10.08UR.1003	●	AS 2073
10	32	80	10	1	TPF10.10UR.1001	●	AS 1860	TPN10.10UR.1001	●	AS 2109
10	42	100	10	1	TPF10.10UR.1002	●	AS 2299	TPN10.10UR.1002	●	AS 2547
10	52	100	10	1	TPF10.10UR.1003	●	AS 2578	TPN10.10UR.1003	●	AS 2827
12	32	80	12	1	TPF10.12UR.1001	●	AS 2489	TPN10.12UR.1001	●	AS 2827
12	42	100	12	1	TPF10.12UR.1002	●	AS 3017	TPN10.12UR.1002	●	AS 3358
12	52	100	12	1	TPF10.12UR.1003	●	AS 3296	TPN10.12UR.1003	●	AS 3637

Esempio d'impiego: pag. 6 |

Router application: page 6

Esempio di lavorazione: pag. 6 |

Working example: page 6

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	1	TPF10.03UL.1001	●	AS 785	TPN10.03UL.1001	●	AS 1034
4	15	50	4	1	TPF10.04UL.1001	●	AS 858	TPN10.04UL.1001	●	AS 1106
5	17	50	5	1	TPF10.05UL.1001	●	AS 899	TPN10.05UL.1001	●	AS 1148
6	17	50	6	1	TPF10.06UL.1001	●	AS 939	TPN10.06UL.1001	●	AS 1187
6	22	60	6	1	TPF10.06UL.1002	●	AS 1101	TPN10.06UL.1002	●	AS 1349
6	27	65	6	1	TPF10.06UL.1003	●	AS 1274	TPN10.06UL.1003	●	AS 1522
8	25	70	8	1	TPF10.08UL.1001	●	AS 1441	TPN10.08UL.1001	●	AS 1690
8	32	80	8	1	TPF10.08UL.1002	●	AS 1662	TPN10.08UL.1002	●	AS 1911
8	42	90	8	1	TPF10.08UL.1003	●	AS 2006	TPN10.08UL.1003	●	AS 2254
10	32	80	10	1	TPF10.10UL.1001	●	AS 2045	TPN10.10UL.1001	●	AS 2293
10	42	100	10	1	TPF10.10UL.1002	●	AS 2528	TPN10.10UL.1002	●	AS 2777
10	52	100	10	1	TPF10.10UL.1003	●	AS 2835	TPN10.10UL.1003	●	AS 3084
12	32	80	12	1	TPF10.12UL.1001	●	AS 2737	TPN10.12UL.1001	●	AS 3075
12	42	100	12	1	TPF10.12UL.1002	●	AS 3318	TPN10.12UL.1002	●	AS 3659
12	52	100	12	1	TPF10.12UL.1003	●	AS 3623	TPN10.12UL.1003	●	AS 3961

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW up-down z:1+1 elica doppia - attacco Ø 6

HW double spiral bits z:1+1 up-down - shank Ø 6

Adatta per lavorazioni di asole passanti su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for working through holes on solid wood, veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with NaDia coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	1	TPF10.03UR.1002	●	AS 1134	TPN10.03UR.1002	●	AS 1383
4	15	60	6	1	TPF10.04UR.1002	●	AS 1168	TPN10.04UR.1002	●	AS 1416
5	17	60	6	1	TPF10.05UR.1002	●	AS 1120	TPN10.05UR.1002	●	AS 1369

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	1	TPF10.03UL.1002	●	AS 1249	TPN10.03UL.1002	●	AS 1497
4	15	60	6	1	TPF10.04UL.1002	●	AS 1285	TPN10.04UL.1002	●	AS 1534
5	17	60	6	1	TPF10.05UL.1002	●	AS 1232	TPN10.05UL.1002	●	AS 1480

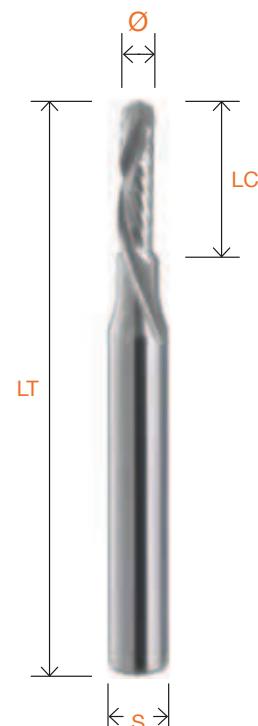
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF10/2

HW | Z=1+1



Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

®

FCN

Fresa HW up-down z:2+2 elica doppia - attacco Ø 6

HW double spiral bits z:2+2 up-down - shank Ø 6

Adatta per lavorazioni di asole passanti su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for working through holes on solid wood, veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with NaDia coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	TPF10.03UR.2001	●	AS 1198	TPN10.03UR.2001	●	AS 1447
4	15	60	6	2	TPF10.04UR.2001	●	AS 1237	TPN10.04UR.2001	●	AS 1486
5	17	60	6	2	TPF10.05UR.2001	●	AS 1184	TPN10.05UR.2001	●	AS 1433

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	TPF10.03UL.2001	●	AS 1318	TPN10.03UL.2001	●	AS 1567
4	15	60	6	2	TPF10.04UL.2001	●	AS 1360	TPN10.04UL.2001	●	AS 1609
5	17	60	6	2	TPF10.05UL.2001	●	AS 1304	TPN10.05UL.2001	●	AS 1553

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF10/3

HW | Z=2+2



Esempio d'impiego: pag. 6 | Router application: page 6

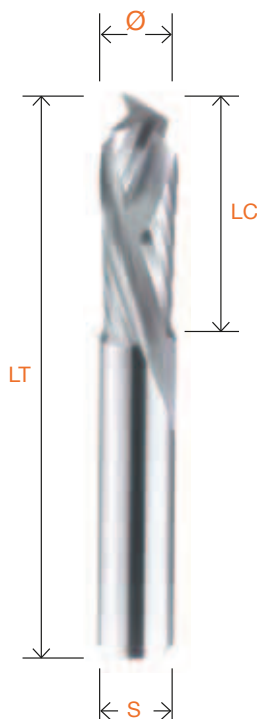
Esempio di lavorazione: pag. 6 | Working example: page 6

®

FCN

TPF10/4

HW | Z=2+2



Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Fresa HW up-down z:2+2 elica doppia

HW double spiral bits z:2+2 up-down

Adatta per lavorazioni di asole passanti su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for working through holes on solid wood, veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
6	17	60	8	2	TPF10.06UR.2001	●	AS 961	TPN10.06UR.2001	●	AS 1209
6	22	65	8	2	TPF10.06UR.2002	●	AS 1095	TPN10.06UR.2002	●	AS 1344
6	27	70	8	2	TPF10.06UR.2003	●	AS 1268	TPN10.06UR.2003	●	AS 1517
8	25	70	8	2	TPF10.08UR.2001	●	AS 1388	TPN10.08UR.2001	●	AS 1637
8	32	80	8	2	TPF10.08UR.2002	●	AS 1603	TPN10.08UR.2002	●	AS 1852
8	42	90	8	2	TPF10.08UR.2003	●	AS 1941	TPN10.08UR.2003	●	AS 2190
10	32	80	10	2	TPF10.10UR.2001	●	AS 1955	TPN10.10UR.2001	●	AS 2204
10	42	100	10	2	TPF10.10UR.2002	●	AS 2416	TPN10.10UR.2002	●	AS 2665
10	52	100	10	2	TPF10.10UR.2003	●	AS 2726	TPN10.10UR.2003	●	AS 2975
12	32	80	12	2	TPF10.12UR.2001	●	AS 2612	TPN10.12UR.2001	●	AS 2950
12	42	100	12	2	TPF10.12UR.2002	●	AS 3162	TPN10.12UR.2002	●	AS 3503
12	52	100	12	2	TPF10.12UR.2003	●	AS 3472	TPN10.12UR.2003	●	AS 3813
14	42	100	14	2	TPF10.14UR.2001	●	AS 3922	TPN10.14UR.2001	●	AS 4263
14	52	110	14	2	TPF10.14UR.2002	●	AS 4480	TPN10.14UR.2002	●	AS 4994
16	42	100	16	2	TPF10.16UR.2001	●	AS 4749	TPN10.16UR.2001	●	AS 5089
16	52	110	16	2	TPF10.16UR.2002	●	AS 5377	TPN10.16UR.2002	●	AS 5888
16	72	130	16	2	TPF10.16UR.2003	●	AS 6869	TPN10.16UR.2003	●	AS 7383
18	52	110	18	2	TPF10.18UR.2001	●	AS 6341	TPN10.18UR.2001	●	AS 6944
18	72	130	18	2	TPF10.18UR.2002	●	AS 7927	TPN10.18UR.2002	●	AS 8531
20	52	110	20	2	TPF10.20UR.2001	●	AS 7433	TPN10.20UR.2001	●	AS 8036
20	72	130	20	2	TPF10.20UR.2002	●	AS 9251	TPN10.20UR.2002	●	AS 9855
20	85	150	20	2	TPF10.20UR.2003	●	AS 10953	TPN10.20UR.2003	●	AS 11556
20	102	160	20	2	TPF10.20UR.2004	●	AS 12894	TPN10.20UR.2004	●	AS 13497

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
6	17	60	8	2	TPF10.06UL.2001	●	AS 1059	TPN10.06UL.2001	●	AS 1307
6	22	65	8	2	TPF10.06UL.2002	●	AS 1204	TPN10.06UL.2002	●	AS 1453
6	27	70	8	2	TPF10.06UL.2003	●	AS 1394	TPN10.06UL.2003	●	AS 1642
8	25	70	8	2	TPF10.08UL.2001	●	AS 1525	TPN10.08UL.2001	●	AS 1774
8	32	80	8	2	TPF10.08UL.2002	●	AS 1763	TPN10.08UL.2002	●	AS 2011
8	42	90	8	2	TPF10.08UL.2003	●	AS 2134	TPN10.08UL.2003	●	AS 2383
10	32	80	10	2	TPF10.10UL.2001	●	AS 2151	TPN10.10UL.2001	●	AS 2399
10	42	100	10	2	TPF10.10UL.2002	●	AS 2659	TPN10.10UL.2002	●	AS 2908
10	52	100	10	2	TPF10.10UL.2003	●	AS 3000	TPN10.10UL.2003	●	AS 3249
12	32	80	12	2	TPF10.12UL.2001	●	AS 2872	TPN10.12UL.2001	●	AS 3212
12	42	100	12	2	TPF10.12UL.2002	●	AS 3478	TPN10.12UL.2002	●	AS 3818
12	52	100	12	2	TPF10.12UL.2003	●	AS 3818	TPN10.12UL.2003	●	AS 4159
14	42	100	14	2	TPF10.14UL.2001	●	AS 4313	TPN10.14UL.2001	●	AS 4654
14	52	110	14	2	TPF10.14UL.2002	●	AS 4930	TPN10.14UL.2002	●	AS 5441
16	42	100	16	2	TPF10.16UL.2001	●	AS 5223	TPN10.16UL.2001	●	AS 5561
16	52	110	16	2	TPF10.16UL.2002	●	AS 5913	TPN10.16UL.2002	●	AS 6427
16	72	130	16	2	TPF10.16UL.2003	●	AS 7559	TPN10.16UL.2003	●	AS 8070
18	52	110	18	2	TPF10.18UL.2001	●	AS 6975	TPN10.18UL.2001	●	AS 7578
18	72	130	18	2	TPF10.18UL.2002	●	AS 8721	TPN10.18UL.2002	●	AS 9327
20	52	110	20	2	TPF10.20UL.2001	●	AS 8173	TPN10.20UL.2001	●	AS 8777
20	72	130	20	2	TPF10.20UL.2002	●	AS 10179	TPN10.20UL.2002	●	AS 10782
20	85	150	20	2	TPF10.20UL.2003	●	AS 12047	TPN10.20UL.2003	●	AS 12654
20	102	160	20	2	TPF10.20UL.2004	●	AS 14182	TPN10.20UL.2004	●	AS 14788

Altre misure disponibili su richiesta |
Other dimensions available on request
Minimo d'ordine 2 pz / Minimum
order quantity 2 pcs
● ● ● Per disponibilità vedi pag. 3 |
For availability see page 3

Fresa HW up-down z:3+3 elica doppia

HW double spiral bits z:3+3 up-down

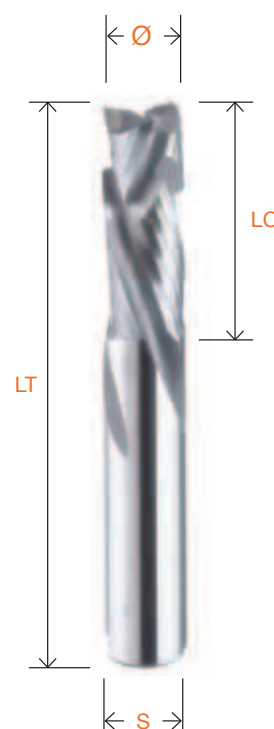
Adatta per lavorazioni di asole passanti su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for working through holes on solid wood, veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
10	32	80	10	3	TPF10.10UR.3001	●	AS 2145	TPN10.10UR.3001	●	AS 2394
10	42	100	10	3	TPF10.10UR.3002	●	AS 2656	TPN10.10UR.3002	●	AS 2905
10	52	100	10	3	TPF10.10UR.3003	●	AS 3028	TPN10.10UR.3003	●	AS 3277
12	32	80	12	3	TPF10.12UR.3001	●	AS 2855	TPN10.12UR.3001	●	AS 3196
12	42	100	12	3	TPF10.12UR.3002	●	AS 3455	TPN10.12UR.3002	●	AS 3796
12	52	100	12	3	TPF10.12UR.3003	●	AS 3827	TPN10.12UR.3003	●	AS 4165
14	42	100	14	3	TPF10.14UR.3001	●	AS 4257	TPN10.14UR.3001	●	AS 4595
14	52	110	14	3	TPF10.14UR.3002	●	AS 4885	TPN10.14UR.3002	●	AS 5399
16	42	100	16	3	TPF10.16UR.3001	●	AS 5123	TPN10.16UR.3001	●	AS 5464
16	52	110	16	3	TPF10.16UR.3002	●	AS 5821	TPN10.16UR.3002	●	AS 6332
16	72	130	16	3	TPF10.16UR.3003	●	AS 7508	TPN10.16UR.3003	●	AS 8020
18	52	110	18	3	TPF10.18UR.3001	●	AS 6827	TPN10.18UR.3001	●	AS 7430
18	72	130	18	3	TPF10.18UR.3002	●	AS 8595	TPN10.18UR.3002	●	AS 9201
20	52	110	20	3	TPF10.20UR.3001	●	AS 7953	TPN10.20UR.3001	●	AS 8556
20	72	130	20	3	TPF10.20UR.3002	●	AS 9966	TPN10.20UR.3002	●	AS 10573
20	85	150	20	3	TPF10.20UR.3003	●	AS 11830	TPN10.20UR.3003	●	AS 12433
20	102	160	20	3	TPF10.20UR.3004	●	AS 14087	TPN10.20UR.3004	●	AS 14690

TPF10/5

HW | Z=3+3



Esempio d'impiego: pag. 6 | 
Router application: page 6

Esempio di lavorazione: pag. 6 | 
Working example: page 6

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
10	32	80	10	3	TPF10.10UL.3001	●	AS 2360	TPN10.10UL.3001	●	AS 2609
10	42	100	10	3	TPF10.10UL.3002	●	AS 2922	TPN10.10UL.3002	●	AS 3170
10	52	100	10	3	TPF10.10UL.3003	●	AS 3330	TPN10.10UL.3003	●	AS 3578
12	32	80	12	3	TPF10.12UL.3001	●	AS 3142	TPN10.12UL.3001	●	AS 3480
12	42	100	12	3	TPF10.12UL.3002	●	AS 3802	TPN10.12UL.3002	●	AS 4140
12	52	100	12	3	TPF10.12UL.3003	●	AS 4209	TPN10.12UL.3003	●	AS 4550
14	42	100	14	3	TPF10.14UL.3001	●	AS 4682	TPN10.14UL.3001	●	AS 5022
14	52	110	14	3	TPF10.14UL.3002	●	AS 5374	TPN10.14UL.3002	●	AS 5885
16	42	100	16	3	TPF10.16UL.3001	●	AS 5634	TPN10.16UL.3001	●	AS 5975
16	52	110	16	3	TPF10.16UL.3002	●	AS 6405	TPN10.16UL.3002	●	AS 6916
16	72	130	16	3	TPF10.16UL.3003	●	AS 8257	TPN10.16UL.3003	●	AS 8768
18	52	110	18	3	TPF10.18UL.3001	●	AS 7508	TPN10.18UL.3001	●	AS 8112
18	72	130	18	3	TPF10.18UL.3002	●	AS 9455	TPN10.18UL.3002	●	AS 10059
20	52	110	20	3	TPF10.20UL.3001	●	AS 8746	TPN10.20UL.3001	●	AS 9352
20	72	130	20	3	TPF10.20UL.3002	●	AS 10966	TPN10.20UL.3002	●	AS 11570
20	85	150	20	3	TPF10.20UL.3003	●	AS 13014	TPN10.20UL.3003	●	AS 13620
20	102	160	20	3	TPF10.20UL.3004	●	AS 15494	TPN10.20UL.3004	●	AS 16098

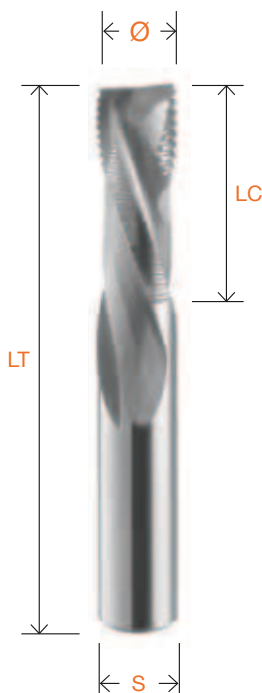
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF10/6

HW | Z=2rt+2rt



Esempio d'impiego: pag. 6
Router application: page 6

Esempio di lavorazione: pag. 6
Working example: page 6

Fresa HW up-down z: 2rt+2rt elica doppia rt = passo 1,5 mm

HW double spiral bits z: 2rt+2rt up-down rt = pitch 1,5 mm

Adatta per lavorazioni di sgrossatura e contornatura su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	2	TPF10.08UR.F001	●	AS 1774	TPN10.08UR.F001	●	AS 2022
8	32	80	8	2	TPF10.08UR.F002	●	AS 2061	TPN10.08UR.F002	●	AS 2310
8	42	90	8	2	TPF10.08UR.F003	●	AS 2531	TPN10.08UR.F003	●	AS 2779
10	32	80	10	2	TPF10.10UR.F001	●	AS 2433	TPN10.10UR.F001	●	AS 2682
10	42	100	10	2	TPF10.10UR.F002	●	AS 3014	TPN10.10UR.F002	●	AS 3263
10	52	100	10	2	TPF10.10UR.F003	●	AS 3480	TPN10.10UR.F003	●	AS 3729
12	32	80	12	2	TPF10.12UR.F001	●	AS 3223	TPN10.12UR.F001	●	AS 3564
12	42	100	12	2	TPF10.12UR.F002	●	AS 3894	TPN10.12UR.F002	●	AS 4235
12	52	100	12	2	TPF10.12UR.F003	●	AS 4360	TPN10.12UR.F003	●	AS 4698
14	42	100	14	2	TPF10.14UR.F001	●	AS 4757	TPN10.14UR.F001	●	AS 5098
14	52	110	14	2	TPF10.14UR.F002	●	AS 5492	TPN10.14UR.F002	●	AS 6003
16	42	100	16	2	TPF10.16UR.F001	●	AS 5684	TPN10.16UR.F001	●	AS 6025
16	52	110	16	2	TPF10.16UR.F002	●	AS 6492	TPN10.16UR.F002	●	AS 7003
16	72	130	16	2	TPF10.16UR.F003	●	AS 8464	TPN10.16UR.F003	●	AS 8978
18	52	110	18	2	TPF10.18UR.F001	●	AS 7553	TPN10.18UR.F001	●	AS 8159
18	72	130	18	2	TPF10.18UR.F002	●	AS 9598	TPN10.18UR.F002	●	AS 10204
20	52	110	20	2	TPF10.20UR.F001	●	AS 8729	TPN10.20UR.F001	●	AS 9332
20	72	130	20	2	TPF10.20UR.F002	●	AS 11045	TPN10.20UR.F002	●	AS 11651
20	85	150	20	2	TPF10.20UR.F003	●	AS 13148	TPN10.20UR.F003	●	AS 13751
20	102	160	20	2	TPF10.20UR.F004	●	AS 15877	TPN10.20UR.F004	●	AS 16480

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	25	70	8	2	TPF10.08UL.F001	●	AS 1774	TPN10.08UL.F001	●	AS 2022
8	32	80	8	2	TPF10.08UL.F002	●	AS 2061	TPN10.08UL.F002	●	AS 2310
8	42	90	8	2	TPF10.08UL.F003	●	AS 2531	TPN10.08UL.F003	●	AS 2779
10	32	80	10	2	TPF10.10UL.F001	●	AS 2433	TPN10.10UL.F001	●	AS 2682
10	42	100	10	2	TPF10.10UL.F002	●	AS 3014	TPN10.10UL.F002	●	AS 3263
10	52	100	10	2	TPF10.10UL.F003	●	AS 3480	TPN10.10UL.F003	●	AS 3729
12	32	80	12	2	TPF10.12UL.F001	●	AS 3223	TPN10.12UL.F001	●	AS 3564
12	42	100	12	2	TPF10.12UL.F002	●	AS 3894	TPN10.12UL.F002	●	AS 4235
12	52	100	12	2	TPF10.12UL.F003	●	AS 4360	TPN10.12UL.F003	●	AS 4698
14	42	100	14	2	TPF10.14UL.F001	●	AS 4757	TPN10.14UL.F001	●	AS 5098
14	52	110	14	2	TPF10.14UL.F002	●	AS 5492	TPN10.14UL.F002	●	AS 6003
16	42	100	16	2	TPF10.16UL.F001	●	AS 5684	TPN10.16UL.F001	●	AS 6025
16	52	110	16	2	TPF10.16UL.F002	●	AS 6492	TPN10.16UL.F002	●	AS 7003
16	72	130	16	2	TPF10.16UL.F003	●	AS 8464	TPN10.16UL.F003	●	AS 8978
18	52	110	18	2	TPF10.18UL.F001	●	AS 7553	TPN10.18UL.F001	●	AS 8159
18	72	130	18	2	TPF10.18UL.F002	●	AS 9598	TPN10.18UL.F002	●	AS 10204
20	52	110	20	2	TPF10.20UL.F001	●	AS 8729	TPN10.20UL.F001	●	AS 9332
20	72	130	20	2	TPF10.20UL.F002	●	AS 11045	TPN10.20UL.F002	●	AS 11651
20	85	150	20	2	TPF10.20UL.F003	●	AS 13148	TPN10.20UL.F003	●	AS 13751
20	102	160	20	2	TPF10.20UL.F004	●	AS 15877	TPN10.20UL.F004	●	AS 16480

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW up-down z: 3rt+3rt elica doppia rt = passo 1,5 mm

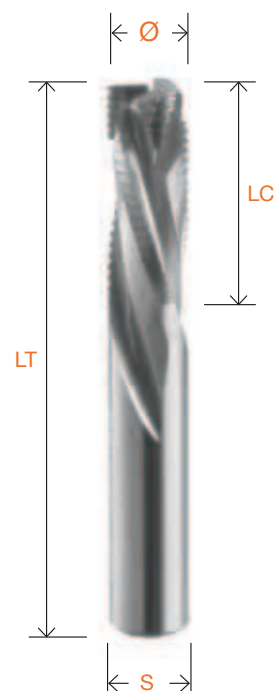
HW double spiral bits z: 3rt+3rt up-down rt = pitch 1,5 mm

Adatta per lavorazioni di sgrossatura e contornatura su legno massiccio, pannelli impiallacciati o bilaminati. Buona finitura su entrambi i bordi del pannello. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing and counturing solid wood and veneered or laminated panels. Good surface finish on both sides of the panel. Available on request with NaDia coating DLC.

TPF10/7

HW | Z=3rt+3rt



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
10	32	80	10	3	TPF10.10UR.F004	●	AS 2721	TPN10.10UR.F004	●	AS 2969
10	42	100	10	3	TPF10.10UR.F005	●	AS 3372	TPN10.10UR.F005	●	AS 3620
10	52	100	10	3	TPF10.10UR.F006	●	AS 3930	TPN10.10UR.F006	●	AS 4179
12	32	80	12	3	TPF10.12UR.F004	●	AS 3589	TPN10.12UR.F004	●	AS 3930
12	42	100	12	3	TPF10.12UR.F005	●	AS 4335	TPN10.12UR.F005	●	AS 4676
12	52	100	12	3	TPF10.12UR.F006	●	AS 4894	TPN10.12UR.F006	●	AS 5235
14	42	100	14	3	TPF10.14UR.F003	●	AS 5260	TPN10.14UR.F003	●	AS 5598
14	52	110	14	3	TPF10.14UR.F004	●	AS 6101	TPN10.14UR.F004	●	AS 6612
16	42	100	16	3	TPF10.16UR.F004	●	AS 6243	TPN10.16UR.F004	●	AS 6584
16	52	110	16	3	TPF10.16UR.F005	●	AS 7159	TPN10.16UR.F005	●	AS 7673
16	72	130	16	3	TPF10.16UR.F006	●	AS 9416	TPN10.16UR.F006	●	AS 9930
18	52	110	18	3	TPF10.18UR.F003	●	AS 8282	TPN10.18UR.F003	●	AS 8885
18	72	130	18	3	TPF10.18UR.F004	●	AS 10601	TPN10.18UR.F004	●	AS 11207
20	52	110	20	3	TPF10.20UR.F005	●	AS 9508	TPN10.20UR.F005	●	AS 10115
20	72	130	20	3	TPF10.20UR.F006	●	AS 12120	TPN10.20UR.F006	●	AS 12723
20	85	150	20	3	TPF10.20UR.F007	●	AS 14458	TPN10.20UR.F007	●	AS 15061
20	102	160	20	3	TPF10.20UR.F008	●	AS 17668	TPN10.20UR.F008	●	AS 18271

Esempio d'impiego: pag. 6
Router application: page 6

Esempio di lavorazione: pag. 6
Working example: page 6

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
10	32	80	10	3	TPF10.10UL.F004	●	AS 2992	TPN10.10UL.F004	●	AS 3240
10	42	100	10	3	TPF10.10UL.F005	●	AS 3707	TPN10.10UL.F005	●	AS 3955
10	52	100	10	3	TPF10.10UL.F006	●	AS 4324	TPN10.10UL.F006	●	AS 4573
12	32	80	12	3	TPF10.12UL.F004	●	AS 3947	TPN10.12UL.F004	●	AS 4288
12	42	100	12	3	TPF10.12UL.F005	●	AS 4768	TPN10.12UL.F005	●	AS 5109
12	52	100	12	3	TPF10.12UL.F006	●	AS 5380	TPN10.12UL.F006	●	AS 5721
14	42	100	14	3	TPF10.14UL.F003	●	AS 5785	TPN10.14UL.F003	●	AS 6126
14	52	110	14	3	TPF10.14UL.F004	●	AS 6709	TPN10.14UL.F004	●	AS 7221
16	42	100	16	3	TPF10.16UL.F004	●	AS 6869	TPN10.16UL.F004	●	AS 7209
16	52	110	16	3	TPF10.16UL.F005	●	AS 7877	TPN10.16UL.F005	●	AS 8388
16	72	130	16	3	TPF10.16UL.F006	●	AS 10358	TPN10.16UL.F006	●	AS 10872
18	52	110	18	3	TPF10.18UL.F003	●	AS 9112	TPN10.18UL.F003	●	AS 9715
18	72	130	18	3	TPF10.18UL.F004	●	AS 11662	TPN10.18UL.F004	●	AS 12265
20	52	110	20	3	TPF10.20UL.F005	●	AS 10458	TPN10.20UL.F005	●	AS 11061
20	72	130	20	3	TPF10.20UL.F006	●	AS 13330	TPN10.20UL.F006	●	AS 13936
20	85	150	20	3	TPF10.20UL.F007	●	AS 15905	TPN10.20UL.F007	●	AS 16508
20	102	160	20	3	TPF10.20UL.F008	●	AS 19436	TPN10.20UL.F008	●	AS 20042

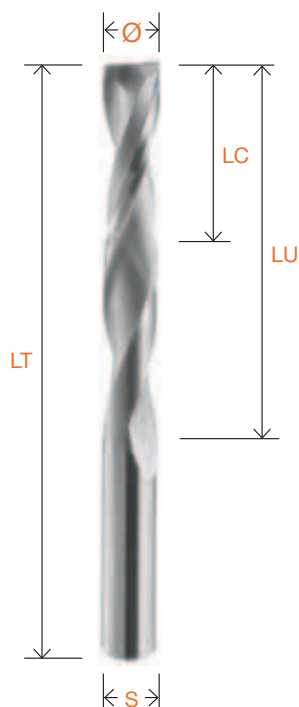
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF11/1

HW | Z=2



Fresa HW per sedi serratura z:2 elica positiva

HW spiral bits for door slots z:2 upcut

Adatta per le lavorazioni di fresature profonde. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for very deep mulling operations. Upwards chips ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
14	45	95	150	14	2	TPF11.14PR.2001	●	AS 3916	TPN11.14PR.2001	●	AS 4427
16	45	95	150	16	2	TPF11.16PR.2001	●	AS 4785	TPN11.16PR.2001	●	AS 5299
18	45	95	150	18	2	TPF11.18PR.2001	●	AS 5771	TPN11.18PR.2001	●	AS 6374
20	45	95	150	20	2	TPF11.20PR.2001	●	AS 6902	TPN11.20PR.2001	●	AS 7506

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
14	45	95	150	14	2	TPF11.14PL.2001	●	AS 4307	TPN11.14PL.2001	●	AS 4818
16	45	95	150	16	2	TPF11.16PL.2001	●	AS 5263	TPN11.16PL.2001	●	AS 5774
18	45	95	150	18	2	TPF11.18PL.2001	●	AS 6346	TPN11.18PL.2001	●	AS 6953
20	45	95	150	20	2	TPF11.20PL.2001	●	AS 7592	TPN11.20PL.2001	●	AS 8198

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Soft wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (10 m/min.)	H8 (8 m/min.)
16x45	H4 (12 m/min.)	H8 (10 m/min.)

Hard wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (8 m/min.)	H8 (7 m/min.)
16x45	H4 (10 m/min.)	H8 (8 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW per sedi serratura z:2 elica negativa

HW spiral bits for door slots z:2 downcut

Adatta per le lavorazioni di fresature profonde. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for very deep milling operations. Better surface finish on the upper side of the panel. Downward chips ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
14	45	95	150	14	2	TPF11.14NR.2001	●	AS 4006	TPN11.14NR.2001	●	AS 4517
16	45	95	150	16	2	TPF11.16NR.2001	●	AS 4888	TPN11.16NR.2001	●	AS 5402
18	45	95	150	18	2	TPF11.18NR.2001	●	AS 5891	TPN11.18NR.2001	●	AS 6497
20	45	95	150	20	2	TPF11.20NR.2001	●	AS 7042	TPN11.20NR.2001	●	AS 7645

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
14	45	95	150	14	2	TPF11.14NL.2001	●	AS 4405	TPN11.14NL.2001	●	AS 4919
16	45	95	150	16	2	TPF11.16NL.2001	●	AS 5380	TPN11.16NL.2001	●	AS 5894
18	45	95	150	18	2	TPF11.18NL.2001	●	AS 6483	TPN11.18NL.2001	●	AS 7087
20	45	95	150	20	2	TPF11.20NL.2001	●	AS 7743	TPN11.20NL.2001	●	AS 8349

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (10 m/min.)	H8 (8 m/min.)
16x45	H4 (12 m/min.)	H8 (10 m/min.)

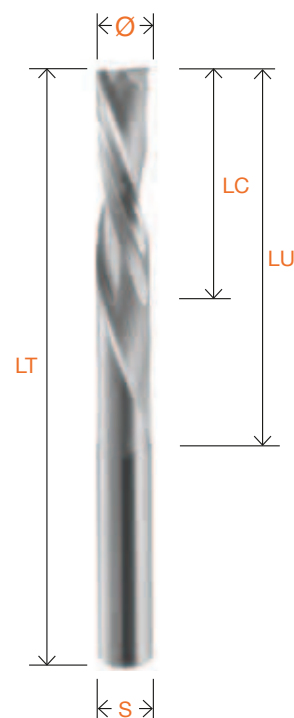
Hard wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (8 m/min.)	H8 (7 m/min.)
16x45	H4 (10 m/min.)	H8 (8 m/min.)

Dati indicativi / Datas are indicative only

TPF11/2

HW | Z=2

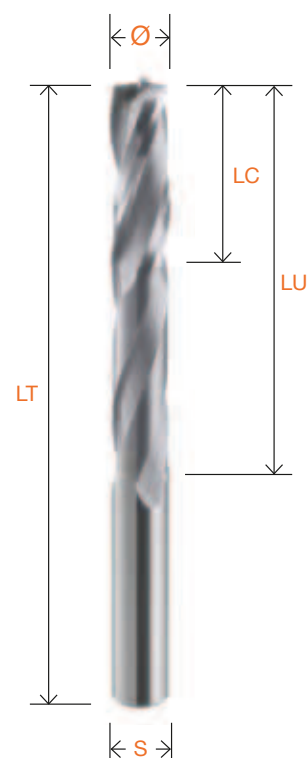


Esempio d'impiego: pag. 6 |
Router application: page 6

Esempio di lavorazione: pag. 6 |
Working example: page 6

TPF11/3

HW | Z=3



Fresa HW per sedi serratura z:3 elica positiva

HW spiral bits for door slots z:3 upcut

Adatta per le lavorazioni di fresature profonde. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for very deep mulling operations. Upwards chips ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
14	45	95	150	14	3	TPF11.14PR.3001	●	AS 4056	TPN11.14PR.3001	●	AS 4567
16	45	95	150	16	3	TPF11.16PR.3001	●	AS 4925	TPN11.16PR.3001	●	AS 5439
18	45	95	150	18	3	TPF11.18PR.3001	●	AS 5989	TPN11.18PR.3001	●	AS 6592
20	45	95	150	20	3	TPF11.20PR.3001	●	AS 7078	TPN11.20PR.3001	●	AS 7682

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
14	45	95	150	14	3	TPF11.14PL.3001	●	AS 4461	TPN11.14PL.3001	●	AS 4972
16	45	95	150	16	3	TPF11.16PL.3001	●	AS 5419	TPN11.16PL.3001	●	AS 5933
18	45	95	150	18	3	TPF11.18PL.3001	●	AS 6587	TPN11.18PL.3001	●	AS 7193
20	45	95	150	20	3	TPF11.20PL.3001	●	AS 7782	TPN11.20PL.3001	●	AS 8388

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Esempio d'impiego: pag. 6 | Router application: page 6



Esempio di lavorazione: pag. 6 | Working example: page 6



Soft wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (12 m/min.)	H8 (10 m/min.)
16x45	H4 (14 m/min.)	H8 (12 m/min.)

Hard wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (10 m/min.)	H8 (8 m/min.)
16x45	H4 (12 m/min.)	H8 (10 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW per sedi serratura z:3 elica negativa

HW spiral bits for door slots z:3 downcut

Adatta per le lavorazioni di fresature profonde. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for very deep milling operations. Better surface finish on the upper side of the panel. Downward chips ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
14	45	95	150	14	3	TPF11.14NR.3001	●	AS 4159	TPN11.14NR.3001	●	AS 4673
16	45	95	150	16	3	TPF11.16NR.3001	●	AS 5045	TPN11.16NR.3001	●	AS 5556
18	45	95	150	18	3	TPF11.18NR.3001	●	AS 6131	TPN11.18NR.3001	●	AS 6737
20	45	95	150	20	3	TPF11.20NR.3001	●	AS 7232	TPN11.20NR.3001	●	AS 7835

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
14	45	95	150	14	3	TPF11.14NL.3001	●	AS 4578	TPN11.14NL.3001	●	AS 5092
16	45	95	150	16	3	TPF11.16NL.3001	●	AS 5547	TPN11.16NL.3001	●	AS 6061
18	45	95	150	18	3	TPF11.18NL.3001	●	AS 6746	TPN11.18NL.3001	●	AS 7349
20	45	95	150	20	3	TPF11.20NL.3001	●	AS 7955	TPN11.20NL.3001	●	AS 8559

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (12 m/min.)	H8 (10 m/min.)
16x45	H4 (14 m/min.)	H8 (12 m/min.)

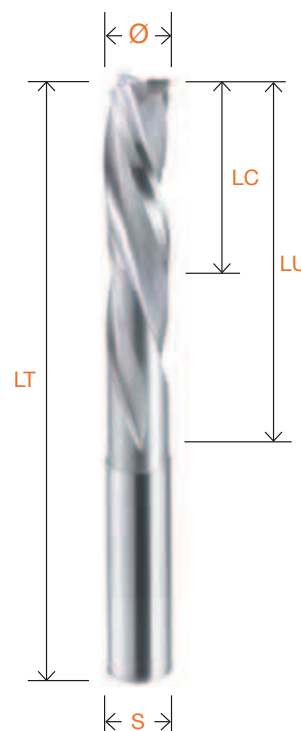
Hard wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (10 m/min.)	H8 (8 m/min.)
16x45	H4 (12 m/min.)	H8 (10 m/min.)

Dati indicativi / Datas are indicative only

TPF11/4

HW | Z=3



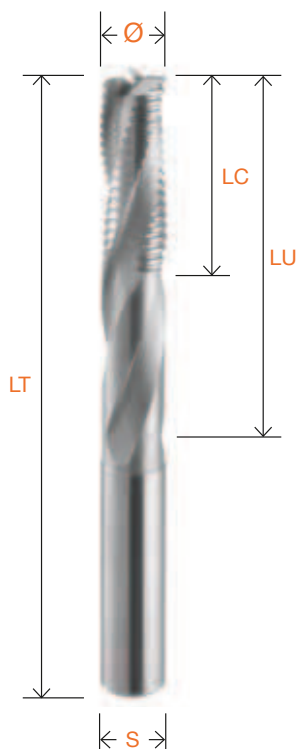
LEGNO / WOOD

Esempio d'impiego: pag. 6 | B D
Router application: page 6

Esempio di lavorazione: pag. 6 | FCN
Working example: page 6

TPF11/5

HW | Z=3



Fresa HW per sedi serratura z:3 rtg elica pos. rtg= passo 2,5 mm

HW spiral bits for door slots z:3 rtg upcut rtg= pitch 2,5 mm

Adatta per le lavorazioni di sgrossatura profonde. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for very deep roughing operations. Upwards chips ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
12	35	80	120	12	3	TPF11.12PR.GL01	●	AS 4536	TPN11.12PR.GL01	●	AS 5050
14	45	95	150	14	3	TPF11.14PR.G001	●	AS 4528	TPN11.14PR.G001	●	AS 5042
16	45	95	150	16	3	TPF11.16PR.G001	●	AS 5469	TPN11.16PR.G001	●	AS 5983
18	45	95	150	18	3	TPF11.18PR.G001	●	AS 6520	TPN11.18PR.G001	●	AS 7123
20	45	95	150	20	3	TPF11.20PR.G001	●	AS 7818	TPN11.20PR.G001	●	AS 8425

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
12	35	80	120	12	3	TPF11.12PL.GL01	●	AS 4536	TPN11.12PL.GL01	●	AS 5050
14	45	95	150	14	3	TPF11.14PL.G001	●	AS 4983	TPN11.14PL.G001	●	AS 5494
16	45	95	150	16	3	TPF11.16PL.G001	●	AS 6014	TPN11.16PL.G001	●	AS 6528
18	45	95	150	18	3	TPF11.18PL.G001	●	AS 7170	TPN11.18PL.G001	●	AS 7774
20	45	95	150	20	3	TPF11.20PL.G001	●	AS 8603	TPN11.20PL.G001	●	AS 9207

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Esempio d'impiego: pag. 6 | Router application: page 6



Esempio di lavorazione: pag. 6 | Working example: page 6



Extra Long Design

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
14	30	95	170	14	3	TPF11.14PR.GL01	●	AS 6687	TPN11.14PR.GL01	●	AS 7198
14	30	120	190	14	3	TPF11.14PR.GL02	●	AS 7642	TPN11.14PR.GL02	●	AS 8154
14	30	95	170	16	3	TPF11.14PR.GL03	●	AS 9265	TPN11.14PR.GL03	●	AS 9777
14	30	120	190	16	3	TPF11.14PR.GL04	●	AS 10506	TPN11.14PR.GL04	●	AS 11020
16	50	105	170	16	3	TPF11.16PR.GL01	●	AS 8595	TPN11.16PR.GL01	●	AS 9109
16	30	120	180	16	3	TPF11.16PR.GL02	●	AS 8595	TPN11.16PR.GL02	●	AS 9109
16	30	120	180	20	3	TPF11.16PR.GL03	●	AS 14327	TPN11.16PR.GL03	●	AS 14838
16	30	135	205	16	3	TPF11.16PR.GL04	●	AS 10506	TPN11.16PR.GL04	●	AS 11020
16	30	135	205	20	3	TPF11.16PR.GL05	●	AS 16285	TPN11.16PR.GL05	●	AS 16796
17	30	120	190	20	3	TPF11.17PR.GL01	●	AS 14564	TPN11.17PR.GL01	●	AS 15078
18	50	115	170	18	3	TPF11.18PR.GL01	●	AS 10028	TPN11.18PR.GL01	●	AS 10634
18	50	115	170	20	3	TPF11.18PR.GL02	●	AS 13277	TPN11.18PR.GL02	●	AS 13880
20	50	115	170	20	3	TPF11.20PR.GL01	●	AS 11939	TPN11.20PR.GL01	●	AS 12542

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (12 m/min.)	H8 (10 m/min.)
16x45	H4 (14 m/min.)	H8 (12 m/min.)

Hard wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (10 m/min.)	H8 (8 m/min.)
16x45	H4 (12 m/min.)	H8 (10 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW per sedi serratura z:3 rtg elica neg. rtg=passo 2,5 mm

HW spiral bits for door slots z:3 rtg downcut rtg=pitch 2,5 mm

Adatta per le lavorazioni di sgrossatura profonde. Scarico del truciolo verso il basso.
Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for very deep roughing operations. Downward chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
12	35	80	120	12	3	TPF11.12NR.GL01	●	AS 4824	TPN11.12NR.GL01	●	AS 5338
14	45	95	150	14	3	TPF11.14NR.G001	●	AS 4682	TPN11.14NR.G001	●	AS 5196
16	45	95	150	16	3	TPF11.16NR.G001	●	AS 5642	TPN11.16NR.G001	●	AS 6154
18	45	95	150	18	3	TPF11.18NR.G001	●	AS 6715	TPN11.18NR.G001	●	AS 7321
20	45	95	150	20	3	TPF11.20NR.G001	●	AS 8047	TPN11.20NR.G001	●	AS 8654

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
12	35	80	120	12	3	TPF11.12NL.GL01	●	AS 4824	TPN11.12NL.GL01	●	AS 5338
14	45	95	150	14	3	TPF11.14NL.G001	●	AS 5151	TPN11.14NL.G001	●	AS 5665
16	45	95	150	16	3	TPF11.16NL.G001	●	AS 6204	TPN11.16NL.G001	●	AS 6718
18	45	95	150	18	3	TPF11.18NL.G001	●	AS 7388	TPN11.18NL.G001	●	AS 7994
20	45	95	150	20	3	TPF11.20NL.G001	●	AS 8855	TPN11.20NL.G001	●	AS 9458

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Soft wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (12 m/min.)	H8 (10 m/min.)
16x45	H4 (14 m/min.)	H8 (12 m/min.)

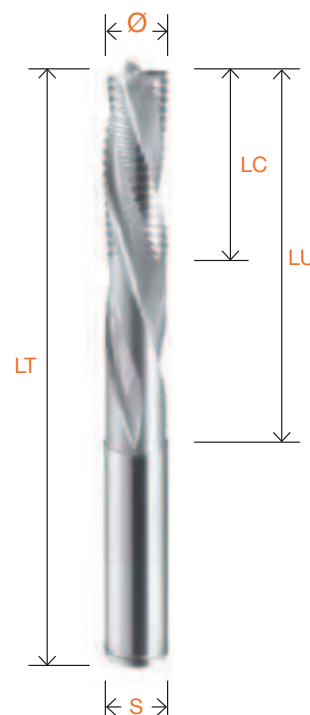
Hard wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (10 m/min.)	H8 (8 m/min.)
16x45	H4 (12 m/min.)	H8 (10 m/min.)

Dati indicativi / Datas are indicative only

TPF11/6

HW | Z=3



Esempio d'impiego: pag. 6
Router application: page 6

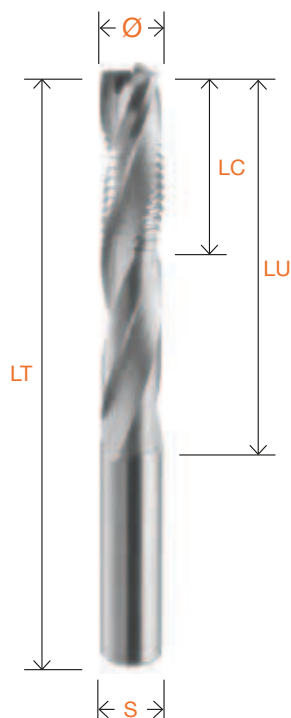


Esempio di lavorazione: pag. 6
Working example: page 6



TPF11/7

HW | Z3



Fresa HW per sedi serratura z:3 finitura + rtg elica positiva
rtg = passo 2,5 mm

HW spiral bits for door slots z:3 finishing + rtg upcut
rtg = pitch 2,5 mm

Adatta per le lavorazioni di finitura-sgrossatura profonde. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for very deep finishing-roughing operations. Upwards chips ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
14	45	95	150	14	3	TPF11.14PR.G002	●	AS 4771	TPN11.14PR.G002	●	AS 5285
16	45	95	150	16	3	TPF11.16PR.G002	●	AS 5743	TPN11.16PR.G002	●	AS 6254
18	45	95	150	18	3	TPF11.18PR.G002	●	AS 6830	TPN11.18PR.G002	●	AS 7436
20	45	95	150	20	3	TPF11.20PR.G002	●	AS 8184	TPN11.20PR.G002	●	AS 8788

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
14	45	95	150	14	3	TPF11.14PL.G002	●	AS 5249	TPN11.14PL.G002	●	AS 5760
16	45	95	150	16	3	TPF11.16PL.G002	●	AS 6316	TPN11.16PL.G002	●	AS 6827
18	45	95	150	18	3	TPF11.18PL.G002	●	AS 7514	TPN11.18PL.G002	●	AS 8120
20	45	95	150	20	3	TPF11.20PL.G002	●	AS 9006	TPN11.20PL.G002	●	AS 9609

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Soft wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (12 m/min.)	H8 (10 m/min.)
16x45	H4 (14 m/min.)	H8 (12 m/min.)

Hard wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (10 m/min.)	H8 (8 m/min.)
16x45	H4 (12 m/min.)	H8 (10 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW per sedi serratura z:3 finitura + rtg elica negativa rtg = passo 2,5 mm

HW spiral bits for door slots z:3 finishing + rtg downcut rtg = pitch 2,5 mm

Adatta per le lavorazioni di finitura-sgrossatura profonde. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for very deep finishing-roughing operations. Better surface finish on the upper side of the panel. Downwards chips ejection. Available on request with **NaDia** coating DLC.

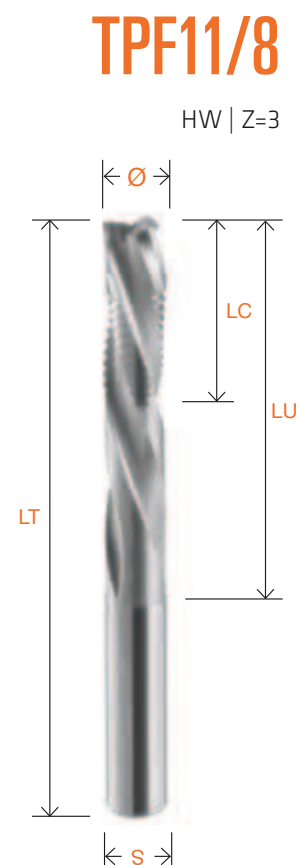
Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
14	45	95	150	14	3	TPF11.14NR.G002	●	AS 4950	TPN11.14NR.G002	●	AS 5464
16	45	95	150	16	3	TPF11.16NR.G002	●	AS 5941	TPN11.16NR.G002	●	AS 6455
18	45	95	150	18	3	TPF11.18NR.G002	●	AS 7059	TPN11.18NR.G002	●	AS 7665
20	45	95	150	20	3	TPF11.20NR.G002	●	AS 8450	TPN11.20NR.G002	●	AS 9053

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
14	45	95	150	14	3	TPF11.14NL.G002	●	AS 5444	TPN11.14NL.G002	●	AS 5958
16	45	95	150	16	3	TPF11.16NL.G002	●	AS 6536	TPN11.16NL.G002	●	AS 7050
18	45	95	150	18	3	TPF11.18NL.G002	●	AS 7765	TPN11.18NL.G002	●	AS 8369
20	45	95	150	20	3	TPF11.20NL.G002	●	AS 9293	TPN11.20NL.G002	●	AS 9899

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Soft wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (12 m/min.)	H8 (10 m/min.)
16x45	H4 (14 m/min.)	H8 (12 m/min.)

Hard wood - 12.000 - 18.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
14x45	H4 (10 m/min.)	H8 (8 m/min.)
16x45	H4 (12 m/min.)	H8 (10 m/min.)

Dati indicativi / Datas are indicative only

TPF11/9

HW | Z=3



Fresa HW a mortasare z:3 rtm elica positiva rtm = passo 2 mm
attacco Ø 16x60 in acciaio brasato

HW spiral slot mortising bits z:3 rtm upcut rtm = pitch 2 mm
steel brazed shank Ø 16x60

Adatte per le lavorazioni di cave con elevato avanzamento su legno massiccio e impiallacciati. Evacuazione del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

To make grooves and slots on wood, laminated and such particularly suitable when high working speed is needed. Upwards chips ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
8	30	50	110	16	3	TPF11.08PR.M001	●	AS 3156	TPN11.08PR.M001	●	AS 3528
9	30	50	110	16	3	TPF11.09PR.M001	●	AS 3377	TPN11.09PR.M001	●	AS 3749
10	30	50	110	16	3	TPF11.10PR.M001	●	AS 3520	TPN11.10PR.M001	●	AS 3891
11	30	50	110	16	3	TPF11.11PR.M001	●	AS 3852	TPN11.11PR.M001	●	AS 4223
12	30	50	110	16	3	TPF11.12PR.M001	●	AS 4028	TPN11.12PR.M001	●	AS 4539

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
8	30	50	110	16	3	TPF11.08PL.M001	●	AS 3472	TPN11.08PL.M001	●	AS 3844
9	30	50	110	16	3	TPF11.09PL.M001	●	AS 3712	TPN11.09PL.M001	●	AS 4084
10	30	50	110	16	3	TPF11.10PL.M001	●	AS 3869	TPN11.10PL.M001	●	AS 4240
11	30	50	110	16	3	TPF11.11PL.M001	●	AS 4237	TPN11.11PL.M001	●	AS 4609
12	30	50	110	16	3	TPF11.12PL.M001	●	AS 4430	TPN11.12PL.M001	●	AS 4944

Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

**Fresa HW a mortasare z:3 rtm elica negativa rtm = passo 2 mm
attacco Ø 16x60 in acciaio brasato**

**HW spiral slot mortising bits z:3 rtm downcut rtm = pitch 2 mm
steel brazed shank Ø 16x60**

Adatte per le lavorazioni di cave con elevato avanzamento su legno massiccio e impiallacciati. Evacuazione del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*To make grooves and slots on wood, laminated and such particularly suitable when high working speed is needed. Downwards chips ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
8	30	50	110	16	3	TPF11.08NR.M001	●	AS 3235	TPN11.08NR.M001	●	AS 3606
9	30	50	110	16	3	TPF11.09NR.M001	●	AS 3469	TPN11.09NR.M001	●	AS 3841
10	30	50	110	16	3	TPF11.10NR.M001	●	AS 3612	TPN11.10NR.M001	●	AS 3983
11	30	50	110	16	3	TPF11.11NR.M001	●	AS 3958	TPN11.11NR.M001	●	AS 4330
12	30	50	110	16	3	TPF11.12NR.M001	●	AS 4134	TPN11.12NR.M001	●	AS 4648

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
8	30	50	110	16	3	TPF11.08NL.M001	●	AS 3559	TPN11.08NL.M001	●	AS 3930
9	30	50	110	16	3	TPF11.09NL.M001	●	AS 3816	TPN11.09NL.M001	●	AS 4187
10	30	50	110	16	3	TPF11.10NL.M001	●	AS 3972	TPN11.10NL.M001	●	AS 4344
11	30	50	110	16	3	TPF11.11NL.M001	●	AS 4352	TPN11.11NL.M001	●	AS 4723
12	30	50	110	16	3	TPF11.12NL.M001	●	AS 4545	TPN11.12NL.M001	●	AS 5059

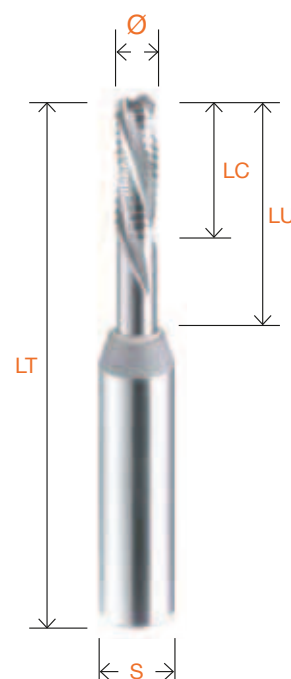
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF11/10

HW | Z=3



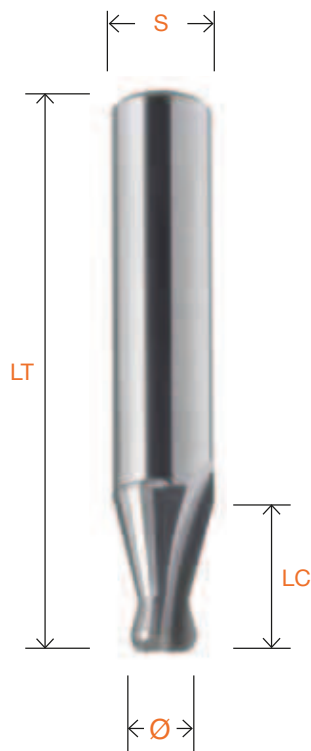
Esempio d'impiego: pag. 6 |
Router application: page 6

Esempio di lavorazione: pag. 6 |
Working example: page 6

LEGNO / WOOD

TPF12/1

HW | Z=2



Fresa HW per guarnizioni z:2 assiale

HW router bits for gasket seats z:2 axial

Adatte per fare sedi guarnizioni, fissaggio pezzi con depressione. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable to make gasket seat with vacuum clamping of the piece. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	55	6	2	TPF12.03AR.0001	●	AS 1296	TPN12.03AR.0001	●	AS 1545
4	15	55	15	2	TPF12.04AR.0001	●	AS 1374	TPN12.04AR.0001	●	AS 1623
5	15	55	8	2	TPF12.05AR.0001	●	AS 1455	TPN12.05AR.0001	●	AS 1704
6	15	60	10	2	TPF12.06AR.0001	●	AS 1788	TPN12.06AR.0001	●	AS 2036
8	20	65	12	2	TPF12.08AR.0001	●	AS 2098	TPN12.08AR.0001	●	AS 2346
10	20	65	12	2	TPF12.10AR.0001	●	AS 2506	TPN12.10AR.0001	●	AS 2754
12	22	65	22	2	TPF12.12AR.0001	●	AS 2746	TPN12.12AR.0001	●	AS 3087

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	55	6	2	TPF12.03AL.0001	●	AS 1425	TPN12.03AL.0001	●	AS 1673
4	15	55	15	2	TPF12.04AL.0001	●	AS 1514	TPN12.04AL.0001	●	AS 1763
5	15	55	8	2	TPF12.05AL.0001	●	AS 1601	TPN12.05AL.0001	●	AS 1849
6	15	60	10	2	TPF12.06AL.0001	●	AS 1966	TPN12.06AL.0001	●	AS 2215
8	20	65	12	2	TPF12.08AL.0001	●	AS 2307	TPN12.08AL.0001	●	AS 2556
10	20	65	12	2	TPF12.10AL.0001	●	AS 2757	TPN12.10AL.0001	●	AS 3006
12	22	65	22	2	TPF12.12AL.0001	●	AS 3020	TPN12.12AL.0001	●	AS 3360

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF12/2

HW | Z=2



Fresa HW per svasatura z:3 a 45° - attacco acciaio brasato Ø 10

HW countersink bits z:3 45° - brazed steel shank Ø 10

Adatte per svasare fori. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for chamfering holes. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
20	10	60	10	3	TPF12.20DR.0001	●	AS 4986	TPN12.20DR.0001	●	AS 5514
25	12,5	60	10	3	TPF12.25DR.0001	●	AS 6916	TPN12.25DR.0001	●	AS 7444

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
20	10	60	10	3	TPF12.20DL.0001	●	AS 5483	TPN12.20DL.0001	●	AS 6014
25	12,5	60	10	3	TPF12.25DL.0001	●	AS 7609	TPN12.25DL.0001	●	AS 8137

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW coda di rondine z:2 elica positiva

HW dovetail bits z:2 upcut

Adatta per fare giunture per cassetti. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable dovetail joints for drawers. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
12	12	60	12	2	TPF12.12PR.0001	●	AS 2042	TPN12.12PR.0001	●	AS 2380
14	12	60	14	2	TPF12.14PR.0001	●	AS 2606	TPN12.14PR.0001	●	AS 2947

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
12	12	60	12	2	TPF12.12PL.0001	●	AS 2246	TPN12.12PL.0001	●	AS 2587
14	12	60	14	2	TPF12.14PL.0001	●	AS 2866	TPN12.14PL.0001	●	AS 3207

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF12/3

HW | Z=2



Fresa HW per incisioni a "V" 60° z:2 diritte

HW engraving router bits "V" 60° z:2 straight

Adatta per scritte e decorazioni su pannelli e legno massiccio. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for writing and decorate solid wood and panels. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
6	5,2	50	6	2	TPF12.06DR.0001	●	AS 883	TPN12.06DR.0001	●	AS 1131
8	6,9	55	8	2	TPF12.08DR.0001	●	AS 986	TPN12.08DR.0001	●	AS 1235
10	8,7	60	10	2	TPF12.10DR.0001	●	AS 1327	TPN12.10DR.0001	●	AS 1575
12	10,4	65	12	2	TPF12.12DR.0001	●	AS 1668	TPN12.12DR.0001	●	AS 2008

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
6	5,2	50	6	2	TPF12.06DL.0001	●	AS 969	TPN12.06DL.0001	●	AS 1218
8	6,9	55	8	2	TPF12.08DL.0001	●	AS 1087	TPN12.08DL.0001	●	AS 1335
10	8,7	60	10	2	TPF12.10DL.0001	●	AS 1461	TPN12.10DL.0001	●	AS 1709
12	10,4	65	12	2	TPF12.12DL.0001	●	AS 1835	TPN12.12DL.0001	●	AS 2173

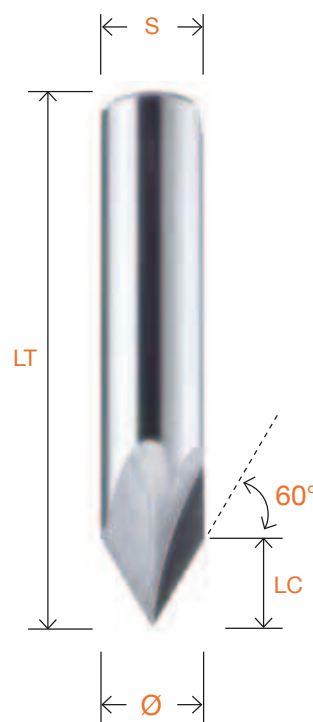
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF12/4

HW | Z=2



TPF12/5

HW | Z=2



Fresa HW per incisioni a "V" 90° z:2 diritte

HW engraving router bits "V" 90° z:2 straight

Adatta per scritte e decorazioni su pannelli e legno massiccio. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for writing and decorate solid wood and panels. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
6	3	50	6	2	TPF12.06DR.0002	●	AS 810	TPN12.06DR.0002	●	AS 1059
8	4	55	8	2	TPF12.08DR.0002	●	AS 925	TPN12.08DR.0002	●	AS 1173
10	5	60	10	2	TPF12.10DR.0002	●	AS 1232	TPN12.10DR.0002	●	AS 1480
12	6	65	12	2	TPF12.12DR.0002	●	AS 1556	TPN12.12DR.0002	●	AS 1894

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
6	3	50	6	2	TPF12.06DL.0002	●	AS 891	TPN12.06DL.0002	●	AS 1140
8	4	55	8	2	TPF12.08DL.0002	●	AS 1017	TPN12.08DL.0002	●	AS 1265
10	5	60	10	2	TPF12.10DL.0002	●	AS 1355	TPN12.10DL.0002	●	AS 1603
12	6	65	12	2	TPF12.12DL.0002	●	AS 1709	TPN12.12DL.0002	●	AS 2050

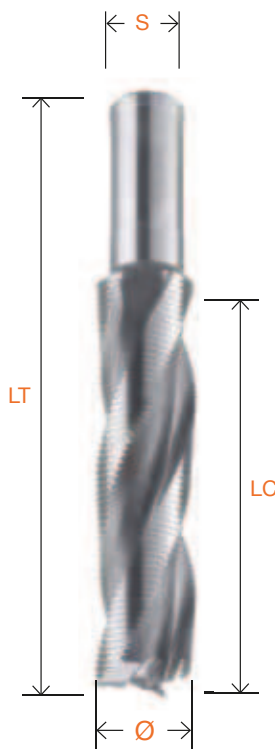
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF12/6

HW | Z=3



Fresa hss-co per carpenteria z:3 RGT elica positiva - attacco Ø 30x75

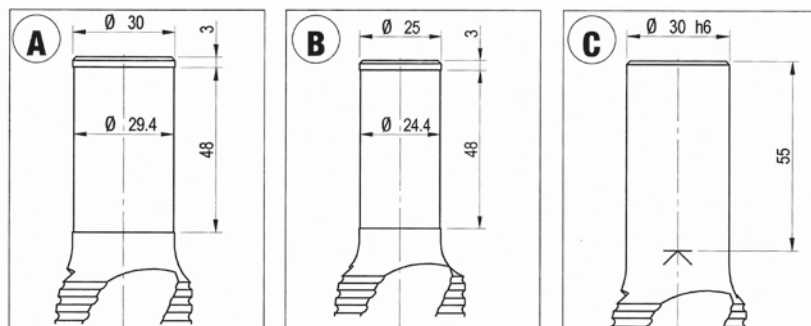
Milling cutters hss-co for carpentry z:3 RGT upcut - shank Ø 30x75

Fresa elicoidale in HSS-Co per finitura a tre taglienti con rompitrucciolo, a rotazione destra. Adatta per lavorazioni di contornatura fresatura e foratura su legno con scarsa finitura della superficie.

Helical milling cutter for finishing in HSS-Co, three flutes with climp-broker, right-hand rotation. Suitable for milling and drilling on wood with scratched surface.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
40	165	230	30	3	TPF12.40PR.A001	●	AS 13531
40	215	280	30	3	TPF12.40PR.A002	●	AS 23081
40	230	295	30	3	TPF12.40PR.A003	●	AS 24670
40	250	315	30	3	TPF12.40PR.A004	●	AS 26899
50	250	315	30	3	TPF12.50PR.A001	●	AS 31039

PASSO 2.5 mm - GROSSO



A Ribasso di sicurezza per pinze elastiche | Safety collar for collets

B Ribasso di sicurezza per pinze elastiche | Safety collar for collets

C Calettamento termico e hydro | Shrink and hydro fit

Esempio d'impiego: pag. 6

Router application: page 6

Esempio di lavorazione: pag. 6

Working example: page 6

FCN

Fresa HW z:1 elica positiva

HW spiral bits z:1 upcut

Adatta per la lavorazione di alluminio e sue leghe. Finitura migliore sul bordo inferiore. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining aluminium and light alloys. Better surface finishing on the lower side. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	1	TPF13.03PR.1001	●	AS 508	TPN13.03PR.1001	●	AS 757
4	15	50	4	1	TPF13.04PR.1001	●	AS 561	TPN13.04PR.1001	●	AS 810
5	17	50	5	1	TPF13.05PR.1001	●	AS 659	TPN13.05PR.1001	●	AS 908
6	17	50	6	1	TPF13.06PR.1001	●	AS 749	TPN13.06PR.1001	●	AS 997
6	22	60	6	1	TPF13.06PR.1002	●	AS 858	TPN13.06PR.1002	●	AS 1106
6	27	60	6	1	TPF13.06PR.1003	●	AS 969	TPN13.06PR.1003	●	AS 1218
8	25	60	8	1	TPF13.08PR.1001	●	AS 1095	TPN13.08PR.1001	●	AS 1344
8	32	80	8	1	TPF13.08PR.1002	●	AS 1254	TPN13.08PR.1002	●	AS 1503
8	42	90	8	1	TPF13.08PR.1003	●	AS 1503	TPN13.08PR.1003	●	AS 1751
10	32	80	10	1	TPF13.10PR.1001	●	AS 1740	TPN13.10PR.1001	●	AS 1989
10	42	100	10	1	TPF13.10PR.1002	●	AS 2089	TPN13.10PR.1002	●	AS 2338
10	52	100	10	1	TPF13.10PR.1003	●	AS 2249	TPN13.10PR.1003	●	AS 2497
12	32	80	12	1	TPF13.12PR.1001	●	AS 2196	TPN13.12PR.1001	●	AS 2536
12	42	100	12	1	TPF13.12PR.1002	●	AS 2693	TPN13.12PR.1002	●	AS 3034
12	52	100	12	1	TPF13.12PR.1003	●	AS 2933	TPN13.12PR.1003	●	AS 3271

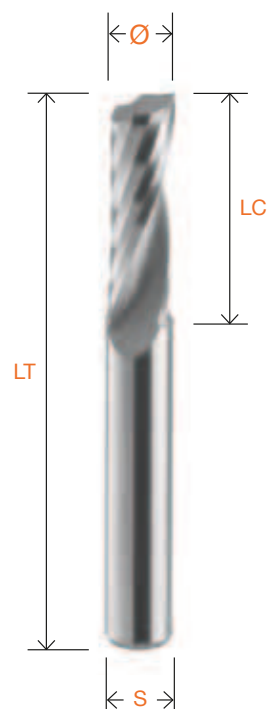
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF13/1

HW | Z=1



Esempio d'impiego: pag. 6 | Router application: page 6

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Esempio di lavorazione: pag. 6 | Working example: page 6

FCN

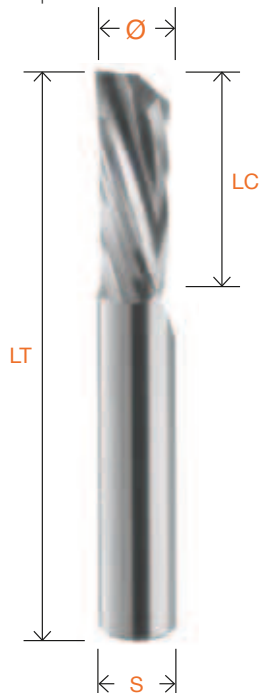
Aluminium - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
3x12	H3 (1 m/min.)	H5 (0,5 m/min.)
4x15	H8 (3 m/min.)	H10 (2 m/min.)
6x22	H10 (4 m/min.)	H15 (3 m/min.)
10x32	H15 (6 m/min.)	H20 (5 m/min.)

Dati indicativi / Datas are indicative only

TPF13/2

HW | Z=1



Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Fresa HW z:1 elica negativa

HW spiral bits z:1 downcut

Adatta per la lavorazione di alluminio e sue leghe con difficile fissaggio del pezzo. Finitura migliore del bordo superiore. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining aluminium and light alloys with difficult work piece fixing. Better surface finishing on the upper side. Downwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	1	TPF13.03NR.1001	●	AS 545	TPN13.03NR.1001	●	AS 793
4	15	50	4	1	TPF13.04NR.1001	●	AS 601	TPN13.04NR.1001	●	AS 849
5	17	50	5	1	TPF13.05NR.1001	●	AS 701	TPN13.05NR.1001	●	AS 950
6	17	50	6	1	TPF13.06NR.1001	●	AS 793	TPN13.06NR.1001	●	AS 1042
6	22	60	6	1	TPF13.06NR.1002	●	AS 911	TPN13.06NR.1002	●	AS 1159
6	27	60	6	1	TPF13.06NR.1003	●	AS 1028	TPN13.06NR.1003	●	AS 1277
8	25	60	8	1	TPF13.08NR.1001	●	AS 1142	TPN13.08NR.1001	●	AS 1391
8	32	80	8	1	TPF13.08NR.1002	●	AS 1310	TPN13.08NR.1002	●	AS 1559
8	42	90	8	1	TPF13.08NR.1003	●	AS 1578	TPN13.08NR.1003	●	AS 1827
10	32	80	10	1	TPF13.10NR.1001	●	AS 1813	TPN13.10NR.1001	●	AS 2061
10	42	100	10	1	TPF13.10NR.1002	●	AS 2176	TPN13.10NR.1002	●	AS 2425
10	52	100	10	1	TPF13.10NR.1003	●	AS 2352	TPN13.10NR.1003	●	AS 2601
12	32	80	12	1	TPF13.12NR.1001	●	AS 2277	TPN13.12NR.1001	●	AS 2617
12	42	100	12	1	TPF13.12NR.1002	●	AS 2793	TPN13.12NR.1002	●	AS 3131
12	52	100	12	1	TPF13.12NR.1003	●	AS 3056	TPN13.12NR.1003	●	AS 3397

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Aluminium - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
3x12	H3 (1 m/min.)	H5 (0,5 m/min.)
4x15	H8 (3 m/min.)	H10 (2 m/min.)
6x22	H10 (4 m/min.)	H15 (3 m/min.)
10x32	H15 (6 m/min.)	H20 (5 m/min.)

Dati indicativi / Datas are indicative only

Micro fresa HW z:1 elica positiva - attacco Ø 4

HW micro spiral bits z:1 upcut - shank Ø 4

Adatta per la lavorazione di alluminio e sue leghe. Finitura migliore sul bordo inferiore. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining aluminium and light alloys. Better surface finishing on the lower side. Upwards chip ejection. Available on request with NaDia coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
1	4	40	4	1	TPF13.01PR.1001	●	AS 824	TPN13.01PR.1001	●	AS 1073
1,5	6	40	4	1	TPF13.01PR.1002	●	AS 855	TPN13.01PR.1002	●	AS 1103
2	8	50	4	1	TPF13.02PR.1001	●	AS 863	TPN13.02PR.1001	●	AS 1112
2,5	10	50	4	1	TPF13.02PR.1002	●	AS 846	TPN13.02PR.1002	●	AS 1095

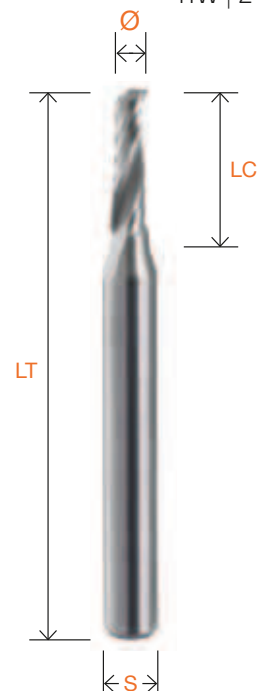
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF13/3

HW | Z=1



Esempio d'impiego: pag. 6
Router application: page 6

Ⓐ Ⓒ

Esempio di lavorazione: pag. 6
Working example: page 6

FCN

Micro fresa HW z:1 elica negativa - attacco Ø 4

HW micro spiral bits z:1 downcut - shank Ø 4

Adatta per la lavorazione di alluminio e sue leghe con difficile fissaggio del pezzo. Finitura migliore del bordo superiore. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining aluminium and light alloys with difficult work piece fixing. Better surface finishing on the upper side. Downwards chip ejection. Available on request with NaDia coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
1	4	40	4	1	TPF13.01NR.1001	●	AS 880	TPN13.01NR.1001	●	AS 1128
1,5	6	40	4	1	TPF13.01NR.1002	●	AS 913	TPN13.01NR.1002	●	AS 1162
2	8	50	4	1	TPF13.02NR.1001	●	AS 919	TPN13.02NR.1001	●	AS 1168
2,5	10	50	4	1	TPF13.02NR.1002	●	AS 899	TPN13.02NR.1002	●	AS 1148

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF13/4

HW | Z=1



Esempio d'impiego: pag. 6
Router application: page 6

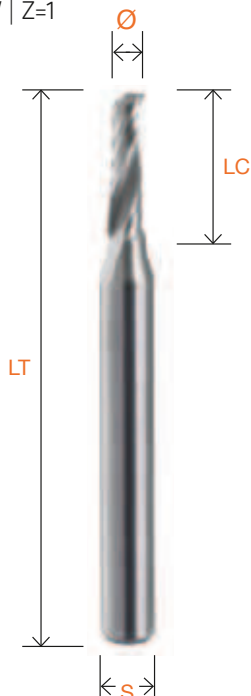
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Esempio di lavorazione: pag. 6
Working example: page 6

FCN

TPF13/5

HW | Z=1



Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Fresa HW z:1 elica positiva - attacco Ø 6

HW spiral bits z:1 upcut - shank Ø 6

Adatta per la lavorazione di alluminio e sue leghe. Finitura migliore sul bordo inferiore. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for machining aluminium and light alloys. Better surface finishing on the lower side. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	60	6	1	TPF13.03PR.1002	●	AS 950	TPN13.03PR.1002	●	AS 1198
4	15	60	6	1	TPF13.04PR.1002	●	AS 964	TPN13.04PR.1002	●	AS 1212
5	17	60	6	1	TPF13.05PR.1002	●	AS 969	TPN13.05PR.1002	●	AS 1218

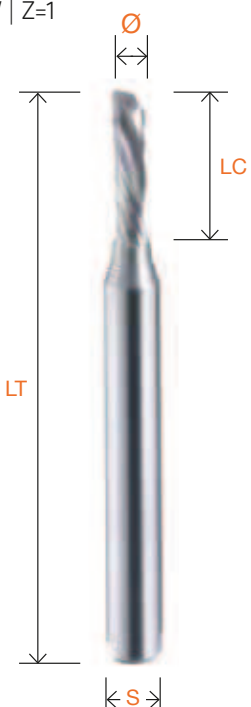
Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF13/6

HW | Z=1



Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Fresa HW z:1 elica negativa - attacco Ø 6

HW spiral bits z:1 downcut - shank Ø 6

Adatta per la lavorazione di alluminio e sue leghe con difficile fissaggio del pezzo. Finitura migliore del bordo superiore. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for machining aluminium and light alloys with difficult work piece fixing. Better surface finishing on the upper side. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	60	6	1	TPF13.03NR.1002	●	AS 986	TPN13.03NR.1002	●	AS 1235
4	15	60	6	1	TPF13.04NR.1002	●	AS 1003	TPN13.04NR.1002	●	AS 1251
5	17	60	6	1	TPF13.05NR.1002	●	AS 1011	TPN13.05NR.1002	●	AS 1260

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:1 elica positiva - attacco Ø 8

HW spiral bits z:1 upcut - shank Ø 8

Adatta per la lavorazione di alluminio e sue leghe. Finitura migliore sul bordo inferiore. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining aluminium and light alloys. Better surface finishing on the lower side. Upwards chip ejection. Available on request with NaDia coating DLC.

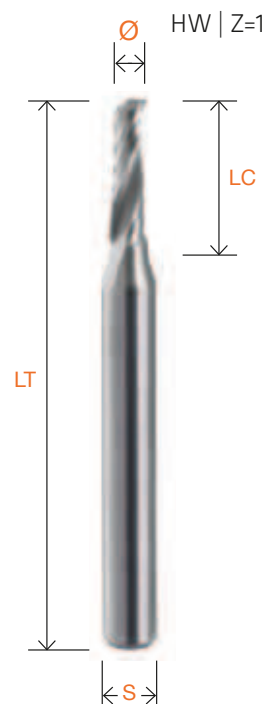
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	1	TPF13.03PR.1003	●	AS 1204	TPN13.03PR.1003	●	AS 1453
4	15	60	8	1	TPF13.04PR.1003	●	AS 1246	TPN13.04PR.1003	●	AS 1494
5	17	60	8	1	TPF13.05PR.1003	●	AS 1268	TPN13.05PR.1003	●	AS 1517
6	27	70	8	1	TPF13.06PR.1004	●	AS 1545	TPN13.06PR.1004	●	AS 1793
7	32	80	8	1	TPF13.07PR.1001	●	AS 1503	TPN13.07PR.1001	●	AS 1751

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF13/7



Esempio d'impiego: pag. 6
Router application: page 6



Esempio di lavorazione: pag. 6
Working example: page 6



Fresa HW z:1 elica negativa - attacco Ø 8

HW spiral bits z:1 downcut - shank Ø 8

Adatta per la lavorazione di alluminio e sue leghe con difficile fissaggio del pezzo. Finitura migliore del bordo superiore. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining aluminium and light alloys with difficult work piece fixing. Better surface finishing on the upper side. Downwards chip ejection. Available on request with NaDia coating DLC.

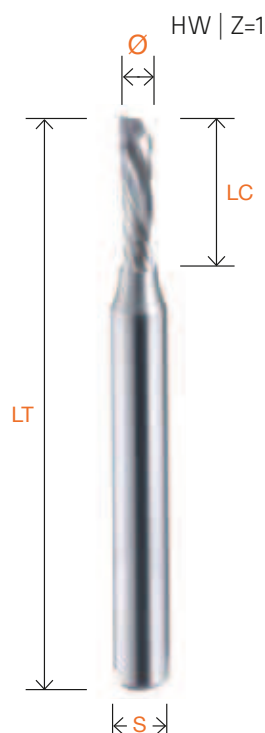
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	1	TPF13.03NR.1003	●	AS 1240	TPN13.03NR.1003	●	AS 1489
4	15	60	8	1	TPF13.04NR.1003	●	AS 1285	TPN13.04NR.1003	●	AS 1534
5	17	60	8	1	TPF13.05NR.1003	●	AS 1313	TPN13.05NR.1003	●	AS 1561
6	27	70	8	1	TPF13.06NR.1004	●	AS 1606	TPN13.06NR.1004	●	AS 1855
7	32	80	8	1	TPF13.07NR.1001	●	AS 1559	TPN13.07NR.1001	●	AS 1807

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF13/8



Esempio d'impiego: pag. 6
Router application: page 6

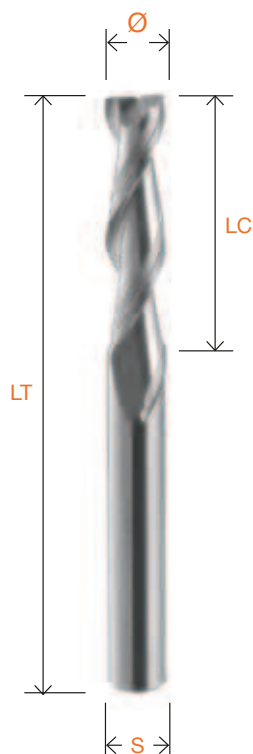


Esempio di lavorazione: pag. 6
Working example: page 6



TPF13/9

HW | Z=2



Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Fresa HW z:2 elica positiva 35°

HW spiral bits z:2 upcut 35°

Adatta per la lavorazione di semifinitura su alluminio e sue leghe. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining aluminium and light alloys on semi finishing operations. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	TPF13.03PR.2001	●	AS 553	TPN13.03PR.2001	●	AS 802
4	15	50	4	2	TPF13.04PR.2001	●	AS 609	TPN13.04PR.2001	●	AS 858
5	17	50	5	2	TPF13.05PR.2001	●	AS 659	TPN13.05PR.2001	●	AS 908
6	17	50	6	2	TPF13.06PR.2001	●	AS 751	TPN13.06PR.2001	●	AS 1000
6	22	60	6	2	TPF13.06PR.2002	●	AS 874	TPN13.06PR.2002	●	AS 1123
6	27	60	6	2	TPF13.06PR.2003	●	AS 1008	TPN13.06PR.2003	●	AS 1257
8	25	70	8	2	TPF13.08PR.2001	●	AS 1053	TPN13.08PR.2001	●	AS 1302
8	32	80	8	2	TPF13.08PR.2002	●	AS 1221	TPN13.08PR.2002	●	AS 1469
8	42	90	8	2	TPF13.08PR.2003	●	AS 1489	TPN13.08PR.2003	●	AS 1737
10	32	80	10	2	TPF13.10PR.2001	●	AS 1620	TPN13.10PR.2001	●	AS 1869
10	42	100	10	2	TPF13.10PR.2002	●	AS 2011	TPN13.10PR.2002	●	AS 2260
10	52	100	10	2	TPF13.10PR.2003	●	AS 2229	TPN13.10PR.2003	●	AS 2478
12	32	80	12	2	TPF13.12PR.2001	●	AS 2050	TPN13.12PR.2001	●	AS 2391
12	42	100	12	2	TPF13.12PR.2002	●	AS 2539	TPN13.12PR.2002	●	AS 2880
12	52	100	12	2	TPF13.12PR.2003	●	AS 2765	TPN13.12PR.2003	●	AS 3106

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Aluminium - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
3x12	H3 (1,5 m/min.)	H5 (1 m/min.)
4x15	H8 (4 m/min.)	H10 (3 m/min.)
6x22	H10 (5 m/min.)	H15 (4 m/min.)
10x32	H15 (7 m/min.)	H20 (6 m/min.)

Dati indicativi / Datas are indicative only

Fresa HW z:2 elica negativa

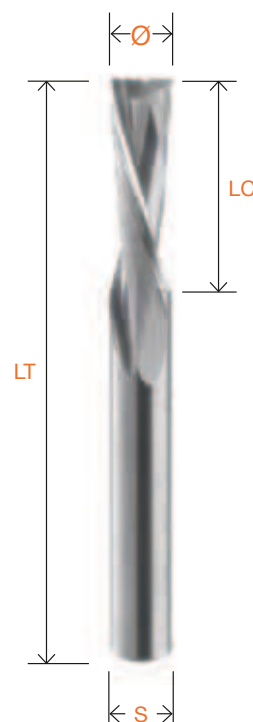
HW spiral bits z:2 downcut

Adatta per lavorazioni di semifinitura su alluminio e su leghe con difficile fissaggio del pezzo. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining aluminium and light alloys with difficult work piece fixing. Downwards chip ejection. Available on request with **NaDia** coating DLC.

TPF13/10

HW | Z=2



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	2	TPF13.03NR.2001	●	AS 595	TPN13.03NR.2001	●	AS 844
4	15	50	4	2	TPF13.04NR.2001	●	AS 654	TPN13.04NR.2001	●	AS 902
5	17	50	5	2	TPF13.05NR.2001	●	AS 701	TPN13.05NR.2001	●	AS 950
6	17	50	6	2	TPF13.06NR.2001	●	AS 796	TPN13.06NR.2001	●	AS 1045
6	22	60	6	2	TPF13.06NR.2002	●	AS 927	TPN13.06NR.2002	●	AS 1176
6	27	60	6	2	TPF13.06NR.2003	●	AS 1073	TPN13.06NR.2003	●	AS 1321
8	25	70	8	2	TPF13.08NR.2001	●	AS 1098	TPN13.08NR.2001	●	AS 1346
8	32	80	8	2	TPF13.08NR.2002	●	AS 1277	TPN13.08NR.2002	●	AS 1525
8	42	90	8	2	TPF13.08NR.2003	●	AS 1561	TPN13.08NR.2003	●	AS 1810
10	32	80	10	2	TPF13.10NR.2001	●	AS 1684	TPN13.10NR.2001	●	AS 1933
10	42	100	10	2	TPF13.10NR.2002	●	AS 2089	TPN13.10NR.2002	●	AS 2338
10	52	100	10	2	TPF13.10NR.2003	●	AS 2330	TPN13.10NR.2003	●	AS 2578
12	32	80	12	2	TPF13.12NR.2001	●	AS 2117	TPN13.12NR.2001	●	AS 2458
12	42	100	12	2	TPF13.12NR.2002	●	AS 2623	TPN13.12NR.2002	●	AS 2964
12	52	100	12	2	TPF13.12NR.2003	●	AS 2874	TPN13.12NR.2003	●	AS 3212

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Esempio d'impiego: pag. 6

Router application: page 6

® ®

Esempio di lavorazione: pag. 6

Working example: page 6

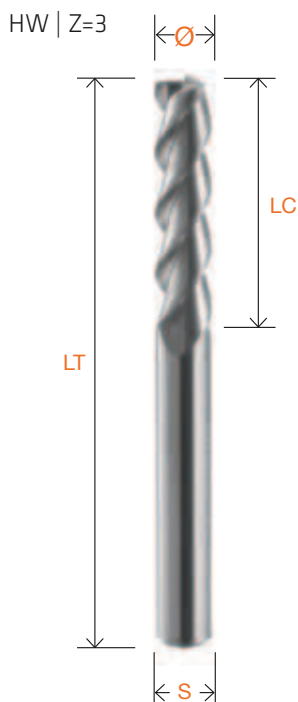
FCN

Aluminium - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
3x12	H3 (1,5 m/min.)	H5 (1 m/min.)
4x15	H8 (4 m/min.)	H10 (3 m/min.)
6x22	H10 (5 m/min.)	H15 (4 m/min.)
10x32	H15 (7 m/min.)	H20 (6 m/min.)

Dati indicativi / Datas are indicative only

TPF13/11



Esempio d'impiego: pag. 6
Router application: page 6



Esempio di lavorazione: pag. 6
Working example: page 6



Fresa HW z:3 elica positiva 45°

HW spiral bits z:2 upcut 45°

Adatta per lavorazioni di finitura su alluminio e sue leghe. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining aluminium and light alloys on finishing operations. Upwards chip ejection. Available on request with **NaDia** coating DLC.

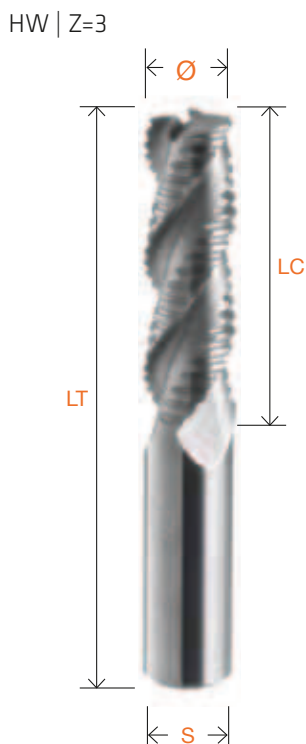
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
8	25	70	8	3	TPF13.08PR.3001	●	AS 1126	TPN13.08PR.3001	●	AS 1374
8	32	80	8	3	TPF13.08PR.3002	●	AS 1299	TPN13.08PR.3002	●	AS 1547
8	42	90	8	3	TPF13.08PR.3003	●	AS 1623	TPN13.08PR.3003	●	AS 1872
10	32	80	10	3	TPF13.10PR.3001	●	AS 1754	TPN13.10PR.3001	●	AS 2003
10	42	100	10	3	TPF13.10PR.3002	●	AS 2187	TPN13.10PR.3002	●	AS 2436
10	52	100	10	3	TPF13.10PR.3003	●	AS 2483	TPN13.10PR.3003	●	AS 2732
12	32	80	12	3	TPF13.12PR.3001	●	AS 2148	TPN13.12PR.3001	●	AS 2489
12	42	100	12	3	TPF13.12PR.3002	●	AS 2645	TPN13.12PR.3002	●	AS 2983
12	52	100	12	3	TPF13.12PR.3003	●	AS 2902	TPN13.12PR.3003	●	AS 3243

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF14/1



Esempio d'impiego: pag. 6
Router application: page 6



Esempio di lavorazione: pag. 6
Working example: page 6



Fresa HW z:3 rtg elica positiva 35° rtg = passo 2,5 mm

HW spiral bits z:3 rtg upcut 35° rtg = pitch 2,5 mm

Adatta per sgrossatura su alluminio e sue leghe con elevata velocità di avanzamento. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for roughing aluminium and light alloys with fast speed. Upwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
8	25	70	8	3	TPF14.08PR.G001	●	AS 1472	TPN14.08PR.G001	●	AS 1721
8	32	80	8	3	TPF14.08PR.G002	●	AS 1690	TPN14.08PR.G002	●	AS 1939
8	42	90	8	3	TPF14.08PR.G003	●	AS 2061	TPN14.08PR.G003	●	AS 2310
10	32	80	10	3	TPF14.10PR.G001	●	AS 2176	TPN14.10PR.G001	●	AS 2425
10	42	100	10	3	TPF14.10PR.G002	●	AS 2723	TPN14.10PR.G002	●	AS 2972
10	52	100	10	3	TPF14.10PR.G003	●	AS 3162	TPN14.10PR.G003	●	AS 3411
12	32	80	12	3	TPF14.12PR.G001	●	AS 2693	TPN14.12PR.G001	●	AS 3034
12	42	100	12	3	TPF14.12PR.G002	●	AS 3285	TPN14.12PR.G002	●	AS 3623
12	52	100	12	3	TPF14.12PR.G003	●	AS 3609	TPN14.12PR.G003	●	AS 3947
14	42	100	14	3	TPF14.14PR.G001	●	AS 4084	TPN14.14PR.G001	●	AS 4425
14	52	100	14	3	TPF14.14PR.G002	●	AS 4455	TPN14.14PR.G002	●	AS 4796
16	42	100	16	3	TPF14.16PR.G001	●	AS 4980	TPN14.16PR.G001	●	AS 5318
16	52	100	16	3	TPF14.16PR.G002	●	AS 5277	TPN14.16PR.G002	●	AS 5617
16	72	120	16	3	TPF14.16PR.G003	●	AS 6570	TPN14.16PR.G003	●	AS 7081
18	52	100	18	3	TPF14.18PR.G001	●	AS 6251	TPN14.18PR.G001	●	AS 6779
18	72	130	18	3	TPF14.18PR.G002	●	AS 7927	TPN14.18PR.G002	●	AS 8531
20	52	100	20	3	TPF14.20PR.G001	●	AS 7525	TPN14.20PR.G001	●	AS 8053
20	72	130	20	3	TPF14.20PR.G002	●	AS 9492	TPN14.20PR.G002	●	AS 10095
20	85	150	20	3	TPF14.20PR.G003	●	AS 10941	TPN14.20PR.G003	●	AS 11545
20	102	160	20	3	TPF14.20PR.G004	●	AS 12366	TPN14.20PR.G004	●	AS 12972

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:1 elica positiva

HW spiral bits z:1 upcut

Adatta per lavorazione di materie plastiche. Scarico del truciolo verso l'alto.
Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining plastics. Upwards chip ejection. Available on request with **NaDia** coating DLC.

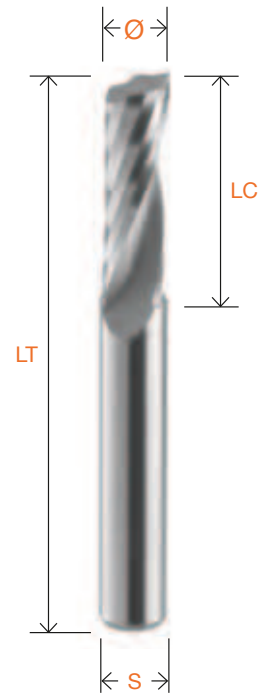
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	50	3	1	TPF15.03PR.1001	●	AS 508	TPN15.03PR.1001	●	AS 757
4	15	50	4	1	TPF15.04PR.1001	●	AS 561	TPN15.04PR.1001	●	AS 810
5	17	50	5	1	TPF15.05PR.1001	●	AS 659	TPN15.05PR.1001	●	AS 908
6	17	50	6	1	TPF15.06PR.1001	●	AS 749	TPN15.06PR.1001	●	AS 997
6	22	60	6	1	TPF15.06PR.1002	●	AS 858	TPN15.06PR.1002	●	AS 1106
6	27	60	6	1	TPF15.06PR.1003	●	AS 969	TPN15.06PR.1003	●	AS 1218
8	25	60	8	1	TPF15.08PR.1001	●	AS 1095	TPN15.08PR.1001	●	AS 1344
8	32	80	8	1	TPF15.08PR.1002	●	AS 1254	TPN15.08PR.1002	●	AS 1503
8	42	90	8	1	TPF15.08PR.1003	●	AS 1503	TPN15.08PR.1003	●	AS 1751
10	32	80	10	1	TPF15.10PR.1001	●	AS 1740	TPN15.10PR.1001	●	AS 1989
10	42	100	10	1	TPF15.10PR.1002	●	AS 2089	TPN15.10PR.1002	●	AS 2338
10	52	100	10	1	TPF15.10PR.1003	●	AS 2249	TPN15.10PR.1003	●	AS 2497
12	32	80	12	1	TPF15.12PR.1001	●	AS 2196	TPN15.12PR.1001	●	AS 2536
12	42	100	12	1	TPF15.12PR.1002	●	AS 2693	TPN15.12PR.1002	●	AS 3034
12	52	100	12	1	TPF15.12PR.1003	●	AS 2933	TPN15.12PR.1003	●	AS 3271

Altre misure disponibili su richiesta | Other dimensions available on request
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF15/1

HW | Z=1



Esempio d'impiego: pag. 6 | (A) ©
Router application: page 6

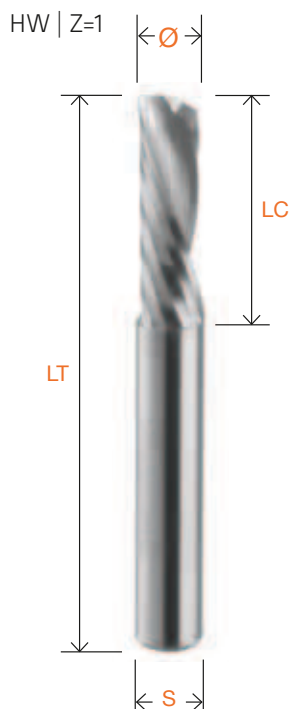
Esempio di lavorazione: pag. 6 | (FCN)
Working example: page 6

Aluminium - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
3x12	H3 (1 m/min.)	H5 (0,5 m/min.)
4x15	H8 (3 m/min.)	H10 (2 m/min.)
6x22	H10 (4 m/min.)	H15 (3 m/min.)
10x32	H15 (6 m/min.)	H20 (5 m/min.)

Dati indicativi / Datas are indicative only

TPF15/2



Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Fresa HW z:1 elica negativa

HW spiral bits z:1 downcut

Adatta per lavorazione di materie plastiche. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining plastics. Downwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	50	3	1	TPF15.03NR.1001	●	AS 545	TPN15.03NR.1001	●	AS 793
4	15	50	4	1	TPF15.04NR.1001	●	AS 601	TPN15.04NR.1001	●	AS 849
5	17	50	5	1	TPF15.05NR.1001	●	AS 701	TPN15.05NR.1001	●	AS 950
6	17	50	6	1	TPF15.06NR.1001	●	AS 793	TPN15.06NR.1001	●	AS 1042
6	22	60	6	1	TPF15.06NR.1002	●	AS 911	TPN15.06NR.1002	●	AS 1159
6	27	60	6	1	TPF15.06NR.1003	●	AS 1028	TPN15.06NR.1003	●	AS 1277
8	25	60	8	1	TPF15.08NR.1001	●	AS 1142	TPN15.08NR.1001	●	AS 1391
8	32	80	8	1	TPF15.08NR.1002	●	AS 1310	TPN15.08NR.1002	●	AS 1559
8	42	90	8	1	TPF15.08NR.1003	●	AS 1578	TPN15.08NR.1003	●	AS 1827
10	32	80	10	1	TPF15.10NR.1001	●	AS 1813	TPN15.10NR.1001	●	AS 2061
10	42	100	10	1	TPF15.10NR.1002	●	AS 2176	TPN15.10NR.1002	●	AS 2425
10	52	100	10	1	TPF15.10NR.1003	●	AS 2352	TPN15.10NR.1003	●	AS 2601
12	32	80	12	1	TPF15.12NR.1001	●	AS 2277	TPN15.12NR.1001	●	AS 2617
12	42	100	12	1	TPF15.12NR.1002	●	AS 2793	TPN15.12NR.1002	●	AS 3131
12	52	100	12	1	TPF15.12NR.1003	●	AS 3056	TPN15.12NR.1003	●	AS 3397

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Aluminium - 18.000 - 24.000 RPM

Dimensions	Work thickness (feed speed)	Work thickness (feed speed)
3x12	H3 (1 m/min.)	H5 (0,5 m/min.)
4x15	H8 (3 m/min.)	H10 (2 m/min.)
6x22	H10 (4 m/min.)	H15 (3 m/min.)
10x32	H15 (6 m/min.)	H20 (5 m/min.)

Dati indicativi / Datas are indicative only

Micro fresa HW z:1 elica positiva - attacco Ø 4

HW micro spiral bits z:1 upcut - shank Ø 4

Adatta per lavorazione di materie plastiche. Scarico del truciolo verso l'alto.
Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for machining plastics. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

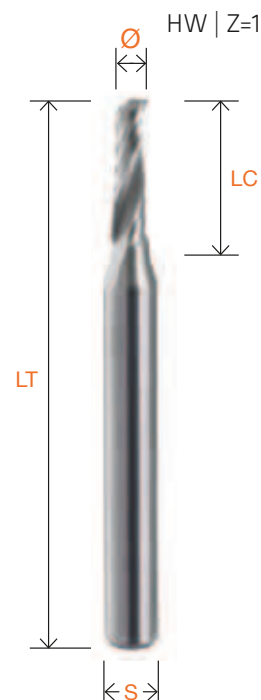
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
1	4	40	4	1	TPF15.01PR.1001	●	AS 824	TPN15.01PR.1001	●	AS 1073
1,5	6	40	4	1	TPF15.01PR.1002	●	AS 855	TPN15.01PR.1002	●	AS 1103
2	8	50	4	1	TPF15.02PR.1001	●	AS 863	TPN15.02PR.1001	●	AS 1112
2,5	10	50	4	1	TPF15.02PR.1002	●	AS 846	TPN15.02PR.1002	●	AS 1095

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF15/3



Esempio d'impiego: pag. 6 | Router application: page 6 | (A) (C)

Esempio di lavorazione: pag. 6 | Working example: page 6 | (FCN)

Micro fresa HW z:1 elica negativa - attacco Ø 4

HW micro spiral bits z:1 downcut - shank Ø 4

Adatta per lavorazione di materie plastiche. Scarico del truciolo verso il basso.
Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for machining plastics. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

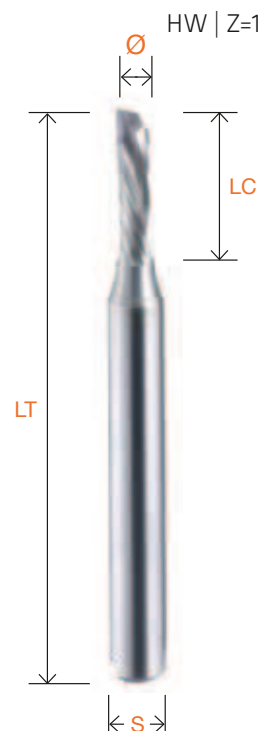
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
1	4	40	4	1	TPF15.01NR.1001	●	AS 880	TPN15.01NR.1001	●	AS 1128
1,5	6	40	4	1	TPF15.01NR.1002	●	AS 913	TPN15.01NR.1002	●	AS 1162
2	8	50	4	1	TPF15.02NR.1001	●	AS 919	TPN15.02NR.1001	●	AS 1168
2,5	10	50	4	1	TPF15.02NR.1002	●	AS 899	TPN15.02NR.1002	●	AS 1148

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF15/4

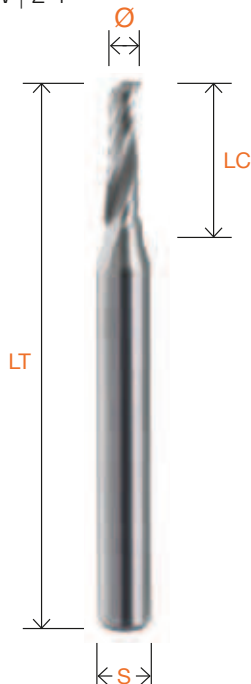


Esempio d'impiego: pag. 6 | Router application: page 6 | (B) (D)

Esempio di lavorazione: pag. 6 | Working example: page 6 | (FCN)

TPF15/5

HW | Z=1



Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Fresa HW z:1 elica positiva - attacco Ø 6

HW spiral bits z:1 upcut - shank Ø 6

Adatta per lavorazione di materie plastiche. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for machining plastics. Upwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	60	6	1	TPF15.03PR.1002		AS 950	TPN15.03PR.1002		AS 1198
4	15	60	6	1	TPF15.04PR.1002		AS 964	TPN15.04PR.1002		AS 1212
5	17	60	6	1	TPF15.05PR.1002		AS 969	TPN15.05PR.1002		AS 1218

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

Per disponibilità vedi pag. 3 | For availability see page 3

TPF15/6

HW | Z=1



Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Fresa HW z:1 elica negativa - attacco Ø 6

HW spiral bits z:1 downcut - shank Ø 6

Adatta per lavorazione di materie plastiche. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

*Suitable for machining plastics. Downwards chip ejection. Available on request with **NaDia** coating DLC.*

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	60	6	1	TPF15.03NR.1002		AS 986	TPN15.03NR.1002		AS 1235
4	15	60	6	1	TPF15.04NR.1002		AS 1003	TPN15.04NR.1002		AS 1251
5	17	60	6	1	TPF15.05NR.1002		AS 1011	TPN15.05NR.1002		AS 1260

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

Per disponibilità vedi pag. 3 | For availability see page 3

Fresa HW z:1 elica positiva - attacco Ø 8

HW spiral bits z:1 upcut - shank Ø 8

Adatta per lavorazione di materie plastiche. Scarico del truciolo verso l'alto.
Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining plastics. Upwards chip ejection. Available on request with NaDia coating DLC.

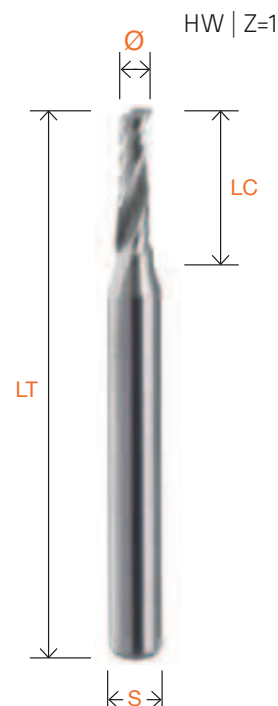
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	1	TPF15.03PR.1003	●	AS 1204	TPN15.03PR.1003	●	AS 1453
4	15	60	8	1	TPF15.04PR.1003	●	AS 1246	TPN15.04PR.1003	●	AS 1494
5	17	60	8	1	TPF15.05PR.1003	●	AS 1268	TPN15.05PR.1003	●	AS 1517
6	27	70	8	1	TPF15.06PR.1004	●	AS 1545	TPN15.06PR.1004	●	AS 1793
7	32	80	8	1	TPF15.07PR.1001	●	AS 1503	TPN15.07PR.1001	●	AS 1751

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF15/7



Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

Fresa HW z:1 elica negativa - attacco Ø 8

HW spiral bits z:1 downcut - shank Ø 8

Adatta per lavorazione di materie plastiche. Scarico del truciolo verso il basso.
Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for machining plastics. Downwards chip ejection. Available on request with NaDia coating DLC.

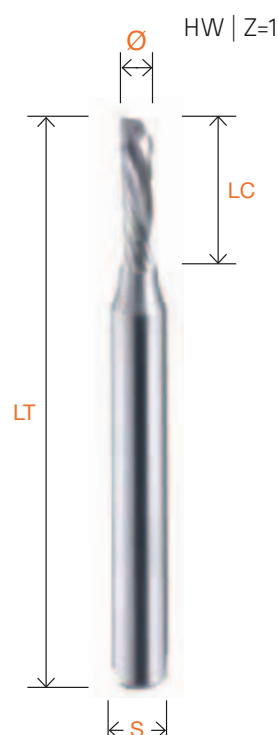
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	1	TPF15.03NR.1003	●	AS 1240	TPN15.03NR.1003	●	AS 1489
4	15	60	8	1	TPF15.04NR.1003	●	AS 1285	TPN15.04NR.1003	●	AS 1534
5	17	60	8	1	TPF15.05NR.1003	●	AS 1313	TPN15.05NR.1003	●	AS 1561
6	27	70	8	1	TPF15.06NR.1004	●	AS 1606	TPN15.06NR.1004	●	AS 1855
7	32	80	8	1	TPF15.07NR.1001	●	AS 1559	TPN15.07NR.1001	●	AS 1807

Altre misure disponibili su richiesta | Other dimensions available on request

Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TPF15/8



Esempio d'impiego: pag. 6 | Router application: page 6

Esempio di lavorazione: pag. 6 | Working example: page 6

[illegible]



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Articolo | Issue

Cod.

Pag.

Utensili ad avanzamento meccanico - MEC | Mechanical feed tools MEC

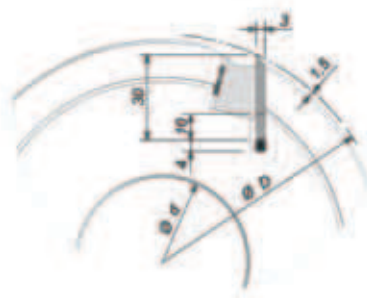
SCAIARÒL™ Testa pialla con coltelli in HS da 3 mm Planing head with 3 mm HS knives	TCP02/1	4
	TCP02/2	5
SPLANÂ™ Testa pialla ad alto rendimento High performance planing head	TCP03	6
SPLANÂ™ Testa pialla ad alto rendimento con coltelli profilati High performance planing head with profiled knives	TCP09	8
Testa rasante con coltelli reversibili Reference cutter head	TCP06/4	10
BULLDOZER™ Testa pialla ad alto rendimento High performance planing head	TCP07/1	11
	TCP07/2	12
RABÔT™ Testa pialla ad alto rendimento High performance planing head	TCP08/1	13
	TCP08/2	14
Testa portacoltelli zigrinati Serrated knife cutter head	TCP06/1	15
Testa pialla modulare Assembly system planing cutter	TCP05	16
ORA™ Testa elicoidale a pre-piallare Helical pre-planing cutter head	TCP01/1	17
	TCP01/2	18
PELÈR™ Testa elicoidale a piallare Helical planing cutter head	TCP10/1	19
	TCP10/2	20
Testa portacoltelli per giunzioni tipo "finger joint" Finger jointing cutter	TCJ02/1	21
Teste modulari per giunzioni con inserto intercambiabile Modular finger jointing cutter system	TCJ02/2	24
GONTÂ™ Testa portacoltelli per giunzioni tipo "finger joint" Finger jointing cutter	TCJ03/1	27
GONTÂ™ System		28
Truciolatore in lega leggera Hogging units	TCF03/1	30
Gruppo teste con coltellini per raggiare e smussare Rounding cutter set	TCP06/2	32
Gruppi teste con coltellini per parchetti e perline Tongue and groove cutter set	TCP06/3	34

Legenda Disponibilità/Availability:

- - Articolo disponibile con spedizione da Twt in 3-4 gg. lavorativi (questo tipo di disponibilità è riferita ad articoli con variante foro di base. Per fori più grandi la disponibilità è quella successiva).
- - Article available ex stock with delivery from Twt in 3-4 working days (This kind of availability refers to articles with basic hole dimension. For larger holes the availability and delivery are the next one).
- - Articolo non in stock con spedizione da Twt in 10 gg lavorativi.
- - Article available in short notice and delivery from Twt in 10 working days.
- - Articolo non in stock con spedizione da Twt in 20 gg lavorativi.
- - Article available in medium notice and delivery from Twt in 20 working days.

TCP02/1

MEC | HS



SCAIARÒL™ Testa pialla con coltelli in HS da 3 mm - Acciaio

SCAIARÒL™ Planing head with 3 mm HS knives - Steel

Testa portacoltelli a 4 taglienti equipaggiata con coltelli pialla in HS. Corpo in acciaio ad alta resistenza, coltelli da 3 mm di spessore per 30 di altezza. Il posizionamento dei coltelli viene effettuato mediante l'apposito calibro. La testa può essere equipaggiata anche con coltelli con riporti in HW.

Angoli di taglio: 30°. Corpo in acciaio. Tutte le altre dimensioni sono disponibili su richiesta. Possiamo fornire altre dimensioni fino a 680 mm di lunghezza.

High tensile steel tool body fitted with four HS planing knives. Positioning of the 30 x 3 mm regrindable knives with appropriate gauge. Tool fitting with Tungsten Carbide planing knives on request.

Rake angles: 30°. Steel body. All other dimensions on request. Cutting widths up to 680 mm possible.

Corpo in acciaio | Steel body

MEC - Z=4 - HS (Opzione coltelli in HW | HW optional knives)

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	80	40	4	9000	TCP02.125C.S080	●	AF 774
125	80	50	4	9000	TCP02.125D.S080	●	AF 865
125	100	40	4	9000	TCP02.125C.S100	●	AF 683
125	100	50	4	9000	TCP02.125D.S100	●	AF 774
125	120	40	4	9000	TCP02.125C.S120	●	AF 751
125	120	50	4	9000	TCP02.125D.S120	●	AF 844
125	130	40	4	9000	TCP02.125C.S130	●	AF 817
125	130	50	4	9000	TCP02.125D.S130	●	AF 908
125	150	40	4	9000	TCP02.125C.S150	●	AF 877
125	150	50	4	9000	TCP02.125D.S150	●	AF 968
125	160	40	4	9000	TCP02.125C.S160	●	AF 1138
125	160	50	4	9000	TCP02.125D.S160	●	AF 1229
125	170	40	4	9000	TCP02.125C.S170	●	AF 1236
125	170	50	4	9000	TCP02.125D.S170	●	AF 1328
125	180	40	4	9000	TCP02.125C.S180	●	AF 1022
125	180	50	4	9000	TCP02.125D.S180	●	AF 1205
125	190	40	4	9000	TCP02.125C.S190	●	AF 1332
125	190	50	4	9000	TCP02.125D.S190	●	AF 1423
125	210	40	4	9000	TCP02.125C.S210	●	AF 1427
125	210	50	4	9000	TCP02.125D.S210	●	AF 1518
125	230	40	4	9000	TCP02.125C.S230	●	AF 1250
125	230	50	4	9000	TCP02.125D.S230	●	AF 1341
125	240	40	4	9000	TCP02.125C.S240	●	AF 1598
125	240	50	4	9000	TCP02.125D.S240	●	AF 1689
125	250	40	4	9000	TCP02.125C.S250	●	AF 1648
125	250	50	4	9000	TCP02.125D.S250	●	AF 1739
125	260	40	4	9000	TCP02.125C.S260	●	AF 1743
125	260	50	4	9000	TCP02.125D.S260	●	AF 1834

Altre misure disponibili su richiesta | Other dimensions available on request

Per coltelli di ricambio vedere pag. 49 | For spare knives see page 49

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M10	25	10	TRF08.M105.1309	●	BC3 51

Quantità minime d'ordine | Minimum order quantities

SCAIARÒL™:

Termine tratto dal dialetto locale "trentin" della regione Trentino Alto-Adige che identifica un utensile a piallare usato dai falegnami locali.

Term taken from the local dialect "trentin" of Trentino-Alto Adige region in North of Italy, which means a particular manual planer tool used by local carpenters.

SCAIARÒL Testa pialla con coltelli in HS da 3 mm - Alluminio

SCAIARÒL Planing head with 3 mm HS knives - Aluminium

Testa portacoltelli a 4 taglienti equipaggiata con coltelli pialla in HS. L'utensile presenta il corpo in lega leggera e viene equipaggiato con coltelli da 3 mm di spessore per 30 mm di altezza. Il posizionamento dei coltelli viene eseguito mediante l'apposito calibro. La testa può essere equipaggiata anche con coltelli con riporti in HW.

Angoli di taglio: 30°. Corpo in alluminio. Tutte le altre dimensioni sono disponibili su richiesta. Possiamo fornire altre dimensioni fino a 680 mm di lunghezza.

Light alloy tool body fitted with four HS planing knives. Positioning of the 30 x 3 mm regrindable knives with appropriate gauge. Tool fitted with Tungsten Carbide planing knives on request.

Rake angles: 30°. Aluminium body. All other dimensions on request. Cutting widths up to 680 mm possible.

Corpo in alluminio | Light alloy body

MEC - Z=4 - HS (Opzione coltelli in HW | HW optional knives)

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	60	40	4	9000	TCP02.125C.A060	●	AF 746
125	60	50	4	9000	TCP02.125D.A060	●	AF 838
125	80	40	4	9000	TCP02.125C.A080	●	AF 865
125	80	50	4	9000	TCP02.125D.A080	●	AF 955
125	100	40	4	9000	TCP02.125C.A100	●	AF 943
125	100	50	4	9000	TCP02.125D.A100	●	AF 1034
125	120	40	4	9000	TCP02.125C.A120	●	AF 1056
125	120	50	4	9000	TCP02.125D.A120	●	AF 1147
125	130	40	4	9000	TCP02.125C.A130	●	AF 911
125	130	50	4	9000	TCP02.125D.A130	●	AF 1001
125	150	40	4	9000	TCP02.125C.A150	●	AF 1212
125	150	50	4	9000	TCP02.125D.A150	●	AF 1303
125	160	40	4	9000	TCP02.125C.A160	●	AF 1278
125	160	50	4	9000	TCP02.125D.A160	●	AF 1369
125	180	40	4	9000	TCP02.125C.A180	●	AF 1415
125	180	50	4	9000	TCP02.125D.A180	●	AF 1506
125	190	40	4	9000	TCP02.125C.A190	●	AF 1496
125	190	50	4	9000	TCP02.125D.A190	●	AF 1587
125	230	40	4	9000	TCP02.125C.A230	●	AF 1411
125	230	50	4	9000	TCP02.125D.A230	●	AF 1501
125	240	40	4	9000	TCP02.125C.A240	●	AF 1789
125	240	50	4	9000	TCP02.125D.A240	●	AF 1880
125	250	40	4	9000	TCP02.125C.A250	●	AF 1869
125	250	50	4	9000	TCP02.125D.A250	●	AF 1959
125	260	40	4	9000	TCP02.125C.A260	●	AF 1936
125	260	50	4	9000	TCP02.125D.A260	●	AF 2027

Altre misure disponibili su richiesta | Other dimensions available on request

Per coltelli di ricambio vedere pag. 49 | For spare knives see page 49

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M10	25	10	TRF08.M105.1309	●	BG3 51

Quantità minime d'ordine | Minimum order quantities

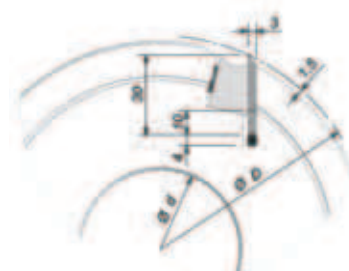
SCAIARÒL™:

Termine tratto dal dialetto locale "trentin" della regione Trentino Alto-Adige che identifica un utensile a piallare usato dai falegnami locali.

Term taken from the local dialect "trentin" of Trentino-Alto Adige region in North of Italy, which means a particular manual planer tool used by local carpenters.

TCP02/2

MEC | HS



TCP03

MEC | HS



SPLANÂ™ Testa pialla ad alto rendimento - Alluminio

SPLANÂ™ High performance planing head - Aluminium

Testa a piallare con coltelli reversibili intercambiabili adatta per lavorare legni teneri e duri, truciolari e composti, su scorriciatrici e profilatrici automatiche. Il brevettato bloccaggio centrifugo consente la sostituzione rapida e precisa dei coltelli. L'utensile può montare indifferentemente coltelli in acciaio HS o in HW integrale. Equipaggiamento standard con coltelli in acciaio HS. I coltelli in HW devono essere ordinati separatamente.

Angoli di taglio: 25°. Corpo in alluminio. Possiamo fornire a richiesta altre dimensioni fino a 680 mm di lunghezza. **Coltelli pialla in HS inclusi.**

Planing cutterhead in light alloy execution (steel on request) fitted with HS planing knives, solid carbide knives can be obtained in addition, patented centrifugal clamping system for fast, precise and comfortable knife exchange, further dimensions on request, suitable for mechanical feed.

*Rake angles: 25°. Aluminium body. Other dimensions up to 680 mm length on request. **HS planer knives included.***

Corpo in alluminio | Light alloy body MEC - Z=4 - HS (Opzione coltelli in HW | HW optional knives)

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	80	40	4	10000	TCP03.125C.A080	●	AF 1215
125	80	50	4	10000	TCP03.125D.A080	●	AF 1299
125	100	40	4	10000	TCP03.125C.A100	●	AF 1317
125	100	50	4	10000	TCP03.125D.A100	●	AF 1401
125	120	40	4	10000	TCP03.125C.A120	●	AF 1419
125	120	50	4	10000	TCP03.125D.A120	●	AF 1503
125	130	40	4	10000	TCP03.125C.A130	●	AF 1170
125	130	50	4	10000	TCP03.125D.A130	●	AF 1256
125	150	40	4	10000	TCP03.125C.A150	●	AF 1683
125	150	50	4	10000	TCP03.125D.A150	●	AF 1768
125	160	40	4	10000	TCP03.125C.A160	●	AF 1730
125	160	50	4	10000	TCP03.125D.A160	●	AF 1816
125	170	40	4	10000	TCP03.125C.A170	●	AF 1806
125	170	50	4	10000	TCP03.125D.A170	●	AF 1891
125	180	40	4	10000	TCP03.125C.A180	●	AF 1855
125	180	50	4	10000	TCP03.125D.A180	●	AF 1940
125	190	40	4	10000	TCP03.125C.A190	●	AF 1926
125	190	50	4	10000	TCP03.125D.A190	●	AF 2011
125	230	40	4	10000	TCP03.125C.A230	●	AF 1648
125	230	50	4	10000	TCP03.125D.A230	●	AF 1732
125	240	40	4	10000	TCP03.125C.A240	●	AF 1683
125	240	50	4	10000	TCP03.125D.A240	●	AF 1768
125	250	40	4	10000	TCP03.125C.A250	●	AF 2394
125	250	50	4	10000	TCP03.125D.A250	●	AF 2479
140	130	40	4	9000	TCP03.140C.A130	●	AF 2029
140	130	50	4	9000	TCP03.140D.A130	●	AF 2115
140	180	40	4	9000	TCP03.140C.A180	●	AF 2425
140	180	50	4	9000	TCP03.140D.A180	●	AF 2510
140	230	40	4	9000	TCP03.140C.A230	●	AF 2818
140	230	50	4	9000	TCP03.140D.A230	●	AF 2904

Altre misure disponibili su richiesta | Other dimensions available on request
Per coltelli di ricambio vedere pagg. 9 e 51 | For spare knives see pages 9 and 51
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

SPLANÂ™:

Verbo tratto dal dialetto locale "furlan" della regione Friuli - Venezia Giulia che significa piallare, spianare una superficie.
Verb taken from the local dialect "furlan" of Friuli - Venezia Giulia region in North-East of Italy, which means planing, leveling a surface.

Il nuovo sistema di bloccaggio automatico per coltelli intercambiabili è stato espressamente progettato per la sua applicazione su utensili a piallare. Il sistema brevettato **SPLANÂ™** è in grado di garantire elevati standard di finitura e durata, ha vantaggiosi costi di gestione e concentra in sé tutte quelle caratteristiche che lo rendono una componente indispensabile nella fase di piallatura.

1. Il corpo utensile può essere in acciaio o in lega leggera ad alta resistenza; su di esso sono ricavate due o più sedi per l'alloggiamento dei coltelli che vanno ad auto-posizionarsi nella relativa cava di sicurezza.

2. I coltelli reversibili possono essere forniti in acciaio HSS (per legni teneri) o in HW integrale (per legni duri o composti). La loro sezione è stata studiata per consentire l'auto-posizionamento automatico. Ne consegue, quindi, una precisione costante dell'utensile senza uso di calibri di posizionamento (le operazioni di controllo vengono quindi eliminate).

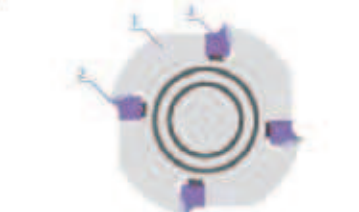
3. Il profilo del tassello di bloccaggio facilita l'evacuazione del truciolo. È, inoltre, dotato di due o più spine rettificare che lo guidano radialmente impedendone lo spostamento laterale.

4. Le molle di pre-carico inserite nel corpo utensile, dopo la sostituzione dei coltelli, vanno ad agire sul tassello portandolo in posizione e contemporaneamente bloccandolo.

5. La vite di comando, agendo sul tassello, sblocca il sistema permettendo la facile e rapida sostituzione del coltello. Se allentata, consente al sistema di auto-bloccarsi con precisione e sicurezza.

6. Il particolare profilo del tassello, scaricando rapidamente ed efficientemente il truciolo (vedi punto 2), consente di impiegare questi utensili su piallatrici automatiche con alte velocità di avanzamento e notevoli profondità di lavoro.

7. Il sistema brevettato **SPLANÂ™** è stato progettato in conformità con la normativa europea EN 847/1: i componenti sono, infatti, ridotti al minimo. Il bloccaggio viene generato dalla rotazione dell'utensile: la forza centrifuga sviluppata durante il funzionamento non consente al tassello di fuori uscire dalla propria sede.



The patented system **SPLANÂ™** is able to guarantee very high finishing and wear-resistant standards, at the same time it is extremely cost-effective and possesses all those characteristics that make it an essential component for planing. The new automatic fixing system for interchangeable knives has been specifically designed for tools used in planing applications.

1. The cutterhead can be made out of steel or high-resistant light alloy; two or more pockets are drawn on it for the knives positioning which will in turn auto-position themselves in the appropriate knife pocket.

2. The reversible knives can be supplied in HSS (for soft wood) or in solid HW (for hard wood or composites). Their section has been carefully designed to allow for automatic setting and positioning. This allows for constant tool precision throughout, excluding the use of positioning gauges (thus eliminating all checking procedures).

3. The fixing wedges' profile enhances chip evacuation. The wedge also has two or more finely ground link-pins that radially guide it whilst avoiding it to move sideways.

4. The springs used for the pre-fixing-load are lodged within the cutterhead, these will move the wedge and bring it into position and fix it simultaneously once the knives have been replaced.

5. The driving screw operating on the wedge releases the system allowing for simple and fast cutter replacement. When loosened the system will automatically precisely and safely fix itself.

6. The wedge's special profile allows for fast and efficient chip evacuation (see point 2), and moreover to use these tools on automatic planing machines with high feed rates and very deep chip removal.

7. The **SPLANÂ™** patented system has been designed in adherence to the EN 847/1 European norm: the number of components has in fact been reduced to a minimum. Tool rotation will ensure a perfect fix: the centrifugal force exerted during the process will stop the wedge from falling out of its pocket.

TCP09

MEC | HS | HW



Adatto per CNC

Appropriée pour le CNC

SPLANÂ™ Testa pialla ad alto rendimento con coltelli profilati (opzionali)

SPLANÂ™ High performance planing head with profiled knives (optional)

Testa a piallare in lega leggera con coltelli reversibili intercambiabili in HS combinati con coltelli sagomati registrabili in HW. Indicata per lavorazioni di piallatura e contemporaneamente di profilatura/smussatura di legni teneri e duri, su scorniciatrici e profilatrici automatiche. I coltelli sagomati in HW sono registrabili su tutta la lunghezza dell'utensile. L'utensile può montare indifferentemente coltelli in acciaio HS o in HW integrale. Coltelli in HW disponibili su richiesta.

Corpo in alluminio. **Prezzo testa con coltelli a piallare in HS inclusi. Inserti non compresi nel prezzo.**

Light alloy planing cutter head fitted with HS reversible knives combined with adjustable profiled carbide knives. Suitable for planing and profiling on automated moulding- and profiling machines in one single working step. The profiled knives are adjustable along the entire width of the tool. Planers fitted with HS planing knives, HW execution on request.

*Aluminium body. **HS planer knives included, inserts on request.***

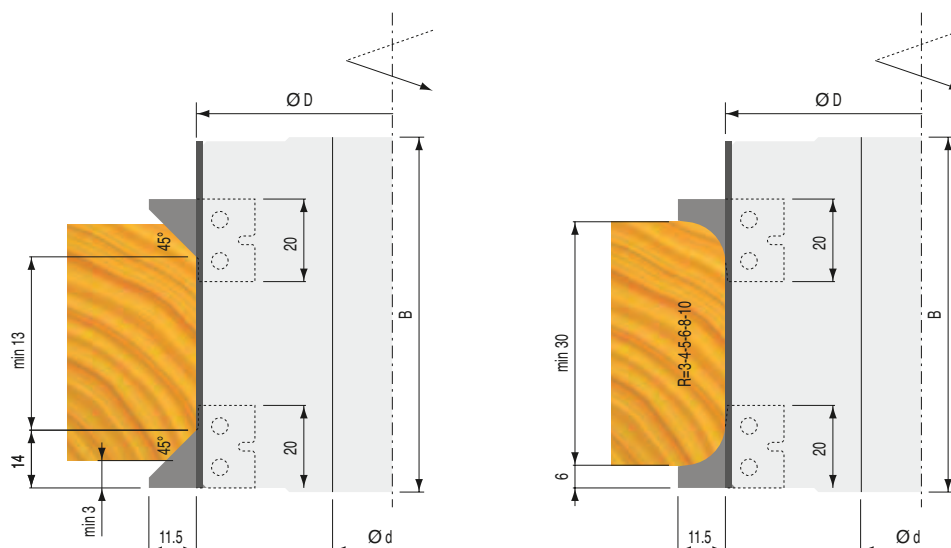
Corpo in alluminio. MEC - Z=4 - HS (Opzione coltelli in HW). Inserti HW non inclusi
Light alloy body. MEC - Z=4 - HS (HW optional knives). HW inserts not included

Ø D (mm)	B (mm)	d (mm)	Z	I (optional)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	130	40	4	2+2	7500	TCP09.125C.A130	●	AF 1268
125	130	50	4	2+2	7500	TCP09.125D.A130	●	AF 1353
125	180	40	4	2+2	7500	TCP09.125C.A180	●	AF 2081
125	180	50	4	2+2	7500	TCP09.125D.A180	●	AF 2165
125	230	40	4	2+2	7500	TCP09.125C.A230	●	AF 1873
125	230	50	4	2+2	7500	TCP09.125D.A230	●	AF 2042
125	240	40	4	2+2	7500	TCP09.125C.A240	●	AF 2592
125	240	50	4	2+2	7500	TCP09.125D.A240	●	AF 2677
140	130	40	4	2+2	7000	TCP09.140C.A130	●	AF 1846
140	130	50	4	2+2	7000	TCP09.140D.A130	●	AF 1932
140	180	40	4	2+2	7000	TCP09.140C.A180	●	AF 2243
140	180	50	4	2+2	7000	TCP09.140D.A180	●	AF 2328
140	230	40	4	2+2	7000	TCP09.140C.A230	●	AF 2711
140	230	50	4	2+2	7000	TCP09.140D.A230	●	AF 2796
140	240	40	4	2+2	7000	TCP09.140C.A240	●	AF 2786
140	240	50	4	2+2	7000	TCP09.140D.A240	●	AF 2872

Altre misure disponibili su richiesta | Other dimensions available on request

Per coltelli di ricambio vedere pagg. 9 e 51 | For spare knives see pages 9 and 51

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



SPLANÂ™:

Verbo tratto dal dialetto locale "furlan" della regione Friuli -Venezia Giulia che significa piallare, spianare una superficie.

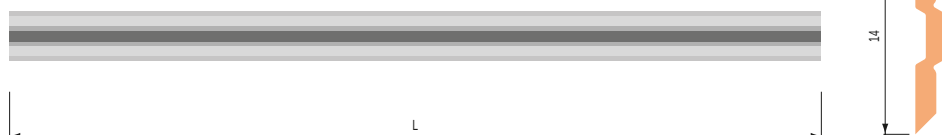
Verb taken from the local dialect "furlan" of Friuli - Venezia Giulia region in North-East of Italy, which means planing, leveling a surface.

Profili standard

Standard profiles

Tasselli Wedges	Controcoltelli Backing plates	Coltelli HW HW knives
 TRF07.3000.0050 Per il calcolo del prezzo. Ogni singolo blocchetto tagliente è così composto: 1 coltello 1 controcoltello 1 tassello <i>For price calculation: Every adjustable profiled knife group includes 1 knife 1 backing plate 1 wedge</i>	 Art. Nr.	 Art. Nr.
	 TRF07.CC015003	 TRF06.4560.8015 45°
	 TRF07.CC015004	 TRF06.4560.8016 45°
	 TRF07.CC015001	 TRF06.R360.1801 R-3 TRF06.R460.1803 R-4 TRF06.R560.1805 R-5 TRF06.R660.1807 R-6 TRF06.R860.1809 R-8 TRF06.R010.1811 R-10
	 TRF07.CC015002	 TRF06.R360.1802 R-3 TRF06.R460.1804 R-4 TRF06.R560.1806 R-5 TRF06.R660.1808 R-6 TRF06.R860.1810 R-8 TRF06.R010.1812 R-10

SPLANÂ™ Coltelli pialla | Planing knives



HS M42

L mm	Art. Nr.	Disp./Avail.
80	TRF03.HS14.0080	●
100	TRF03.HS14.0100	●
120	TRF03.HS14.0120	●
130	TRF03.HS14.0130	●
140	TRF03.HS14.0140	●
150	TRF03.HS14.0150	●
160	TRF03.HS14.0160	●
170	TRF03.HS14.0170	●
180	TRF03.HS14.0180	●
190	TRF03.HS14.0190	●
200	TRF03.HS14.0200	●
220	TRF03.HS14.0220	●
230	TRF03.HS14.0230	●
240	TRF03.HS14.0240	●
250	TRF03.HS14.0250	●

HW

L mm	Art. Nr.	Disp./Avail.
80	TRF03.HW14.0080	●
100	TRF03.HW14.0100	●
120	TRF03.HW14.0120	●
130	TRF03.HW14.0130	●
140	TRF03.HW14.0140	●
150	TRF03.HW14.0150	●
160	TRF03.HW14.0160	●
170	TRF03.HW14.0170	●
180	TRF03.HW14.0180	●
190	TRF03.HW14.0190	●
200	TRF03.HW14.0200	●
220	TRF03.HW14.0220	●
230	TRF03.HW14.0230	●
240	TRF03.HW14.0240	●
250	TRF03.HW14.0250	●

TCP06/4

MEC | HW



Testa rasante con coltelli reversibili

Reference cutter head

Testa rasante con coltelli reversibili per art. TCP03/1 e TCP03/2. SISTEMA DI PRE-RADDRIZZAMENTO IN INGRESSO. Le facce del pezzo lavorato (1) risultano perfettamente ortogonali grazie all'utilizzo combinato della testa rasante (2) con l'utensile a piallare (3). La testa rasante crea una lavorazione perpendicolare al piano di lavoro ottenendo così 2 lati a 90° che saranno di riferimento per le lavorazioni a seguire.

Rebating cutter head with TC-reversible knives for use in combination with planning cutters TCP03/1 and TCP03/2. A 90° angle is obtained on the planned work piece (1) for perfect guidance (2 and 3) along successive milling operations. Steel body execution, suitable for mechanical feed.

MEC - Z=2/4 - HW

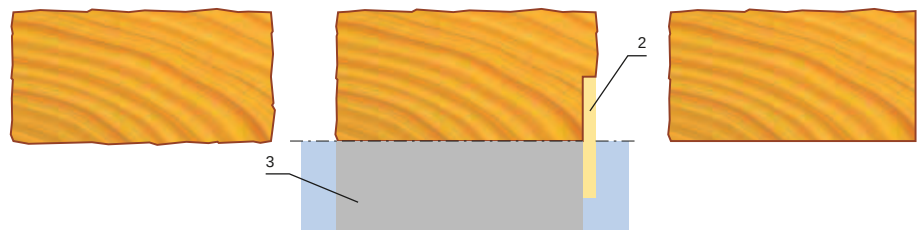
Ø D (mm)	B (mm)	d (mm)	Z	V	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
120	12	40	2	2	10000	TCP06.120C.S001	●	AF 715
120	12	40	4	4	10000	TCP06.120C.S002	●	AF 715
125	12	40	2	2	10000	TCP06.125C.S001	●	AF 715
125	12	40	4	4	10000	TCP06.125C.S002	●	AF 715
145	12	40	2	2	9000	TCP06.145C.S001	●	AF 922
145	12	50	2	2	9000	TCP06.145D.S001	●	AF 1007
150	12	40	4	4	8500	TCP06.150C.S001	●	AF 922
150	12	50	4	4	8500	TCP06.150D.S001	●	AF 1007
160	12	40	4	4	8000	TCP06.160C.S001	●	AF 932
160	12	50	4	4	8000	TCP06.160D.S001	●	AF 1017
165	12	40	4	4	8000	TCP06.165C.S001	●	AF 932
165	12	50	4	4	8000	TCP06.165D.S001	●	AF 1017

Altre misure disponibili su richiesta | Other dimensions available on request
 Per coltelli di ricambio vedere pagg. 46-47 | For spare knives see pages 46-47
 ● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

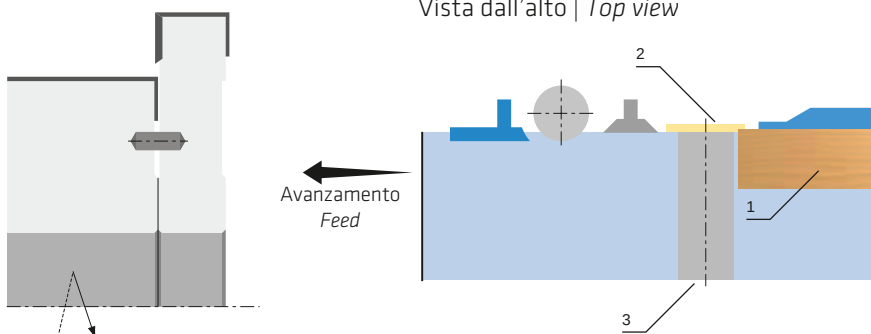
Pezzo grezzo
Work-piece

Pezzo durante la lavorazione
Work-piece during process

Pezzo lavorato
Finished work-piece



Vista dall'alto | Top view



BULLDOZER™ Garniga Testa pialla ad alto rendimento - Alluminio

BULLDOZER™ Garniga High performance planing head - Aluminium

TCP07/1

MEC | HW

Testa a piallare con coltelli Bulldozer™ reversibili intercambiabili adatta per lavorare legni teneri e duri, su scorriciatrici e profilatrici automaniche. Alte prestazioni, precisione e flessibilità fanno di questo utensile un vero "Bulldozer" in fatto di piallatura. I coltelli sono disponibili solo in HW e consentono di soddisfare le più ampie esigenze in campo di finitura e durata del tagliente. Il costo ridotto del tagliente va ulteriormente a vantaggio di questo utensile che elimina le rigature presenti in altre tipologie di teste combinate, elicoidali e similari.

Prezzo testa con coltelli in HW inclusi.

Planing cutterhead in light alloy execution (steel on request) fitted with HW planing knives Bulldozer™, suitable for working on soft and hard wood material and on moulder machine and automatic profiling machines. High performance, precision and versatility make this tool a real "performer" in the world of planing. HW knives are available to cover the widest variety of woods. The low cost of knives is another advantage. Yet another is the fact that this exceptional tool eliminates the lining defects frequently left by traditional combination, helical or other type of planing heads.

HW planer knives included.

MEC - Z=4 - HW

Corpo in alluminio | Light alloy body

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	100	40	4	10000	TCP07.125C.A100	●	AF 916
125	100	50	4	10000	TCP07.125D.A100	●	AF 1014
125	120	40	4	10000	TCP07.125C.A120	●	AF 1137
125	120	50	4	10000	TCP07.125D.A120	●	AF 1214
125	130	40	4	10000	TCP07.125C.A130	●	AF 1226
125	130	50	4	10000	TCP07.125D.A130	●	AF 1318
125	150	40	4	10000	TCP07.125C.A150	●	AF 1306
125	150	50	4	10000	TCP07.125D.A150	●	AF 1352
125	160	40	4	10000	TCP07.125C.A160	●	AF 1383
125	160	50	4	10000	TCP07.125D.A160	●	AF 1459
125	180	40	4	10000	TCP07.125C.A180	●	AF 1429
125	180	50	4	10000	TCP07.125D.A180	●	AF 1506
125	190	40	4	10000	TCP07.125C.A190	●	AF 1690
125	190	50	4	10000	TCP07.125D.A190	●	AF 1767
125	200	40	4	10000	TCP07.125C.A200	●	AF 1859
125	200	50	4	10000	TCP07.125D.A200	●	AF 1936
125	220	40	4	10000	TCP07.125C.A220	●	AF 1966
125	220	50	4	10000	TCP07.125D.A220	●	AF 2043
125	230	40	4	10000	TCP07.125C.A230	●	AF 2135
125	230	50	4	10000	TCP07.125D.A230	●	AF 2212
125	240	40	4	10000	TCP07.125C.A240	●	AF 2228
125	240	50	4	10000	TCP07.125D.A240	●	AF 2304
125	250	40	4	10000	TCP07.125C.A250	●	AF 2450
125	250	50	4	10000	TCP07.125D.A250	●	AF 2535
125	260	40	4	10000	TCP07.125C.A260	●	AF 2696
125	260	50	4	10000	TCP07.125D.A260	●	AF 2788

Altre misure disponibili su richiesta | Other dimensions available on request

Per coltelli di ricambio vedere pag. 51 | For spare knives see page 51

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà minima / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M6	16	10	TRF08.M6ES.0016	●	BG3 44

Quantità minime d'ordine | Minimum order quantities



BULLDOZER™:

Definizione iconica del sistema di piallatura ad alto rendimento introdotto sul mercato nel 1995 dalla ditta Garniga, ancora oggi sinonimo di qualità della finitura e di durata del tagliente sui più svariati tipo di legno. Iconic definition of the high-performance planing system introduced in 1995 by the company Garniga, still synonym of finishing quality and long life of knives on a wide variety of wood.

TCP07/2

MEC | HW

BULLDOZER™ Garniga Testa pialla ad alto rendimento - Acciaio BULLDOZER™ Garniga High performance planing head - Steel



MEC - Z=4 - HW Corpo in acciaio | Steel body

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	100	40	4	10000	TCP07.125C.S100	●	AF 1091
125	100	50	4	10000	TCP07.125D.S100	●	AF 1168
125	120	40	4	10000	TCP07.125C.S120	●	AF 1306
125	120	50	4	10000	TCP07.125D.S120	●	AF 1383
125	130	40	4	10000	TCP07.125C.S130	●	AF 1398
125	130	50	4	10000	TCP07.125D.S130	●	AF 1475
125	150	40	4	10000	TCP07.125C.S150	●	AF 1628
125	150	50	4	10000	TCP07.125D.S150	●	AF 1705
125	160	40	4	10000	TCP07.125C.S160	●	AF 1859
125	160	50	4	10000	TCP07.125D.S160	●	AF 1936
125	180	40	4	10000	TCP07.125C.S180	●	AF 1951
125	180	50	4	10000	TCP07.125D.S180	●	AF 2028
125	190	40	4	10000	TCP07.125C.S190	●	AF 2043
125	190	50	4	10000	TCP07.125D.S190	●	AF 2120
125	200	40	4	10000	TCP07.125C.S200	●	AF 2151
125	200	50	4	10000	TCP07.125D.S200	●	AF 2228
125	220	40	4	10000	TCP07.125C.S220	●	AF 2366
125	220	50	4	10000	TCP07.125D.S220	●	AF 2443
125	230	40	4	10000	TCP07.125C.S230	●	AF 2473
125	230	50	4	10000	TCP07.125D.S230	●	AF 2550
125	240	40	4	10000	TCP07.125C.S240	●	AF 2581
125	240	50	4	10000	TCP07.125D.S240	●	AF 2658

Altre misure disponibili su richiesta | Other dimensions available on request

Per coltelli di ricambio vedere pag. 51 | For spare knives see page 51

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà minima / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M6	16	10	TRF08.M6ES.0016	●	BG3 44

Quantità minime d'ordine | Minimum order quantities

BULLDOZER™:

Definizione iconica del sistema di piallatura ad alto rendimento introdotto sul mercato nel 1995 dalla ditta Garniga, ancora oggi sinonimo di qualità della finitura e di durata del tagliente sui più svariati tipo di legno.

Iconic definition of the high-performance planing system introduced in 1995 by the company Garniga, still synonym of finishing quality and long life of knives on a wide variety of wood.

RABÒT™ Testa pialla ad alto rendimento - Alluminio

RABÒT™ High performance planing head - Aluminium

TCP08/1

MEC | HS

Testa a piallare in alluminio con coltelli reversibili intercambiabili tipo Centrolock adatta per lavorare legni teneri e duri, truciolari e compositi, su scorniciatrici e profilatrici automatiche. Alte prestazioni, precisione e flessibilità fanno di questo utensile un vero "specialista" in fatto di piallatura. I coltelli sono disponibili in HS 18% e su richiesta in HW e consentono di soddisfare le più ampie esigenze in campo di finitura e durata del tagliente. Il costo ridotto del tagliente va ulteriormente a vantaggio di questo utensile che elimina le rigature presenti in altri tipologie di teste combinate, elicoidali e similari. **Prezzo testa con coltelli in HS inclusi.**

*Planing cutterhead in light alloy execution (steel on request) fitted with HS planing knives Centrolock system (HW on request), suitable for working on soft and hard wood material, chipboards, on moulder machine and automatic profiling machines. High performance, precision and versatility make this tool a real "performer" in the world of planing. HS 18% knives are available to cover the widest variety of woods. The low cost of knives is another advantage. Yet another is the fact that this exceptional tool eliminates the lining defects frequently left by traditional combination, helical or other type of planing heads. **HS planer knives included.***

Corpo in alluminio | Light alloy body

MEC - Z=4 - HS (Opzione coltelli in HW | HW optional knives)

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	100	40	4	10000	TCP08.125C.A100	●	AF 1172
125	100	50	4	10000	TCP08.125D.A100	●	AF 1257
125	130	40	4	10000	TCP08.125C.A130	●	AF 1207
125	130	50	4	10000	TCP08.125D.A130	●	AF 1291
125	150	40	4	10000	TCP08.125C.A150	●	AF 1511
125	150	50	4	10000	TCP08.125D.A150	●	AF 1596
125	160	40	4	10000	TCP08.125C.A160	●	AF 1817
125	160	50	4	10000	TCP08.125D.A160	●	AF 1902
125	180	40	4	10000	TCP08.125C.A180	●	AF 1673
125	180	50	4	10000	TCP08.125D.A180	●	AF 1758
125	190	40	4	10000	TCP08.125C.A190	●	AF 1953
125	190	50	4	10000	TCP08.125D.A190	●	AF 2038
125	210	40	4	10000	TCP08.125C.A210	●	AF 1817
125	210	50	4	10000	TCP08.125D.A210	●	AF 1902
125	230	40	4	10000	TCP08.125C.A230	●	AF 1648
125	230	50	4	10000	TCP08.125D.A230	●	AF 1732
125	240	40	4	10000	TCP08.125C.A240	●	AF 1869
125	240	50	4	10000	TCP08.125D.A240	●	AF 1953
125	260	40	4	10000	TCP08.125C.A260	●	AF 2377
125	260	50	4	10000	TCP08.125D.A260	●	AF 2462
125	270	40	4	10000	TCP08.125C.A270	●	AF 2504
125	270	50	4	10000	TCP08.125D.A270	●	AF 2589
140	100	40	4	9000	TCP08.140C.A100	●	AF 1401
140	100	50	4	9000	TCP08.140D.A100	●	AF 1486
140	130	40	4	9000	TCP08.140C.A130	●	AF 1427
140	130	50	4	9000	TCP08.140D.A130	●	AF 1511
140	160	40	4	9000	TCP08.140C.A160	●	AF 1682
140	160	50	4	9000	TCP08.140D.A160	●	AF 1767
140	180	40	4	9000	TCP08.140C.A180	●	AF 1842
140	180	50	4	9000	TCP08.140D.A180	●	AF 1927
140	230	40	4	9000	TCP08.140C.A230	●	AF 1911
140	230	50	4	9000	TCP08.140D.A230	●	AF 1996
140	240	40	4	9000	TCP08.140C.A240	●	AF 2148
140	240	50	4	9000	TCP08.140D.A240	●	AF 2233

Altre misure disponibili su richiesta | Other dimensions available on request

Per coltelli di ricambio vedere pag. 52 | For spare knives see page 52

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà minima / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M6	20	10	TRF08.M6VV.0069	●	BC3 39

Quantità minime d'ordine | Minimum order quantities

RABÒT™:

Termine tratto dal dialetto locale "piemontèis" della regione Piemonte che identifica un utensile a piallare usato dai falegnami locali.

Term taken from the local dialect "piemontèis" of Piemonte region in North-West of Italy, which means a particular planer tool used by local carpenters.



TCP08/2

MEC | HS

RABÒT™ Testa pialla ad alto rendimento - Acciaio

RABÒT™ High performance planing head - Steel

Corpo in acciaio | *Steel body*MEC - Z=4 - HS (Opzione coltelli in HW | *HW optional knives*)

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	100	40	4	10000	TCP08.125C.S100	●	AF 1172
125	100	50	4	10000	TCP08.125D.S100	●	AF 1257
125	130	40	4	10000	TCP08.125C.S130	●	AF 1207
125	130	50	4	10000	TCP08.125D.S130	●	AF 1291
125	150	40	4	10000	TCP08.125C.S150	●	AF 1511
125	150	50	4	10000	TCP08.125D.S150	●	AF 1596
125	160	40	4	10000	TCP08.125C.S160	●	AF 1817
125	160	50	4	10000	TCP08.125D.S160	●	AF 1902
125	180	40	4	10000	TCP08.125C.S180	●	AF 1673
125	180	50	4	10000	TCP08.125D.S180	●	AF 1758
125	190	40	4	10000	TCP08.125C.S190	●	AF 1953
125	190	50	4	10000	TCP08.125D.S190	●	AF 2038
125	210	40	4	10000	TCP08.125C.S210	●	AF 1817
125	210	50	4	10000	TCP08.125D.S210	●	AF 1902
125	230	40	4	10000	TCP08.125C.S230	●	AF 1648
125	230	50	4	10000	TCP08.125D.S230	●	AF 1732
125	240	40	4	10000	TCP08.125C.S240	●	AF 1869
125	240	50	4	10000	TCP08.125D.S240	●	AF 1953
125	260	40	4	10000	TCP08.125C.S260	●	AF 2377
125	260	50	4	10000	TCP08.125D.S260	●	AF 2462
125	270	40	4	10000	TCP08.125C.S270	●	AF 2504
125	270	50	4	10000	TCP08.125D.S270	●	AF 2589
140	100	40	4	9000	TCP08.140C.S100	●	AF 1401
140	100	50	4	9000	TCP08.140D.S100	●	AF 1486
140	130	40	4	9000	TCP08.140C.S130	●	AF 1427
140	130	50	4	9000	TCP08.140D.S130	●	AF 1511
140	160	40	4	9000	TCP08.140C.S160	●	AF 1682
140	160	50	4	9000	TCP08.140D.S160	●	AF 1767
140	180	40	4	9000	TCP08.140C.S180	●	AF 1842
140	180	50	4	9000	TCP08.140D.S180	●	AF 1927
140	230	40	4	9000	TCP08.140C.S230	●	AF 1911
140	230	50	4	9000	TCP08.140D.S230	●	AF 1996
140	240	40	4	9000	TCP08.140C.S240	●	AF 2148
140	240	50	4	9000	TCP08.140D.S240	●	AF 2233

Altre misure disponibili su richiesta | *Other dimensions available on request*Per coltelli di ricambio vedere pag. 52 | *For spare knives see page 52*● ● ● Per disponibilità vedi pag. 3 | *For availability see page 3*

Parti ricambio | *Spare parts*

Tipo / Type	B (mm)	W (mm)	Q.tà minima / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M6	20	10	TRF08.M6WV.0069	●	BG3 39

Quantità minime d'ordine | *Minimum order quantities*

RABÒT™:

Termine tratto dal dialetto locale "piemontèis" della regione Piemonte che identifica un utensile a piallare usato dai falegnami locali.

Term taken from the local dialect "piemontèis" of Piemonte region in North-West of Italy, which means a particular planer tool used by local carpenters.

Testa portacoltelli zigrinati

Serrated knife cutter head

TCP06/1

MEC

Testa in acciaio a 2 o 4 taglienti da equipaggiare con coltelli in HS di spessore 8 mm. Il sistema di bloccaggio dei coltelli e la loro zigrinatura sul dorso, assicurano un perfetto posizionamento. L'utensile viene fornito **senza i coltelli**, questi ultimi sono elencati nell'apposita tabella e vengono profilati a richiesta e su preventivo. La testa può essere equipaggiata anche con coltelli in HW.

Angoli di taglio: 23°. Possiamo fornire a richiesta altre dimensioni fino a 680 mm di lunghezza.

Steel body to be fitted with 2 or 4 (profiled) serrated back HS- or HW-knives, tool supplied **without knives**, blanks and/or profiled knives on request, suitable for mechanical feed only.

Rake angles: 23°. Other dimensions up to 680 mm length on request



MEC - Z=2/4 - (Coltelli non inclusi | Blank knives not included)

Ø D (mm)	B (mm)	d (mm)	Z	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
122	40	40	2	TCP06.122C.0001	●	AF 457
122	40	40	4	TCP06.122C.0002	●	AF 457
122	60	40	4	TCP06.122C.0003	●	AF 521
122	80	40	4	TCP06.122C.0004	●	AF 630
122	100	40	4	TCP06.122C.0005	●	AF 696
122	130	40	4	TCP06.122C.0006	●	AF 817
122	150	40	4	TCP06.122C.0007	●	AF 927
122	180	40	4	TCP06.122C.0008	●	AF 1029
122	230	40	4	TCP06.122C.0009	●	AF 1272
137	50	50	4	TCP06.137D.0001	●	AF 546
137	60	50	4	TCP06.137D.0002	●	AF 578
137	80	50	4	TCP06.137D.0003	●	AF 691
137	100	50	4	TCP06.137D.0004	●	AF 760
137	130	50	4	TCP06.137D.0005	●	AF 892
137	150	50	4	TCP06.137D.0006	●	AF 1007
137	180	50	4	TCP06.137D.0007	●	AF 1109
137	230	50	4	TCP06.137D.0008	●	AF 1622

Altre misure disponibili su richiesta | Other dimensions available on request

Per coltelli grezzi (non inclusi) da utilizzare vedere pag. 53 | For blank spare knives (not included) see page 53

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Parti ricambio | Spare parts

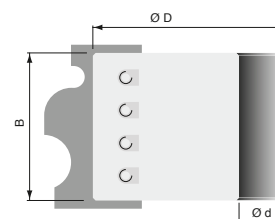
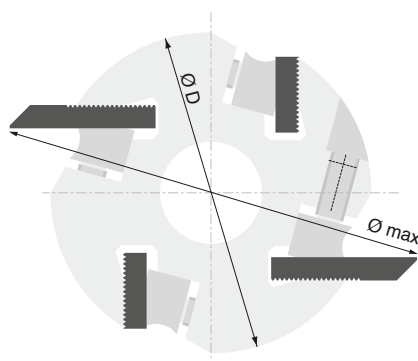
Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M10	20	10	TRF08.M105.1305	●	BC3 51

Quantità minime d'ordine | Minimum order quantities

Diam. massimo | Max. diameter:

Ø D mm	h Messer	Ø max*	RPM max
122	50	155	8100
122	60	174	7200
122	70	193	6500
137	50	170	7400
137	60	189	6600
137	70	208	6000

* Con coltelli grezzi | With blank knife



TCP05

MEC | HW

Testa pialla modulare

Assembly system planing cutter

Teste componibili con coltellini in HW reversibili per piallatura e utilizzabili sia su alberi orizzontali sia su alberi verticali. L'altezza di taglio di ogni singola testa è di 30 mm o 50 mm. L'accoppiamento avviene in maniera automatica per mezzo di un trascinamento ricavato sull'utensile.

Planing cutters in steel execution, 30 mm or 50 mm fitted with TC-standard reversible knives, can be assembled individually to the required cutting width in planing and moulding machines, interlocking recess to avoid torsion, suitable for mechanical feed.



Corpo in acciaio | Steel body MEC - Z=4 - HW

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	30	40	4	11500	TCP05.125C.30Z4	●	AF 479
125	30	50	4	11500	TCP05.125D.30Z4	●	AF 564
125	50	40	4	11500	TCP05.125C.50Z4	●	AF 554
125	50	50	4	11500	TCP05.125D.50Z4	●	AF 640

Altre misure disponibili su richiesta | Other dimensions available on request
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Coltelli/inserti ricambio | Spare knives/inserts

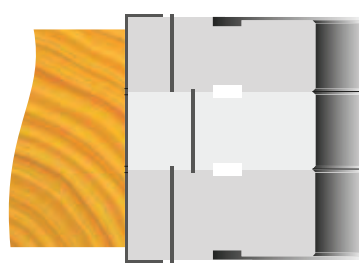
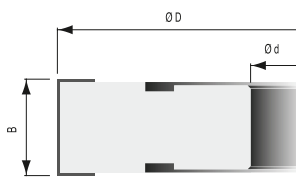
B (mm)	W (mm)	Sp (mm)	Z	Q.tà min. / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
30	12	2	2	10	TRF01.1215.A030	●	BF0 70
50	12	2	2	10	TRF01.1215.A050	●	BF0 99

Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	S (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Tassello / wedge	26	10	8,3	4	TRF07.3500.0007	●	B 429
Tassello / wedge	46	10	8,3	4	TRF07.3500.0009	●	B 462
Vite / screw	M7	21		10	TRF08.M750.2402	●	BG3 208

Quantità minime d'ordine | Minimum order quantities



ORA™ Testa elicoidale a pre-piallare

ORA™ Helical pre-planing cutter head

Testa elicoidale per medie finiture con corpo in acciaio o lega leggera equipaggiata di coltelli 14x14x2 in HW con quattro lati taglienti particolarmente adatta per grosse asportazioni. Le teste possono essere fornite di rasanti su uno o sui due lati. Il prezzo verrà aumentato in base al numero di rasanti montati. Possono essere costruite teste speciali fino ad un diametro massimo di 300 mm e un numero di 4-6-8-10 eliche.

Helical planing cutter in light alloy or steel execution, with standard TC knives 14 x 14 x 2 mm suitable for high feed rates and great removals, medium surface finishing in solid wood, available on demand with spurs for rebating, maximum diameter of 300 mm, maximum length of 680 mm with up to 10 helices on request.

Corpo in alluminio | Light alloy body

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
70	90	25	14	19000	TCP01.070G.A001	●	AF 1383
80	90	30	14	16700	TCP01.080A.A001	●	AF 1338
80	90	35	14	16700	TCP01.080B.A001	●	AF 1338
100	100	30	16	13300	TCP01.100A.A001	●	AF 1429
100	100	35	16	13300	TCP01.100B.A001	●	AF 1429
100	100	40	16	13300	TCP01.100C.A001	●	AF 1429
125	100	40	16	10600	TCP01.125C.A001	●	AF 1473
125	100	50	16	10600	TCP01.125D.A001	●	AF 1473
125	100	40	24	10600	TCP01.125C.A002	●	AF 1675
125	100	50	24	10600	TCP01.125D.A002	●	AF 1675
125	130	40	20	10600	TCP01.125C.A003	●	AF 1638
125	130	50	20	10600	TCP01.125D.A003	●	AF 1638
125	130	40	30	10600	TCP01.125C.A004	●	AF 1888
125	130	50	30	10600	TCP01.125D.A004	●	AF 1888
125	230	40	36	10600	TCP01.125C.A005	●	AF 2265
125	230	50	36	10600	TCP01.125D.A005	●	AF 2265
125	230	40	54	10600	TCP01.125C.A006	●	AF 2711
125	230	50	54	10600	TCP01.125D.A006	●	AF 2711
140	100	40	24	9500	TCP01.140C.A001	●	AF 1707
140	100	50	24	9500	TCP01.140D.A001	●	AF 1707
140	100	40	32	9500	TCP01.140C.A002	●	AF 1906
140	100	50	32	9500	TCP01.140D.A002	●	AF 1906
140	130	40	30	9500	TCP01.140C.A003	●	AF 1933
140	130	50	30	9500	TCP01.140D.A003	●	AF 1933
140	130	40	40	9500	TCP01.140C.A004	●	AF 2183
140	130	50	40	9500	TCP01.140D.A004	●	AF 2183
140	230	40	54	9500	TCP01.140C.A005	●	AF 2788
140	230	50	54	9500	TCP01.140D.A005	●	AF 2788
140	230	40	72	9500	TCP01.140C.A006	●	AF 3239
140	230	50	72	9500	TCP01.140D.A006	●	AF 3239

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Q.tà min. / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
14	14	2	4	10	TRF02.1420.G014	●	BF3 51

Ricambi disponibili su richiesta con rivestimento **NaDia** - DLC | Spare inserts available on request with **NaDia** coating DLC

Quantità minime d'ordine | Minimum order quantities

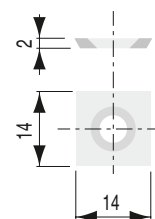
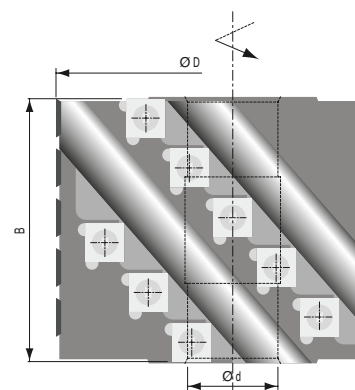
Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M5	14	10	TRF08.M550.0003	●	BG3 239

Quantità minime d'ordine | Minimum order quantities

TCP01/1

MEC | HW



Coltello | Knife

TRF02.1420.6014

ORA™:

Termine che identifica un vento, l'Ora del Garda, che soffia da sud verso nord, regolarmente nei pomeriggi estivi. È un vento tipico del lago di Garda che si propaga con forza nelle vallate limitrofe. È un vento famoso tra i velisti, amato soprattutto da chi pratica il windsurf e kitesurf.

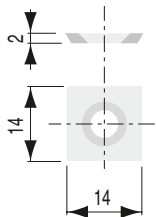
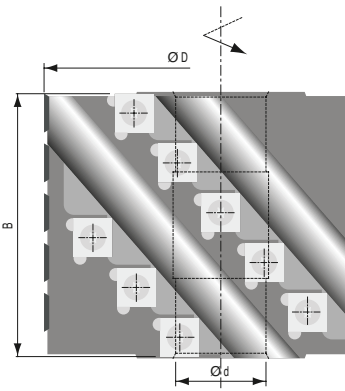
Term that identifies a wind, the "Ora of Garda lake", which blows from south to north, regularly on summer afternoons. It is a typical wind of Garda lake that spreads strongly in the nearby valleys. It is a famous wind among sailors, especially loved by windsurfers and kitesurfers.

TCP01/2

MEC | HW

ORA™ Testa elicoidale a pre-piallare

ORA™ Helical pre-planing cutter head



Coltello | Knife

TRF02.1420.6014

Corpo in acciaio | Steel body

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
70	90	25	14	19000	TCP01.070G.S001	●	AF 1358
80	90	30	14	16700	TCP01.080A.S001	●	AF 1318
80	90	35	14	16700	TCP01.080B.S001	●	AF 1318
100	100	30	16	13300	TCP01.100A.S001	●	AF 1398
100	100	35	16	13300	TCP01.100B.S001	●	AF 1398
100	100	40	16	13300	TCP01.100C.S001	●	AF 1398
125	100	40	16	10600	TCP01.125C.S001	●	AF 1425
125	100	50	16	10600	TCP01.125D.S001	●	AF 1425
125	100	40	24	10600	TCP01.125C.S002	●	AF 1623
125	100	50	24	10600	TCP01.125D.S002	●	AF 1623
125	130	40	20	10600	TCP01.125C.S003	●	AF 1584
125	130	50	20	10600	TCP01.125D.S003	●	AF 1584
125	130	40	30	10600	TCP01.125C.S004	●	AF 1831
125	130	50	30	10600	TCP01.125D.S004	●	AF 1831
125	230	40	36	10600	TCP01.125C.S005	●	AF 2180
125	230	50	36	10600	TCP01.125D.S005	●	AF 2180
125	230	40	54	10600	TCP01.125C.S006	●	AF 2627
125	230	50	54	10600	TCP01.125D.S006	●	AF 2627
140	100	40	24	9500	TCP01.140C.S001	●	AF 1645
140	100	50	24	9500	TCP01.140D.S001	●	AF 1645
140	100	40	32	9500	TCP01.140C.S002	●	AF 1849
140	100	50	32	9500	TCP01.140D.S002	●	AF 1849
140	130	40	30	9500	TCP01.140C.S003	●	AF 1866
140	130	50	30	9500	TCP01.140D.S003	●	AF 1866
140	130	40	40	9500	TCP01.140C.S004	●	AF 2115
140	130	50	40	9500	TCP01.140D.S004	●	AF 2115
140	230	40	54	9500	TCP01.140C.S005	●	AF 2689
140	230	50	54	9500	TCP01.140D.S005	●	AF 2689
140	230	40	72	9500	TCP01.140C.S006	●	AF 3135
140	230	50	72	9500	TCP01.140D.S006	●	AF 3135

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Q.tà min. / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
14	14	2	4	10	TRF02.1420.G014	●	BF3 51

Ricambi disponibili su richiesta con rivestimento **NaDia** - DLC | Spare inserts available on request with **NaDia** coating DLC

Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M5	14	10	TRF08.M550.0003	●	BG3 239

Quantità minime d'ordine | Minimum order quantities

ORA™:

Termine che identifica un vento, l'Ora del Garda, che soffia da sud verso nord, regolarmente nei pomeriggi estivi. È un vento tipico del lago di Garda che si propaga con forza nelle vallate limitrofe. È un vento famoso tra i velisti, amato soprattutto da chi pratica il windsurf e kitesurf.

Term that identifies a wind, the "Ora of Garda lake", which blows from south to north, regularly on summer afternoons. It is a typical wind of Garda lake that spreads strongly in the nearby valleys. It is a famous wind among sailors, especially loved by windsurfers and kitesurfers.

PELÈR™ Testa elicoidale a piallare

PELÈR™ Helical planing cutter head

Testa pialla elicoidale con corpo in acciaio o lega leggera equipaggiata di coltelli in HW 15x15x2,5 con quattro lati taglienti. L'angolo assiale permette di lavorare con elevato avanzamento. Particolarmente adatta per ottenere buone finiture. Le teste possono essere equipaggiate di rasanti su uno o due lati. Il prezzo varierà in base al numero di rasanti montati. Possono essere costruite teste speciali fino a un diametro massimo di 300 mm e un numero di 4-6-8-10 eliche.

Helical planing cutter in light alloy or steel execution, axial angle alignment of the knives 15 x 15 x 2,5 mm for reduced cutting pressure, suitable for high feed rates, for excellent surface finishing in solid wood, available on demand with spurs for rebating, maximum diameter of 300 mm, maximum length of 680 mm with up to 10 helices on request.

Corpo in alluminio | Light alloy body

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
70	80	25	14	19000	TCP10.070G.A002	●	AF 1473
80	80	30	14	16700	TCP10.080A.A002	●	AF 1429
80	80	35	14	16700	TCP10.080B.A002	●	AF 1429
100	100	30	16	13300	TCP10.100A.A002	●	AF 1552
100	100	35	16	13300	TCP10.100B.A002	●	AF 1552
100	100	40	16	13300	TCP10.100C.A002	●	AF 1552
125	100	40	16	10600	TCP10.125C.A007	●	AF 1592
125	100	50	16	10600	TCP10.125D.A007	●	AF 1592
125	100	40	24	10600	TCP10.125C.A008	●	AF 1888
125	100	50	24	10600	TCP10.125D.A008	●	AF 1888
125	130	40	22	10600	TCP10.125C.A009	●	AF 1852
125	130	50	22	10600	TCP10.125D.A009	●	AF 1852
125	130	40	33	10600	TCP10.125C.A010	●	AF 2038
125	130	50	33	10600	TCP10.125D.A010	●	AF 2038
125	230	40	38	10600	TCP10.125C.A011	●	AF 2574
125	230	50	38	10600	TCP10.125D.A011	●	AF 2574
125	230	40	57	10600	TCP10.125C.A012	●	AF 2693
125	230	50	57	10600	TCP10.125D.A012	●	AF 2693
140	100	40	24	9500	TCP10.140C.A007	●	AF 1874
140	100	50	24	9500	TCP10.140D.A007	●	AF 1874
140	100	40	32	9500	TCP10.140C.A008	●	AF 2156
140	100	50	32	9500	TCP10.140D.A008	●	AF 2156
140	130	40	33	9500	TCP10.140C.A009	●	AF 2237
140	130	50	33	9500	TCP10.140D.A009	●	AF 2237
140	130	40	44	9500	TCP10.140C.A010	●	AF 2616
140	130	50	44	9500	TCP10.140D.A010	●	AF 2616
140	230	40	56	9500	TCP10.140C.A011	●	AF 2647
140	230	50	56	9500	TCP10.140D.A011	●	AF 2647
140	230	40	76	9500	TCP10.140C.A012	●	AF 3902
140	230	50	76	9500	TCP10.140D.A012	●	AF 3902

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Q.tà min. / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
15	15	2	4	10	TRF02.1525.D001	●	BF3 126

Ricambi disponibili su richiesta con rivestimento **NaDia** - DLC | Spare inserts available on request with **NaDia** coating DLC

Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M5	14	10	TRF08.M550.0003	●	BG3 239

Quantità minime d'ordine | Minimum order quantities

PELÈR™:

Termine che identifica un vento, il "Re dei venti del Garda", che soffia da nord verso sud, regolarmente nelle mattine estive. È il vento del bel tempo e come per l'Ora è un vento famoso tra i velisti e a chi pratica il windsurf o kitesurf.

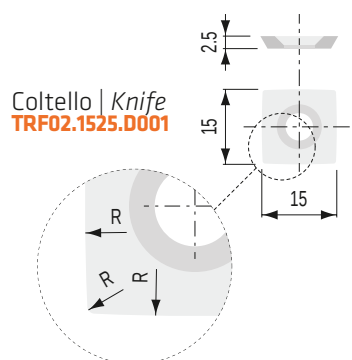
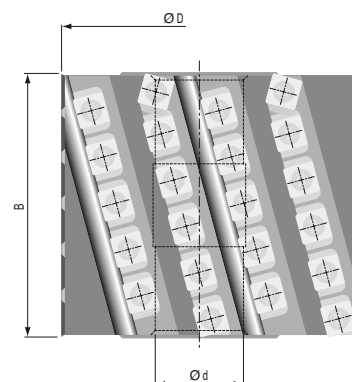
Term that identifies a wind, the "King of Garda lake", which blows from north to south, regularly on summer mornings. It is the wind of good weather and like for the "Ora wind", it is a famous wind between sailors and who practicing windsurfing or kitesurfing.

TCP10/1

MEC | HW



Adatto per CNC
Suitable for CNC



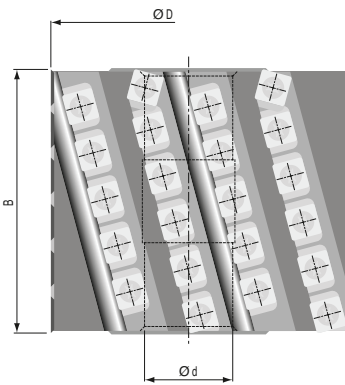
TCP10/2

MEC | HW

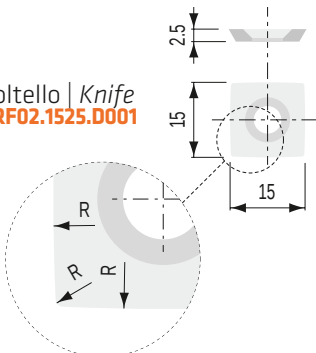
PELÈR™ Testa elicoidale a piallare PELÈR™ Helical planing cutter head



Adatto per CNC
Suitable for CNC



Coltello | Knife
TRF02.1525.D001



Corpo in acciaio | Steel body

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
70	80	25	14	19000	TCP10.070G.S002	●	AF 1451
80	80	30	14	16700	TCP10.080A.S002	●	AF 1402
80	80	35	14	16700	TCP10.080B.S002	●	AF 1402
100	100	30	16	13300	TCP10.100A.S002	●	AF 1517
100	100	35	16	13300	TCP10.100B.S002	●	AF 1517
100	100	40	16	13300	TCP10.100C.S002	●	AF 1517
125	100	40	16	10600	TCP10.125C.S007	●	AF 1539
125	100	50	16	10600	TCP10.125D.S007	●	AF 1539
125	100	40	24	10600	TCP10.125C.S008	●	AF 1831
125	100	50	24	10600	TCP10.125D.S008	●	AF 1831
125	130	40	22	10600	TCP10.125C.S009	●	AF 1792
125	130	50	22	10600	TCP10.125D.S009	●	AF 1792
125	130	40	33	10600	TCP10.125C.S010	●	AF 1978
125	130	50	33	10600	TCP10.125D.S010	●	AF 1978
125	230	40	38	10600	TCP10.125C.S011	●	AF 2486
125	230	50	38	10600	TCP10.125D.S011	●	AF 2486
125	230	40	57	10600	TCP10.125C.S012	●	AF 3087
125	230	50	57	10600	TCP10.125D.S012	●	AF 3087
140	100	40	24	9500	TCP10.140C.S007	●	AF 1818
140	100	50	24	9500	TCP10.140D.S007	●	AF 1818
140	100	40	32	9500	TCP10.140C.S008	●	AF 2088
140	100	50	32	9500	TCP10.140D.S008	●	AF 2088
140	130	40	33	9500	TCP10.140C.S009	●	AF 2172
140	130	50	33	9500	TCP10.140D.S009	●	AF 2172
140	130	40	44	9500	TCP10.140C.S010	●	AF 2539
140	130	50	44	9500	TCP10.140D.S010	●	AF 2539
140	230	40	56	9500	TCP10.140C.S011	●	AF 2556
140	230	50	56	9500	TCP10.140D.S011	●	AF 2556
140	230	40	76	9500	TCP10.140C.S012	●	AF 3781
140	230	50	76	9500	TCP10.140D.S012	●	AF 3781

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Q.tà min. / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
15	15	2	4	10	TRF02.1525.D001	●	BF3 126

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M5	14	10	TRF08.M550.0003	●	BC3 239

Quantità minime d'ordine | Minimum order quantities

PELÈR™:

Termine che identifica un vento, il "Re dei venti del Garda", che soffia da nord verso sud, regolarmente nelle mattine estive. È il vento del bel tempo e come per l'Ora è un vento famoso tra i velisti e a chi pratica il windsurf o kitesurf.

Term that identifies a wind, the "King of Garda lake", which blows from north to south, regularly on summer mornings. It is the wind of good weather and like for the "Ora wind", it is a famous wind between sailors and who practicing windsurfing or kitesurfing.

Testa portacoltelli per giunzioni tipo "finger joint"

Finger jointing cutter

Testa portacoltelli in acciaio ad alta resistenza a 4, 6 o 8 taglienti per eseguire giunzioni tipo "finger joint". Si tratta di un utensile componibile che permette di utilizzare più teste a seconda dello spessore del legno da lavorare. I coltelli sono intercambiabili e a profilo simmetrico. Le dimensioni delle giunzioni ottenibili sono: 4 mm, 4,5/5 mm, 10/10 mm, 10/11mm, 15/15 mm, 15/16,5 mm, 20/20 mm e 20/22 mm. I coltelli sono prodotti in HS trattati con un particolare rivestimento superficiale PVD che ne aumenta la durata fino a un 100% in più e in HW (solo per le dimensioni 10/10 mm e 10/11 mm). Le dimensioni dei coltelli 4,5/5 mm, 10/11 mm, 15/16,5 mm e 20/22 mm sono adatte per lavorazioni su macchine che utilizzano la lama ad intestare e su impianti specifici. I profili 15-15 e 20-20 sono adatti per macchine definite "compatte". L'utensile è adatto per eseguire giunzioni per utilizzi differenti, dalla produzione di profili lamellari in legno per serramenti ai semilavorati per arredamento. Con i profili più profondi (20/20 mm e 20/22 mm) si ottengono giunzioni per strutture portanti in legno lamellare (norme UNI 8922, DIN 68140 e DIN 1052), particolarmente adatte per grandi luci quali impianti sportivi, capannoni industriali, aree espositive, ponti ecc. In fase d'ordine specificare il tipo di macchina sulla quale gli utensili saranno montati.

High precision modular cutter system for longitudinal glue jointing (DIN 68140), optional with 4, 6 or 8 PVD-coated HS-knives for highly stressed structural components in engineered timber construction (DIN 1052), window tooling and laminar profiling. Cutters with steel body, locked against rotation, suitable for mechanical feed only.



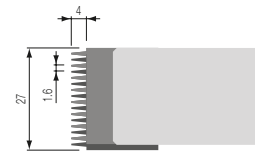
MEC

Corpo utensili esclusi coltelli | Cutter excluding knives

Corpo in acciaio | Steel body

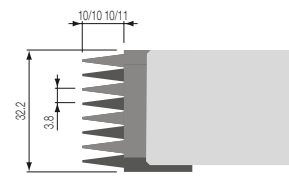
Tipo giunzione: 4mm | Joint type: 4mm

Ø D ₁ (mm)	Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
138	160	25,6	40	4	8000	TCJ02.160C.0001	●	AF 806
138	160	25,6	50	4	8000	TCJ02.160D.0001	●	AF 806
226	260	25,6	40	6	5500	TCJ02.250C.0001	●	AF 957
226	260	25,6	50	6	5500	TCJ02.250D.0001	●	AF 957
226	260	25,6	60	6	5500	TCJ02.250H.0001	●	AF 957



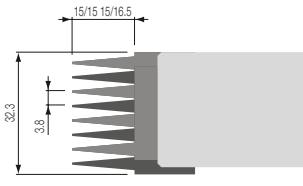
Tipo giunzione: 10/10 o 10/11mm | Joint type: 10/10 o 10/11mm

Ø D ₁ (mm)	Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
129	160	30,4	40	4	8500	TCJ02.160C.0002	●	AF 575
129	160	30,4	50	4	8500	TCJ02.160D.0002	●	AF 575
129	160	30,4	40	6	8500	TCJ02.160C.0003	●	AF 874
129	160	30,4	50	6	8500	TCJ02.160D.0003	●	AF 874
216	250	30,4	40	6	5500	TCJ02.250C.0002	●	AF 845
216	250	30,4	50	6	5500	TCJ02.250D.0002	●	AF 845
216	250	30,4	60	6	5500	TCJ02.250H.0002	●	AF 845
216	250	30,4	40	8	5500	TCJ02.250C.0003	●	AF 1342
216	250	30,4	50	8	5500	TCJ02.250D.0003	●	AF 1342
216	250	30,4	60	8	5500	TCJ02.250H.0003	●	AF 1342



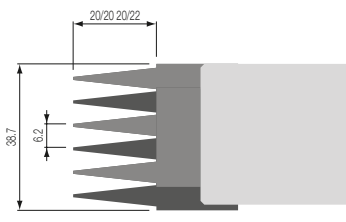
TCJ02/1

MEC



Tipo giunzione: 15/15 o 15/16,5mm | Joint type: 15/15 o 15/16,5mm

Ø D ₁ (mm)	Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
149	170	30,4	40	4	8000	TCJ02.170C.0001	●	AF 675
149	170	30,4	50	4	8000	TCJ02.170D.0001	●	AF 675
149	170	30,4	40	6	8000	TCJ02.170C.0002	●	AF 1028
149	170	30,4	50	6	8000	TCJ02.170D.0002	●	AF 1028
235	260	30,4	40	6	5200	TCJ02.260C.0001	●	AF 982
235	260	30,4	50	6	5200	TCJ02.260D.0001	●	AF 982
235	260	30,4	60	6	5200	TCJ02.260H.0001	●	AF 982
235	260	30,4	40	8	5200	TCJ02.260C.0002	●	AF 1399
235	260	30,4	50	8	5200	TCJ02.260D.0002	●	AF 1399
235	260	30,4	60	8	5200	TCJ02.260H.0002	●	AF 1399

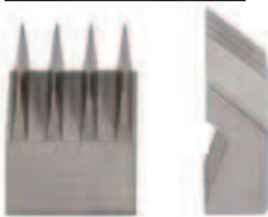
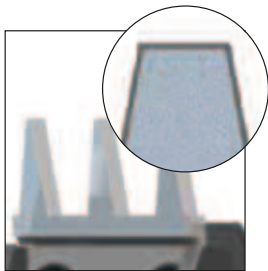


Tipo giunzione: 20/20 o 20/22mm | Joint type: 20/20 o 20/22mm

Ø D ₁ (mm)	Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
152	180	37,2	40	4	7500	TCJ02.180C.0001	●	AF 763
152	180	37,2	50	4	7500	TCJ02.180D.0001	●	AF 763
232	260	37,2	40	6	5200	TCJ02.260C.0003	●	AF 982
232	260	37,2	50	6	5200	TCJ02.260D.0003	●	AF 1004
232	260	37,2	60	6	5200	TCJ02.260H.0003	●	AF 982

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Coltelli/inserti ricambio | Spare knives/inserts

Coltelli in HS rivestiti PVD | HS-knives with PVD coating

Material	Lunghezza / Lenght (mm)	Passo / Pitch (mm)	B (mm)	W (mm)	Sp (mm)	Codice / Code	Disp. / Avail.	Cod. listino / Price code
HS-PVD	4	1,6	25,4	33,0	14	TRF05.CGMZ.0S31	●	BF2 1867
HS-PVD	10/10	3,8	28,4	38,5	14	TRF05.CGMZ.0S62	●	BF2 1867
HS-PVD	10/11	3,8	28,4	38,5	14	TRF05.CGMZ.0S63	●	BF2 1867
HS-PVD	15/15	3,8	28,4	38,5	14	TRF05.CGMZ.0S64	●	BF2 2872
HS-PVD	15/16,5	3,8	28,4	38,5	14	TRF05.CGMZ.0S65	●	BF2 2872
HS-PVD	20/20	6,2	32,5	48,5	14	TRF05.CGMZ.0S66	●	BF2 3185
HS-PVD	20/22	6,2	32,5	48,5	14	TRF05.CGMZ.0S67	●	BF2 3185

Coltelli/inserti ricambio | Spare knives/inserts

Coltelli in HS rivestiti PVD | HS-knives with PVD coating

Material	Lunghezza / Lenght (mm)	Passo / Pitch (mm)	B (mm)	W (mm)	Sp (mm)	Codice / Code	Disp. / Avail.	Cod. listino / Price code
HW	10/10	3,8	28,4	38,5	14	TRF05.CGMZ.0M62	●	BF2 5809
HW	10/11	3,8	28,4	38,5	14	TRF05.CGMZ.0M63	●	BF2 5809

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M8	20	10	TRF08.M850.1404	●	BC3 200

Quantità minime d'ordine | Minimum order quantities

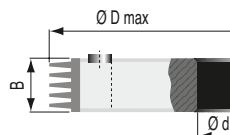
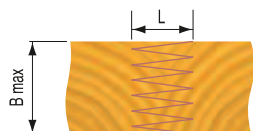
Testa portacoltelli per giunzioni tipo "finger joint"

Finger jointing cutter

TCJ02/1

MEC | HS | HW

Tabella per determinare il numero di teste da utilizzare in relazione allo spessore legno lavorato | *Choosing the correct cutter system*



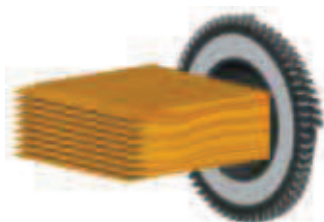
L mm	B max mm	Frese Cutters Nr.	Ø D mm	B mm
4/4 Passo Pitch 1,6 mm	25,2	1	160 (250)	27
	50,8	2	160 (250)	52,6
	76,4	3	160 (250)	78,2
	102	4	160 (250)	103,8
	127,6	5	160 (250)	129,4
	153,2	6	160 (250)	155
10/10 10/11 Passo Pitch 3,8 mm	29,8	1	160 (250)	32,2
	60,2	2	160 (250)	62,6
	90,6	3	160 (250)	93
	121	4	160 (250)	123,4
	151,4	5	160 (250)	153,8
	181,8	6	160 (250)	184,2
15/15 15/16,5 Passo Pitch 3,8 mm	212,2	7	160 (250)	214,6
	29,8	1	170 (260)	32,2
	60,2	2	170 (260)	62,6
	90,6	3	170 (260)	93
	121	4	170 (260)	123,4
	151,4	5	170 (260)	153,8
	181,8	6	170 (260)	184,2
	212,2	7	170 (260)	214,6
	242,6	8	170 (260)	245
	273	9	170 (260)	275,4
20/20 20/22 Passo Pitch 6,2 mm	303,4	10	170 (260)	305,8
	36,3	1	180 (260)	38,7
	73,5	2	180 (260)	75,9
	110,7	3	180 (260)	113,1
	147,9	4	180 (260)	150,3
	185,1	5	180 (260)	187,5
	222,3	6	180 (260)	224,7
	259,5	7	180 (260)	261,9
	296,7	8	180 (260)	299,1
	333,9	9	180 (260)	336,3



Per lavorazioni su macchine dotate di utensile ad intestare, in base al legno da lavorare e al dispositivo di pressatura, le giunzioni 4,5/5 mm, 10/11 mm, 15/16,5 mm e 20/22 mm, permettono di ottenere giunti a dita nel rispetto delle norme vigenti.

The knives with dimension 4,5/5 mm, 10/11 mm, 15/16,5 mm and 20/22 mm are usable on machines with cutt-off hogging set.

1ª fase: intestatura con gruppo truciolatore e regolazione della lunghezza del dente.
1st operation: butting with hogging unit and finger length setting.



2ª fase: esecuzione giunzione
2nd operation: jointing operation.



TCJ02/2

MEC | HS | HW

Teste modulari per giunzioni con inserto intercambiabile

Modular finger jointing cutter system

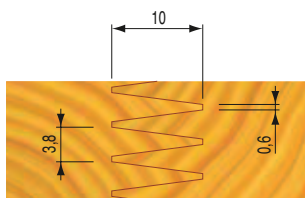
Teste in acciaio ad alta resistenza con inserti in HW per eseguire giunzioni tipo "finger joint" verticali e orizzontali profilo 10/11. L'utensile risulta molto versatile e garantisce un elevato rendimento sia nella lavorazione di legni teneri sia di quelli duri/esotici. Facile sostituzione e posizionamento dei coltelli, possibilità di riaffilatura (3,5 mm max), elevato rendimento sugli impianti industriali con basso consumo di energia e adatto unicamente all'utilizzo MEC.

Steel cutters mounted on coupling bush with Tungsten Carbide inserts for high-end horizontal and vertical profile 10/11 "finger"-type joints, usable on industrial finger joint lines, easy replacement and positioning of the TC-inserts, re-sharpening zone 3,5 mm, suitable for MEC feed only.



Corpo in acciaio | Steel body

Tipo giunzione: 10/10 o 10/11mm | Joint type: 10/10 o 10/11mm



Ø D (mm)	B (mm)	d (mm)	Z	Tipo forma / Shape type	N° utensile / Tool number	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
160	7,6	50	2+2	A	1	9000	TCJ02.160D.MA01	●	AF 1362
160	7,6	50	3+3	A	11	9000	TCJ02.160D.MA11	●	AF 1686
160	7,6	60	2+2	A	1	9000	TCJ02.160H.MA01	●	AF 1441
160	7,6	60	3+3	A	11	9000	TCJ02.160H.MA11	●	AF 1765
160	7,6	70	2+2	A	1	9000	TCJ02.160M.MA01	●	AF 1441
160	7,6	70	3+3	A	11	9000	TCJ02.160M.MA11	●	AF 1765
160	11,4	50	2+2+2	B	4	9000	TCJ02.160D.MB04	●	AF 1709
160	11,4	50	3+3+3	B	14	9000	TCJ02.160D.MB14	●	AF 2148
160	11,4	60	2+2+2	B	4	9000	TCJ02.160H.MB04	●	AF 1789
160	11,4	60	3+3+3	B	14	9000	TCJ02.160H.MB14	●	AF 2228
160	11,4	70	2+2+2	B	4	9000	TCJ02.160M.MB04	●	AF 1789
160	11,4	70	3+3+3	B	14	9000	TCJ02.160M.MB14	●	AF 2228
160	11,4	50	2+2	C	12	9000	TCJ02.160D.MC12	●	AF 1383
160	11,4	50	3+3	C	22	9000	TCJ02.160D.MC22	●	AF 1690
160	11,4	60	2+2	C	12	9000	TCJ02.160H.MC12	●	AF 1462
160	11,4	60	3+3	C	22	9000	TCJ02.160H.MC22	●	AF 1770
160	11,4	70	2+2	C	12	9000	TCJ02.160M.MC12	●	AF 1462
160	11,4	70	3+3	C	22	9000	TCJ02.160M.MC22	●	AF 1770
160	15,2	50	2+2+2	D	13	9000	TCJ02.160D.MD13	●	AF 1693
160	15,2	50	3+3+3	D	23	9000	TCJ02.160D.MD23	●	AF 2152
160	15,2	60	2+2+2	D	13	9000	TCJ02.160H.MD13	●	AF 1772
160	15,2	60	3+3+3	D	23	9000	TCJ02.160H.MD23	●	AF 2232
160	15,2	70	2+2+2	D	13	9000	TCJ02.160M.MD13	●	AF 1772
160	15,2	70	3+3+3	D	23	9000	TCJ02.160M.MD23	●	AF 2232
250	7,6	50	3+3	E	6	5500	TCJ02.250D.ME06	●	AF 1789
250	7,6	50	4+4	E	16	5500	TCJ02.250D.ME16	●	AF 2095
250	7,6	60	3+3	E	6	5500	TCJ02.250H.ME06	●	AF 1869
250	7,6	60	4+4	E	16	5500	TCJ02.250H.ME16	●	AF 2175
250	7,6	70	3+3	E	6	5500	TCJ02.250M.ME06	●	AF 1869
250	7,6	70	4+4	E	16	5500	TCJ02.250M.ME16	●	AF 2175
250	11,4	50	3+3+3	F	9	5500	TCJ02.250D.MF09	●	AF 2282
250	11,4	50	4+4+4	F	19	5500	TCJ02.250D.MF19	●	AF 2721
250	11,4	50	5+5+5	F	29	5500	TCJ02.250D.MF29	●	AF 3179
250	11,4	60	3+3+3	F	9	5500	TCJ02.250H.MF09	●	AF 2362
250	11,4	60	4+4+4	F	19	5500	TCJ02.250H.MF19	●	AF 2799
250	11,4	60	5+5+5	F	29	5500	TCJ02.250H.MF29	●	AF 3258
250	11,4	70	3+3+3	F	9	5500	TCJ02.250M.MF09	●	AF 2362
250	11,4	70	4+4+4	F	19	5500	TCJ02.250M.MF19	●	AF 2799
250	11,4	70	5+5+5	F	29	5500	TCJ02.250M.MF29	●	AF 3258

TCJ02/2

MEC | HS | HW

Corpo in acciaio | Steel body

Tipo giunzione: 10/10 o 10/11mm | Joint type: 10/10 o 10/11mm

Ø D (mm)	B (mm)	d (mm)	Z	Tipo forma / Shape type	N° utensile / Tool number	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
250	11,4	50	3+3	G	10	5500	TCJ02.250D.MG10	●	AF 1789
250	11,4	50	4+4	G	20	5500	TCJ02.250D.MG20	●	AF 2095
250	11,4	60	3+3	G	10	5500	TCJ02.250H.MG10	●	AF 1869
250	11,4	60	4+4	G	20	5500	TCJ02.250H.MG20	●	AF 2175
250	11,4	70	3+3	G	10	5500	TCJ02.250M.MG10	●	AF 1869
250	11,4	70	4+4	G	20	5500	TCJ02.250M.MG20	●	AF 2175
250	15,2	50	3+3+3	H	30	5500	TCJ02.250D.MH30	●	AF 2293
250	15,2	50	4+4+4	H	40	5500	TCJ02.250D.MH40	●	AF 2723
250	15,2	60	3+3+3	H	30	5500	TCJ02.250H.MH30	●	AF 2373
250	15,2	60	4+4+4	H	40	5500	TCJ02.250H.MH40	●	AF 2803
250	15,2	70	3+3+3	H	30	5500	TCJ02.250M.MH30	●	AF 2373
250	15,2	70	4+4+4	H	40	5500	TCJ02.250M.MH40	●	AF 2803
250	22,0	50	3+3+3	L	18	5500	TCJ02.250D.ML18	●	AF 2302
250	22,0	60	3+3+3	L	18	5500	TCJ02.250H.ML18	●	AF 2381
250	22,0	70	3+3+3	L	18	5500	TCJ02.250M.ML18	●	AF 2381
250	22,0	50	3+3+3	M	27	5500	TCJ02.250D.MM27	●	AF 2302
250	22,0	60	3+3+3	M	27	5500	TCJ02.250H.MM27	●	AF 2381
250	22,0	70	3+3+3	M	27	5500	TCJ02.250M.MM27	●	AF 2381

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

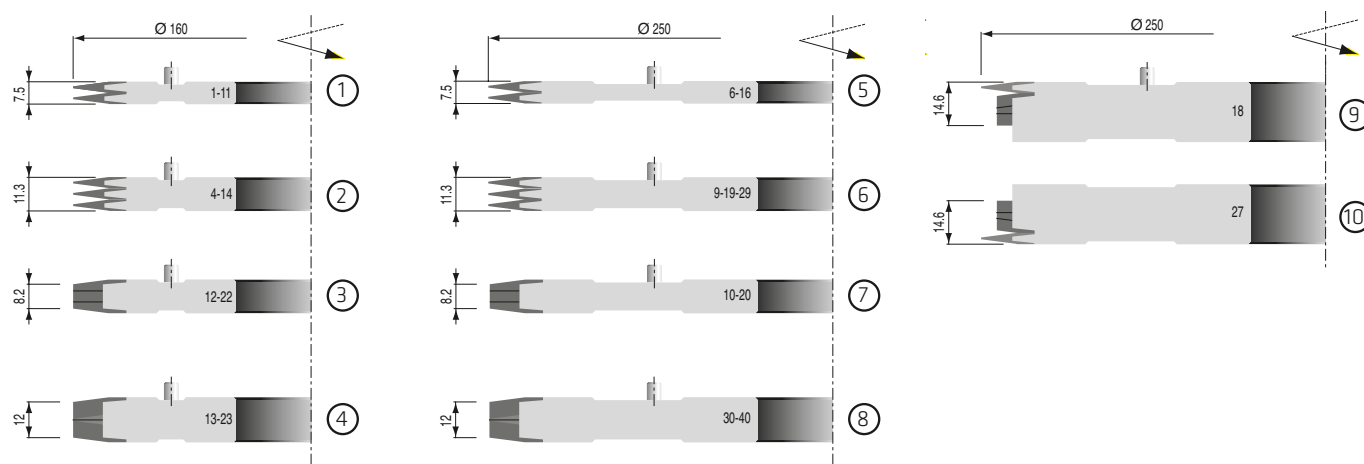
Coltelli/inserti ricambio | Spare knives/inserts

Material	Lunghezza / Length (mm)	Passo / Pitch (mm)	B (mm)	W (mm)	Sp (mm)	Codice / Code	Disp. / Avail.	Cod. listino / Price code
HW	10/11	3,8	38,0	13,0	3,7	TRF05.1337.0731	●	BF2 1697
HW	10/11	3,8	38,0	13,0	3,7	TRF05.1337.0732	●	BF2 1697
HW	10/11	3,8	38,0	13,0	7,5	TRF05.1375.0734	●	BF2 2084
HW	10/11	3,8	38,0	13,0	7,5	TRF05.1375.0735	●	BF2 2084

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M5	7	10	TRF08.M550.0215	●	BC3 163
Vite / screw	M5	13	10	TRF08.M550.0216	●	BC3 163

Quantità minime d'ordine | Minimum order quantities

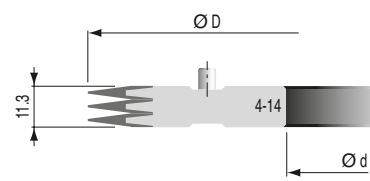
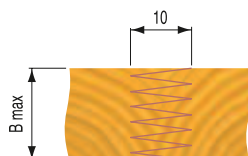
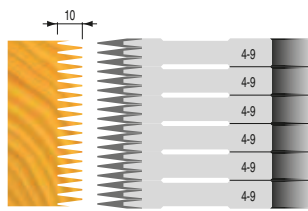


TCJ02/2

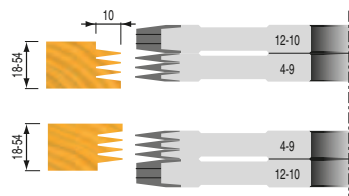
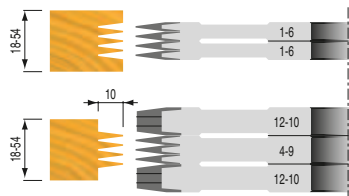
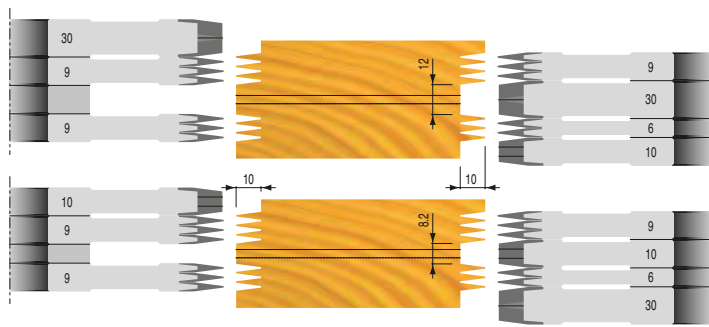
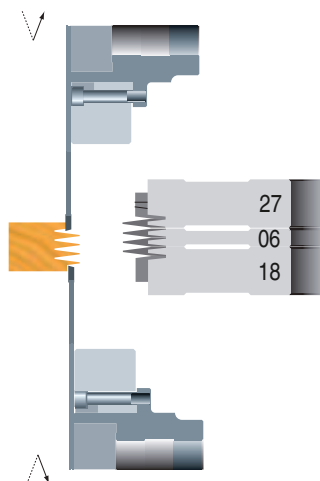
MEC | HW

Teste modulari per giunzioni con inserto intercambiabile Modular finger jointing cutter system

Giunto verticale | Vertical joint



Giunto orizzontale | Horizontal joint

Giunto orizzontale per macchine "doppie"
Horizontal joints on double-end machinesGiunto orizzontale "re-saw"
"Re-saw" horizontal jointGiunto orizzontale con piani laterali centrati
Horizontal joint with centered outer shoulders

B max mm	Frese Cutters nr.	B mm
10,8	1	11,3
22,2	2	22,7
33,6	3	34,1
45	4	45,5
56,4	5	56,9
67,8	6	68,3
79,2	7	79,7
90,6	8	91,1
102	9	102,5
113,4	10	113,9
124,8	11	125,3
136,2	12	136,7
147,6	13	148,1
159	14	159,5
170,4	15	170,9
181,8	16	182,3
193,2	17	193,7
204,6	18	205,1

ĠONTÂ™ Testa portacoltelli per giunzioni tipo "finger joint"

ĠONTÂ™ Finger jointing cutter

TCJ03/1

MEC

Sistema modulare ad alte performances con serraggio dei coltelli brevettato per giunzioni longitudinali (DIN 68140), a 4-12 coltelli opzionali in HS sinterizzato rivestiti PVD. Specifico per elementi ad alta sollecitazione strutturale nell'ingegneria del legno per costruzione (DIN 1052), serramenti e profili lamellari. Frese con corpo in acciaio con sistema di sicurezza anti-rotazione, serraggio posteriore ai coltelli per una sostituzione sicura e rapida dei coltelli, adatto solo per macchine automatiche.

High performance modular cutter system with patented knife clamping for longitudinal glue jointing (DIN 68140), optional with 4 - 12 PVD-coated powder HS-knives for highly stressed structural components in engineered timber construction (DIN 1052), window tooling and laminar profiling. Cutters with steel body, locked against rotation, knife backside clamping for fast and easy knife change, suitable for mechanical feed only.



Corpo in acciaio | Steel body

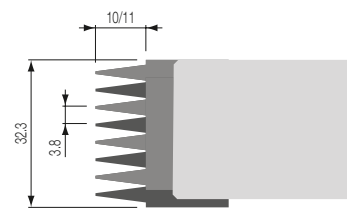
Corpo utensili esclusi coltelli | Cutterhead excluding knives

Tipo giunzione: 10/10 o 10/11mm | Joint type: 10/10 o 10/11mm

Ø D ₁ (mm)	Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
129	160	30,4	40	4	8500	TCJ03.160C.0001	●	AF 722
129	160	30,4	50	4	8500	TCJ03.160D.0001	●	AF 722
129	160	30,4	40	6	8500	TCJ03.160C.0002	●	AF 1184
129	160	30,4	50	6	8500	TCJ03.160D.0002	●	AF 1184
218	250	30,4	40	6	5500	TCJ03.250C.0001	●	AF 1056
218	250	30,4	50	6	5500	TCJ03.250D.0001	●	AF 1056
218	250	30,4	60	6	5500	TCJ03.250H.0001	●	AF 1056
218	250	30,4	40	8	5500	TCJ03.250C.0002	●	AF 1696
218	250	30,4	50	8	5500	TCJ03.250D.0002	●	AF 1696
218	250	30,4	60	8	5500	TCJ03.250H.0002	●	AF 1696
218	250	30,4	40	10	5500	TCJ03.250C.0003	●	AF 2022
218	250	30,4	50	10	5500	TCJ03.250D.0003	●	AF 2022
218	250	30,4	60	10	5500	TCJ03.250H.0003	●	AF 2022
218	250	30,4	40	12	5500	TCJ03.250C.0004	●	AF 2376
218	250	30,4	50	12	5500	TCJ03.250D.0004	●	AF 2376
218	250	30,4	60	12	5500	TCJ03.250H.0004	●	AF 2376

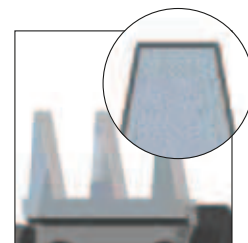
Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Coltelli/inserti ricambio | Spare knives/inserts

Material	Lunghezza / Length (mm)	Passo / Pitch (mm)	B (mm)	W (mm)	Sp (mm)	Codice / Code	Disp. / Avail.	Cod. listino / Price code
HS-PVD	10/11	3,8	28,5	40	14,1	TRF05.CGMZ.0572	●	BF2 2219



Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà minima / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M8	25	10	TRF08.M850.2901	●	BG3 200

Quantità minime d'ordine | Minimum order quantities

ĠONTÂ™:

Verbo tratto dal dialetto locale "furlan" della regione Friuli - Venezia Giulia che significa giuntare, congiungere due superfici e viene usato comunemente dai falegnami locali.

Verb taken from the local dialect "furlan" of Friuli - Venezia Giulia region in North-East of Italy, which means jointing two surfaces already worked by a cutter head and commonly used by local carpenters.



ĠONTÂ system

Revolution in finger jointing

SPECIFICHE TECNICHE / TECHNICAL FEATURES



ELEVATA PRODUTTIVITÀ:

Esecuzione fino a 12 denti ($Z=6 + 6$ sul $\varnothing 250$) per altissime prestazioni con avanzamenti oltre 6 cicli/min.

HIGH PRODUCTIVITY:

Up to 12 teeth ($Z=6 + 6$ on $\varnothing 250$) for extremely high performances with feed rates over 6 cycles/min.

MANUTENZIONE:

Il sistema di bloccaggio dalla parte posteriore del coltello garantisce una maggiore pulizia delle viti con conseguente semplicità di sostituzione dei coltelli.

MAINTENANCE:

Knife backside-clamping protects screws from wood dust with relative advantages during knives replacement.

PERFORMANCE:

Coltelli in HSS sinterizzato con nuovo rivestimento PVD.

PERFORMANCE:

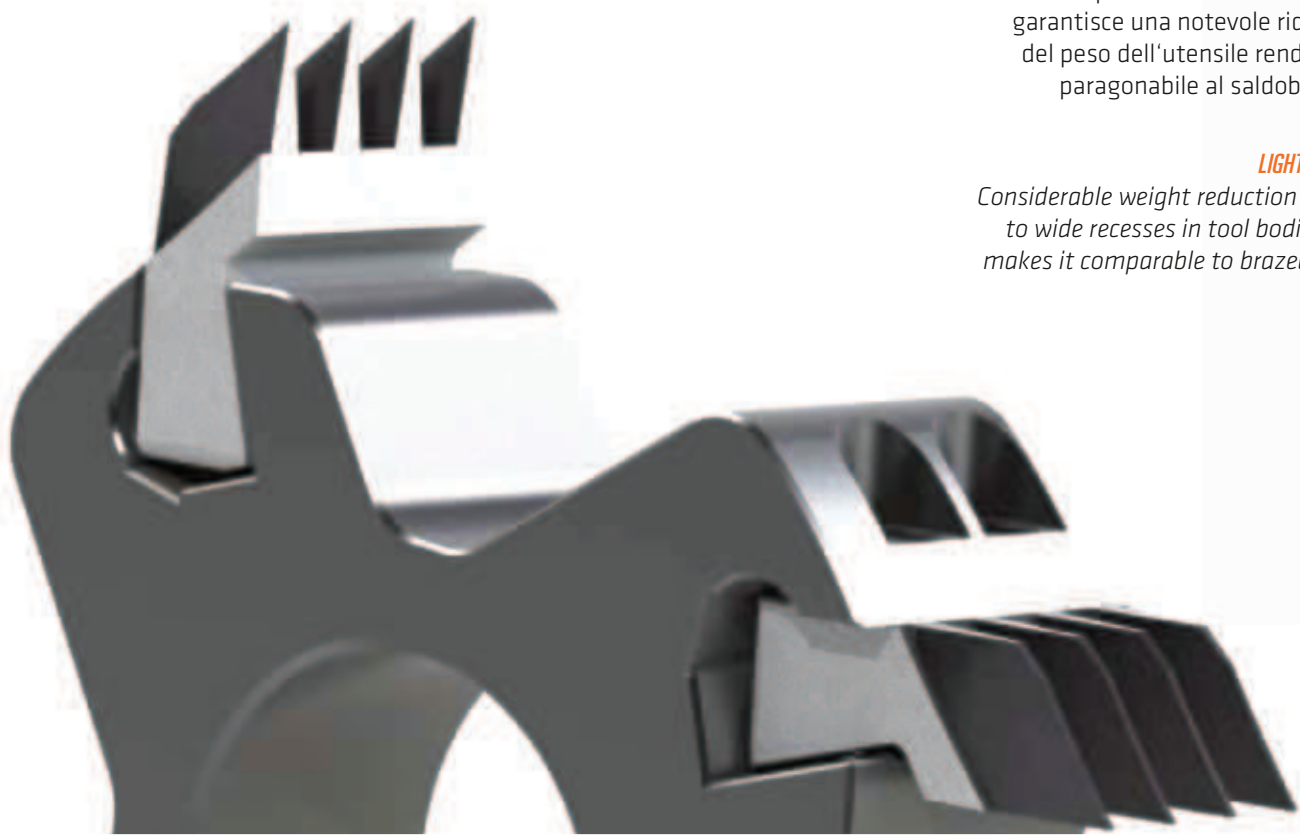
Knives made of powder HSS with new PVD coating.

PESO RIDOTTO:

La forma particolarmente scaricata, garantisce una notevole riduzione del peso dell'utensile rendendolo paragonabile al saldobrasato.

LIGHT WEIGHT:

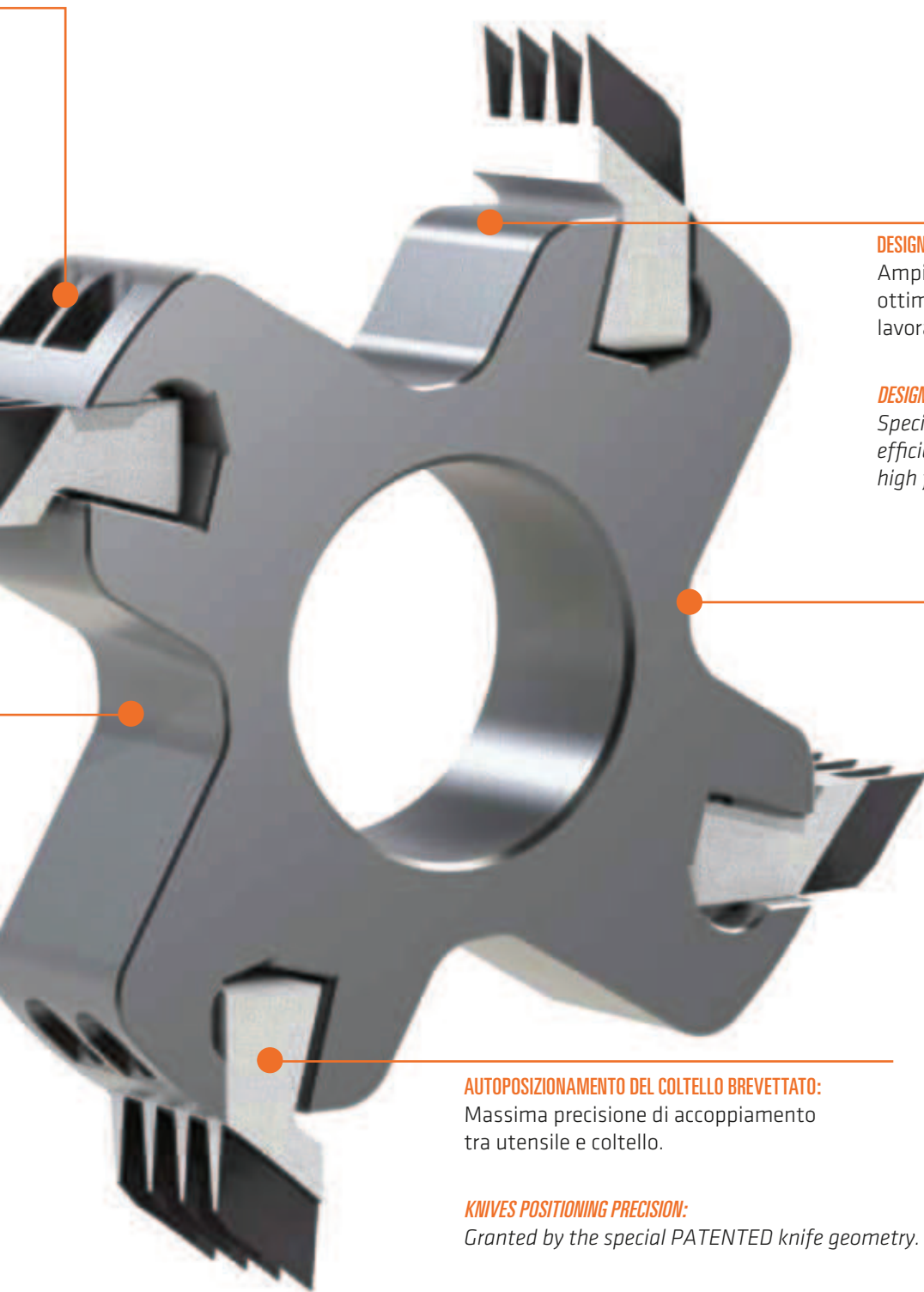
Considerable weight reduction thanks to wide recesses in tool bodies that makes it comparable to brazed tools.





ĠONTÂ system

Revolution in finger jointing

**DESIGN:**

Ampio scarico frontale dell'utensile per ottimale evacuazione del truciolo in lavorazioni con alti avanzamenti.

DESIGN:

Special recesses in tooling geometry for efficient chip removal, excellent during high feed-rates machining.

TRASCINAMENTO:

Garantito da un particolare accoppiamento degli utensili.

INTERLOCKING:

Granted by special coupling system of the tools.

AUTOPOSIZIONAMENTO DEL COLTELLO BREVETTATO:

Massima precisione di accoppiamento tra utensile e coltello.

KNIVES POSITIONING PRECISION:

Granted by the special PATENTED knife geometry.

TCF03/1

MEC | HW

Truciolatore in lega leggera Hogging units

Il corpo in lega leggera è corredato da 4 oppure 6 «settori» con taglienti in HW riaffilabili come una sega circolare e sostituibili. L'accoppiamento di più elementi per spessori di taglio multipli di 30 mm può avvenire mediante specifico assemblaggio da richiedere in sede di ordinazione. I tipi «A» e «B» hanno il mozzo interno e i tipi «C» e «D» il mozzo a filo con lo spessore del corpo.

Light alloy body equipped with 4 or 6 TCT cutting segments (resharpenable), assembly system with cutting widths of multiples of 30 mm, used for hogging solid timber, panels and edge banding, suitable for mechanical feed.



Corpo truciolatore | Hogging unit body Corpo in alluminio | Light alloy body

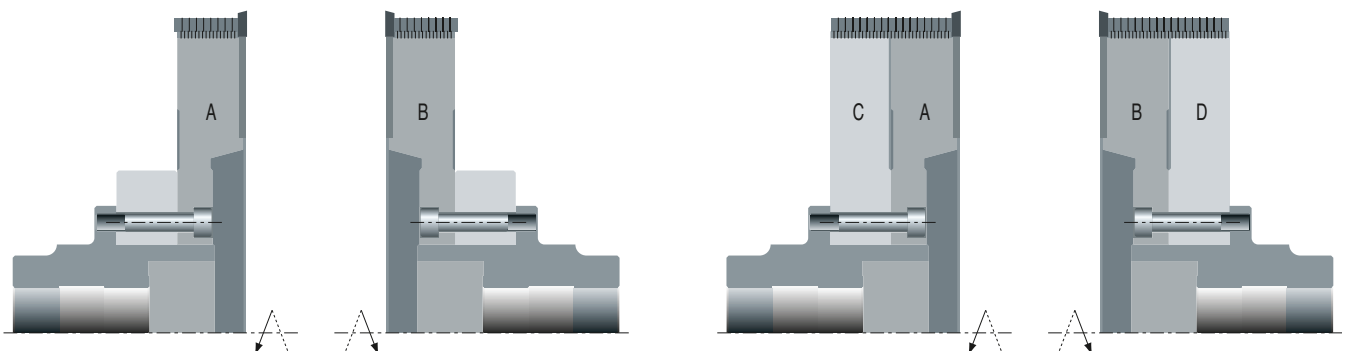
Ø D (mm)	B (mm)	d (mm)	Z	Tipo utensile / Tool type	Settori / Segments	Rotaz. / Rotation	Rpm max	Codice / Code	Disp. / Avail.	Cod. listino / Price code
250	30	60	A	A	4 (Z8 Ø245)	DX/RH	6000	TCF03.250H.A001	●	AF 1334
250	30	60	B	B	4 (Z8 Ø245)	SX/LH	6000	TCF03.250H.B001	●	AF 1334
300	30	60	A	A	6 (Z7 Ø295)	DX/RH	5000	TCF03.300H.A001	●	AF 1953
300	30	60	B	B	6 (Z7 Ø295)	SX/LH	5000	TCF03.300H.B001	●	AF 1953
350	30	60	A	A	6 (Z8 Ø345)	DX/RH	4000	TCF03.350H.A001	●	AF 2756
350	30	60	B	B	6 (Z8 Ø345)	SX/LH	4000	TCF03.350H.B001	●	AF 2756

Elementi per accoppiamento | Coupling elements Corpo in alluminio | Light alloy body

Ø D (mm)	B (mm)	d (mm)	Z	Tipo utensile / Tool type	Settori / Segments	Rotaz. / Rotation	Rpm max	Codice / Code	Disp. / Avail.	Cod. listino / Price code
250	30	60	32	C	4 (Z8 Ø245)	DX/RH	6000	TCF03.250H.A002	●	AF 1334
250	30	60	32	D	4 (Z8 Ø245)	SX/LH	6000	TCF03.250H.B002	●	AF 1334
300	30	60	42	C	6 (Z7 Ø295)	DX/RH	5000	TCF03.300H.A002	●	AF 1953
300	30	60	42	D	6 (Z7 Ø295)	SX/LH	5000	TCF03.300H.B002	●	AF 1953
350	30	60	48	C	6 (Z8 Ø345)	DX/RH	4000	TCF03.350H.A002	●	AF 2756
350	30	60	48	D	6 (Z8 Ø345)	SX/LH	4000	TCF03.350H.B002	●	AF 2756

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Lama circolare per truciolo | Sawblade for hogging unit

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice / Code	Disp. / Avail.	Cod. listino / Price code
255	4,2	155	40	DX/RH	TLH11.255V.0001	●	AF 297
255	4,2	155	60	DX/RH	TLH11.255V.0002	●	AF 323
300	4,2	155	48	DX/RH	TLH11.300V.0001	●	AF 314
300	4,2	155	72	DX/RH	TLH11.300V.0002	●	AF 366
350	4,2	200	84	DX/RH	TLH11.350V.0001	●	AF 439
255	4,2	155	40	SX/LH	TLH11.255V.0003	●	AF 297
255	4,2	155	60	SX/LH	TLH11.255V.0004	●	AF 323
300	4,2	155	48	SX/LH	TLH11.300V.0003	●	AF 314
300	4,2	155	72	SX/LH	TLH11.300V.0004	●	AF 366
350	4,2	200	84	SX/LH	TLH11.350V.0002	●	AF 439

TCF03/1

MEC | HW

Coltelli/inserti ricambio | Spare knives/inserts

D (mm)	Z	Q.tà min. / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
245	8	4	TRF10.Z860.1107	●	BF5 1841
295	7	6	TRF10.Z760.1108	●	BF5 1983
345	8	6	TRF10.Z860.1109	●	BF5 2037

Ricambi disponibili su richiesta con rivestimento **NaDia** - DLC | Spare inserts available on request with **NaDia** coating DLC

Quantità minime d'ordine | Minimum order quantities

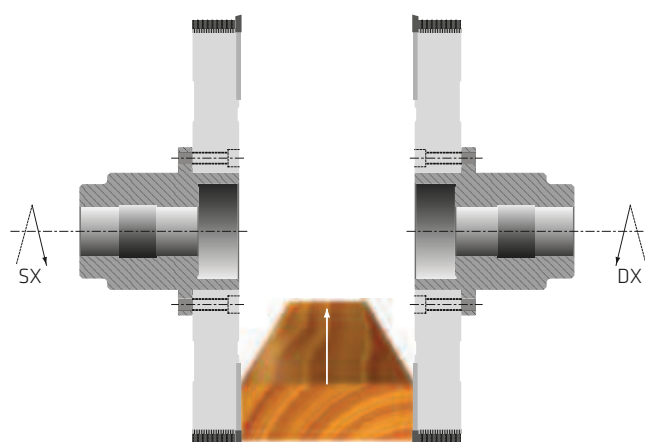
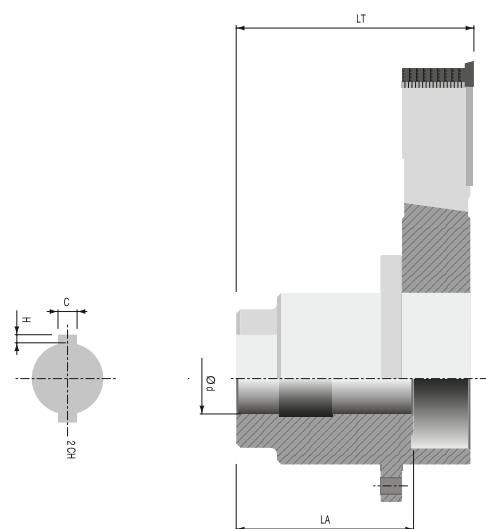
Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M6	16	10	TRF08.M650.0605	●	BG3 99
Vite / screw	M8	20	10	TRF08.M850.0701	●	BG3 78

Quantità minime d'ordine | Minimum order quantities

In fase di ordine è importante specificare il tipo di macchina sulla quale viene montato il truciolo e, possibilmente, tutte le dimensioni indicate, compresa la rotazione.

When placing an order please state all relevant technical requirements like machine type, rotation, dimension etc.

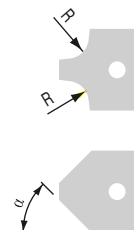


TCP06/2

MEC | HW

Coltelli/inserti speciali ricambio | *Special spare knives/inserts*

B (mm)	W (mm)	Sp (mm)	R (mm)	Tipo / Type	Q.tà minima / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
20	20,5	2	2	A-C	6	TRF06.2020.2017	●	BF2 593
20	20,5	2	3	A-C	6	TRF06.2020.2019	●	BF2 593
20	20,5	2	4	A-C	6	TRF06.2020.2021	●	BF2 593
20	20,5	2	5	A-C	6	TRF06.2020.2023	●	BF2 593
20	20,5	2	6	A-C	6	TRF06.2020.2025	●	BF2 593
20	20,5	2	45°	A-C	6	TRF06.2020.2025	●	BF2 593

Quantità minime d'ordine | *Minimum order quantities*Coltelli/inserti standard ricambio | *Standard spare knives/inserts*

B (mm)	W (mm)	Sp (mm)	R (mm)	Tipo / Type	Q.tà minima / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
50	12	2	2	B	10	TRF01.1215.A050	●	BFO 99
60	12	2	2	D	10	TRF01.1215.A060	●	BFO 118

Ricambi disponibili su richiesta con rivestimento **NaDia** - DLC | *Spare inserts available on request with NaDia coating DLC*Quantità minime d'ordine | *Minimum order quantities*Parti ricambio | *Spare parts*

Tipo / Type	B (mm)	W (mm)	S (mm)	Tipo / Type	Q.tà minima / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
Tassello / wedge	16	10	8,3	A	6	TRF07.3500.0055	●	B 637
Tassello / wedge	16	10	8,3	C	6	TRF07.3500.0053	●	B 637
Tassello / wedge	46	10	8,3	B	6	TRF07.3500.0009	●	B 462
Tassello / wedge	54	10	8,3	D	6	TRF07.3500.0010	●	B 483
Vite / screw	M7	21			10	TRF08.M750.2402	●	BG3 208

Quantità minime d'ordine | *Minimum order quantities*

TCP06/3

MEC | HW

Gruppi teste con coltellini per parchetti e perline

Tongue and groove cutter set

Gruppi di teste con coltellini, intercambiabili tra loro per la realizzazione di parchetti e perline su macchine scorniciatrici. Gli utensili sono regolabili mediante anelli distanziali che permettono di ottenere gli spessori e i profili desiderati. I gruppi sono corredati da bussole di accoppiamento per l'assemblaggio delle singole teste.

Set of steel cutters mounted on assembly bush for producing up to 17 different variations of tongue and groove profiles on moulding machines, suitable for mechanical feed.

Corpo in acciaio | Steel body

Tipo giunzione: 10/10 o 10/11mm | Joint type: 10/10 o 10/11mm

Ø D ₁ (mm)	Ø D (mm)	B (mm)	d (mm)	Z	Rotaz. / Rotat.	Tipo prof. / Prof. type	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
127	140	13-33	40	4	SX/LH	A	10000	TCP06.A140.L40F	●	AF 2588
148	155	13-33	40	4	DX/RH		10000	TCP06.A155.R40F	●	AF 2205
127	140	13-33	40	4	SX/LH	B	10000	TCP06.B140.L40F	●	AF 2656
148	155	13-33	40	4	DX/RH		10000	TCP06.B155.R40F	●	AF 2205
127	154	13-38	40	4	SX/LH	C	9000	TCP06.C154.L40F	●	AF 3182
154	155	13-38	40	4	DX/RH		9000	TCP06.C154.R40F	●	AF 2828
127	154	15-44	40	4	SX/LH	D	9000	TCP06.D154.L40F	●	AF 3834
154	155	15-44	40	4	DX/RH		9000	TCP06.D154.R40F	●	AF 3450
127	160	13-30	40	4	SX/LH	E	8500	TCP06.E160.L40F	●	AF 2656
148	155	13-30	40	4	DX/RH		8500	TCP06.E155.R40F	●	AF 2205
127	175	13-30	40	4	SX/LH	F	8000	TCP06.F175.L40F	●	AF 2656
148	155	13-30	40	4	DX/RH		8000	TCP06.F155.R40F	●	AF 2360
127	160	13-30	40	4	SX/LH	G	8500	TCP06.G160.L40F	●	AF 2596
168	168	13-30	40	4	DX/RH		8500	TCP06.G168.R40F	●	AF 2777
127	175	13-30	40	4	SX/LH	H	8000	TCP06.H175.L40F	●	AF 2271
148	155	13-30	40	4	DX/RH		8000	TCP06.H155.R40F	●	AF 2387
122	140	13-34	40	4	SX/LH	I	10000	TCP06.I140.L40F	●	AF 2596
152	160	13-34	40	4	DX/RH		10000	TCP06.I160.R40F	●	AF 2314
122	140	13-34	40	4	SX/LH	L	10000	TCP06.L140.L40F	●	AF 2566
152	160	13-34	40	4	DX/RH		10000	TCP06.L160.R40F	●	AF 2314
122	154	14-38	40	4	SX/LH	M	9000	TCP06.M154.L40F	●	AF 3189
152	160	14-38	40	4	DX/RH		9000	TCP06.M160.R40F	●	AF 2936
122	154	15-44	40	4	SX/LH	N	9000	TCP06.N154.L40F	●	AF 3811
154	160	15-44	40	4	DX/RH		9000	TCP06.N160.R40F	●	AF 3559
122	160	13-30	40	4	SX/LH	O	9000	TCP06.O160.L40F	●	AF 2601
152	160	13-30	40	4	DX/RH		9000	TCP06.O160.R40F	●	AF 2314
122	175	13-30	40	4	SX/LH	P	8000	TCP06.P175.L40F	●	AF 2601
152	160	13-30	40	4	DX/RH		8000	TCP06.P160.R40F	●	AF 2314
122	175	13-27	40	4	SX/LH	Q	8000	TCP06.Q175.L40F	●	AF 3011
152	160	13-27	40	4	DX/RH		8000	TCP06.Q160.R40F	●	AF 2694
122	195	13-27	40	4	SX/LH	R	7000	TCP06.R195.L40F	●	AF 3328
152	160	13-27	40	4	DX/RH		7000	TCP06.R160.R40F	●	AF 2694
122	195	13-27	40	4	SX/LH	S	7000	TCP06.S195.L40F	●	AF 3328
152	160	13-34	40	4	DX/RH		7000	TCP06.S160.R40F	●	AF 2314

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TCP06/3

MEC | HW

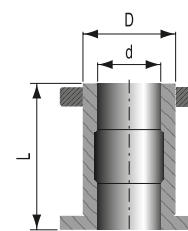
Elementi singoli | Single cutterheads
Corpo in acciaio | Steel body

Ø D (mm)	B (mm)	d (mm)	Z	N° ele. / Tool n°	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
140	15	50	4	A01	10000	TCP06.A01R.0001	●	AF 708
140	15	50	4	A02	10000	TCP06.A02R.0001	●	AF 708
127	12	50	2	A03	10000	TCP06.A03R.0001	●	AF 839
155	20	50	4	A04	10000	TCP06.A04R.0001	●	AF 930
155	20	50	4	A05	10000	TCP06.A05R.0001	●	AF 930
139	15	50	4	A06	10000	TCP06.A06R.0001	●	AF 677
175	15	50	4	A07	8000	TCP06.A07R.0001	●	AF 778
155	20	50	4	A08	9000	TCP06.A08R.0001	●	AF 1089
160	15	50	4	A09	9000	TCP06.A09R.0001	●	AF 712
155	20	50	4	A10	9000	TCP06.A10R.0001	●	AF 1089
168	20	50	4	A11	9500	TCP06.A11R.0001	●	AF 1355
149	15	50	4	A12	9500	TCP06.A12R.0001	●	AF 712
168	20	50	4	A13	8500	TCP06.A13R.0001	●	AF 1092
168	20	50	4	A14	8500	TCP06.A14R.0001	●	AF 1092
154	12	50	2	A15	9000	TCP06.A15R.0001	●	AF 641
154	12	50	2	A16	9000	TCP06.A16R.0001	●	AF 641
122	12	50	2	A17	10000	TCP06.A17R.0001	●	AF 846
160	20	50	4	A18	10000	TCP06.A18R.0001	●	AF 986
160	20	50	4	A19	10000	TCP06.A19R.0001	●	AF 986
160	20	50	4	A20	9000	TCP06.A20R.0001	●	AF 986
160	20	50	4	A21	9000	TCP06.A21R.0001	●	AF 986
175	20	50	4	A22	8000	TCP06.A22R.0001	●	AF 1134
160	20	50	4	A23	9000	TCP06.A23R.0001	●	AF 1377
195	20	50	4	A24	7000	TCP06.A24R.0001	●	AF 1461

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3


Bussole di accoppiamento | Assembly sleeves

Ø D (mm)	H (mm)	d (mm)	Rotaz. / Rotat.	Codice / Code	Disp. / Avail.	Cod. listino / Price code
50	105	30	DX/RH	TAM01.5030.R105	●	B 3519
50	105	35	DX/RH	TAM01.5035.R105	●	B 3519
50	105	40	DX/RH	TAM01.5040.R105	●	B 3519
50	105	30	SX/LH	TAM01.5030.L105	●	B 3519
50	105	35	SX/LH	TAM01.5035.L105	●	B 3519
50	105	40	SX/LH	TAM01.5040.L105	●	B 3519



TCP06/3

MEC | HW

Gruppi teste con coltellini per parchetti e perline Tongue and groove cutter set

Ricambi / Spare Parts / Ersatzteile						
A01 A02 A06	Art. Nr.	TRF01.1215.A015	TRF07.3500.0004	TRF02.1420.G014		
	Dim.	15 x 12 x 1,5	11 mm	14 x 14 x 2		
	Pcs					
A07 A09 A12	Art. Nr.	TRF01.1215.A015	TRF07.3500.0004	TRF02.1420.G014		TRF02.6000.0601
	Dim.	15 x 12 x 1,5	11 mm	14 x 14 x 2		27 x 6 x 14
	Pcs					
A03 A17	Art. Nr.	TRF01.1215.A012	TRF07.3500.0023			
	Dim.	12 x 12 x 1,5	9 mm			
	Pcs					
A18	Art. Nr.	TRF01.1215.A020	TRF07.3500.0005		TRF02.6000.0704	
	Dim.	20 x 12 x 1,5	16 mm		48 x 4 x 16	
	Pcs					
A19	Art. Nr.	TRF01.1215.A020	TRF01.1215.A020		TRF02.6000.0703	
	Dim.	20 x 12 x 1,5	16 mm		48 x 4 x 16	
	Pcs					
A13 A14 A20 A21	Art. Nr.	TRF01.1215.A020	TRF01.1215.A020		TRF02.6000.0703	
	Dim.	20 x 12 x 1,5	16 mm		48 x 4 x 16	
	Pcs					
A11	Art. Nr.	TRF01.1215.A020	TRF01.1215.A020		TRF02.6000.0710	
	Dim.	20 x 12 x 1,5	16 mm		60 x 4 x 16	
	Pcs					
A15 A16	Art. Nr.	TRF01.1215.A012	TRF01.1215.A023			
	Dim.	12 x 12 x 1,5	9 mm			
	Pcs					
A22	Art. Nr.	TRF02.2220.G019	TRF01.1215.A024	TRF02.1420.G014		
	Dim.	19,8 x 22 x 2	17,6 mm	14 x 14 x 2		
	Pcs					
A23	Art. Nr.	TRF02.2220.G019	TRF01.1215.A005		TRF02.6000.0703	
	Dim.	19,8 x 22 x 2	16 mm		48 x 4 x 16	
	Pcs					
A24	Art. Nr.	TRF02.2220.G019	TRF01.1215.A082			
	Dim.	19,8 x 34 x 2	16,5 mm			
	Pcs					
A04 A05	Art. Nr.	TRF01.1215.A020	TRF01.1215.A005		TRF02.6000.0766	
	Dim.	20 x 12 x 1,5	16 mm		37 x 4 x 16	
	Pcs					
A08	Art. Nr.	TRF01.1215.A020	TRF01.1215.A005	TRF02.1420.G014	TRF02.6000.0766	
	Dim.	20 x 12 x 1,5	16 mm	14 x 14 x 2	37 x 4 x 16	
	Pcs					
A10	Art. Nr.	TRF01.1215.A020	TRF01.1215.A005		TRF02.6000.0766	
	Dim.	20 x 12 x 1,5	16 mm		37 x 4 x 16	
	Pcs					

Gruppi teste con coltellini per parchetti e perline

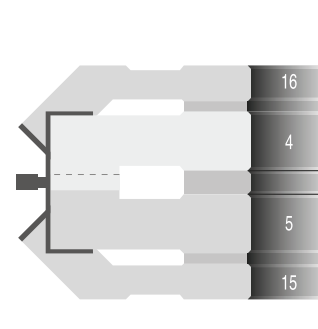
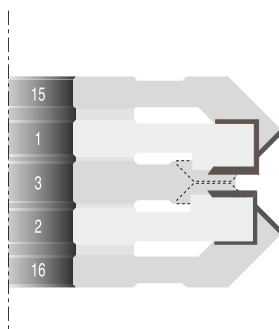
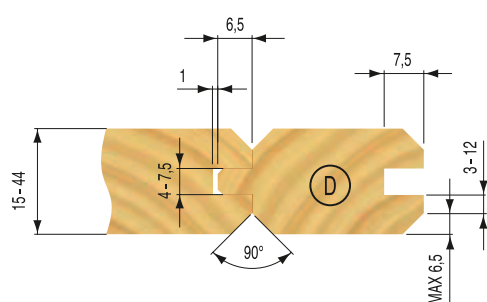
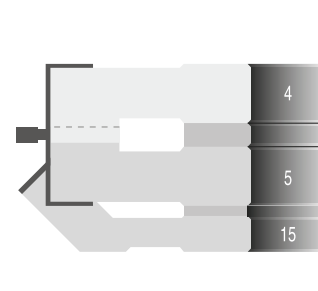
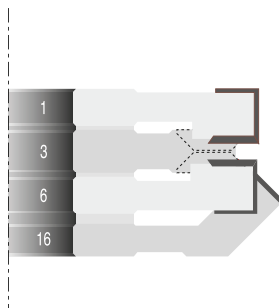
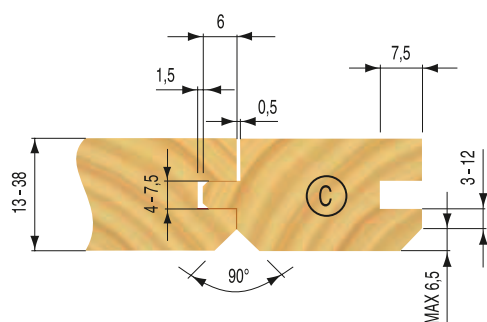
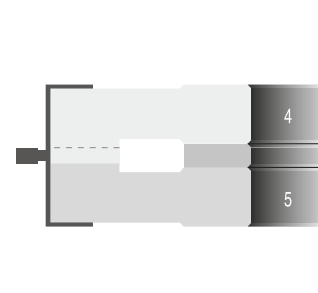
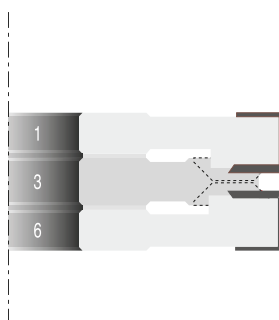
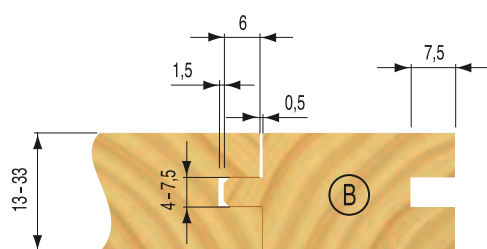
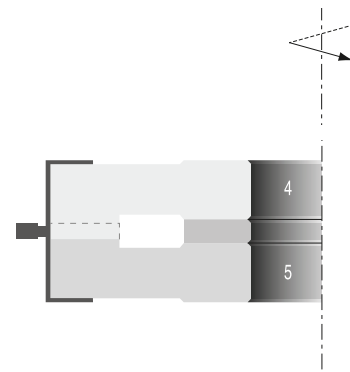
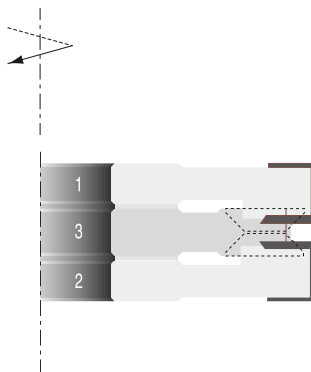
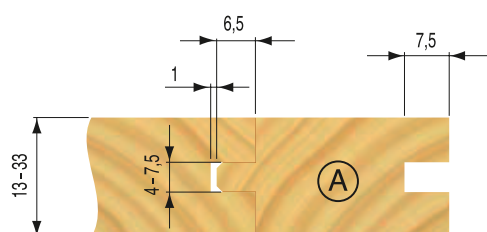
Tongue and groove cutter set

Profili - ridotta profondità di incastro

Profiles - short tongue

TCP06/3

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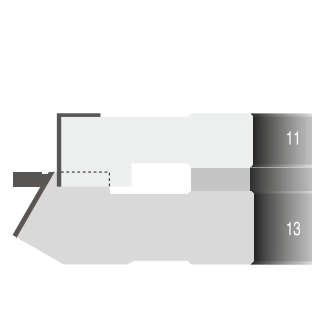
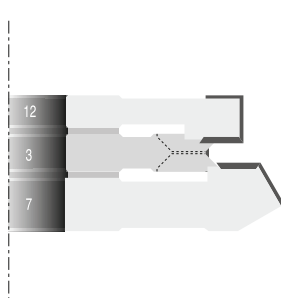
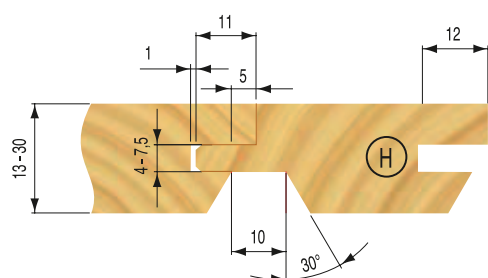
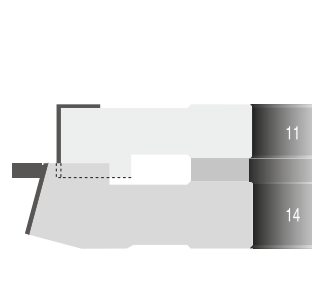
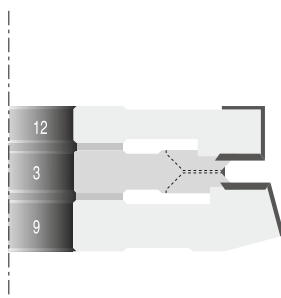
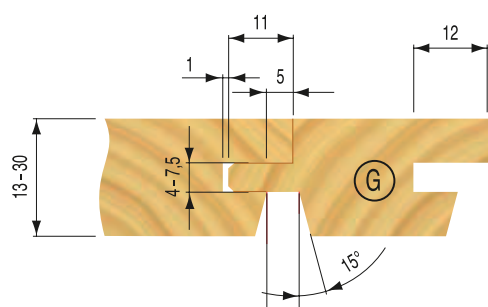
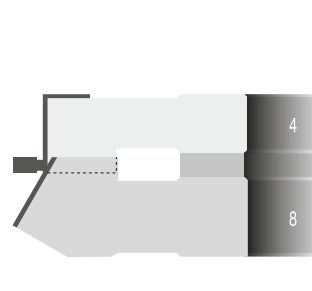
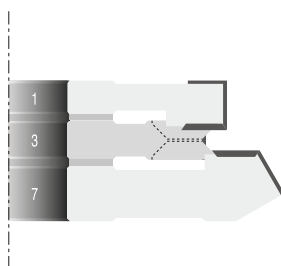
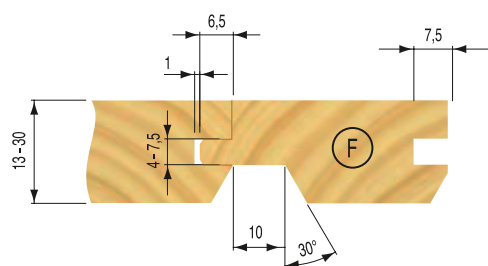
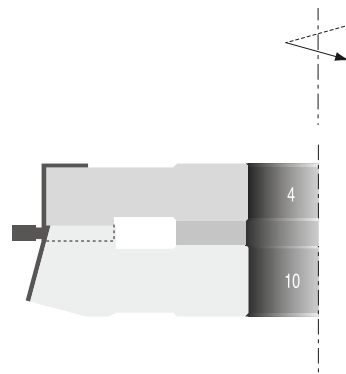
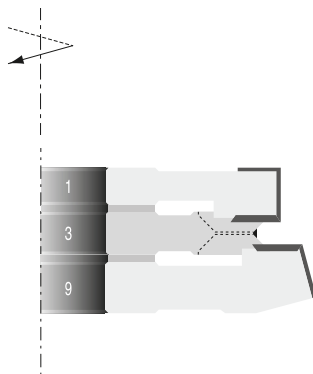
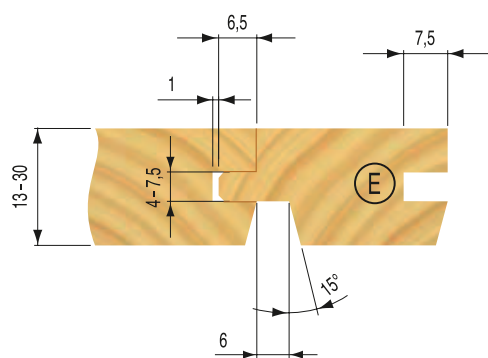
TCP06/3

MEC | HW

Gruppi teste con coltellini per parchetti e perline Tongue and groove cutter set

Profili - ridotta profondità di incastro

Profiles - short tongue



Gruppi teste con coltellini per parchetti e perline

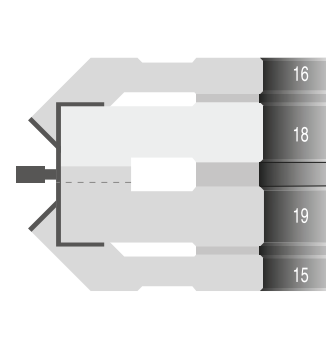
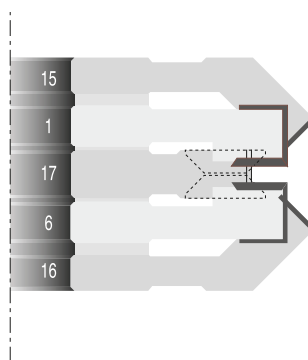
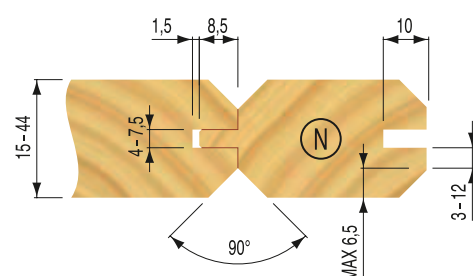
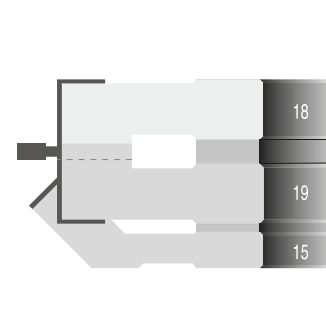
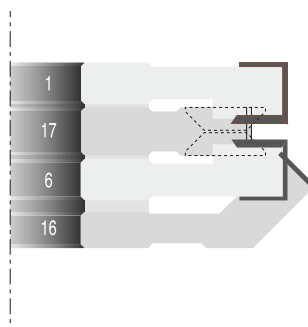
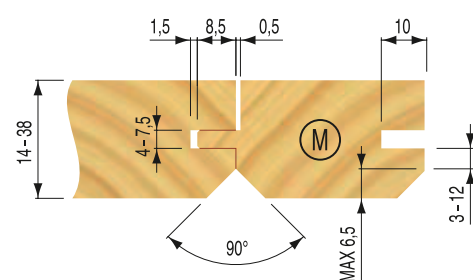
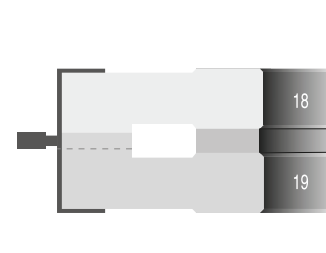
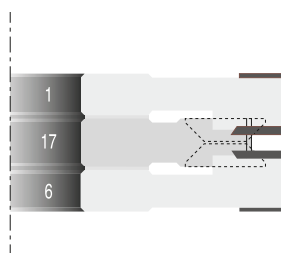
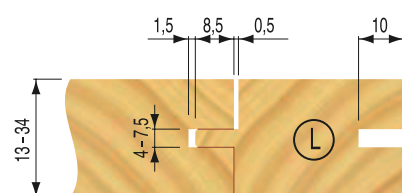
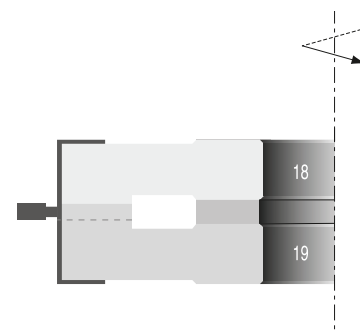
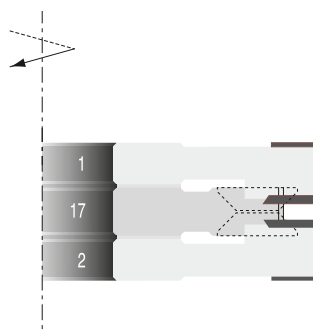
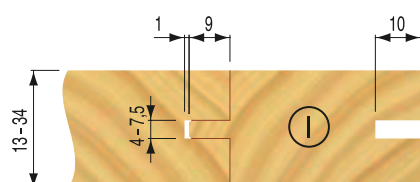
Tongue and groove cutter set

Profili - ridotta profondità di incastro

Profiles - short tongue

TCP06/3

MEC | HW



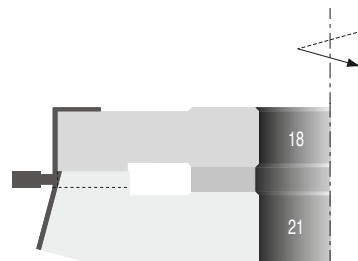
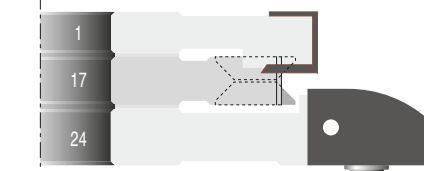
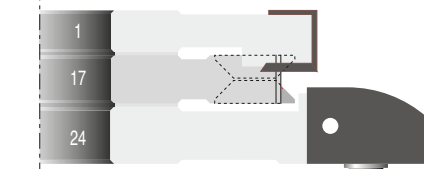
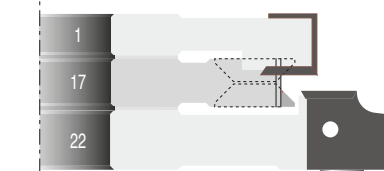
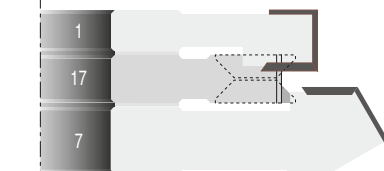
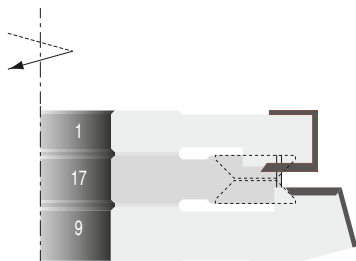
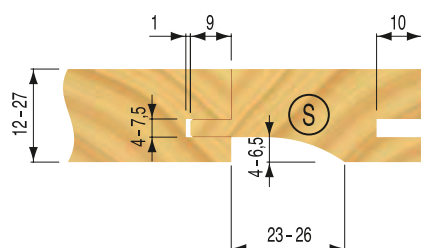
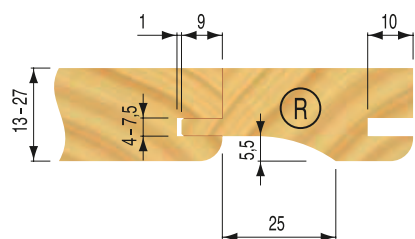
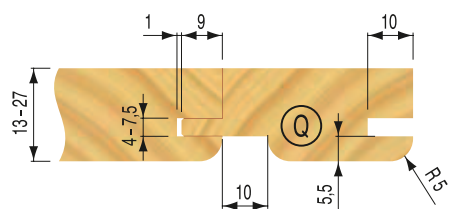
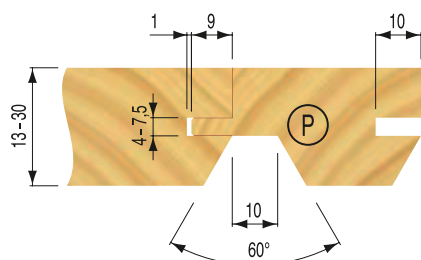
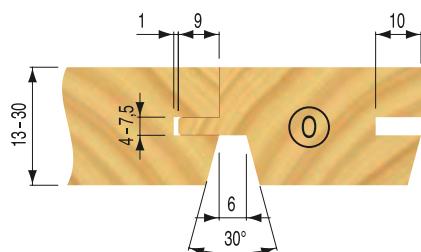
TCP06/3

MEC | HW

Gruppi teste con coltellini per parchetti e perline Tongue and groove cutter set

Profili - ridotta profondità di incastro
Profiles - short tongue

Profiles - short tongue



Note | Notes

A sheet of white paper with horizontal ruling lines. A large, faint, stylized watermark is visible in the background, featuring a large 'V' or 'W' shape with a diagonal line through it. The watermark is light gray and spans most of the page.



Spare Knives & Inserts

Coltelli & Inserti

Articolo | Issue

Cod.

Pag.

NaDia COATING DLC

Cos'è NaDia | What's NaDia

44-45

Coltelli ed inserti | Knives and inserts

Coltelli diritti reversibili in HW HW reversible straight knives	TRF01/1 · TRF01/1.1	46-47
Rasanti quadrati Square spurs	TRF02/1	47
Rasanti quadrati bombati Square spurs with radius and rounded edge	TRF02/2	47
Rasanti triangolare Triangular spurs	TRF02/3	48
Inserti per incastri sottili Knives for making thin grooves	TRF02/4	48
Inserti spigolatori e raggiatori Chamfer radius knives	TRF02/5	48
Coltelli per pialla da 3 mm - H30 3 mm planer knives - H30	TRF03/1	49
Coltelli per pialla da 3 mm - H35 3 mm planer knives - H35	TRF03/2	50
Coltelli per pialla SPLANA™ Planer knives	TRF03/3	51
Coltelli per pialla BULLDOZER™ Planer knives	TRF03/4	51
Coltelli per pialla RABÔT™ Planer knives	TRF03/5	52
Coltelli non profilati zigrinati da 8 mm 8 mm serrated back knives	TRF04/1	53

Legenda Disponibilità/Availability:

- - Articolo disponibile con spedizione da Twt in 3-4 gg. lavorativi.
- - Article available ex stock with delivery from Twt in 3-4 working days.
- - Articolo non in stock con spedizione da Twt in 10 gg lavorativi.
- - Article available in short notice and delivery from Twt in 10 working days.
- - Articolo non in stock con spedizione da Twt in 20 gg lavorativi.
- - Article available in medium notice and delivery from Twt in 20 working days.

NB:

- Articoli con rivestimento NaDia la spedizione del materiale è spostata di 5 gg lavorativi rispetto all'articolo non trattato.
- Article with NaDia coating the delivery time should be increased of 5 working days from the standard version.



NaDia

■ DIAMOND COATING SOLUTIONS ■



Uno strato di Diamante che allunga la vita *A layer of Diamond that lengthens life*

-  Elevata durezza, resistenza all'abrasione e all'usura, basso coefficiente d'attrito, scorrevolezza ed antiaderenza
Extreme hardness, frictional resistance, resistance to wear, low frictional coefficient
-  Maggiore produzione (3-4 volte in più dell'inserto non ricoperto)
Production increase (3-4 times more productive than an uncoated insert)
-  Migliore finitura superficiale
Better finishing surface
-  Minore manutenzione (tempo risparmiato per il cambio utensile e minori affilature)
Less maintenance (no more wasted time for changing tools and less grinding operations)



Consigliato nelle lavorazioni di: di legno massello, lamellari, materiali plastici, materiali grafitici, plexiglass, vetroresina e metalli leggeri.

Excellent results can be achieved processing on solid wood, plywood, Plexiglas, plastic and graphitic materials, rubber and fiberglass.



Fig. 1

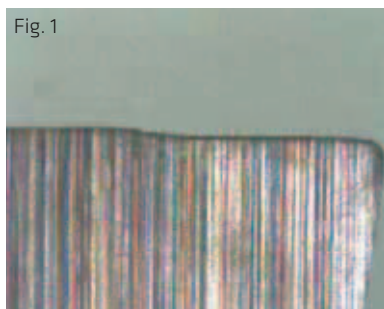
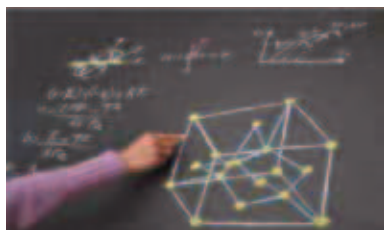
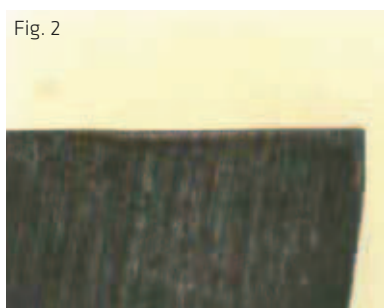


Fig. 2



Cos'è NaDia? | What's NaDia?

Il DLC è un rivestimento innovativo a base di carbonio con ampio spettro di applicazioni che permette di fronteggiare i problemi legati all'abrasione, allo scorrimento e all'aggressione chimica. L'elevata durezza nasce dalla simultanea presenza di carbonio ibridizzato sp² (grafite) e sp³ (diamante).

The DLC is a carbon-based innovative coating with a wide spectrum of applications that allows you to cope with abrasion, sliding, and chemical aggression. The high hardness is due to the simultaneous presence of hybridized carbon sp² (graphite) and sp³ (diamond).

Perché scegliere NaDia? | Why NaDia is your best choice?

Durante la lavorazione, in seguito al prolungato contatto dell'inserto con la superficie lavorata, si innescano dei fenomeni di usura derivanti da azione meccanica (fig. 1). L'arrotondamento del filo tagliente provoca un decadimento della finitura di taglio e quindi minor qualità del manufatto. Conseguenze correlate: maggior sforzo del motore in fase di lavorazione e maggior assorbimento di energia.

During working phases, following the prolonged contact of the insert with the worked surface, the wear phenomenon is caused by mechanical action (fig. 1). The rounding in the top edge of the inserts results in a decay of the cutting finishing and therefore less quality of the product. Related Consequences: Increased engine effort during machining and greater energy absorption.

In fig. 2, a parità di metri lavorati, si nota una minor consumo del filo tagliente. Il vantaggio che la ricopertura NaDia conferisce all'inserto è quello di rallentare notevolmente tutti i normali processi di usura dovuti alla lavorazione. Il coating applicato funge inoltre da scudo protettivo contro il danneggiamento da usura chimica.

Infatti, lavorando materiali con un contenuto di acido tannico (tipo rovere) la smussatura avviene sia per azione meccanica che per azione chimica.

In fig. 2, at equal working meters, you notice a lower consumption of sharp wire. The advantage that NaDia's coating provides for inserts or knives is to greatly slow down all normal wear processes due to working processing. Applied coating layer also acts as a protective shield against chemical damage.

In fact, working over materials with a tannic acid content (oak type) the bevel is done by mechanical action or by chemical action.

I benefici di NaDia | NaDia benefits

I benefici offerti dal trattamento NaDia sono molteplici: si passa da una maggior durata e miglior finitura garantita da un bassissimo coefficiente d'attrito, fino ad arrivare ad una drastica riduzione delle operazioni di manutenzione e cambio inserti. In questo modo i fermi macchina sono notevolmente ridotti. La resa del tagliente supera in percentuale il 250% arrivando anche a valori del 300% azzerando i costi di manutenzione.

Many are the benefits of NaDia treatment: it goes from a longer life and better finish with a very low friction coefficient to a drastic reduction in maintenance and inserts/knives changes. In this way the machine stops are considerably reduced. The yield of the cutting edge exceeds 250% by 300%, thus allowing a considerable decreasing the maintenance costs.

TRF01/1

HW

Coltelli diritti reversibili in HW (angolo di spoglia 35°)

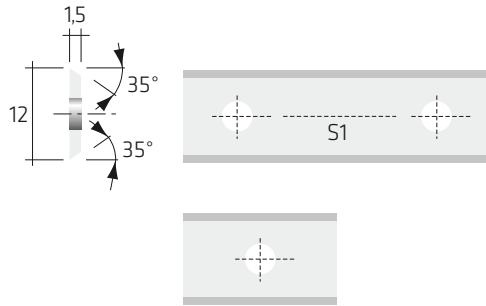
HW reversible straight knives (cutting angle 35°)

Consigliato per lavorazioni su legni teneri e duri. Buoni risultati anche su materiali in MDF, truciolare e plastica. Angolo di spoglia: 35°.

Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for working on soft and hard wood. Good performance on following materials: MDF, chipboard, plastic. Cutting angle: 35°.

*Available on request with **NaDia** coating DLC.*



L [mm]	H [mm]	S [mm]	S1 [mm]	α	Codice / Code	Disp. / Avail.
7,5	12	1,5		35°	TRF01.1215.A008	●
9,6	12	1,5		35°	TRF01.1215.A010	●
12	12	1,5		35°	TRF01.1215.A012	●
15	12	1,5		35°	TRF01.1215.A015	●
20	12	1,5		35°	TRF01.1215.A020	●
25	12	1,5	14	35°	TRF01.1215.A025	●
30	12	1,5	14	35°	TRF01.1215.A030	●
35	12	1,5	26	35°	TRF01.1215.A035	●
40	12	1,5	26	35°	TRF01.1215.A040	●
50	12	1,5	26	35°	TRF01.1215.A050	●
60	12	1,5	26	35°	TRF01.1215.A060	●

Coltelli diritti reversibili in HW in SuperMicrograno (angolo di spoglia 35°)

SuperMicro-grain HW reversible straight knives (cutting angle 35°)

Consigliato per lavorazioni su materiali duri ed abrasivi: MDF, truciolare, melaminico. Ottime prestazioni su truciolare. Angolo di spoglia: 35°.

Disponibile su richiesta con rivestimento **NaDia** - DLC.

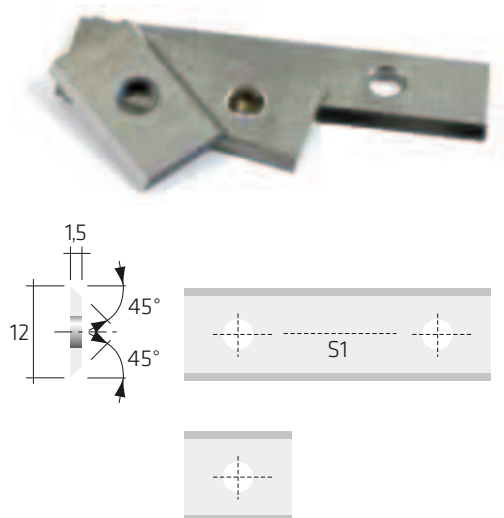
Suitable for cutting hard and abrasive materials: MDF, chipboards, melamine. High performance on chipboard. Cutting angle: 35°.

*Available on request with **NaDia** coating DLC.*

L [mm]	H [mm]	S [mm]	S1 [mm]	α	Codice / Code	Disp. / Avail.
7,5	12	1,5		35°	TLH11.255V.0001	●
9,6	12	1,5		35°	TLH11.255V.0002	●
12	12	1,5		35°	TLH11.300V.0001	●
15	12	1,5		35°	TLH11.300V.0002	●
20	12	1,5		35°	TLH11.350V.0001	●
25	12	1,5	14	35°	TLH11.255V.0003	●
30	12	1,5	14	35°	TLH11.255V.0004	●
40	12	1,5	26	35°	TLH11.300V.0003	●
50	12	1,5	26	35°	TLH11.300V.0004	●
60	12	1,5	26	35°	TLH11.350V.0002	●

TRF01/1.1

HW



Coltelli diritti reversibili in HW (angolo di spoglia 45°)

HW reversible straight knives (cutting angle 45°)

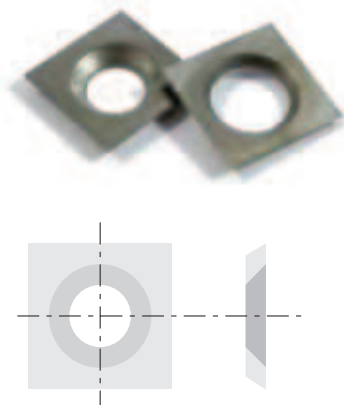
Consigliato per lavorazioni su legni teneri e duri. Angolo di spoglia: 45°. Disponibile su richiesta con rivestimento **NaDia** - DLC.

Suitable for working on soft and hard wood. Cutting angle: 45°. Available on request with **NaDia** coating DLC.

L [mm]	H [mm]	S [mm]	S1 [mm]	α	Codice / Code	Disp. / Avail.
7,5	12	1,5		45°	TRF01.1215.D008	●
9,6	12	1,5		45°	TRF01.1215.D010	●
12	12	1,5		45°	TRF01.1215.D012	●
15	12	1,5		45°	TRF01.1215.D015	●
20	12	1,5		45°	TRF01.1215.D020	●
25	12	1,5	14	45°	TRF01.1215.D025	●
30	12	1,5	14	45°	TRF01.1215.D030	●
40	12	1,5	26	45°	TRF01.1215.D040	●
50	12	1,5	26	45°	TRF01.1215.D050	●
60	12	1,5	26	45°	TRF01.1215.D060	●

TRF02/1

HW



Inserti reversibili quadrato rasante

Reversible square spur inserts

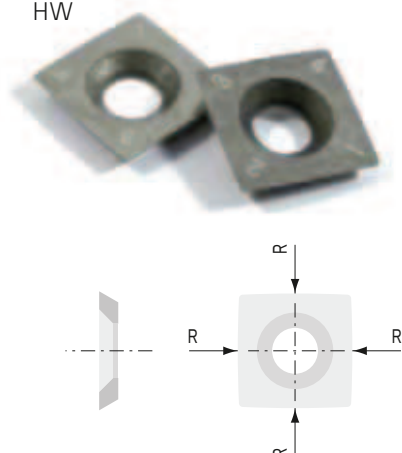
Disponibile su richiesta con rivestimento **NaDia** - DLC.

Available on request with **NaDia** coating DLC.

L [mm]	H [mm]	S [mm]	α	Codice / Code	Disp. / Avail.
14	14	1,2	30°	TRF02.1412.G014	●
14	14	1,7	30°	TRF02.1417.G014	●
14	14	2,0	30°	TRF02.1420.G014	●
14	14	2,0	30°	TRF02.1420.B014	●
14	14	2,0	30°	TRF02.1420.C014	●

TRF02/2

HW



Inserti reversibili quadrato rasante bombato

Reversible square spur inserts with radius and rounded edges

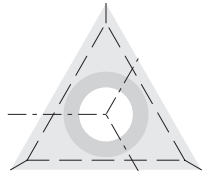
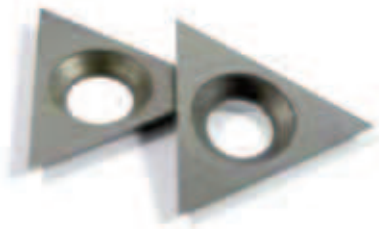
Disponibile su richiesta con rivestimento **NaDia** - DLC.

Available on request with **NaDia** coating DLC.

L [mm]	H [mm]	S [mm]	α	R	Codice / Code	Disp. / Avail.
15	15	2,5	30°	150	TRF02.1525.D001	●
15	15	2,5	30°	150	TRF02.1525.C001	●
15	15	2,5	30°	50	TRF02.1525.D002	●
15	15	2,5	30°	50	TRF02.1525.C002	●

TRF02/3

HW



Inserti rasanti triangolari

Triangular spur inserts

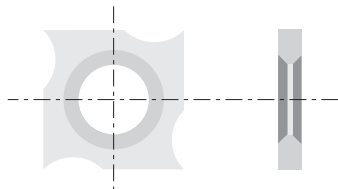
Disponibile su richiesta con rivestimento **NaDia** - DLC.

Available on request with **NaDia** coating DLC.

L [mm]	H [mm]	S [mm]	α	Codice / Code	Disp. / Avail.
22	19	2,0	30°	TRF02.2220.G019	●

TRF02/4

HW



Inserti per incastri sottili

Insert knives for thin grooves

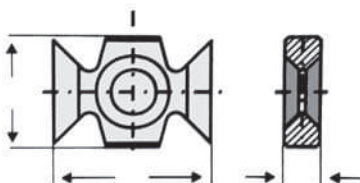
Disponibile su richiesta con rivestimento **NaDia** - DLC.

Available on request with **NaDia** coating DLC.

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
18	18	1,95	TRF02.1819.G001	●
18	18	2,45	TRF02.1825.G001	●
18	18	2,95	TRF02.1829.G001	●

TRF02/5

HW



Inserti spigolatori e a raggiare

Chamfer and radius inserts

Disponibile su richiesta con rivestimento **NaDia** - DLC.

Available on request with **NaDia** coating DLC.

L [mm]	H [mm]	S [mm]	R	Codice / Code	Disp. / Avail.
16	22	5,0	45°	TRF02.1622.D045	●
16	22	5,0	1,5	TRF02.1622.DR15	●
16	22	5,0	2	TRF02.1622.DR20	●
16	22	5,0	2,5	TRF02.1622.DR25	●
16	22	5,0	3	TRF02.1622.DR30	●
16	22	5,0	4	TRF02.1622.DR40	●
16	22	6,0	5	TRF02.1622.DR50	●

TRF03/1

HS | HW



Coltelli pialla da 3 mm in HS e HW - H 30 mm

HS and HW Planing knives of 3 mm - H 30 mm

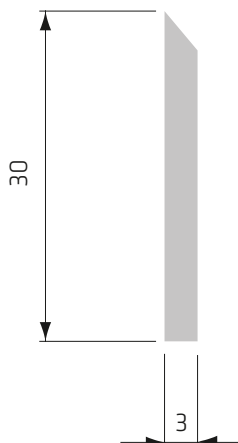
Coltelli pialla di due qualità: HS per legni teneri, resinosi e di media durezza. Coltelli con riporti in HW per legni sabbiosi, duri e composti. Dimensioni: altezza 30 mm, spessore 3 mm.

Planing knives in quality HS or Tungsten Carbide tipped, height 30 mm and thickness 3 mm.

Altezza del coltello | Knife height: 30 mm

TRF03.HS30 - HS

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
60	30	3,0	TRF03.HS30.0060	●
80	30	3,0	TRF03.HS30.0080	●
100	30	3,0	TRF03.HS30.0100	●
110	30	3,0	TRF03.HS30.0110	●
120	30	3,0	TRF03.HS30.0120	●
130	30	3,0	TRF03.HS30.0130	●
150	30	3,0	TRF03.HS30.0150	●
160	30	3,0	TRF03.HS30.0160	●
170	30	3,0	TRF03.HS30.0170	●
180	30	3,0	TRF03.HS30.0180	●
210	30	3,0	TRF03.HS30.0210	●
230	30	3,0	TRF03.HS30.0230	●
240	30	3,0	TRF03.HS30.0240	●
260	30	3,0	TRF03.HS30.0260	●
300	30	3,0	TRF03.HS30.0300	●
310	30	3,0	TRF03.HS30.0310	●
350	30	3,0	TRF03.HS30.0350	●
400	30	3,0	TRF03.HS30.0400	●
410	30	3,0	TRF03.HS30.0410	●
500	30	3,0	TRF03.HS30.0500	●
510	30	3,0	TRF03.HS30.0510	●
520	30	3,0	TRF03.HS30.0520	●
530	30	3,0	TRF03.HS30.0530	●
600	30	3,0	TRF03.HS30.0600	●
610	30	3,0	TRF03.HS30.0610	●
630	30	3,0	TRF03.HS30.0630	●
640	30	3,0	TRF03.HS30.0640	●
710	30	3,0	TRF03.HS30.0710	●
810	30	3,0	TRF03.HS30.0810	●
820	30	3,0	TRF03.HS30.0820	●
1050	30	3,0	TRF03.HS30.1050	●

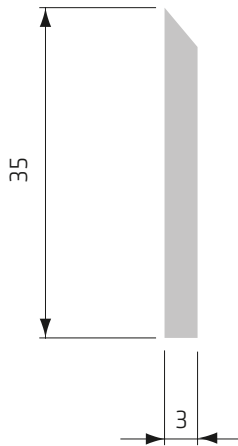


TRF03.HW30 - HW

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
60	30	3,0	TRF03.HW30.0060	●
80	30	3,0	TRF03.HW30.0080	●
100	30	3,0	TRF03.HW30.0100	●
110	30	3,0	TRF03.HW30.0110	●
120	30	3,0	TRF03.HW30.0120	●
130	30	3,0	TRF03.HW30.0130	●
150	30	3,0	TRF03.HW30.0150	●
160	30	3,0	TRF03.HW30.0160	●
180	30	3,0	TRF03.HW30.0180	●
190	30	3,0	TRF03.HW30.0190	●
210	30	3,0	TRF03.HW30.0210	●
230	30	3,0	TRF03.HW30.0230	●
240	30	3,0	TRF03.HW30.0240	●
250	30	3,0	TRF03.HW30.0250	●
260	30	3,0	TRF03.HW30.0260	●
310	30	3,0	TRF03.HW30.0310	●

TRF03/2

HS | HW



Coltelli pialla da 3 mm in HS e HW - H 35 mm

HS and HW Planing knives of 3 mm - H 35 mm

Coltelli pialla di due qualità: HS per legni teneri, resinosi e di media durezza. Coltelli con riporti in HW per legni sabbiosi, duri e composti. Dimensioni: altezza 35 mm, spessore 3 mm.

Planing knives in quality HS or Tungsten Carbide tipped, height 35 mm and thickness 3 mm.

Altezza del coltello | Knife height: 35 mm

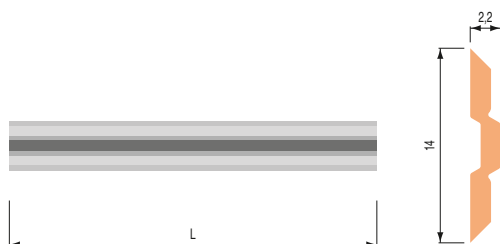
TRF03.HS35 - HS

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
60	35	3,0	TRF03.HS35.0060	●
80	35	3,0	TRF03.HS35.0080	●
100	35	3,0	TRF03.HS35.0100	●
110	35	3,0	TRF03.HS35.0110	●
120	35	3,0	TRF03.HS35.0120	●
130	35	3,0	TRF03.HS35.0130	●
150	35	3,0	TRF03.HS35.0150	●
160	35	3,0	TRF03.HS35.0160	●
170	35	3,0	TRF03.HS35.0170	●
180	35	3,0	TRF03.HS35.0180	●
210	35	3,0	TRF03.HS35.0210	●
230	35	3,0	TRF03.HS35.0230	●
240	35	3,0	TRF03.HS35.0240	●
260	35	3,0	TRF03.HS35.0260	●
300	35	3,0	TRF03.HS35.0300	●
310	35	3,0	TRF03.HS35.0310	●
350	35	3,0	TRF03.HS35.0350	●
400	35	3,0	TRF03.HS35.0400	●
410	35	3,0	TRF03.HS35.0410	●
500	35	3,0	TRF03.HS35.0500	●
510	35	3,0	TRF03.HS35.0510	●
520	35	3,0	TRF03.HS35.0520	●
530	35	3,0	TRF03.HS35.0530	●
600	35	3,0	TRF03.HS35.0600	●
610	35	3,0	TRF03.HS35.0610	●
630	35	3,0	TRF03.HS35.0630	●
640	35	3,0	TRF03.HS35.0640	●
710	35	3,0	TRF03.HS35.0710	●
810	35	3,0	TRF03.HS35.0810	●
820	35	3,0	TRF03.HS35.0820	●
1050	35	3,0	TRF03.HS35.1050	●

TRF03.HW35 - HW

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
60	35	3,0	TRF03.HW35.0060	●
80	35	3,0	TRF03.HW35.0080	●
100	35	3,0	TRF03.HW35.0100	●
110	35	3,0	TRF03.HW35.0110	●
120	35	3,0	TRF03.HW35.0120	●
130	35	3,0	TRF03.HW35.0130	●
150	35	3,0	TRF03.HW35.0150	●
160	35	3,0	TRF03.HW35.0160	●
180	35	3,0	TRF03.HW35.0180	●
190	35	3,0	TRF03.HW35.0190	●
210	35	3,0	TRF03.HW35.0210	●
230	35	3,0	TRF03.HW35.0230	●
240	35	3,0	TRF03.HW35.0240	●
250	35	3,0	TRF03.HW35.0250	●
260	35	3,0	TRF03.HW35.0260	●
310	35	3,0	TRF03.HW35.0310	●

TRF03/3



Coltelli pialla Splanâ™ in HS e HW da 2,2 mm - H 14 mm

Splanâ™ Planing knives in HS and HW of 2,2 mm - H 14 mm

Coltelli reversibili intercambiabili in HS, adatti a lavorare legni teneri e in HW, adatti a lavorare legni duri, abrasivi, truciolari e composti.

Disponibili su richiesta con rivestimento **NaDia** - DLC.

Reversible planing knives in HS, suitable for working on solid wood and in HW, suitable for working on soft and hardwood, abrasive, chipboards and composite.

*Available on request with **NaDia** coating DLC.*

TRF03.HS14 - HS

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
80	14	2,2	TRF03.HS14.0080	●
100	14	2,2	TRF03.HS14.0100	●
120	14	2,2	TRF03.HS14.0120	●
130	14	2,2	TRF03.HS14.0130	●
150	14	2,2	TRF03.HS14.0150	●
160	14	2,2	TRF03.HS14.0160	●
170	14	2,2	TRF03.HS14.0170	●
180	14	2,2	TRF03.HS14.0180	●
190	14	2,2	TRF03.HS14.0190	●
230	14	2,2	TRF03.HS14.0230	●
240	14	2,2	TRF03.HS14.0240	●
250	14	2,2	TRF03.HS14.0250	●

TRF03.HW14 - HW

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
80	14	2,2	TRF03.HW14.0080	●
100	14	2,2	TRF03.HW14.0100	●
120	14	2,2	TRF03.HW14.0120	●
130	14	2,2	TRF03.HW14.0130	●
150	14	2,2	TRF03.HW14.0150	●
160	14	2,2	TRF03.HW14.0160	●
170	14	2,2	TRF03.HW14.0170	●
180	14	2,2	TRF03.HW14.0180	●
190	14	2,2	TRF03.HW14.0190	●
230	14	2,2	TRF03.HW14.0230	●
240	14	2,2	TRF03.HW14.0240	●
250	14	2,2	TRF03.HW14.0250	●

TRF03/4



Coltelli pialla Bulldozer™ in HW da 1,8 mm - H 13,6 mm

Bulldozer™ Planing knives in HW of 1,8 mm - H 13,6 mm

Coltelli reversibili intercambiabili in HW adatti a lavorare legni teneri, duri, abrasivi, truciolari e composti. Disponibili su richiesta con rivestimento **NaDia** - DLC.

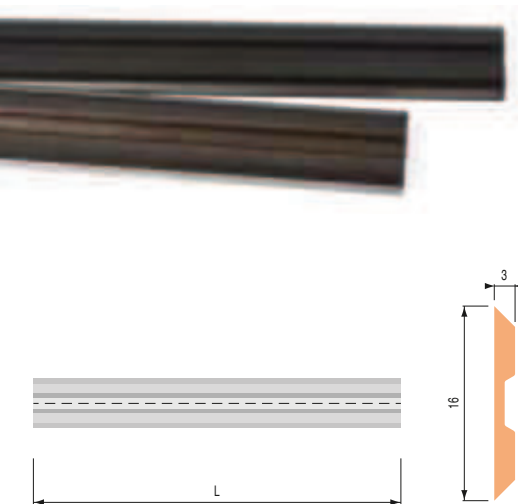
*Reversible planing knives in HW suitable for working on solid and hardwood, abrasive, chipboards and composite wood. Available on request with **NaDia** coating DLC.*

TRF03.HW13 - HW

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
60	13,6	1,8	TRF03.HW13.0060	●
70	13,6	1,8	TRF03.HW13.0070	●
80	13,6	1,8	TRF03.HW13.0080	●
100	13,6	1,8	TRF03.HW13.0100	●
110	13,6	1,8	TRF03.HW13.0110	●
120	13,6	1,8	TRF03.HW13.0120	●
130	13,6	1,8	TRF03.HW13.0130	●
140	13,6	1,8	TRF03.HW13.0140	●
150	13,6	1,8	TRF03.HW13.0150	●
160	13,6	1,8	TRF03.HW13.0160	●
180	13,6	1,8	TRF03.HW13.0180	●
190	13,6	1,8	TRF03.HW13.0190	●
200	13,6	1,8	TRF03.HW13.0200	●
220	13,6	1,8	TRF03.HW13.0220	●
230	13,6	1,8	TRF03.HW13.0230	●
240	13,6	1,8	TRF03.HW13.0240	●
250	13,6	1,8	TRF03.HW13.0250	●
260	13,6	1,8	TRF03.HW13.0260	●

TRF03/5

HS | HW



Coltelli pialla RABØT™ in HS 18% e HW da 3,0 mm - H 16,0 mm

RABØT™ Planing knives in HS 18% and HW of 3,0 mm - H 16,0 mm

Coltelli reversibili intercambiabili in HS, adatti a lavorare legni teneri e in HW, adatti a lavorare legni duri, abrasivi, truciolari e composti. Coltelli tipo Centrolock. Disponibili su richiesta con rivestimento **NaDia** - DLC.

Reversible planing knives in HS, suitable for working on solid wood and in HW, suitable for working on soft and hardwood, abrasive, chipboards and composite. Centrolock type knives.

*Available on request with **NaDia** coating DLC.*

TRF03.HS16 - HS

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
60	16	3,0	TRF03.HS16.0060	●
80	16	3,0	TRF03.HS16.0080	●
100	16	3,0	TRF03.HS16.0100	●
130	16	3,0	TRF03.HS16.0130	●
150	16	3,0	TRF03.HS16.0150	●
160	16	3,0	TRF03.HS16.0160	●
180	16	3,0	TRF03.HS16.0180	●
190	16	3,0	TRF03.HS16.0190	●
220	16	3,0	TRF03.HS16.0220	●
230	16	3,0	TRF03.HS16.0230	●
240	16	3,0	TRF03.HS16.0240	●
260	16	3,0	TRF03.HS16.0260	●
270	16	3,0	TRF03.HS16.0270	●
300	16	3,0	TRF03.HS16.0300	●
310	16	3,0	TRF03.HS16.0310	●
460	16	3,0	TRF03.HS16.0460	●
650	16	3,0	TRF03.HS16.0650	●
710	16	3,0	TRF03.HS16.0710	●
810	16	3,0	TRF03.HS16.0810	●
1050	16	3,0	TRF03.HS16.1050	●

TRF03.HW16 - HW

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
60	16	3,0	TRF03.HW16.0060	●
80	16	3,0	TRF03.HW16.0080	●
100	16	3,0	TRF03.HW16.0100	●
130	16	3,0	TRF03.HW16.0130	●
150	16	3,0	TRF03.HW16.0150	●
160	16	3,0	TRF03.HW16.0160	●
180	16	3,0	TRF03.HW16.0180	●
190	16	3,0	TRF03.HW16.0190	●
220	16	3,0	TRF03.HW16.0220	●
230	16	3,0	TRF03.HW16.0230	●
240	16	3,0	TRF03.HW16.0240	●
260	16	3,0	TRF03.HW16.0260	●
270	16	3,0	TRF03.HW16.0270	●
300	16	3,0	TRF03.HW16.0300	●
310	16	3,0	TRF03.HW16.0310	●
460	16	3,0	TRF03.HW16.0460	●
650	16	3,0	TRF03.HW16.0650	●

TRF04/1

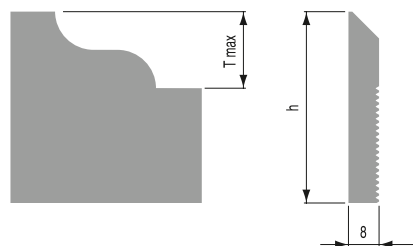
HS



Profondità del profilo:

Profile depths:

h mm	T max mm
50	15
60	25
70	35



Coltelli pialla non profilati zigrinati in HS da 8 mm

HS Serrated back knives of 8 mm

Coltelli in HS non profilati da 8 mm di spessore e zigrinati sul dorso (millerighe).

Unprofiled serrated back knives HS M2, 8 mm thickness.

TRF04.H50 - HS

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
650	50	8	TRF04.HS50.0650	●

TRF04.H60 - HS

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
650	60	8	TRF04.HS60.0650	●

TRF04.H70 - HS

L [mm]	H [mm]	S [mm]	Codice / Code	Disp. / Avail.
650	70	8	TRF04.HS70.0650	●



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Manual feed tools - MAN

Utensili ad avanzamento manuale



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Articolo | Issue

Cod.

Pag.

Utensili ad avanzamento manuale - MAN | *Manual feed tools MAN*

Fresa per incastri - Lamello <i>Groove cutter for biscuit jointers - Lamello</i>	TCT01/1 · TCT01/3	4
Fresa per incastri concavi "mini spot" <i>Groove cutter "mini spot"</i>	TCT01/2	5
Fresa per incastri registrabili <i>Brazed adjustable groover</i>	TCT04/1 · TCT04/2	6
Testa con coltellini per incastri registrabili	TCT01/4	7
<i>Adjustable cutterhead with reversible knives for grooves</i>	TCT01/5	8
Testa con coltellini per tenoni registrabili <i>Adjustable grooves cutterhead for tenons</i>	TCT01/6	10
Incastro registrabile modulare <i>Modular adjustable groove cutter</i>	TCT01/7	11
Testa con coltellini per incastri <i>Groove cutterhead with reversible knives</i>	TCT01/8	12
Fresa orientabile per smussi - SINCRO	TCT02/1	14
<i>Variable angle cutterhead for rebate and chamfers - SINCRO</i>		
Testa con coltellini a inclinazione variabile per smussi - 45°	TCT02/2	15
<i>Cutterhead with adjustable angle knives for chamfering - 45°</i>		
Testa con coltellini a inclinazione variabile per smussi	TCT02/3	16
<i>Cutterhead with adjustable angle knives for chamfering</i>		
Testa portacoltelli per smussi a 45° <i>Cutterhead for 45° bevels</i>	TCT02/4	17
Testa con coltellini per quarti di tondo <i>Cutterhead with knives for quarter rounds</i>	TCT02/5	18
Set multiraggio <i>Multiradius Sets</i>	TCT02/6 · TCT02/7	20-21
Set per raggi concavi e convessi <i>Tooling set for concave and convex quarter rounds</i>	TCT02/8	22
Set mezzitondi <i>Half-round sets</i>	TCP02/9	23
Set utensili per raggiare e smussare <i>Tooling set for rounding and chamfering</i>	TBT02/1	24
Testa con coltellini per battute con taglienti inclinati alternati e rasanti	TCT03/1 · TCT03/2	26
<i>Cutterhead with alternate shear reversible knives and spurs</i>		
Testa per piattabande multiprofilo con coltelli in HW	TCT03/3	27
<i>Panel raising cutterhead with knives in HW</i>		
Set piattabanda professionale <i>Professional panel raising set</i>	TCT03/4	30
Set piattabanda a tre profili <i>Panel raising set with three profiles</i>	TCT03/5	32
Set controprofilo-piattabanda <i>Kitchen cabinet set</i>	TCT03/6	33
Set utensili per antine e porte interne <i>Doors and kitchen cabinet set</i>	TCT03/7	35
Set utensili per parchetti e perline <i>Tongue and groove tooling set</i>	TCT03/8	39
Testa per giunzioni a 45° <i>45° mitre joint cutterhead</i>	TCT05/1	42
Testa con coltellini per giunzioni a 45° <i>Mitre joint cutterhead 45°</i>	TCT05/2	43
Testa per giunzioni <i>Joint cutterhead</i>	TCT05/3	44
Testa per giunzioni a spessore variabile <i>Adjustable joint cutterhead</i>	TCT05/4	45
Testa elicoidale a pre-piallare <i>Helical pre-planning head</i>	TCT06/1	46

Legenda Disponibilità/Availability:

- - Articolo disponibile con spedizione da Twt in 3-4 gg. lavorativi (questo tipo di disponibilità è riferita ad articoli con variante foro di base. Per fori più grandi la disponibilità è quella successiva).
- - Article available ex stock with delivery from Twt in 3-4 working days (This kind of availability refers to articles with basic hole dimension. For larger holes the availability and delivery are the next one).
- - Articolo non in stock con spedizione da Twt in 10 gg lavorativi.
- - Article available in short notice and delivery from Twt in 10 working days.
- - Articolo non in stock con spedizione da Twt in 20 gg lavorativi.
- - Article available in medium notice and delivery from Twt in 20 working days.

TCT01/1

TCT01/3

MAN | HW

Fresa per incastri - Lamello

Groove cutter for biscuit jointers - Lamello

Fresa a taglienti e rasanti riportati in HW per eseguire incastri con fresatrici manuali. Adatta al taglio lungo vena e trasverso vena su legni teneri e duri, multistrato truciolari, MDF e laminati.

HW groove cutter for grooving. Suitable for standard handheld machines to produce biscuit joints.



TCT01/1 - MAN / HW

Ø D (mm)	B (mm)	d (mm)	Z	V	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
100	3,95	22	2	4	13900	TCT01.100E.0001	●	AF 182

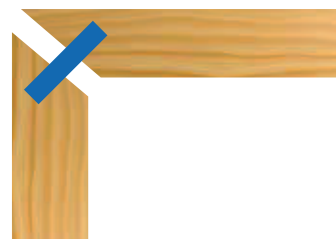
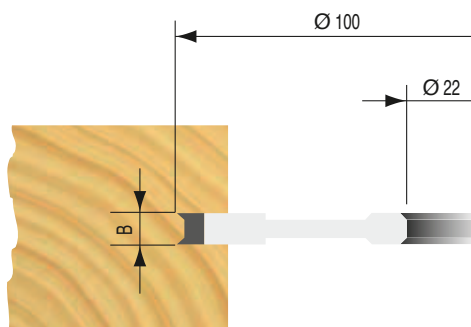
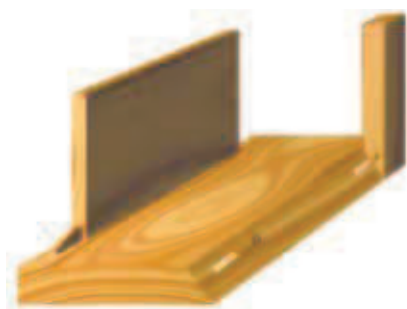
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



TCT01/3 - MAN / HW

Ø D (mm)	B (mm)	d (mm)	Z	V	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
100	8	22	4	4	13900	TCT01.100E.0002	●	AF 304

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi | Spare Parts

						
TCT01/3	Art. Nr.	TRF02.1819.G001	TRF08.RD12.1101	TRF02.1412.G014	TRF08.M450.0401	TRF08.RD10.1001
	Dim.	18x18x1,95	12x1,7	14x14x1,2	M4x3,2	10x1,6
	Pcs	10	10	10	10	10

Fresa per incastri concavi "mini spot"

Groove cutter "mini spot"

Fresa saldobrasata a taglienti riportati in HW per eseguire incastri concavi con fresatrici manuali. Utilizzata per eliminare sacche di resina.

TCT-cutter with steel body and 4 pin holes for standard handheld machines. Chip thickness limitation and reduced recoil, suitable for manual feed.

TCT01/2

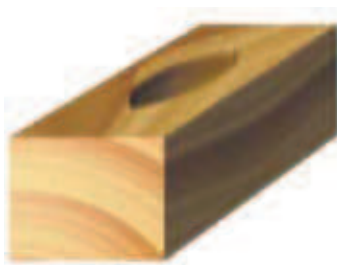
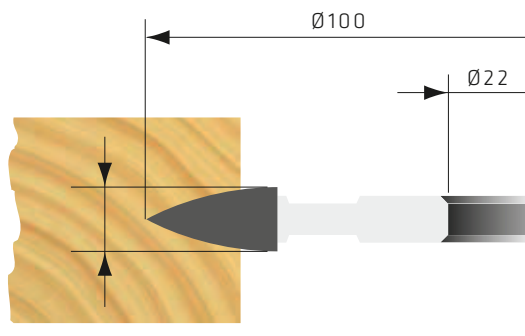
MAN | HW



TCT01/1 - MAN / HW

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
100	8	22	4	13900	TCT01.100E.0003	●	AF 446

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



TCT04/1

TCT04/2

MAN I HW

Fresa per incastri registrabili

Brazed adjustable groover

Fresa saldobrasata a taglienti e rasanti riportati in HW per eseguire incastri di precisione a spessore variabile (da 1,8 a 4,8 mm e da 4 a 14 mm). La fresa viene fornita completa di anelli distanziali.

HW brazed cutter with spurs for making precision grooves with various thickness (from 1,8 to 4,8 mm and from 4 to 14 mm). The tool is complete with spacing rings.

TCT04/1 - MAN / HW

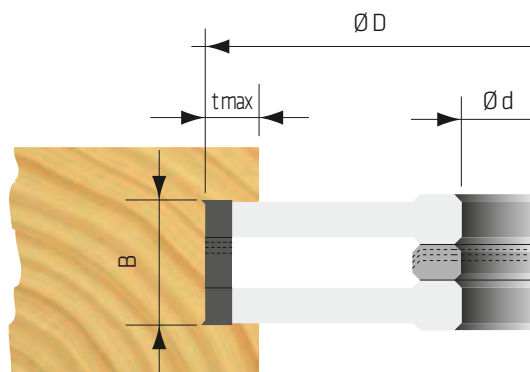
Ø D (mm)	B (mm)	d (mm)	Z	V	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
140	1,8-3,4	30	4	4	15	9800	TCT04.140A.0001	●	AF 645
140	1,8-3,4	35	4	4	15	9800	TCT04.140B.0001	●	AF 690
140	1,8-3,4	40	4	4	15	9800	TCT04.140C.0001	●	AF 690
140	1,8-3,4	50	4	4	15	9800	TCT04.140D.0001	●	AF 690
140	2,5-4,8	30	4	4	15	9800	TCT04.140A.0002	●	AF 663
140	2,5-4,8	35	4	4	15	9800	TCT04.140B.0002	●	AF 708
140	2,5-4,8	40	4	4	15	9800	TCT04.140C.0002	●	AF 708
140	2,5-4,8	50	4	4	15	9800	TCT04.140D.0002	●	AF 708

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TCT04/2 - MAN / HW

Ø D (mm)	B (mm)	d (mm)	Z	V	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
160	4,0-7,5	30	4	4	35	8600	TCT04.160A.0001	●	AF 670
160	4,0-7,5	35	4	4	35	8600	TCT04.160B.0001	●	AF 716
160	4,0-7,5	40	4	4	35	8600	TCT04.160C.0001	●	AF 716
160	4,0-7,5	50	4	4	35	8600	TCT04.160D.0001	●	AF 716
160	7,5-14,0	30	4	4	35	8600	TCT04.160A.0002	●	AF 690
160	7,5-14,0	35	4	4	35	8600	TCT04.160B.0002	●	AF 736
160	7,5-14,0	40	4	4	35	8600	TCT04.160C.0002	●	AF 736
160	7,5-14,0	50	4	4	35	8600	TCT04.160D.0002	●	AF 736

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Testa con coltellini per incastri registrabili

Adjustable cutterhead with reversible knives for grooves

TCT01/4

MAN I HW

Testa con coltellini e rasanti in HW reversibili per eseguire incastri sottili di precisione (da 4 a 15 mm). L'utensile viene fornito completo di anelli distanziali. L'elemento centrale (tipo B) a due taglienti, monta coltelli standard da 7,65x12x1,5 mm.

Cutterhead with HW reversible knives and spurs for making thin precision grooves (from 4 to 15 mm), adjustable by means of spacing rings. The central element (type B) fits two standard disposable knives of 7,65x12x1,5 mm. Spacing rings are included.



Corpo in acciaio | Steel body - MAN / HW

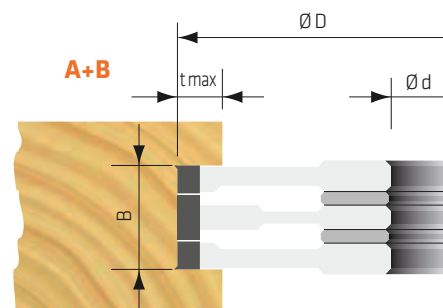
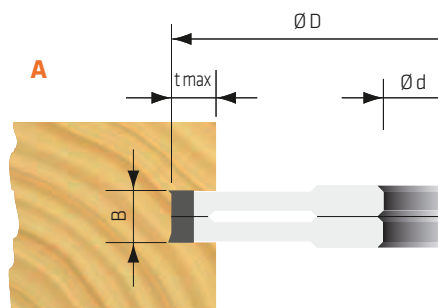
Ø D (mm)	B (mm)	d (mm)	Z	V	N° utensile / Tool number	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
140	4,0-7,5	30	4	4	A	32	9400	TCT01.140A.0001	●	AF 616
140	4,0-7,5	35	4	4	A	32	9400	TCT01.140B.0001	●	AF 661
140	7,65	30	2	0	B	32	9400	TCT01.140A.0002	●	AF 418
140	7,65	35	2	0	B	32	9400	TCT01.140B.0002	●	AF 462
140	4,0-15,0	30	4+2	4	A+B	32	9400	TBT01.140A.0001	●	AF 1032
140	4,0-15,0	35	4+2	4	A+B	32	9400	TBT01.140B.0001	●	AF 1078
160	4,0-7,5	40	4	4	A	35	8200	TCT01.160C.0001	●	AF 691
160	4,0-7,5	50	4	4	A	35	8200	TCT01.160D.0001	●	AF 737
160	7,65	40	2	0	B	35	8200	TCT01.160C.0002	●	AF 663
160	7,65	50	2	0	B	35	8200	TCT01.160D.0002	●	AF 708
160	4,0-15,0	40	4+2	4	A+B	35	8200	TBT01.160C.0001	●	AF 1353
160	4,0-15,0	50	4+2	4	A+B	35	8200	TBT01.160D.0001	●	AF 1399
180	4,0-7,5	30	8	4	A	37	7300	TCT01.180A.0001	●	AF 709
180	4,0-7,5	35	8	4	A	37	7300	TCT01.180B.0001	●	AF 756
180	4,0-7,5	40	8	4	A	37	7300	TCT01.180C.0001	●	AF 756
180	4,0-7,5	50	8	4	A	37	7300	TCT01.180D.0001	●	AF 756
180	7,65	30	2	0	B	37	7300	TCT01.180A.0002	●	AF 465
180	7,65	35	2	0	B	37	7300	TCT01.180B.0002	●	AF 510
180	7,65	40	2	0	B	37	7300	TCT01.180C.0002	●	AF 510
180	7,65	50	2	0	B	37	7300	TCT01.180D.0002	●	AF 510
180	4,0-15,0	30	8+2	4	A+B	37	7300	TBT01.180A.0001	●	AF 1175
180	4,0-15,0	35	8+2	4	A+B	37	7300	TBT01.180B.0001	●	AF 1219
180	4,0-15,0	40	8+2	4	A+B	37	7300	TBT01.180C.0001	●	AF 1219
180	4,0-15,0	50	8+2	4	A+B	37	7300	TBT01.180D.0001	●	AF 1219

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Combinazioni possibili Cutterhead combinations

Type	Set	B [mm]
A+B 140	TBT01.140	4 ÷ 15
A+B 160	TBT01.160	4 ÷ 15
A+B 180	TBT01.180	4 ÷ 15



Ricambi Spare Parts								
A	Art. Nr.	TRF02.1819.G001	TRF08.M450.0401	TRF08.RD12.1101		TRF02.1412.G014	TRF08.M450.0401	TRF08.RD10.1001
	Dim.	18x18x1,95	M4x3,2	12x1,7		14x14x1,2	M4x3,2	10x1,65
	Pcs	10	10	10		10	10	10
B	Art. Nr.	TRF01.1215.A008			TRF07.3500.0021	TRF08.M550.2403		
	Dim.	7,65x12x1,5			6,8	M5x18		
	Pcs	10			2	10		

TCT01/5

MAN I HW

Testa con coltellini per incastri registrabili

Adjustable cutterhead with reversible knives for grooves

Testa con coltellini e rasanti in HW reversibili per eseguire incastri di precisione. L'utensile viene fornito completo di anelli distanziali. L'elemento centrale, a due taglienti e 15 mm di spessore (tipo B), permette di ottenere maggiori larghezze di taglio.

Cutterhead with steel body, tungsten carbide standard reversible knives and spurs, adjustable with 1/10 mm spacing rings (included) for high precision groove cutting, chip thickness limitation and reduced recoil, suitable for manual and mechanical feed.



Corpo in acciaio | Steel body - MAN / HW

Ø D (mm)	B (mm)	d (mm)	Z	V	N° utensile / Tool number	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
160	8,0-15,0	30	4	4	A ₁	30	8200	TCT01.160A.0001	●	AF 598
160	8,0-15,0	35	4	4	A ₁	30	8200	TCT01.160B.0001	●	AF 642
160	8,0-15,0	40	4	4	A ₁	30	8200	TCT01.160C.0003	●	AF 642
160	8,0-15,0	50	4	4	A ₁	30	8200	TCT01.160D.0003	●	AF 642
160	15	30	2	0	B ₁	30	8200	TCT01.160A.0002	●	AF 446
160	15	35	2	0	B ₁	30	8200	TCT01.160B.0002	●	AF 490
160	15	40	2	0	B ₁	30	8200	TCT01.160C.0004	●	AF 490
160	15	50	2	0	B ₁	30	8200	TCT01.160D.0004	●	AF 490
160	8,0-28,0	30	4+2	4	A ₁ +B ₁	30	8200	TBT01.160A.0001	●	AF 1041
160	8,0-28,0	35	4+2	4	A ₁ +B ₁	30	8200	TBT01.160B.0001	●	AF 1087
160	8,0-28,0	40	4+2	4	A ₁ +B ₁	30	8200	TBT01.160C.0002	●	AF 1087
160	8,0-28,0	50	4+2	4	A ₁ +B ₁	30	8200	TBT01.160D.0002	●	AF 1087
160	12,5-24,0	30	4	4	A ₂	30	8200	TCT01.160A.0003	●	AF 626
160	12,5-24,0	35	4	4	A ₂	30	8200	TCT01.160B.0003	●	AF 670
160	12,5-24,0	40	4	4	A ₂	30	8200	TCT01.160C.0005	●	AF 670
160	12,5-24,0	50	4	4	A ₂	30	8200	TCT01.160D.0005	●	AF 670
160	16,0-30,0	30	4	4	A ₃	30	8200	TCT01.160A.0004	●	AF 634
160	16,0-30,0	35	4	4	A ₃	30	8200	TCT01.160B.0004	●	AF 680
160	16,0-30,0	40	4	4	A ₃	30	8200	TCT01.160C.0006	●	AF 680
160	16,0-30,0	50	4	4	A ₃	30	8200	TCT01.160D.0006	●	AF 680
160	15	30	2	0	B ₂	30	8200	TCT01.160A.0005	●	AF 446
160	15	35	2	0	B ₂	30	8200	TCT01.160B.0005	●	AF 490
160	15	40	2	0	B ₂	30	8200	TCT01.160C.0007	●	AF 490
160	15	50	2	0	B ₂	30	8200	TCT01.160D.0007	●	AF 490
160	16,0-44,0	30	4+2	4	A ₃ +B ₂	30	8200	TBT01.160A.0002	●	AF 1080
160	16,0-44,0	35	4+2	4	A ₃ +B ₂	30	8200	TBT01.160B.0002	●	AF 1124
160	16,0-44,0	40	4+2	4	A ₃ +B ₂	30	8200	TBT01.160C.0003	●	AF 1124
160	16,0-44,0	50	4+2	4	A ₃ +B ₂	30	8200	TBT01.160D.0003	●	AF 1124

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

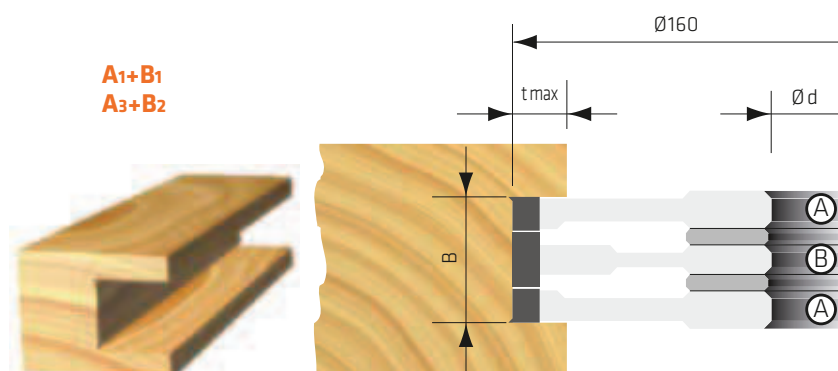
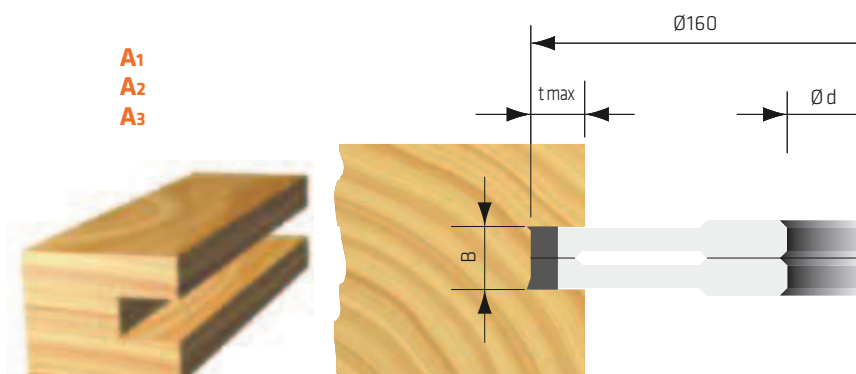
Combinazioni possibili Cutterhead combinations

Type	Set	B [mm]
A ₁ + B ₁	TBT01.160A.0001 TBT01.160B.0001 TBT01.160C.0002 TBT01.160D.0002	8 ÷ 28
A ₃ + B ₂	TBT01.160A.0002 TBT01.160B.0002 TBT01.160C.0003 TBT01.160D.0003	16 ÷ 44

Testa con coltellini per incastri registrabili
Adjustable cutterhead with reversible knives for grooves

TCT01/5

MAN I HW



Ricambi Spare Parts						
A1	Art. Nr.	TRF01.1215.A008	TRF01.3500.0021	TRF08.M550.2403	TRF02.1420.G014	TRF08.M550.0002
	Dim.	7,65x12x1,5	6,8	M5x18	14x14x2	M5x7
	Pcs	10	2	10	10	10
A2	Art. Nr.	TRF01.1215.A012	TRF01.3500.0023	TRF08.M550.2403	TRF02.1420.G014	TRF08.M550.0002
	Dim.	12x12x1,5	9	M5x18	14x14x2	M5x7
	Pcs	10	2	10	10	10
A3	Art. Nr.	TRF01.1215.A015	TRF01.3500.0004	TRF08.M750.2402	TRF02.1420.G014	TRF08.M550.0002
	Dim.	15x12x1,5	11	M7x21	14x14x2	M5x7
	Pcs	10	2	10	10	10
B1-B2	Art. Nr.	TRF01.1215.A015	TRF01.3500.0004	TRF08.M750.2402		
	Dim.	15x12x1,5	13	M7x21		
	Pcs	10	2	10		

TCT01/6

MAN I HW

Testa con coltellini per tenoni registrabili Adjustable grooves cutterhead for tenons

Testa con coltellini e rasanti in HW per eseguire tenoni di spessore variabile (da 8 a 15 mm). La regolazione avviene per mezzo di anelli distanziali compresi nella fornitura.

Cutterhead with steel body, tungsten carbide standard reversible knives and spurs, adjustable with 1/10 mm spacing rings (included) for high precision slot and tenon milling, chip thickness limitation and reduced recoil, suitable for manual and mechanical feed.

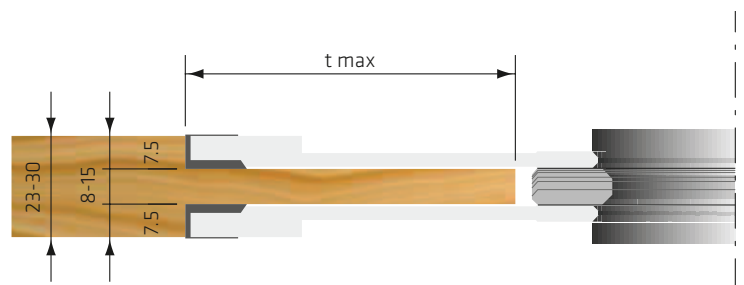
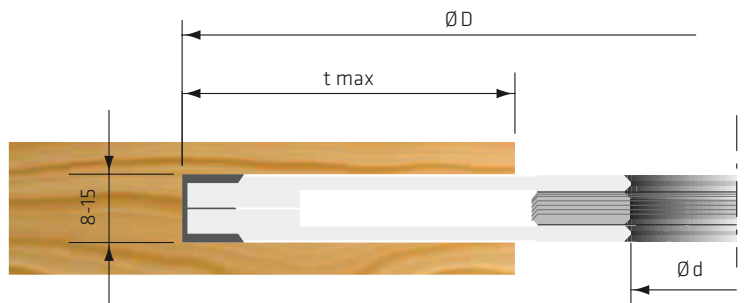


Corpo in acciaio | Steel body - MAN - Z4 V4 - HW

Ø D (mm)	B (mm)	d (mm)	Z	V	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
200	8,0-15,0	30	4	4	65	6500	TCT01.200A.0001	●	AF 899
200	8,0-15,0	35	4	4	65	6500	TCT01.200B.0001	●	AF 944
200	8,0-15,0	40	4	4	65	6500	TCT01.200C.0001	●	AF 944
200	8,0-15,0	50	4	4	65	6500	TCT01.200D.0001	●	AF 944
250	8,0-15,0	30	4	4	90	5200	TCT01.250A.0001	●	AF 919
250	8,0-15,0	35	4	4	90	5200	TCT01.250B.0001	●	AF 964
250	8,0-15,0	40	4	4	90	5200	TCT01.250C.0001	●	AF 964
250	8,0-15,0	50	4	4	90	5200	TCT01.250D.0001	●	AF 964

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi | Spare Parts

						
TCT01/6	Art. Nr.	TRF01.1215.A008	TRF07.3500.0021	TRF08.M550.2403	TRF02.1420.G014	TRF08.M550.0002
	Dim.	7,65x12x1,5	6,8	M5x18	14x14x2	M5x7
	Pcs	10	2	10	10	10

Incastro registrabile modulare

Modular adjustable groove cutter

TCT01/7

MAN I HW

Testa con coltellini e rasanti in HW reversibili per eseguire incastri di precisione (da 28 a 55 mm).

Cutterhead with HW reversible knives and spurs for making precision grooves (from 28 to 55 mm).



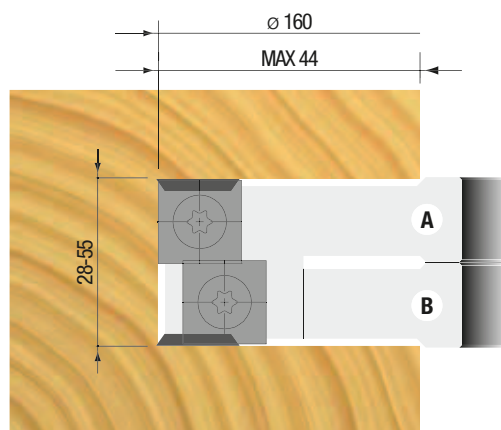
Corpo in acciaio | Steel body - MAN - Z4 V4 - HW

Ø D (mm)	B (mm)	d (mm)	Z	V	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
160	28,0-55,0	30	4	4	44	8200	TCT01.160A.0006	●	AF 1046
160	28,0-55,0	35	4	4	44	8200	TCT01.160B.0006	●	AF 1092
160	28,0-55,0	40	4	4	44	8200	TCT01.160C.0008	●	AF 1092
160	28,0-55,0	50	4	4	44	8200	TCT01.160D.0008	●	AF 1092

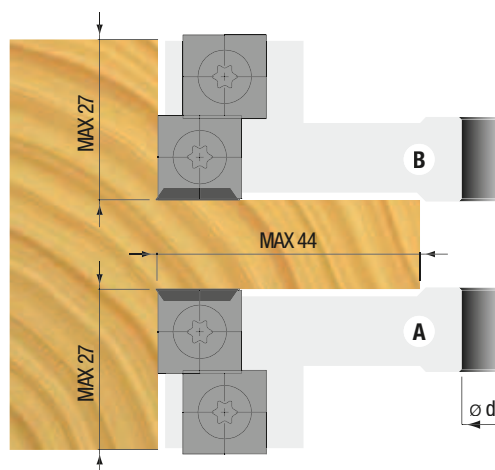
Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Standard



Combinazioni possibili Cutterhead combinations



Ricambi Spare Parts			
TCT01/7	Art. Nr.	TRF02.1420.G014	TRF08.M550.0002
	Dim.	14x14x2	M5x7
	Pcs	10	10

TCT01/8

MAN I HW

Testa con coltellini per incastri Groove cutterhead with reversible knives

Testa con coltellini e rasanti in HW reversibili per eseguire incastri sottili di precisione (da 4 a 6 mm e da 8 a 12 mm).

Cutterhead with HW reversible knives and spurs for making thin precision grooves (from 4 to 6 mm and from 6 to 8 mm).



Corpo in acciaio | Steel body - MAN - Z4 V4 - HW

Ø D (mm)	B (mm)	d (mm)	Z	V	N° utensile / Tool number	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
140	4	30	4	4	A	32	9400	TCT01.140A.0444	●	AF 705
140	4	35	4	4	A	32	9400	TCT01.140B.0444	●	AF 750
140	4	40	4	4	A	32	9400	TCT01.140C.0444	●	AF 750
140	4	50	4	4	A	32	9400	TCT01.140D.0444	●	AF 750
140	5	30	4	4	B	32	9400	TCT01.140A.0544	●	AF 721
140	5	35	4	4	B	32	9400	TCT01.140B.0544	●	AF 767
140	5	40	4	4	B	32	9400	TCT01.140C.0544	●	AF 767
140	5	50	4	4	B	32	9400	TCT01.140D.0544	●	AF 767
140	6	30	4	4	C	32	9400	TCT01.140A.0644	●	AF 737
140	6	35	4	4	C	32	9400	TCT01.140B.0644	●	AF 784
140	6	40	4	4	C	32	9400	TCT01.140C.0644	●	AF 784
140	6	50	4	4	C	32	9400	TCT01.140D.0644	●	AF 784



Corpo in acciaio | Steel body - MAN - Z4 V4 - HW

Ø D (mm)	B (mm)	d (mm)	Z	V	N° utensile / Tool number	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
140	8	30	4	4	D	32	9400	TCT01.140A.0844	●	AF 640
140	8	35	4	4	D	32	9400	TCT01.140B.0844	●	AF 684
140	8	40	4	4	D	32	9400	TCT01.140C.0844	●	AF 684
140	8	50	4	4	D	32	9400	TCT01.140D.0844	●	AF 684
140	10	30	4	4	E	32	9400	TCT01.140A.1044	●	AF 652
140	10	35	4	4	E	32	9400	TCT01.140B.1044	●	AF 698
140	10	40	4	4	E	32	9400	TCT01.140C.1044	●	AF 698
140	10	50	4	4	E	32	9400	TCT01.140D.1044	●	AF 698
140	12	30	4	4	F	32	9400	TCT01.140A.1244	●	AF 672
140	12	35	4	4	F	32	9400	TCT01.140B.1244	●	AF 718
140	12	40	4	4	F	32	9400	TCT01.140C.1244	●	AF 718
140	12	50	4	4	F	32	9400	TCT01.140D.1244	●	AF 718

Altre misure disponibili su richiesta | Other dimensions available on request

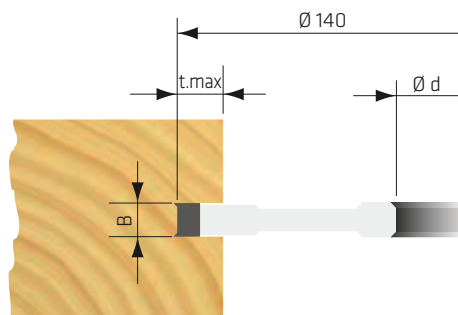
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Testa con coltellini per incastri

Groove cutterhead with reversible knives

TCT01/8

MAN I HW



Ricambi Spare Parts							
A	Art. Nr.	TRF02.1819.G001	TRF08.M450.0401	TRF08.RD12.1101	TRF02.1412.G014	TRF08.M450.0401	TRF08.RD10.1001
	Dim.	18x18x1,95	M4x3,2	12x1,7	14x14x1,2	M4x3,2	10x1,65
	Pcs	10	10	10	10	10	10
B	Art. Nr.	TRF02.1825.G001	TRF08.M450.0402	TRF08.RD12.1102	TRF02.1417.G001	TRF08.M450.0402	TRF08.RD10.1002
	Dim.	18x18x2,45	M4x4	12x2,2	14x14x1,7	M4x4	10x2,1
	Pcs	10	10	10	10	10	10
C	Art. Nr.	TRF02.1829.G001	TRF08.M450.0402	TRF08.RD12.1102	TRF02.1417.G001	TRF08.M450.0402	TRF08.RD10.1002
	Dim.	18x18x2,95	M4x4	12x2,2	14x14x1,7	M4x4	10x2,1
	Pcs	10	10	10	10	10	10

Ricambi Spare Parts						
D	Art. Nr.	TRF01.1215.A008	TRF07.3500.0021	TRF08.M550.2403	TRF02.1420.G001	TRF08.M550.0002
	Dim.	7,65x12x1,5	6,8	M5x18	14x14x2	M5x7
	Pcs	10	2	10	10	10
E	Art. Nr.	TRF01.1215.A010	TRF07.3500.0022	TRF08.M550.2403	TRF02.1420.G001	TRF08.M550.0002
	Dim.	9,6x12x1,5	7,6	M5x18	14x14x2	M5x7
	Pcs	10	2	10	10	10
F	Art. Nr.	TRF01.1215.A011	TRF07.3500.0021	TRF08.M550.2403	TRF02.1420.G001	TRF08.M550.0002
	Dim.	11,6x12x1,5	9	M5x18	14x14x2	M5x7
	Pcs	10	2	10	10	10

TCT02/1

MAN | HW | Z=2



Fresa orientabile per smussi - SINCRO

Variable angle cutterhead for rebate and chamfers - SINCRO

Corpo in acciaio ad alta resistenza con inserti HW. Fresa a smussi orientabile in **continuo SINCRO da -75° a +75°**, con coltellini reversibili a 4 taglienti Z4. La regolazione dei gradi si ottiene contemporaneamente sui due coltelli tramite rotazione della apposita ghiera graduata posta sopra la fresa.

Per questa fresa è stato messo a punto un nuovo meccanismo di regolazione che permette di avere la massima precisione senza giochi tra la ghiera filettata e il tassello ruotante, con una tolleranza max compresa tra 0,02 e 0,03 (sino ad oggi la tolleranza è sempre stata compresa tra 0,07 e 0,08).

*High resistance steel body with HW inserts. Variable angle cutterhead **SINCRO for rebate and chamfers from -75° to +75°**, with reversible 4 cutting edges Z4 knives. The adjustment of the degrees is obtained simultaneously on the two knives by rotating the special graduated ring placed above the cutter.*

A new adjustment mechanism has been developed for this cutter which allows for maximum precision without play between the threaded ring nut and the rotating plug, with a maximum tolerance between 0.02 and 0.03 (up to now the tolerance has always been between 0.07 and 0.08).

Corpo in acciaio | Steel body - MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
155	50	30	2	8000	TCT02.155A.7550	●	AF 1865
155	50	35	2	8000	TCT02.155B.7550	●	AF 1865
155	50	40	2	8000	TCT02.155C.7550	●	AF 1865
155	80	30	2	8000	TCT02.155A.4580	●	AF 2536
155	80	35	2	8000	TCT02.155B.4580	●	AF 2536
155	80	40	2	8000	TCT02.155C.4580	●	AF 2536
170	50	30	2	7500	TCT02.170A.7550	●	AF 2014
170	50	35	2	7500	TCT02.170B.7550	●	AF 2014
170	50	40	2	7500	TCT02.170C.7550	●	AF 2014
170	50	50	2	7500	TCT02.170D.7550	●	AF 2014
170	80	40	2	7500	TCT02.170C.4580	●	AF 2610
170	80	50	2	7500	TCT02.170D.4580	●	AF 2610

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Q.tà min. / Min. Q.ty	Codice / Code	Disp. / Avail.	Cod. listino / Price code
50	12	1,5	2	10	TRF01.1215.A050	●	BFO 99
80	13	2,2	2	10	TRF01.1215.A080	●	BFO 438

Ricambi disponibili su richiesta con rivestimento **NaDia** - DLC | Spare inserts available on request with **NaDia** coating DLC

Quantità minime d'ordine | Minimum order quantities

Testa con coltellini a inclinazione variabile per smussi

Cutterhead with adjustable angle knives for chamfering

TCT02/2

MAN | HW | Z=2

Testa con coltellini in HW reversibili per eseguire smussi con **angolazione variabile da 0° a 70°**. La regolazione degli spostamenti angolari avviene **grado per grado**. Le caratteristiche costruttive consentono un impiego pressoché universale.

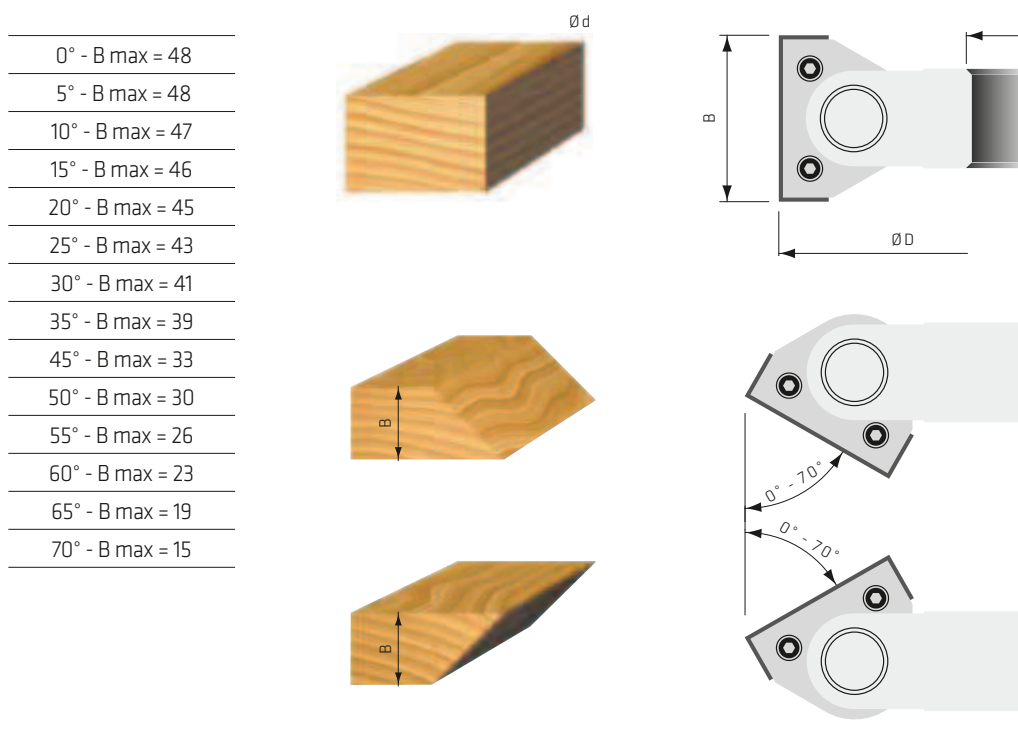
*Steel body execution with high-precision wing adjustability in **1° increments between 0°-70° to both sides**, standard tungsten carbide reversible knives, for milling solid wood and all types of board material. Suitable for manual feed.*



Corpo in acciaio | Steel body - MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
160	50	30	2	7500	TCT02.160A.7050	●	AF 1561
160	50	35	2	7500	TCT02.160B.7050	●	AF 1608
160	50	40	2	7500	TCT02.160C.7050	●	AF 1608
170	50	50	2	7000	TCT02.170D.7050	●	AF 1561

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi Spare Parts				
TCT02/2	Art. Nr.	TRF01.1215.A050	TRF07.3026.0002	TRF08.M650.1401
	Dim.	50x12x1,5	47	M6x12
	Pcs	10	2	10

TCT02/3

MAN | HW | Z=2

Testa con coltellini a inclinazione variabile per smussi Cutterhead with adjustable angle knives for chamfering

Testa con coltellini in HW reversibili per eseguire smussi con **angolazione variabile da 0° a 45°**. La regolazione degli spostamenti angolari avviene **ogni 7,5°** grazie al sofisticato meccanismo di cui è dotato l'utensile. Le caratteristiche costruttive consentono un impiego pressoché universale.

*Steel body execution with high-precision wing **adjustability in 7,5° increments between 0°-45° to both sides**, standard tungsten carbide reversible knives, for milling solid wood and all types of board material. suitable for manual feed.*

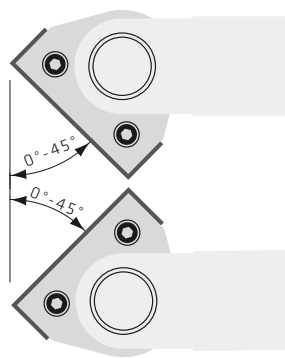
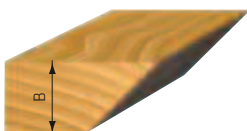
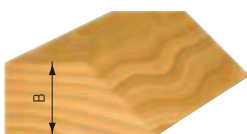
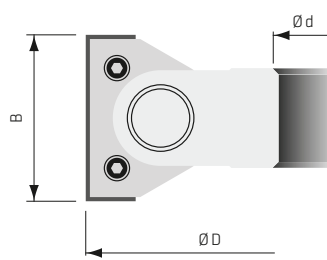
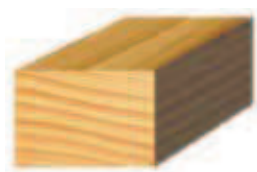


Corpo in alluminio | Light alloy body - MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
160	50	30	2	7500	TCT02.160A.7050	●	AF 1561
160	50	35	2	7500	TCT02.160B.7050	●	AF 1608
160	50	40	2	7500	TCT02.160C.7050	●	AF 1608
170	50	50	2	7000	TCT02.170D.7050	●	AF 1561

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

0° - B max = 48
15° - B max = 46
22,5° - B max = 44
30° - B max = 44
45° - B max = 44



Ricambi / Spare Parts

TCT02/3	Art. Nr.	TRF01.1215.A050
	Dim.	50x12x1,5
	Pcs	10

Testa portacoltelli per smussi a 45°

Cutterhead for 45° bevels

Testa a due taglienti con corpo in lega leggera per la realizzazione di smussi a 45° molto precisi. Adatta per lavorazioni su legno massiccio e pannello.

Body in light alloy execution, standard tungsten carbide reversible knives, precise 45° bevel cuts on solid wood and all types of board material, chip thickness limitation and reduced recoil, suitable for manual feed.

TCT02/4

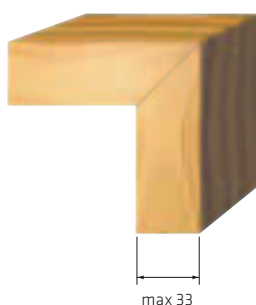
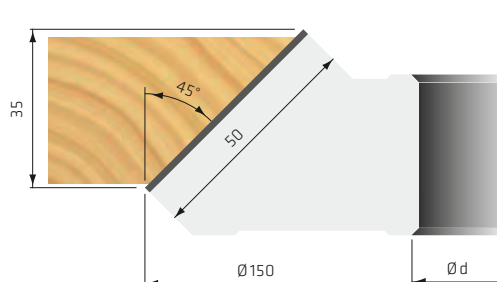
MAN | HW



Corpo in alluminio | Light alloy body - MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
150	35	30	2	8800	TCT02.150A.0001	●	AF 541
150	35	35	2	8800	TCT02.150B.0001	●	AF 585
150	35	40	2	8800	TCT02.150C.0001	●	AF 585

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi Spare Parts				
TCT02/4	Art. Nr.	TRF01.1215.A050	TRF07.3400.0029	TRF08.M850.1404
	Dim.	50x12x1,5	46	M8x20
	Pcs	10	2	10

TCT02/5

MAN | HW

Testa con coltellini per quarti di tondo

Cutterhead with knives for quarter rounds

Utensile con coltellini a due taglienti ed angolo assiale in HW per eseguire quarti di tondo. Le teste possono montare tutti i profili indicati nella tabella, ma vengono fornite corredate dei seguenti coltelli: TCT02.132A R=5 mm TCT02.152A R=15 mm

Steel body with standard tungsten carbide profiled knives for quarter rounds, axial angle for excellent milling results and reduced cutting pressure, different radius (see spare part list below) can be fitted onto the same tool body, TCT02.132A is supplied with R=5 mm, TCT02.152A is supplied with R=15 mm, chip thickness limitation and reduced recoil, suitable for manual feed.



Set completo fornito
in valigetta di legno

Complete set in a
wooden box

Corpo in acciaio | Steel body - MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	R (mm)	N° utensile / Tool number	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
132	20	30	2	R3-4-5-6-8-10	A	8000	TCT02.132A.ST10	●	AF 1088
132	20	35	2	R3-4-5-6-8-10	A	8000	TCT02.132B.ST10	●	AF 1134
132	20	40	2	R3-4-5-6-8-10	A	8000	TCT02.132C.ST10	●	AF 1134
132	20	50	2	R3-4-5-6-8-10	A	8000	TCT02.132D.ST10	●	AF 1134

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Elementi singoli | Single cutterheads

Corpo in acciaio | Steel body - MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	R (mm)	N° utensile / Tool number	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
132	20	30	2	R3	B	8000	TCT02.132A.B001	●	AF 503
132	20	35	2	R3	B	8000	TCT02.132B.B001	●	AF 549
132	20	40	2	R3	B	8000	TCT02.132C.B001	●	AF 549
132	20	50	2	R3	B	8000	TCT02.132D.B001	●	AF 549
132	20	30	2	R4	C	8000	TCT02.132A.C001	●	AF 503
132	20	35	2	R4	C	8000	TCT02.132B.C001	●	AF 549
132	20	40	2	R4	C	8000	TCT02.132C.C001	●	AF 549
132	20	50	2	R4	C	8000	TCT02.132D.C001	●	AF 549
132	20	30	2	R5	D	8000	TCT02.132A.D001	●	AF 503
132	20	35	2	R5	D	8000	TCT02.132B.D001	●	AF 549
132	20	40	2	R5	D	8000	TCT02.132C.D001	●	AF 549
132	20	50	2	R5	D	8000	TCT02.132D.D001	●	AF 549
132	20	30	2	R6	E	8000	TCT02.132A.E001	●	AF 503
132	20	35	2	R6	E	8000	TCT02.132B.E001	●	AF 549
132	20	40	2	R6	E	8000	TCT02.132C.E001	●	AF 549
132	20	50	2	R6	E	8000	TCT02.132D.E001	●	AF 549
132	20	30	2	R8	F	8000	TCT02.132A.F001	●	AF 503
132	20	35	2	R8	F	8000	TCT02.132B.F001	●	AF 549
132	20	40	2	R8	F	8000	TCT02.132C.F001	●	AF 549
132	20	50	2	R8	F	8000	TCT02.132D.F001	●	AF 549
132	20	30	2	R10	G	8000	TCT02.132A.G001	●	AF 503
132	20	35	2	R10	G	8000	TCT02.132B.G001	●	AF 549
132	20	40	2	R10	G	8000	TCT02.132C.G001	●	AF 549
132	20	50	2	R10	G	8000	TCT02.132D.G001	●	AF 549

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Testa con coltellini per quarti di tondo

Cutterhead with knives for quarter rounds

TCT02/5

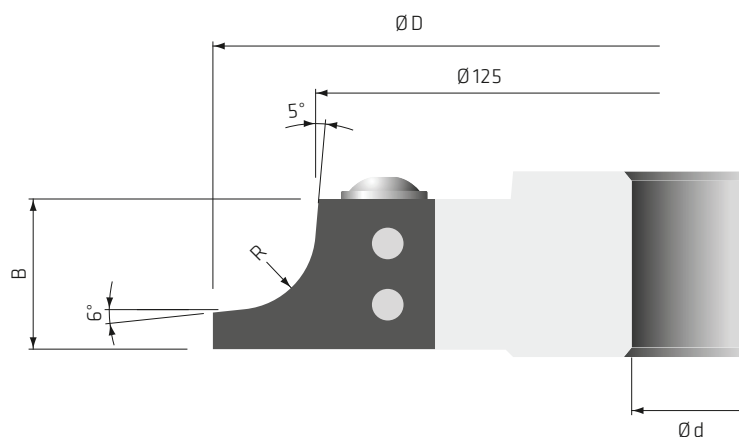
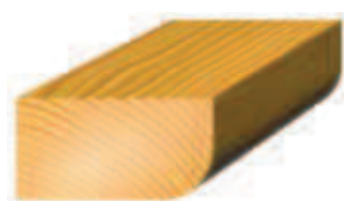
MAN | HW

Elementi singoli | Single cutterheads

Corpo in acciaio | Steel body - MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	R (mm)	N° utensile / Tool number	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
152	20	30	2	R12	H	7300	TCT02.152A.H001	●	AF 654
152	20	35	2	R12	H	7300	TCT02.152B.H001	●	AF 700
152	20	40	2	R12	H	7300	TCT02.152C.H001	●	AF 700
152	20	50	2	R12	H	7300	TCT02.152D.H001	●	AF 700
152	20	30	2	R15	J	7300	TCT02.152A.J001	●	AF 654
152	20	35	2	R15	J	7300	TCT02.152B.J001	●	AF 700
152	20	40	2	R15	J	7300	TCT02.152C.J001	●	AF 700
152	20	50	2	R15	J	7300	TCT02.152D.J001	●	AF 700
152	20	30	2	R18	L	7300	TCT02.152A.L001	●	AF 654
152	20	35	2	R18	L	7300	TCT02.152B.L001	●	AF 700
152	20	40	2	R18	L	7300	TCT02.152C.L001	●	AF 700
152	20	50	2	R18	L	7300	TCT02.152D.L001	●	AF 700
152	20	30	2	R20	M	7300	TCT02.152A.M001	●	AF 654
152	20	35	2	R20	M	7300	TCT02.152B.M001	●	AF 700
152	20	40	2	R20	M	7300	TCT02.152C.M001	●	AF 700
152	20	50	2	R20	M	7300	TCT02.152D.M001	●	AF 700

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi Spare Parts		R3	R4	R5	R6	R8	R10		
A-B-C-D-E-F-G	Art. Nr.	TRF06.R03R.1451	TRF06.R04R.1452	TRF06.R05R.1453	TRF06.R06R.1454	TRF06.R08R.1455	TRF06.R10R.1456	TRF07.3500.0024	TRF08.M750.2404
	Dim.	20x24x2	20x24x2	20x24x2	20x24x2	20x24x2	20x24x2	17,6	M7 x 19
	Pcs	2	2	2	2	2	2	2	10
H-I-L-M		R12	R15	R18	R20				
	Art. Nr.	TRF06.R12R.1457	TRF06.R15R.1458	TRF06.R18R.1459	TRF06.R20R.1460			TRF07.3500.0020	TRF08.M750.2404
	Dim.	30x34x2	30x34x2	30x34x2	30x34x2			27	M7 x 19
	Pcs	2	2	2	2			2	10

TCT02/6

MAN | HW



Set multiraggio Multiradius Sets

Il set, pensato per la realizzazione di molteplici profili raggiati, è composto da una testa in lega leggera con due coltelli di $r=5$ e $r=10$ mm montati sull'utensile e quattro coltelli con $r=3$ e $r=6$ mm e $r=4$ e $r=8$ mm di ricambio.

Light alloy body with standard tungsten carbide profiled knives for flexible machining of quarter rounds, all radii match a 105 mm guide ring, body is mounted with $R=5/10$ mm knives, profiles $R=4/8$ and $R=3/6$ mm are included in the set, chip thickness limitation and reduced recoil, suitable for manual feed.

Set fornito in
cassetta di plastica

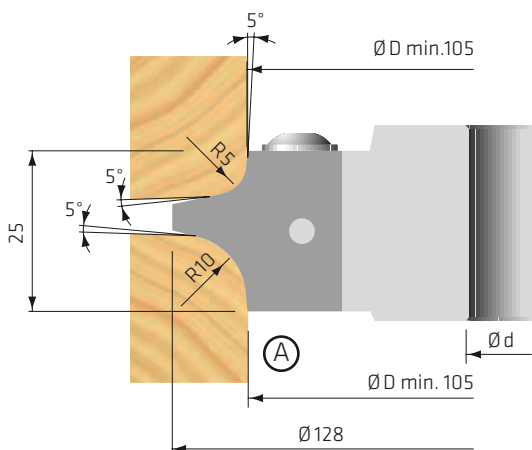
Set supplied in a
plastic box

Corpo in lega leggera | Light alloy body - MAN - Z2 - HW

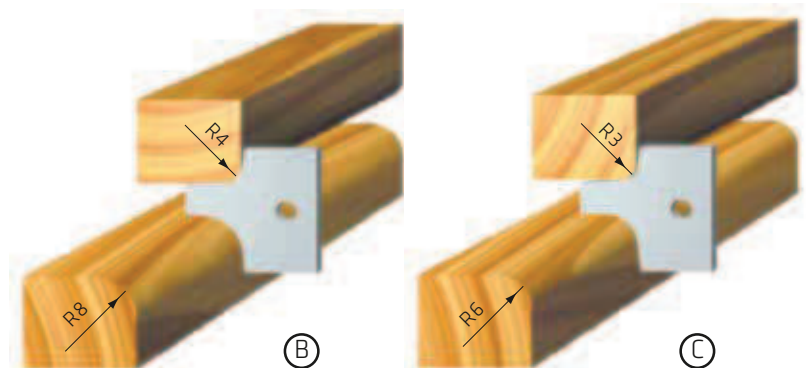
Ø D (mm)	B (mm)	d (mm)	Z	R (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
128	25	30	2	R3-4- <u>5</u> -6-8- <u>10</u>	10200	TCT02.128A.0001	●	AF 709
128	25	35	2	R3-4- <u>5</u> -6-8- <u>10</u>	10200	TCT02.128B.0001	●	AF 756
128	25	40	2	R3-4- <u>5</u> -6-8- <u>10</u>	10200	TCT02.128C.0001	●	AF 756
128	25	50	2	R3-4- <u>5</u> -6-8- <u>10</u>	10200	TCT02.128D.0001	●	AF 756

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Profilo montato di serie Standard mounted knives



Profili di ricambio Spare knives



Ricambi Spare Parts		 R5/10	 R4/8	 R3/6		
TCT02/6	Art. Nr.	TRF06.2525.1409	TRF06.2525.1410	TRF06.2525.1411	TRF07.3400.0025	TRF08.M850.1404
	Dim.	25x24,8x2	25x24,8x2	25x24,8x2	22	M8x20
	Pcs	2	2	2	2	10

Set multiraggio

Multiradius Sets

Set ideato per la realizzazione di molteplici profili raggiati. Il set è composto da una testa in lega leggera con due coltelli di $r=15$ e $r=20$ mm montati sull'utensile e due coltelli con $r=12$ e $r=18$ mm di ricambio.

Light alloy body with standard tungsten carbide profiled knives for flexible machining of quarter rounds, all radii match a 105 mm guide ring, body is mounted with $R=15/20$ mm knives, profiles $R=12/18$ mm are included in the set, chip thickness limitation and reduced recoil, suitable for manual feed.

TCT02/7

MAN | HW



Corpo in lega leggera | Light alloy body - MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	R (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
147	45	30	2	R12- 15 -18- 20	8800	TCT02.147A.0002	●	AF 994
147	45	35	2	R12- 15 -18- 20	8800	TCT02.147B.0002	●	AF 1039
147	45	40	2	R12- 15 -18- 20	8800	TCT02.147C.0002	●	AF 1039
147	45	50	2	R12- 15 -18- 20	8800	TCT02.147D.0002	●	AF 1039

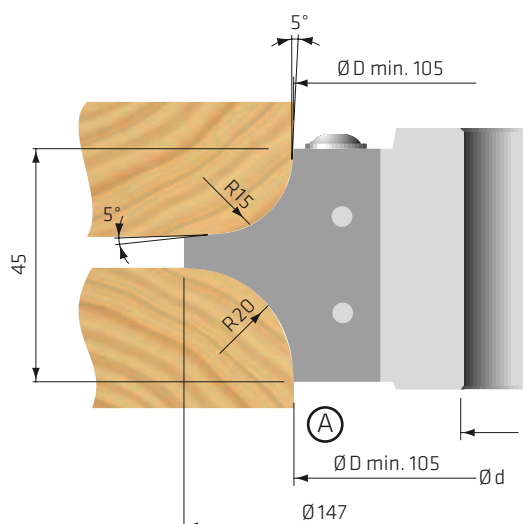
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Set fornito in cassetta di plastica

Set supplied in a plastic box

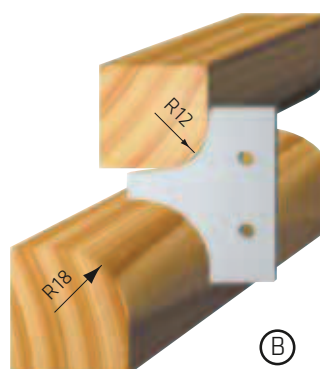
Profilo montato di serie

Standard mounted knives



Profili di ricambio

Spare knives



Ricambi Spare Parts		R15/20	R12/18		
TCT02/7	Art. Nr.	TRF06.4535.1412	TRF06.4535.1413	TRF07.3400.0030	TRF08.M850.1404
	Dim.	45x34,5x2	45x34,5x2	42	M8x20
	Pcs	2	2	2	10

TCT02/8

MAN | HW



Set fornito in
cassetta di plastica

Set supplied in a
plastic box

Set per raggi concavi e convessi

Tooling set for concave and convex quarter rounds

Questo set è stato ideato per la realizzazione di molteplici raggi concavi e convessi ed è composto da una testa in lega leggera con due coltelli di $r=4$ montati sull'utensile e quattro coltelli con $r=6$ mm e $r=8$ mm di ricambio.

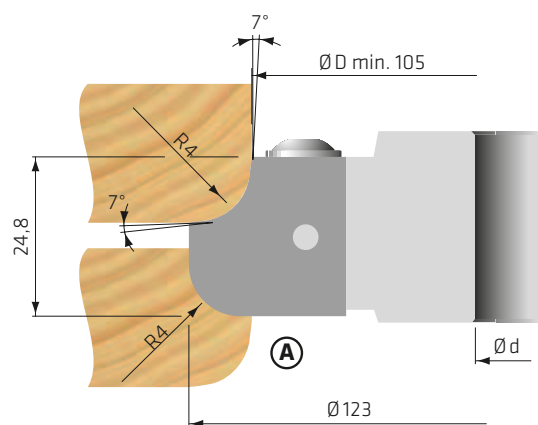
This set was designed to produce a variety of concave and convex rounds. It consists of a light alloy cutterhead with two $r=4$ mm knives mounted on the tool and four spare $r=6$ and $t=8$ mm knives.

Corpo in lega leggera | Light alloy body - MAN - Z2 - HW

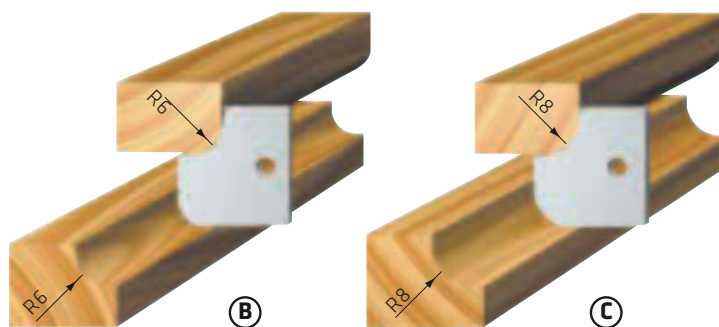
Ø D (mm)	B (mm)	d (mm)	Z	R (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
124	25	30	2	R(4)-6-8	10600	TCT02.124A.0001	●	AF 899
124	25	35	2	R(4)-6-8	10600	TCT02.124B.0001	●	AF 944
124	25	40	2	R(4)-6-8	10600	TCT02.124C.0001	●	AF 944
124	25	50	2	R(4)-6-8	10600	TCT02.124D.0001	●	AF 944

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Profilo montato di serie Standard mounted knives



Profili di ricambio Spare knives



Ricambi Spare Parts		R4	R6	R8		
TCT02/8	Art. Nr.	TRF06.2525.1414	TRF06.2525.1415	TRF06.2525.1416	TRF07.3500.0025	TRF08.M850.1404
	Dim.	24,8x23x2	24,8x23,5x2	24,8x23,5x2	22	M8x20
	Pcs	2	2	2	2	10

Set mezzitondi

Half-round sets

TCT02/9

MAN | HW

Questo utensile con corpo in lega leggera a due taglienti è stato pensato per eseguire mezzitondi. Il set include, oltre all'utensile compreso di due coltelli con r=10 mm, 2+2 coltelli di ricambio con r=8 e r=9 mm.

This tool, consisting of a light alloy body with two knives has been designed to work half rounds. The set, besides the two r=10 mm knives, includes 2+2 r=8 and r=9 mm spare knives.



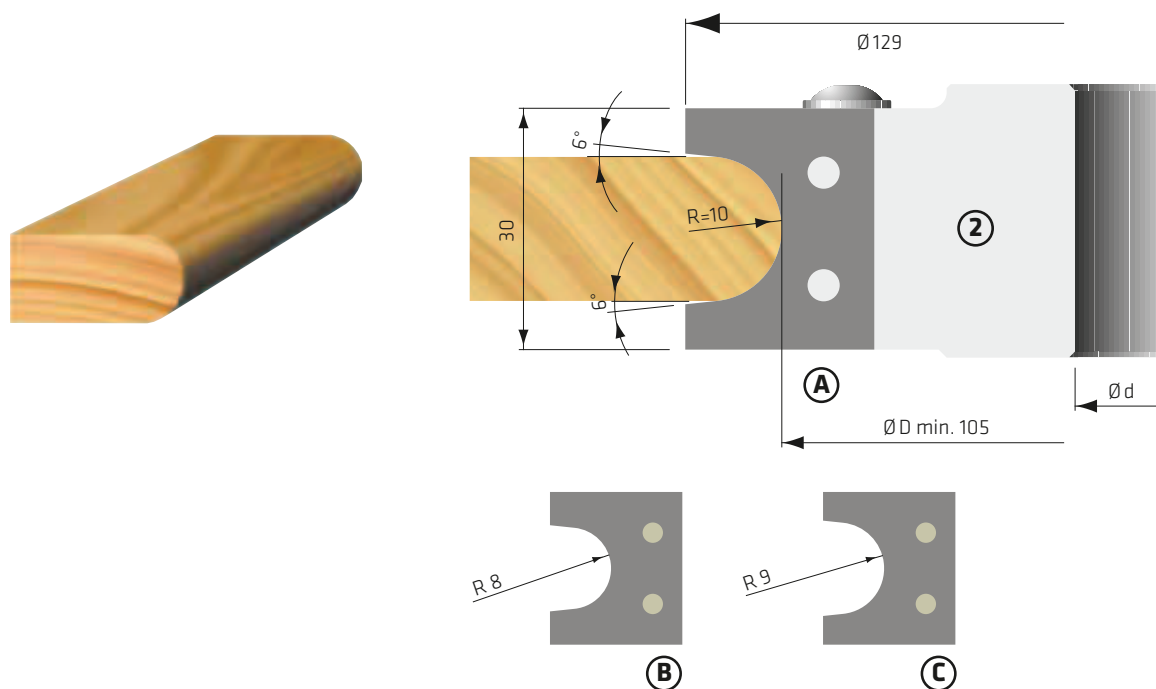
Corpo in lega leggera | Light alloy body - MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	R (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
129	30	30	2	R8-9- 10	10200	TCT02.129A.0001	●	AF 909
129	30	35	2	R8-9- 10	10200	TCT02.129B.0001	●	AF 955
129	30	40	2	R8-9- 10	10200	TCT02.129C.0001	●	AF 955
129	30	50	2	R8-9- 10	10200	TCT02.129D.0001	●	AF 955

Set fornito in cassetta di plastica

Set supplied in a plastic box

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi Spare Parts		R10	R8	R9		
TCT02/9	Art. Nr.	TRF07.3026.1408	TRF07.3026.1406	TRF07.3026.1407	TRF07.3400.0020	TRF08.M850.1404
	Dim.	30x26,5x2	30x26,5x2	30x26,5x2	27	M8x20
	Pcs	2	2	2	2	10

TBT02/1

MAN | HW

Set utensili per raggiare e smussare Tooling set for rounding and chamfering

Gruppo di teste in lega leggera composto da due elementi. L'elemento 1 è sagomato e consente con un lato del coltello di effettuare raggi (R4 in configurazione standard fornita) e con l'altro di realizzare smussi a 45°. L'elemento 2 consente sia la lavorazione della parte dritta del pannello da lavorare che la raggiatura o smussatura nella parte inferiore. Il set comprende inoltre gli anelli distanziali per le varie regolazioni da inserire tra i due elementi. È possibile montare coltelli optional R2, R3, R5 ed R6 sia a singolo raggio che a doppio raggio.

Cutterset consisting of two elements in light alloy execution, standard tungsten carbide reversible knives, for high precision planning and chamfering/rounding in one single working operation, adjustable for milling solid wood and all types of board material from 18-50 mm thickness (spacing rings included), chip thickness limitation and reduced recoil, suitable for manual feed.



Set fornito in
cassetta di plastica

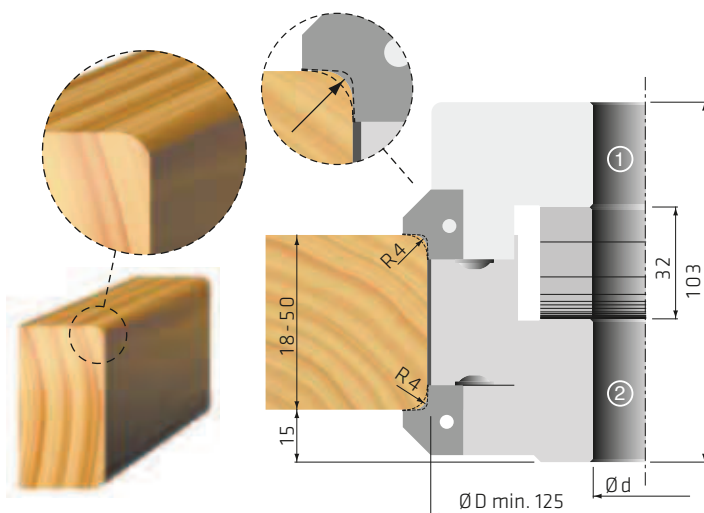
Set supplied in a
plastic box

Corpo in lega leggera | Light alloy body - MAN - Z2 - HW

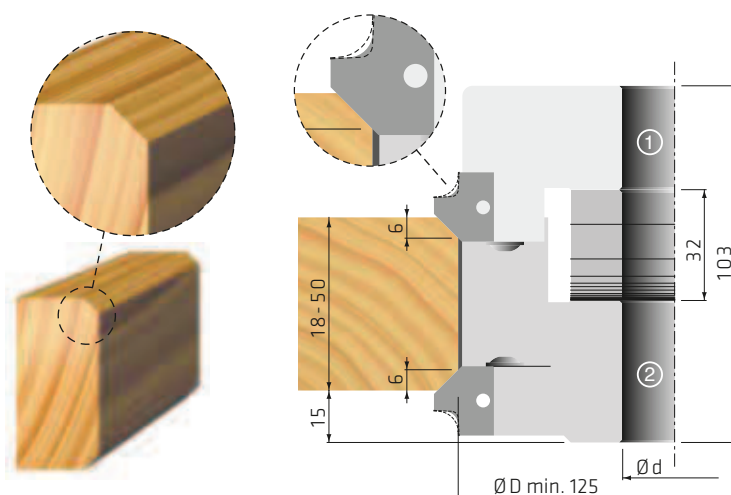
Ø D (mm)	B (mm)	d (mm)	Z	R (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
139	18,0-50,0	30	2+2+2	R 2-3-④-5-6	9400	TBT02.139A.C001	●	AF 1466
139	18,0-50,0	35	2+2+2	R 2-3-④-5-6	9400	TBT02.139B.C001	●	AF 1513
139	18,0-50,0	40	2+2+2	R 2-3-④-5-6	9400	TBT02.139C.C001	●	AF 1513
139	18,0-50,0	50	2+2+2	R 2-3-④-5-6	9400	TBT02.139D.C001	●	AF 1513

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Standard



Opzione: coltello doppio raggio/smusso Option: double radius knives



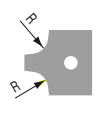
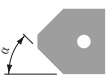
Set utensili per raggiare e smussare
Tooling set for rounding and chamfering

TBT02/1

MAN | HW

Ricambi Spare Parts							
①							
	Art. Nr.	TRF06.R260.8001	TRF06.R360.8003	TRF06.R460.8005	TRF06.R560.8007	TRF06.R660.8009	TRF07.3400.0024
	Dim.	20x21x2	20x21x2	20x21x2	20x21x2	20x21x2	17
	Pcs	2	2	2	2	2	2
②							
	Art. Nr.	TRF06.R260.8002	TRF06.R360.8004	TRF06.R460.8006	TRF06.R560.8008	TRF06.R660.8010	TRF07.3400.0024
	Dim.	20x21x2	20x21x2	20x21x2	20x21x2	20x21x2	17
	Pcs	2	2	2	2	2	2
							
	Art. Nr.	TRF01.1215.A050	TRF07.3410.0002	TRF08.M850.1404			
	Dim.	50x12x1,5	46	M8x20			
	Pcs	10	2	10			

Opzione: coltello doppio raggio/smusso
Option: Double Radius Knives

Coltelli Knives	R	Pcs min	Art. Nr.
	2	4	TRF06.DR60.8012
	3	4	TRF06.DR60.8013
	4	4	TRF06.DR60.8014
	5	4	TRF06.DR60.8015
	6	4	TRF06.DR60.8016
	$\alpha=45^\circ$	4	TRF06.DR60.8011

TCT03/1

TCT03/2

MAN I HW

Testa con coltellini per battute con taglienti inclinati alternati e rasanti

Cutterhead with alternate shear reversible knives and spurs

Testa con coltellini e rasanti in HW reversibili per eseguire battute e contornature. L'angolo assiale favorisce un miglior scarico del truciolo e una maggiore resa in termini di avanzamento oltre a migliorare la tenuta di taglio.

Cutterhead with tungsten carbide reversible knives and spurs, alternate axial angle for excellent cutting results, chip thickness limitation and reduced recoil, suitable for manual and mechanical feed.

TCT03/1

Corpo in acciaio | *Steel body - MAN - Z4 V4 - HW*

Ø D (mm)	B (mm)	d (mm)	Z	V	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	50	30	4	4	25	10600	TCT03.125A.0001	●	AF 455
125	50	35	4	4	25	10600	TCT03.125B.0001	●	AF 501
125	50	40	4	4	25	10600	TCT03.125C.0001	●	AF 501
125	50	50	4	4	25	10600	TCT03.125D.0001	●	AF 501
140	50	30	4	4	35	8800	TCT03.140A.0001	●	AF 493
140	50	35	4	4	35	8800	TCT03.140B.0001	●	AF 538
140	50	40	4	4	35	8800	TCT03.140C.0001	●	AF 538
140	50	50	4	4	35	8800	TCT03.140D.0001	●	AF 538
150	50	30	4	4	50	7300	TCT03.150A.0001	●	AF 493
150	50	35	4	4	50	7300	TCT03.150B.0001	●	AF 538
150	50	40	4	4	50	7300	TCT03.150C.0001	●	AF 538
150	50	50	4	4	50	7300	TCT03.150D.0001	●	AF 538

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

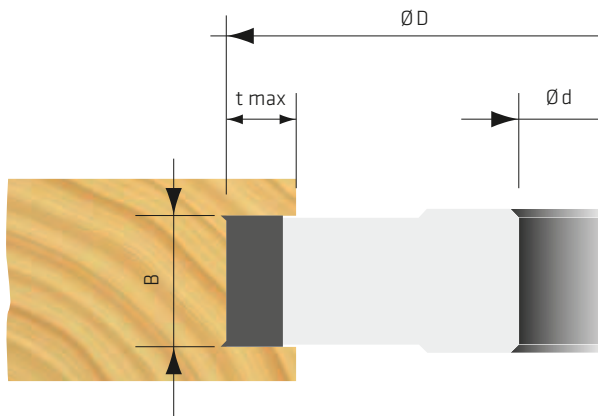
TCT03/2

Corpo in lega leggera | *Light alloy body - MAN - Z2 V4 - HW*

Ø D (mm)	B (mm)	d (mm)	Z	V	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	50	30	2	4	25	10600	TCT03.125A.0002	●	AF 436
125	50	35	2	4	25	10600	TCT03.125B.0002	●	AF 482
125	50	40	2	4	25	10600	TCT03.125C.0002	●	AF 482
125	50	50	2	4	25	10600	TCT03.125D.0002	●	AF 482

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi Spare Parts						
TCT03/1	Art. Nr.	TRF01.1215.A050	TRF07.3500.0009	TRF08.M750.2402	TRF02.1420.G014	TRF08.M550.0002
	Dim.	50x12x1,5	46	M7x21	14x14x2	M5x7
	Pcs	10	2	10	10	10
TCT03/2	Art. Nr.	TRF01.1215.A050	TRF07.3500.0002	TRF08.M850.1403	TRF02.1420.G014	TRF08.M550.0002
	Dim.	50x12x1,5	48	M8x16	14x14x2	M5x7
	Pcs	10	2	10	10	10

Testa per piattabande multiprofilo con coltelli in HW

Panel raising cutterhead with knives in HW

TCT03/3

MAN | HW

Testa con coltellini in HW per piattabande multiprofilo. La testa è disponibile in due versioni: tipo 1 (con posizionamento del legno sotto), tipo 2 (con posizionamento del legno sopra). La testa può montare tutti i coltelli indicati nella pagina successiva ottenendo in questo modo i profili indicati. **La testa tipo 1 viene fornita corredata con i coltellini rif. G1+E1. La testa tipo 2 viene fornita corredata con i coltelli rif. G2+E2**, gli altri coltelli possono essere forniti a richiesta.

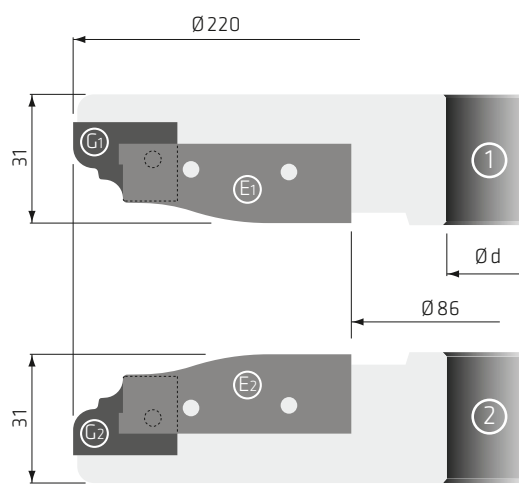
Steel body with tungsten carbide profiled knives, for high precision panel raising, cutter A fitted with profiles G1+E1, cutter B fitted with profiles G2+E2, cutters can be equipped with further profiles as indicated below, chip thickness limitation and reduced recoil, suitable for both manual and mechanical feed.



Corpo in acciaio | Steel body MAN - Z2+2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	N° utensile / Tool number	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
220	31	30	2+2	①	70	6000	TCT03.220A.0001	●	AF 1230
220	31	35	2+2	①	70	6000	TCT03.220B.0001	●	AF 1275
220	31	40	2+2	①	70	6000	TCT03.220C.0001	●	AF 1275
220	31	50	2+2	①	70	6000	TCT03.220D.0001	●	AF 1275
220	31	30	2+2	②	70	6000	TCT03.220A.0002	●	AF 1230
220	31	35	2+2	②	70	6000	TCT03.220B.0002	●	AF 1275
220	31	40	2+2	②	70	6000	TCT03.220C.0002	●	AF 1275
220	31	50	2+2	②	70	6000	TCT03.220D.0002	●	AF 1275

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



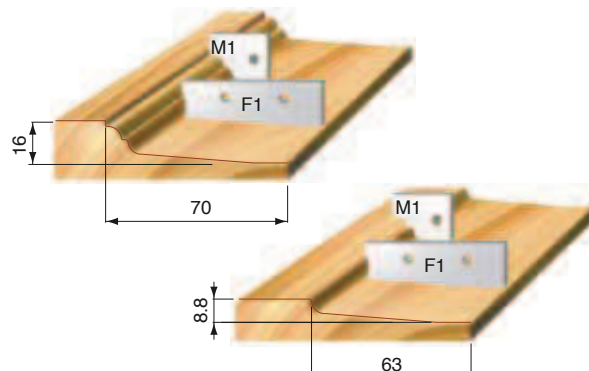
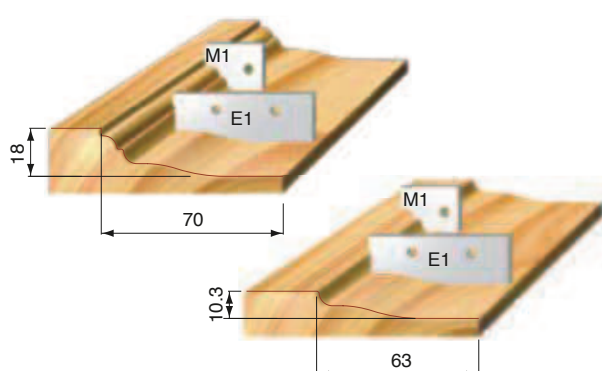
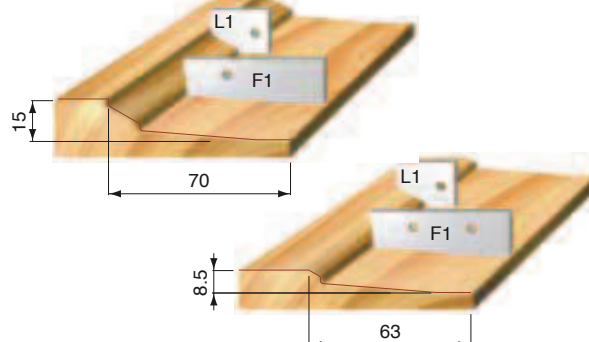
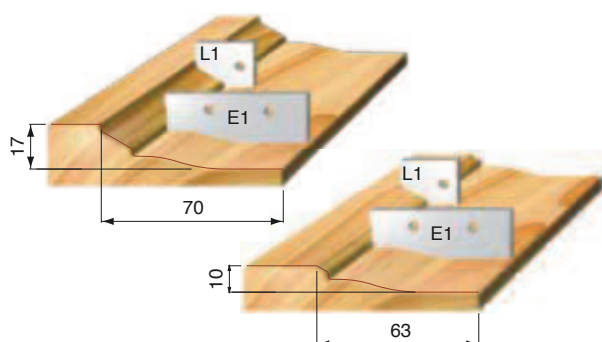
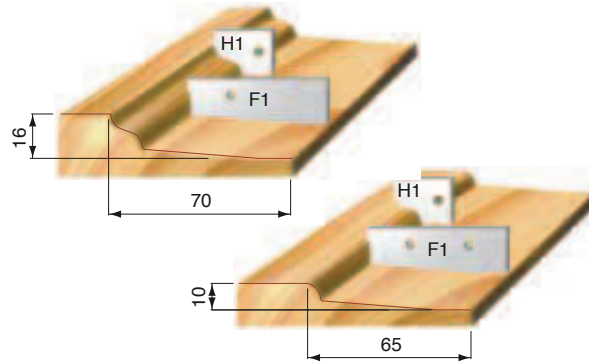
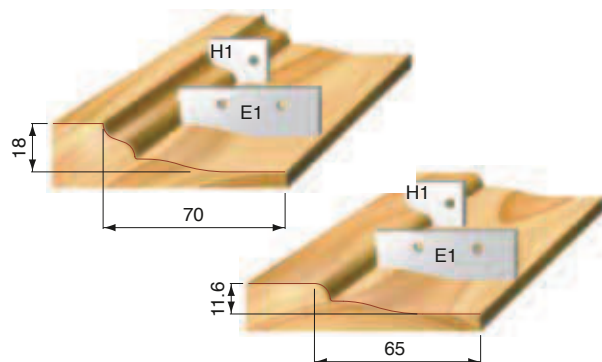
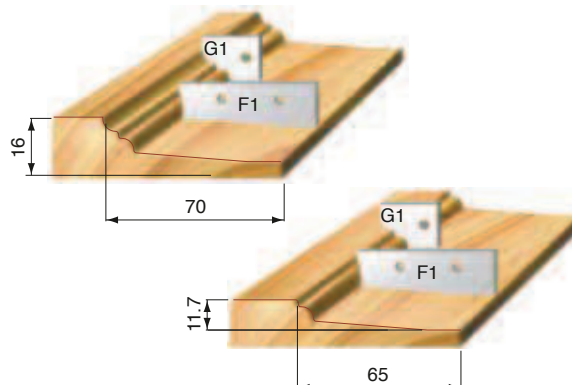
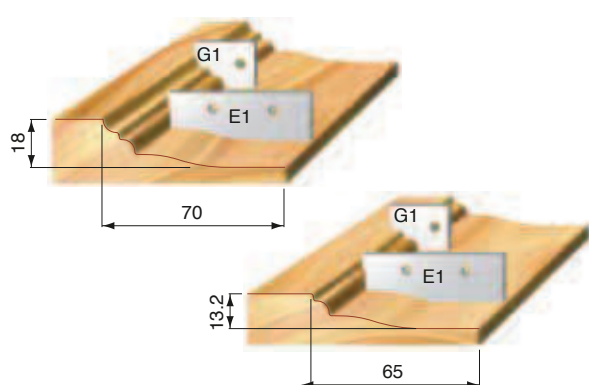
Ricambi Spare Parts		E1	F1	G1	H1	L1	M1
①	Art. Nr.	TRF06.03E1.1480	TRF06.03F1.1481	TRF06.03G1.1482	TRF06.03H1.1483	TRF06.03L1.1484	TRF06.03M1.1485
	Dim.	60x17x2	60x15,4x2	19,3x27,5x2	19,3x27,5x2	19,3x27,5x2	19,3x27,5x2
	Pcs	2	2	2	2	2	2
	Art. Nr.	TRF07.3500.0010	TRF08.M750.0010	TRF07.3030.0039	TRF07.M750.2402		
②	Art. Nr.	TRF06.03E2.1490	TRF06.03F2.1491	TRF06.03G2.1492	TRF06.03H2.1493	TRF06.03L2.1494	TRF06.03M2.1495
	Dim.	60x17x2	60x15,4x2	19,3x27,5x2	19,3x27,5x2	19,3x27,5x2	19,3x27,5x2
	Pcs	2	2	2	2	2	2
	Art. Nr.	TRF07.3500.0010	TRF08.M750.0010	TRF07.3030.0039	TRF07.M750.2402		
②	Dim.	54	M7x19	17	M7x21		
	Pcs	2	10	2	10		

TCT03/3

MAN | HW

Testa per piattabande multiprofilo con coltelli in HW *Panel raising cutterhead with knives in HW*

Testa per piattabande con legno sotto | *Panel raising cutterhead with wood underneath*

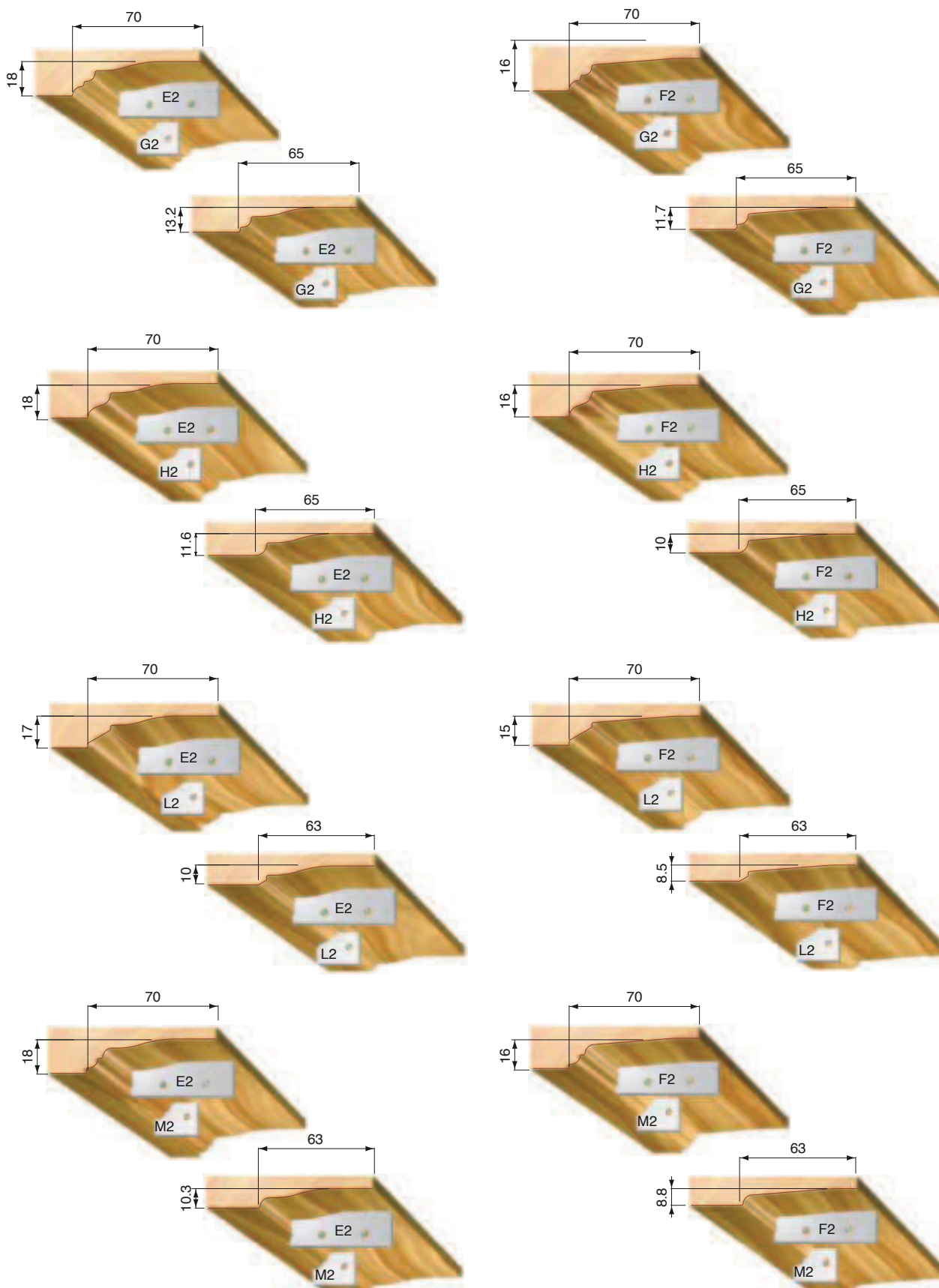


Testa per piattabande multiprofilo con coltelli in HW
Panel raising cutterhead with knives in HW

TCT03/3

MAN | HW

Testa per piattabande con legno sopra | Panel raising cutterhead with wood above



TCT03/4

MAN | HW

Set piattabanda professionale Professional panel raising set

Testa in lega leggera a due taglienti ideata per realizzare 12 differenti profili (due profili per ogni coltello). Grazie alla speciale spina di posizionamento dei coltelli, la lavorazione e la sostituzione dei taglienti risulta molto facile e precisa. Il set è composto dalla **testa compresa dei due coltelli tipo A**. I coltelli con profilo B, C, D, E e F sono disponibili su richiesta.

*Light alloy body with tungsten carbide standard profiled knives for panel raising for machining up to a total amount of 12 different profiles, chip thickness limitation and suitable for manual feed. Each set includes **only profiled knives type A**, while profiled knives type B, C, D, E and F are available on request.*



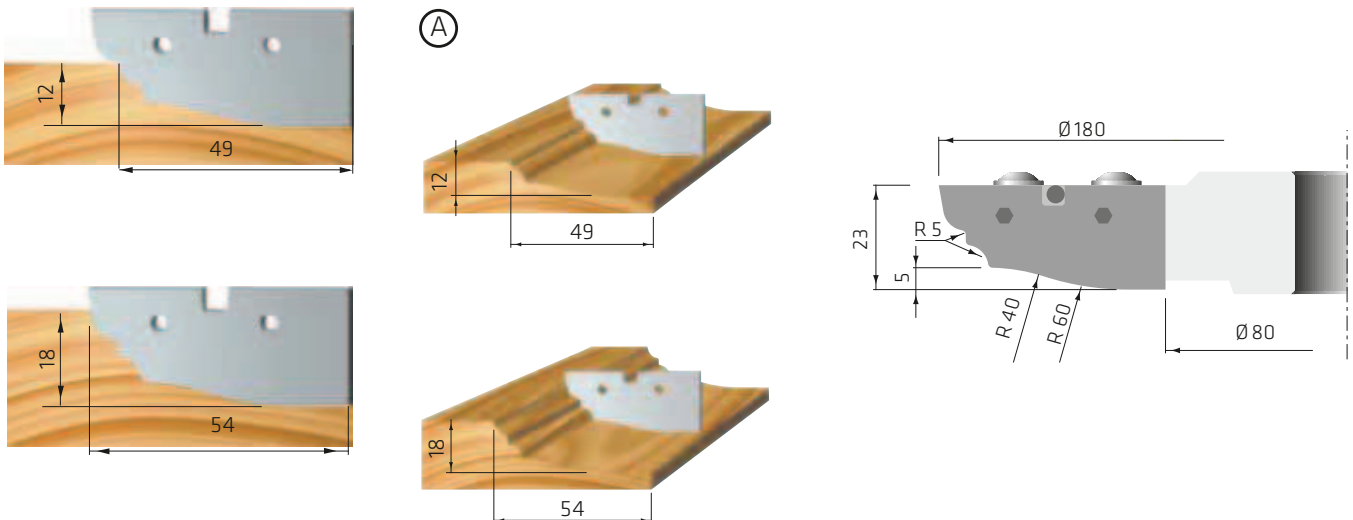
Corpo in lega leggera | Light alloy body MAN - Z2+2 - HW

Set fornito in
cassetta di plasticaSet supplied in a
plastic box

Ø D (mm)	B (mm)	d (mm)	Z	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
180	23	30	2	54	7300	TCT03.180A.0002	●	AF 663
180	23	35	2	54	7300	TCT03.180B.0002	●	AF 708
180	23	40	2	54	7300	TCT03.180C.0002	●	AF 708
180	23	50	2	54	7300	TCT03.180D.0002	●	AF 708

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Standard:



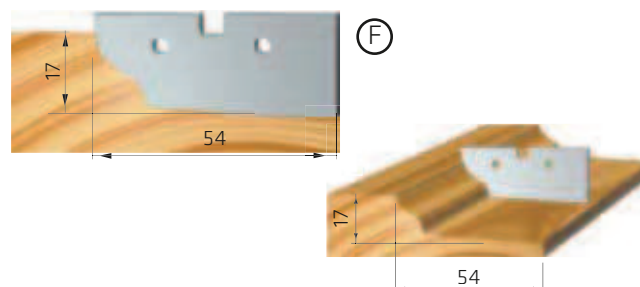
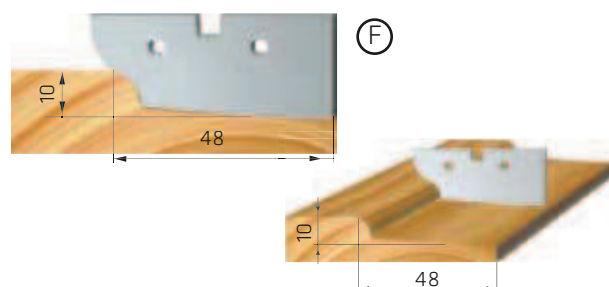
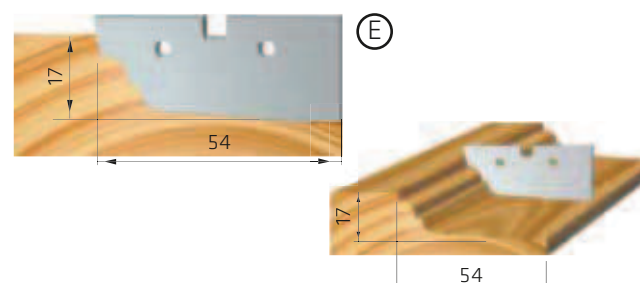
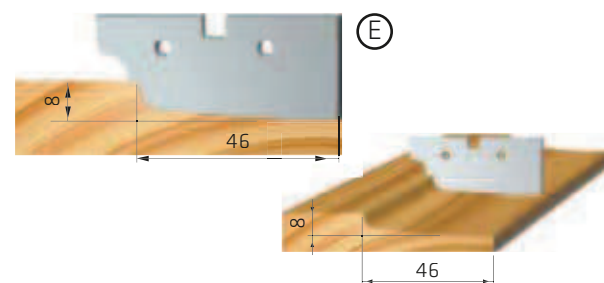
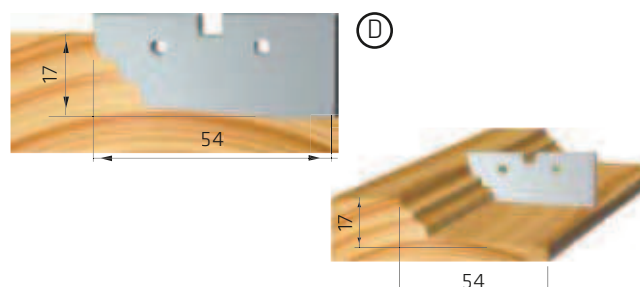
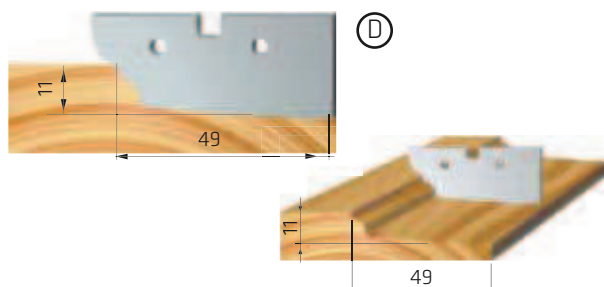
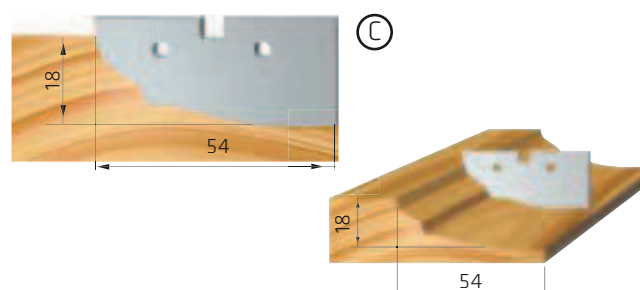
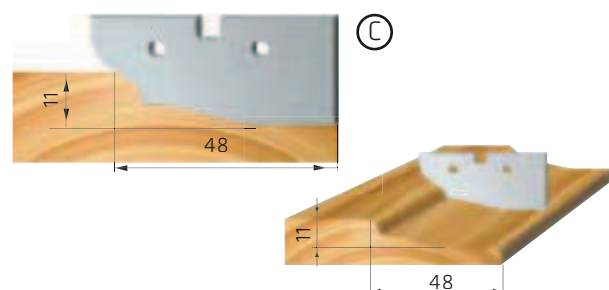
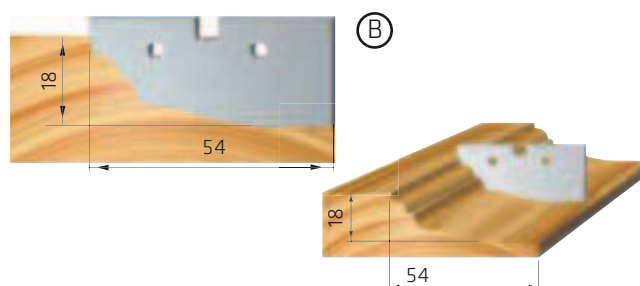
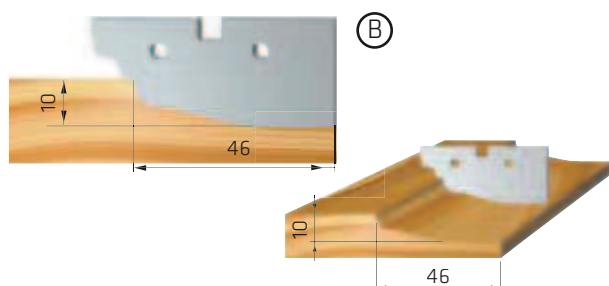
Ricambi Spare Parts		(A)	(B)	(C)	(D)	(E)	(F)	
TCT03/4	Art. Nr.	TRF06.5225.1424	TRF06.5225.1425	TRF06.5225.1426	TRF06.5225.1427	TRF06.5225.1428	TRF06.5225.1429	TRF08.M550.1203
	Dim.	52x25x2	52x25x2	52x25x2	52x25x2	52x25x2	52x25x2	M5x10
	Pcs	2	2	2	2	2	2	10

Set piattabanda professionale Professional panel raising set

TCT03/4

MAN | HW

Optional:



TCT03/5

MAN | HW



Set piattabanda a tre profili Panel raising set with three profiles

Testa in lega leggera a due taglienti profilati da entrambi i lati ideata per realizzare 3 differenti profili. Il set è composto dalla testa compresa dei due coltelli profilo A montati sull'utensile e di 2+2 coltelli profilo B e C di ricambio. In virtù dei coltelli utilizzati, il prezzo del set risulta molto competitivo.

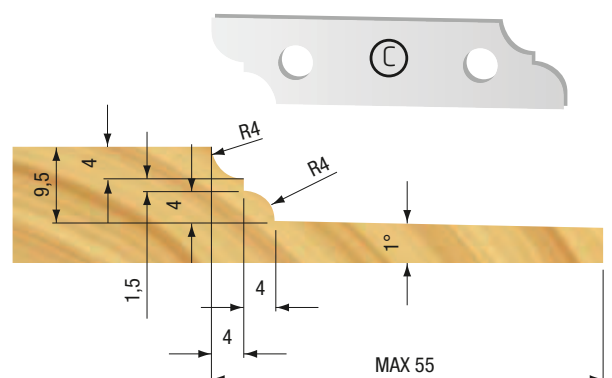
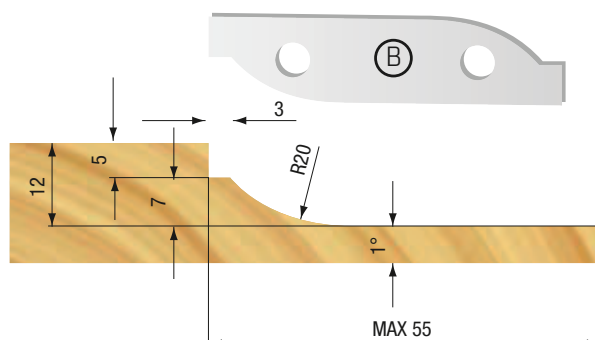
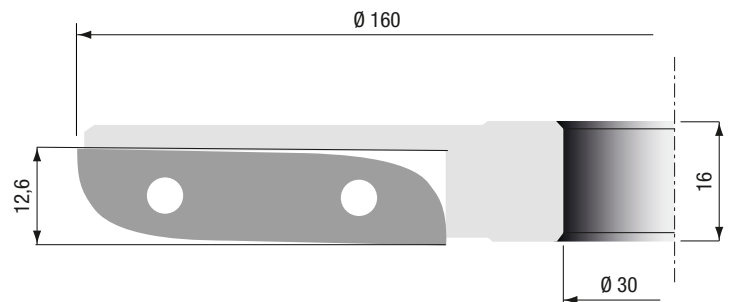
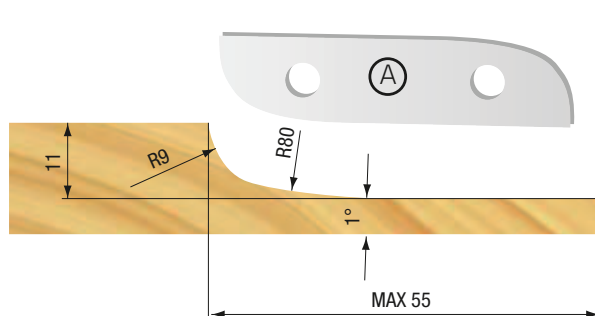
Light alloy body with tungsten carbide standard profiled knives for panel raising for machining up to a total amount of 3 different profiles, suitable for manual feed. Each set is supplied with cutterhead equipped with profiled on 2 sides knives type A, while profiled knives type B and C are available as spare parts. Thanks to the supplied knives, the set is very price competitive.

Set fornito in
cassetta di plastica
Set supplied in a
plastic box

Corpo in lega leggera | *Light alloy body*
MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
160	12	30	2	55	8200	TCT03.160A.0001	●	AF 701
160	12	35	2	55	8200	TCT03.160B.0001	●	AF 746

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi Spare Parts						
TCT03/5	Art. Nr.	TRF06.5012.1496	TRF06.5012.1497	TRF06.5012.1498	TRF08.M450.2301	TRF08.3000.0462
	Dim.	50x12,5	50x12,5	50x12,5	M4 x 6	8 x 1
	Pcs	2	2	2	10	10

Set controprofilo-piattabanda

Kitchen cabinet set

TCT03/6

MAN | HW

Il set è composto da due teste portacoltelli con corpo in lega leggera. La testa per l'esecuzione del profilo-controprofilo è **equipaggiata di serie con coltellini in HW per ottenere il profilo A** (vedi disegno), ma può utilizzare anche coltellini per l'esecuzione dei profili B, C e D che vengono forniti esclusivamente su richiesta. La testa per piattabanda monta 4 coltellini in HW posizionati con angolo assiale con i quali si possono ottenere i tre profili indicati nei disegni.

*Set with 2 cutters in light alloy execution, standard tungsten carbide profiled knives, **profile A included in the set**, profiles B, C and D can be obtained on request and mounted onto the same cutter head, panel raising cutter with contour knives aligned in axial angle for excellent end-grain cutting surfaces, chip thickness limitation and reduced recoil, suitable for manual feed.*



Corpo in lega leggera | Light alloy body - MAN - Z2 + Z2+2 - HW

Set composto da / Set including	N° utensile / Tool number	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
TCT03.120A.0001 + TCT03.183A.0001	①+②	TBT03.120A.0001	●	AF 1108
TCT03.120B.0001 + TCT03.183B.0001	①+②	TBT03.120B.0001	●	AF 1154
TCT03.120C.0001 + TCT03.183C.0001	①+②	TBT03.120C.0001	●	AF 1154
TCT03.130D.0001 + TCT03.200D.0001	①+②	TBT03.130D.0001	●	AF 1154

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Set fornito in cassetta di plastica

Set supplied in a plastic box

Elementi singoli | Single cutterheads

Corpo in lega leggera | Light alloy body - MAN - Z2 + Z2+2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	N° utensile / Tool number	t. max (mm)	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
120	40	30	2	①		11000	TCT03.120A.0001	●	AF 616
120	40	35	2	①		11000	TCT03.120B.0001	●	AF 661
120	40	40	2	①		11000	TCT03.120C.0001	●	AF 661
130	40	50	2	①		10200	TCT03.130D.0001	●	AF 682
183	30	30	2+2	②	60	7100	TCT03.183A.0001	●	AF 661
183	30	35	2+2	②	60	7100	TCT03.183B.0001	●	AF 661
183	30	40	2+2	②	60	7100	TCT03.183C.0001	●	AF 661
200	30	50	2+2	②	60	6500	TCT03.200D.0001	●	AF 559

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi Spare Parts							
①							
	Art. Nr.	TRF06.03A1.2075	TRF06.03B1.2076	TRF06.03C1.2077	TRF06.03D1.2078	TRF07.3400.0016	TRF08.M650.1315
	Dim.	40x25x2	40x25x2	40x25x2	40x25x2	39	M6x25
	Pcs	2	2	2	2	2	10
②							
	Art. Nr.	TRF06.03E1.1097	TRF07.3400.0012	TRF08.M650.1315	TRF06.03F1.1050	TRF07.3400.0014	TRF08.M650.1315
	Dim.	20x12x1,5	16	M6x25	60x12x1,5	54	M6x25
	Pcs	2	2	10	2	2	10

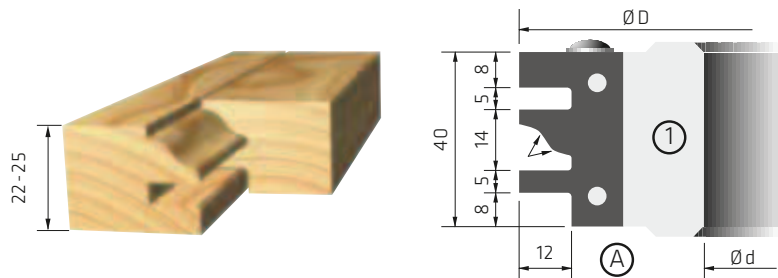
TCT03/6

MAN | HW

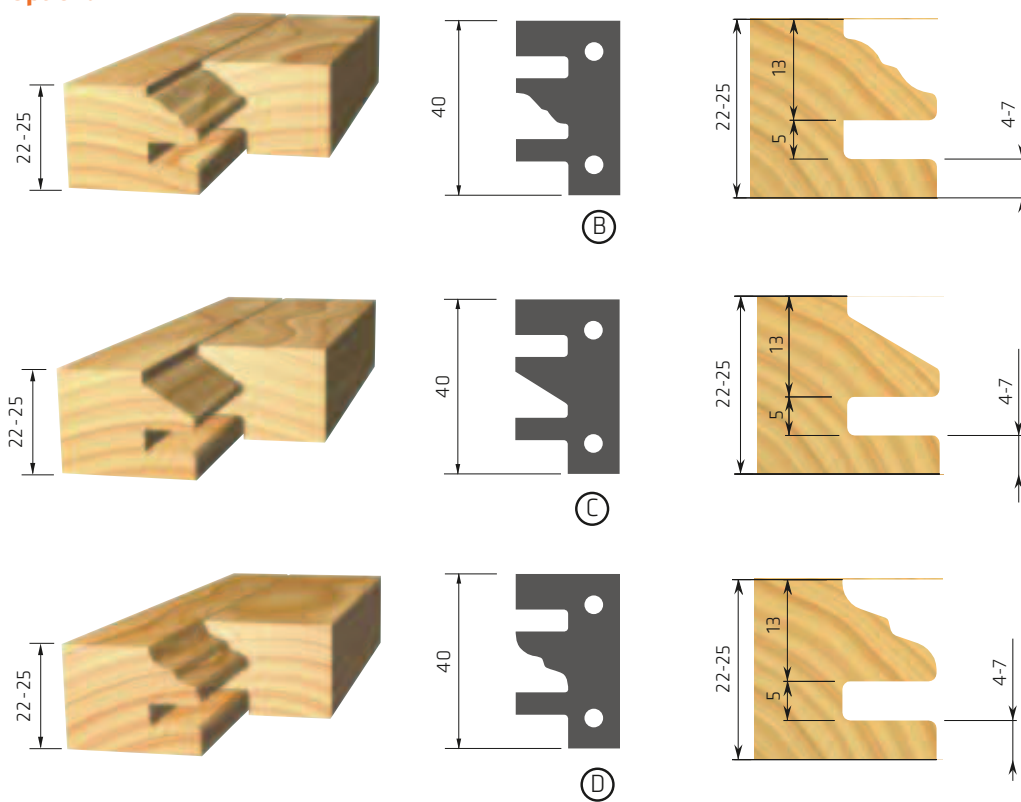
Set controprofilo-piattabanda

Kitchen cabinet set

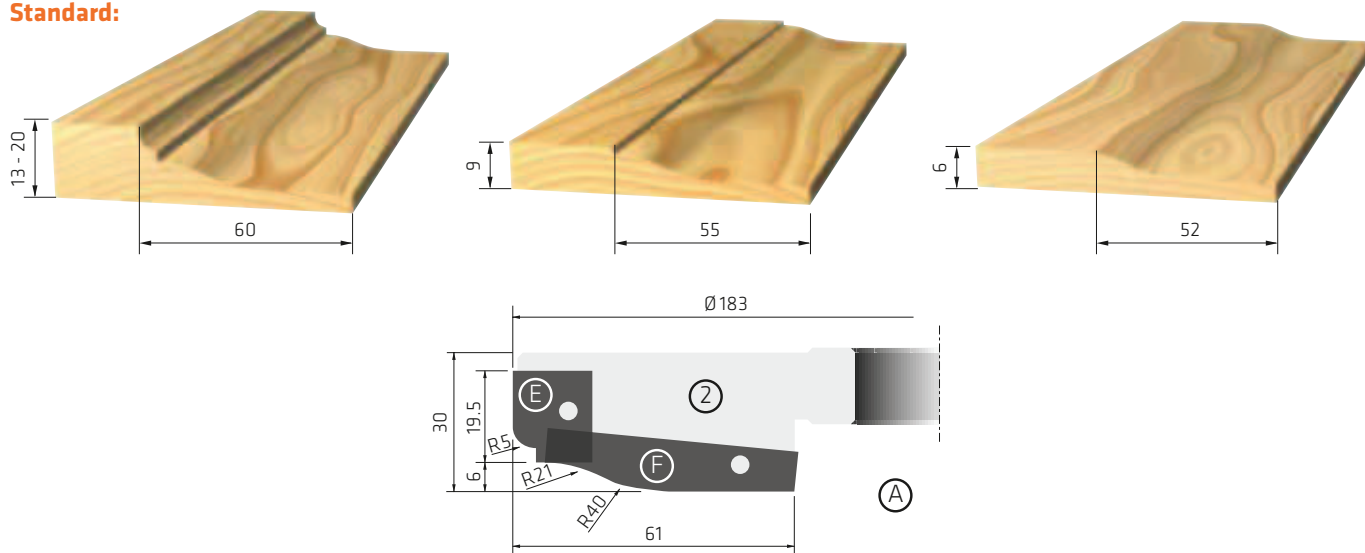
Standard:



Optional:



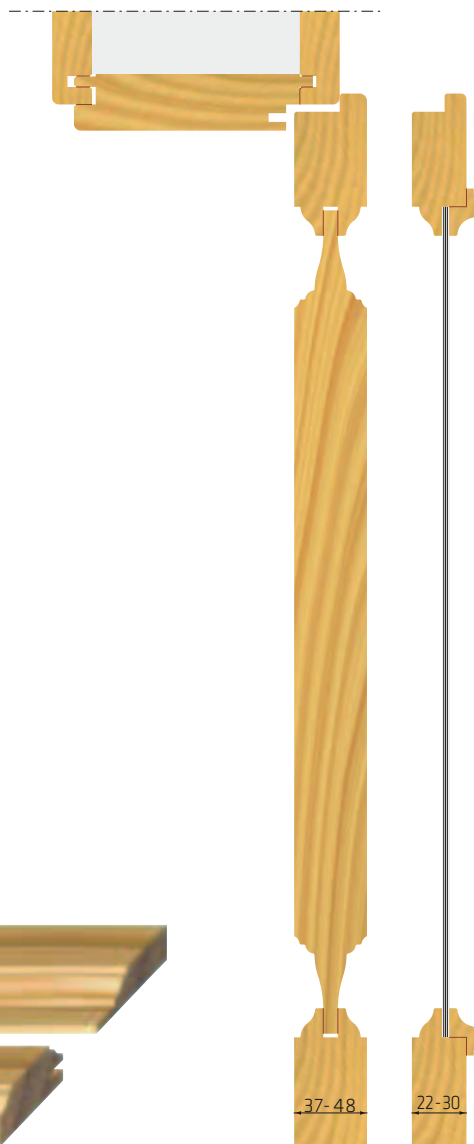
Standard:



TCT03/7

MAN | HW

Set utensili per antine e porte interne Doors and kitchen cabinet set

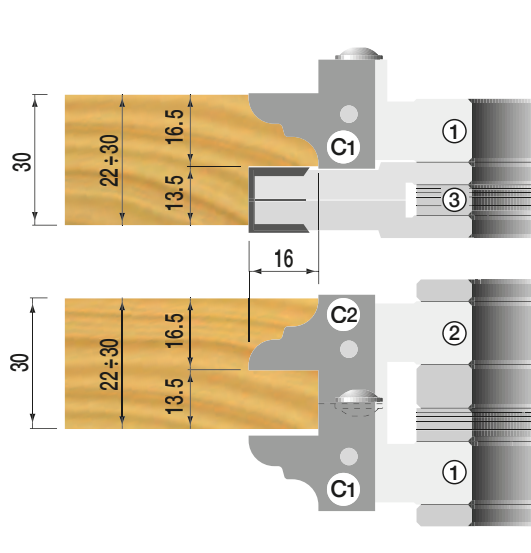
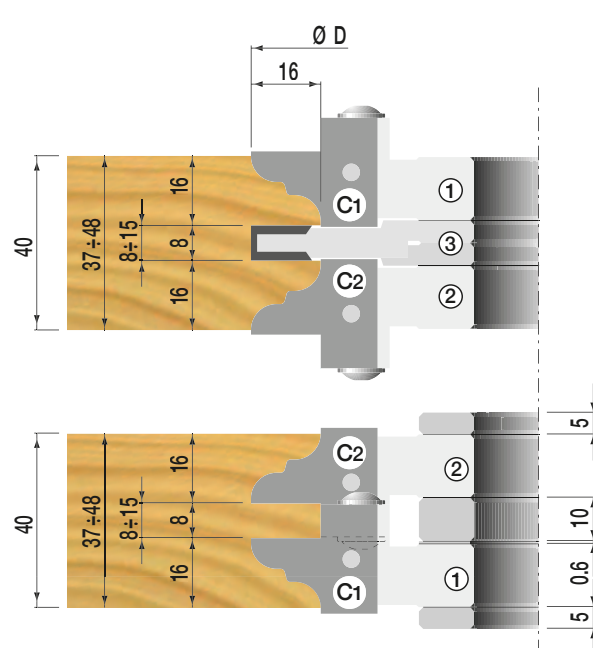
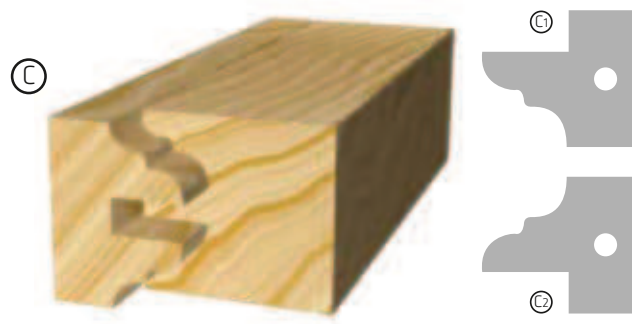
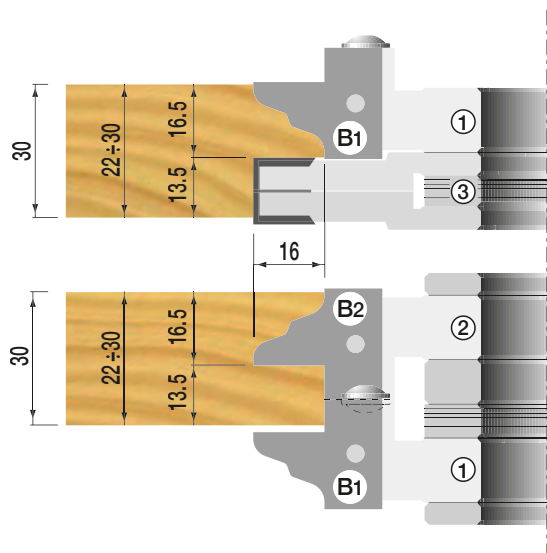
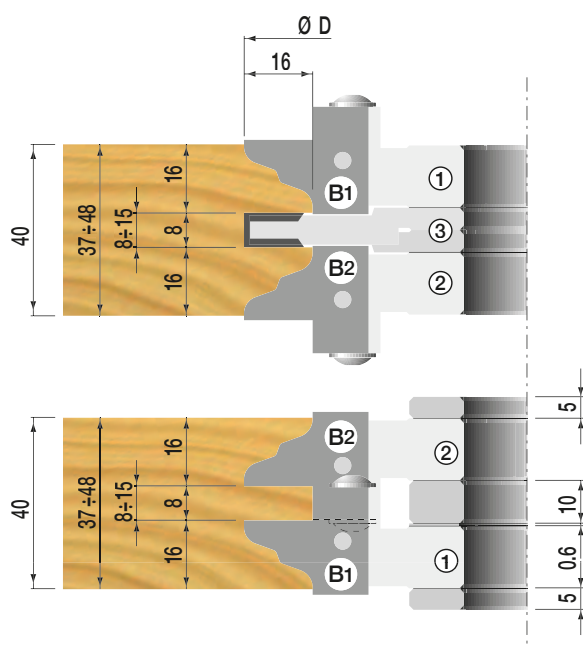
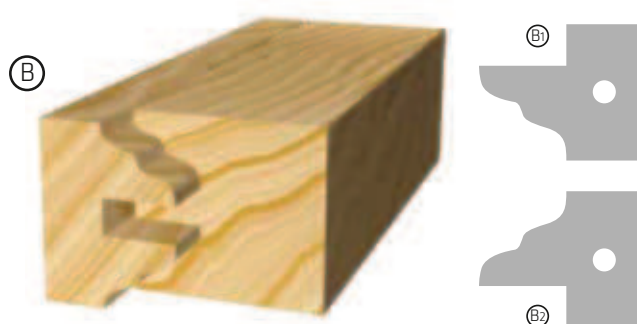


Ricambi Spare Parts						
	Art. Nr.	TRF06.03A1.1439	TRF07.3400.0018	TRF08.M650.1316		
	Dim.	(A1) 25x29,8x2	23	M6x20		
	Pcs	2	2	10		
Optional 	Art. Nr.	TRF06.03B1.1441	TRF06.03C1.1443	TRF06.03D1.1445	TRF06.03E1.1447	
	Dim.	(B1) 25x29,8x2	(C1) 25x29,8x2	(D1) 25x29,8x2	(E1) 25x29,8x2	
	Pcs	2	2	2	2	
	Art. Nr.	TRF06.03A2.1440	TRF07.3400.0019	TRF08.M650.1316		
	Dim.	(A2) 25x29,8x2	23	M6x20		
	Pcs	2	2	10		
Optional 	Art. Nr.	TRF06.03B2.1442	TRF06.03C2.1444	TRF06.03D2.1446	TRF06.03E2.1448	
	Dim.	(B2) 25x29,8x2	(C2) 25x29,8x2	(D2) 25x29,8x2	(E2) 25x29,8x2	
	Pcs	2	2	2	2	
	Art. Nr.	TRF06.1215.A008	TRF07.3500.0021	TRF08.M550.2403	TRF02.1420.G014	TRF08.M550.0002
	Dim.	7,65x12x1,5	6,8	M5x18	14x14x2	M5x7
	Pcs	10	2	10	10	10

Set per antine e portoncini: esempi
Doors and Kitchen cabinet set: examples

TCT03/7

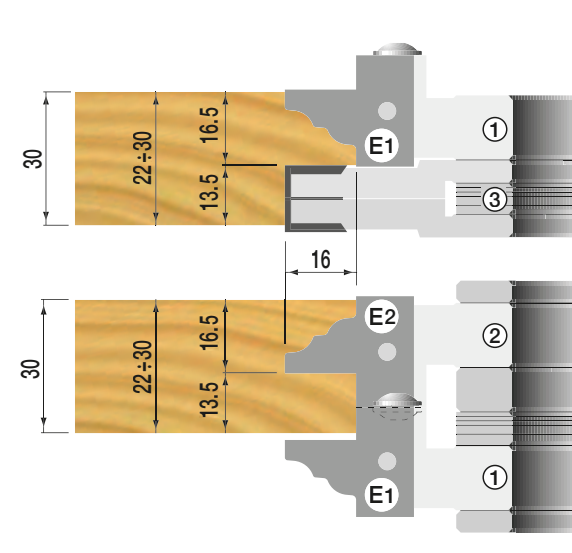
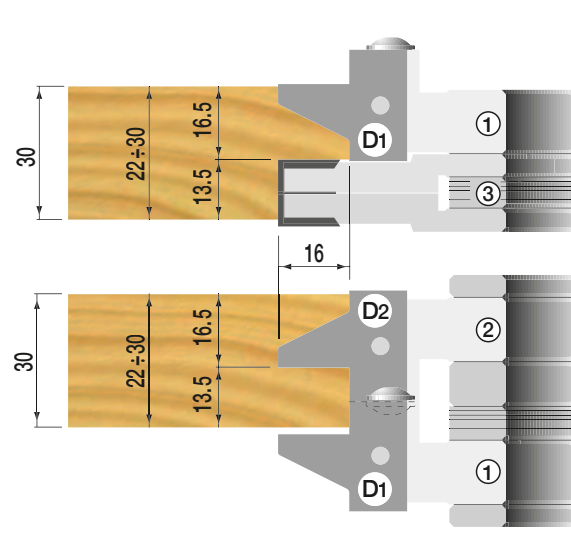
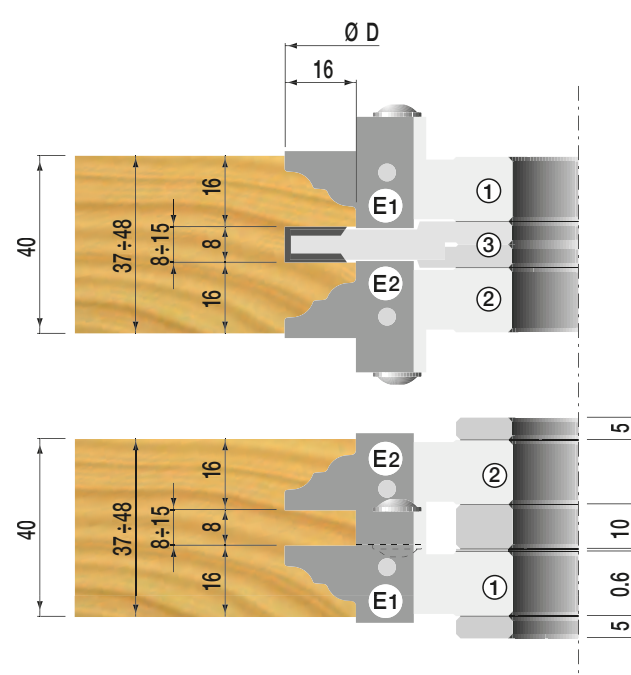
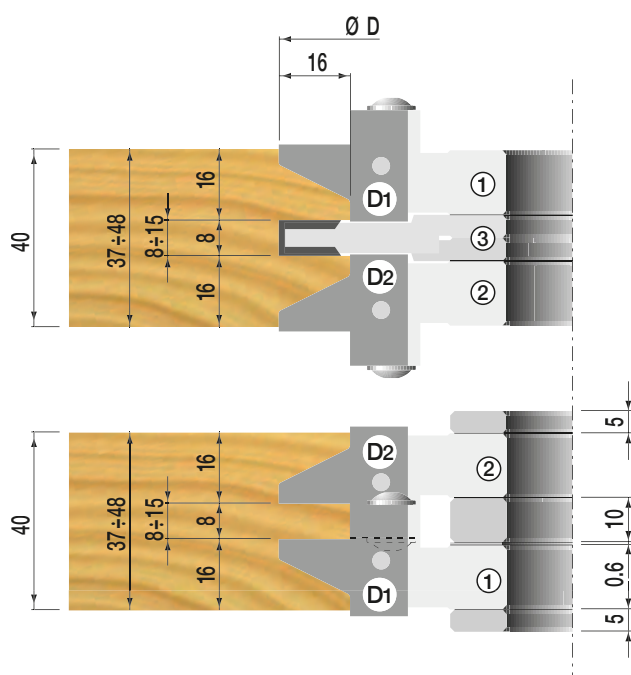
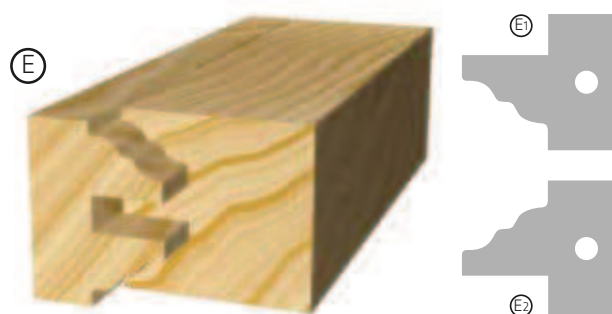
MAN | HW



TCT03/7

MAN | HW

Set per antine e portoncini: esempi
Set for profile and counterprofile: examples



Set utensili per parchetti e perline

Tongue and groove tooling set

Questo set è stato ideato per realizzare diverse tipologie di parchetti e perline con spessore di legno variabile. Al set base, composto da due gruppi in lega leggera e realizzato per produrre parchetti, si possono combinare delle teste aggiuntive per produrre cinque tipi diversi di perline. Gli utensili sono forniti completi di anelli distanziali.

Set with 4 cutters in light alloy and steel execution, standard tungsten carbide profiled knives, cutters 1-4 included in the set, cutters 5+6 can be obtained on request for further profiles, chip thickness limitation and reduced recoil, suitable for manual feed.

TCT03/8

MAN | HW



Corpo in lega leggera | Light alloy body

MAN - Z2 + V4 - HW (Profilo montato A4+B4 | Profile included A4+B4)

Ø D (mm)	Ø D' (mm)	B (mm)	d (mm)	Z	V	Tipo forma / Shape type	N° utensile / Tool number	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
122	140	20 + (4-7,5) + 36,4	30	4	4	A4+B4	1+2+3+4	TBT03.140A.0001	●	AF 2296
122	140	20 + (4-7,5) + 36,4	35	4	4	A4+B4	1+2+3+4	TBT03.140B.0001	●	AF 2338

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Set fornito in
cassetta di plastica

Set supplied in a
plastic box

Elementi aggiuntivi | Extra cutterheads

Corpo in lega leggera | Light alloy body

MAN - Z2 + V2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	V	Tipo forma / Shape type	N° utensile / Tool number	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
138	20	30	2	2	A5	5	TCT03.138A.0001	●	AF 616
138	20	35	2	2	A5	5	TCT03.138B.0001	●	AF 661
138	20	30	2	2	A6	6	TCT03.138A.0002	●	AF 616
138	20	35	2	2	A6	6	TCT03.138B.0002	●	AF 661

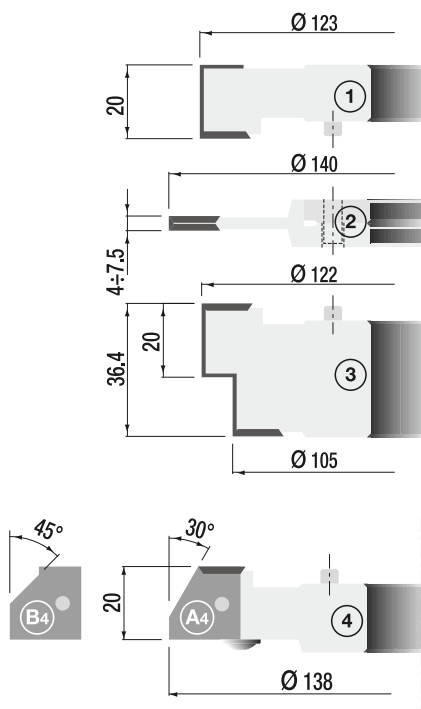
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TCT03/8

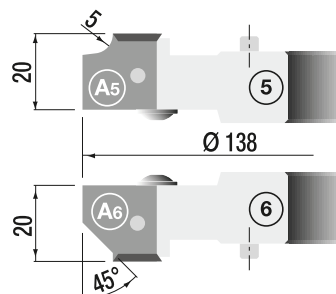
MAN | HW

Set utensili per parchetti e perline Tongue and groove tooling set

Set completo Tooling set



Teste aggiuntive Extra cutterheads

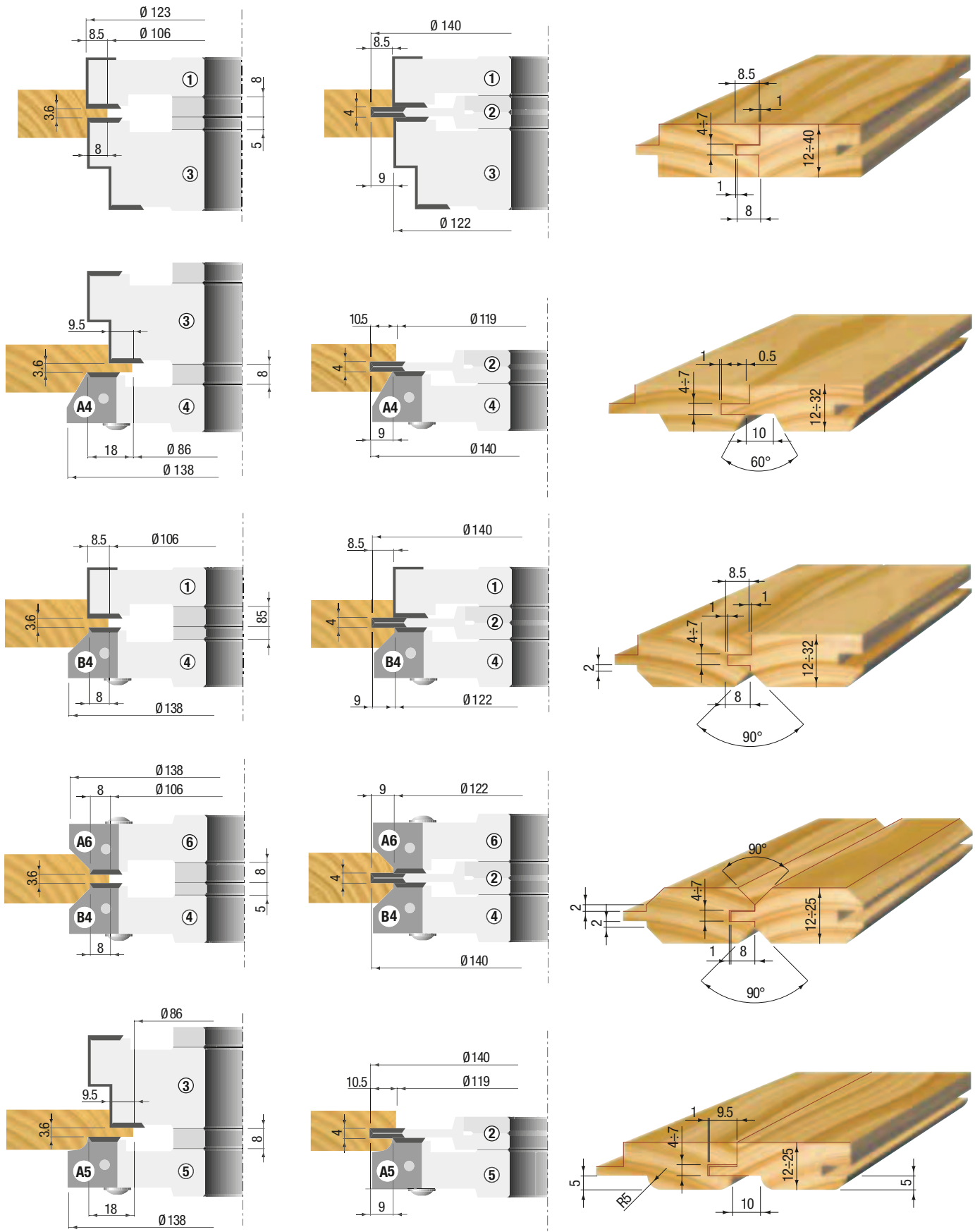


Ricambi Spare Parts								
Type								
①	Art. Nr.	TRF01.1215.A020		TRF07.3400.0024	TRF08.M850.1404	TRF02.1420.G014	TRF08.M550.0002	
	Dim.	20x12x1,5		17	M8x20	14x14x2	M5x7	
	Pcs	10		2	10	10	10	
②	Art. Nr.	TRF02.1819.G001		TRF08.RD10.1001	TRF08.M450.0401	TRF02.1412.G014	TRF08.M450.0401	TRF08.RD10.1001
	Dim.	18x18x1,95		12x1,7	M4x3	14x14x1,2	M4x3	10x1,65
	Pcs	10		10	10	10	10	10
③	Art. Nr.	TRF01.1215.A020		TRF07.3400.0024	TRF08.M850.1404	TRF02.1420.G014	TRF08.M550.0002	
	Dim.	20x12x1,5		17	M8x20	14x14x2	M5x7	
	Pcs	10		2	10	10	10	
④	Art. Nr.	TRF06.03A4.1435	TRF06.03B4.1436	TRF07.3400.0024	TRF08.M850.1404	TRF02.1420.G014	TRF08.M550.0002	
	Dim.	19,8x22x2	19,8x22x2	17	M8x20	14x14x2	M5x7	
	Pcs	2	2	2	10	10	10	
⑤	Art. Nr.	TRF06.03A5.1437		TRF07.3400.0024	TRF08.M850.1404	TRF02.1420.G014	TRF08.M550.0002	
	Dim.	19,8x22x2		17	M8x20	14x14x2	M5x7	
	Pcs	2		2	10	10	10	
⑥	Art. Nr.	TRF06.03A6.1438		TRF07.3400.0024	TRF08.M850.1404	TRF02.1420.G014	TRF08.M550.0002	
	Dim.	19,8x22x2		17	M8x20	14x14x2	M5x7	
	Pcs	2		2	10	10	10	

Set utensili per parchetti e perline: esempi
Tongue and groove tooling set: examples

TCT03/8

MAN | HW



TCT05/1

MAN | HW

Testa per giunzioni a 45° 45° mitre Joint cutterhead



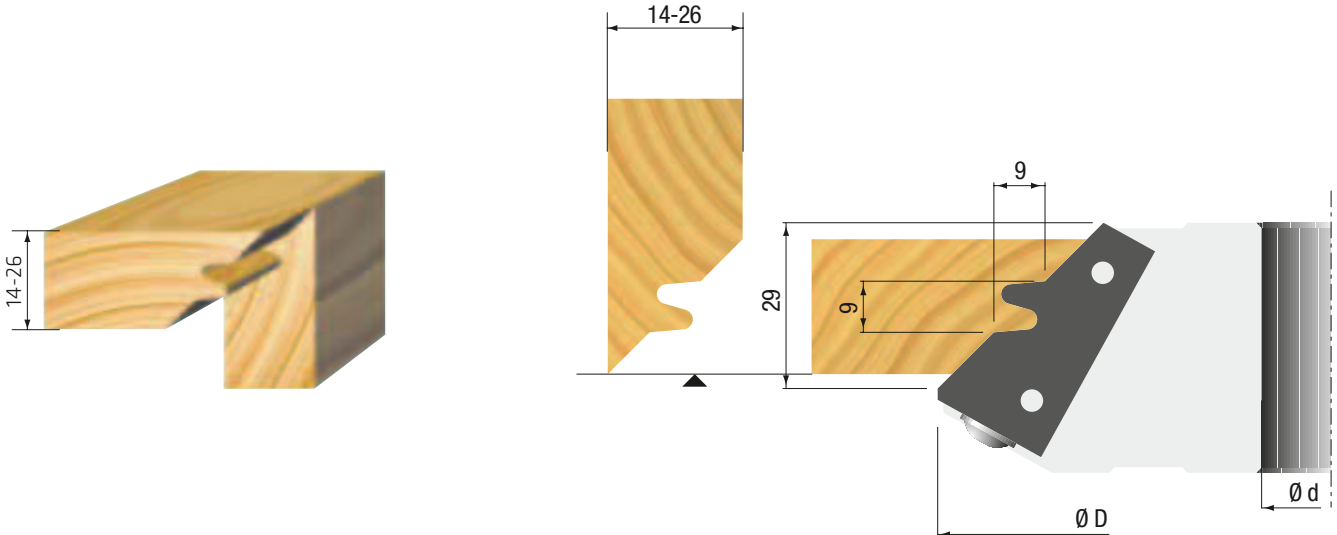
Testa in lega leggera a due taglienti per eseguire giunzioni a 45°. La giunzione si ottiene con due successive lavorazioni: la prima con il legno in fase di lavorazione posto in posizione orizzontale, la seconda con il legno in posizione verticale.

Body in light alloy execution, standard tungsten carbide profiled knives for high precision 45° mitre joints, chip thickness limitation and reduced recoil, suitable for manual feed.

Corpo in lega leggera | Light alloy body MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
140	32	30	2	9400	TCT05.140A.0003	●	AF 598
140	32	35	2	9400	TCT05.140B.0003	●	AF 642
140	32	40	2	9400	TCT05.140C.0003	●	AF 642
150	32	50	2	9400	TCT05.150D.0001	●	AF 654

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi Spare Parts				
TCT05/1	Art. Nr.	TRF06.0560.1401	TRF07.3400.0030	TRF08.M850.1404
	Dim.	43x23x2	42	M8x20
	Pcs	2	2	10

Testa con coltellini per giunzioni a 45°

Mitre joint cutterhead 45°

Testa con coltellini in HW per eseguire giunzioni a 45°. Lo spessore legno lavorabile va da un minimo di 13 mm a un massimo di 35 mm. La giunzione si ottiene con due successive lavorazioni: la prima con il legno da lavorare in posizione orizzontale, la seconda con il legno in posizione verticale.

Steel body, standard tungsten carbide profiled knives for high precision 45° mitre joints, chip thickness limitation and reduced recoil, suitable for both manual and mechanical feed.

TCT05/2

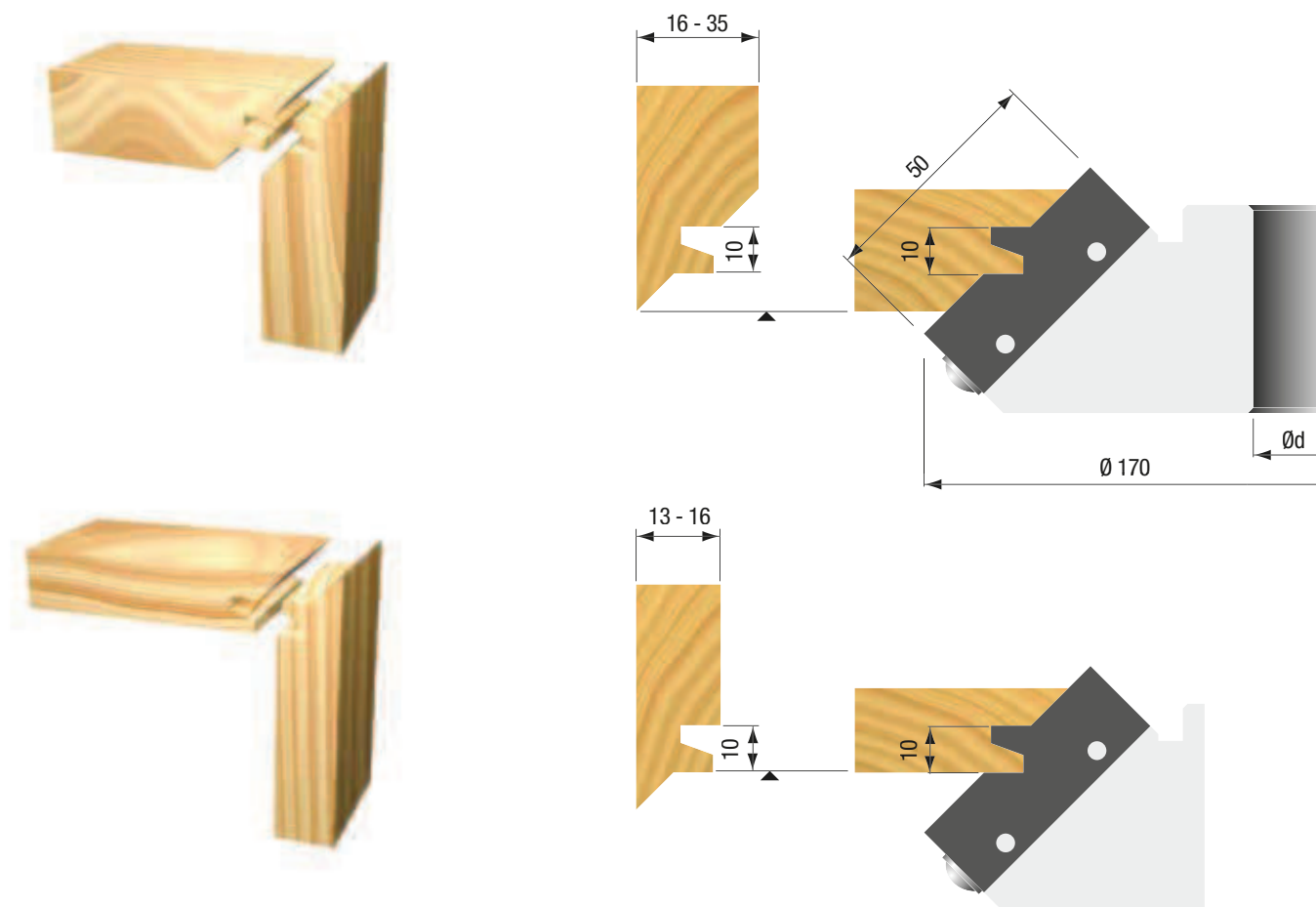
MAN | HW



Corpo in acciaio | Steel body MAN - Z2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
170	50	30	2	7700	TCT05.170A.0001	●	AF 749
170	50	35	2	7700	TCT05.170B.0001	●	AF 793
170	50	40	2	7700	TCT05.170C.0001	●	AF 793

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi Spare Parts				
TCT05/2	Art. Nr.	TRF06.0560.2082	TRF07.3500.0039	TRF08.M750.2402
	Dim.	50x25x2	46	M7x21
	Pcs		2	10

TCT05/3

MAN | HW

Testa per giunzioni Joint cutterhead

Utensile a due taglienti con corpo in lega leggera e coltelli in HW.

Light alloy body, standard tungsten carbide profiled knives for high precision jointing of hardwood and softwood, chip thickness limitation and reduced recoil, suitable for manual feed.

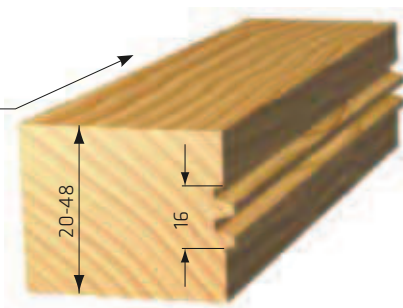


Corpo in lega leggera | Light alloy body
MAN - Z2 - HW

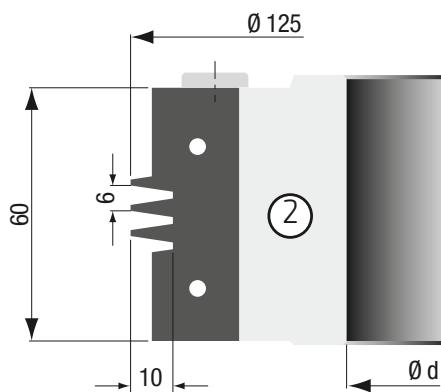
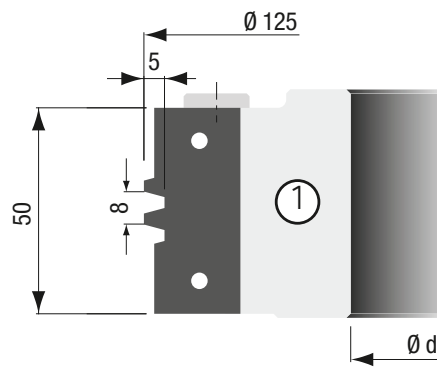
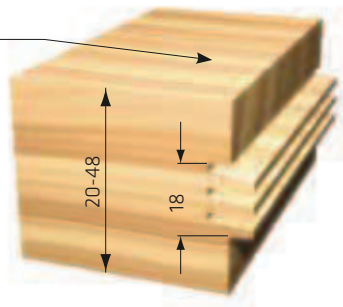
Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	50	30	2	10600	TCT05.125A.0001	●	AF 559
125	50	35	2	10600	TCT05.125B.0001	●	AF 605
125	50	40	2	10600	TCT05.125C.0001	●	AF 605
125	50	50	2	10600	TCT05.125D.0001	●	AF 605
125	60	30	2	10600	TCT05.125A.0002	●	AF 729
125	60	35	2	10600	TCT05.125B.0002	●	AF 775
125	60	40	2	10600	TCT05.125C.0002	●	AF 775
125	60	50	2	10600	TCT05.125D.0002	●	AF 775

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Lungo vena
Long grain



Traverso vena
Cross grain



Ricambi | Spare Parts

TCT05.125A.0001 ①	Art. Nr.	TRF06.0560.5002	TRF07.3400.0011	TRF08.M850.1403
	Dim.	50x19x2	48	M8x16
	Pcs	2	2	10
TCT05.125A.0002 ②	Art. Nr.	TRF06.0560.5004	TRF07.3400.0041	TRF08.M850.1403
	Dim.	60x24x2	58	M8x16
	Pcs	2	2	10

Testa per giunzioni a spessore variabile

Adjustable joint cutterhead

Testa con coltellini in HW a 2 taglienti per eseguire giunzioni di spessore variabile su qualsiasi tipo di legno. Adatta per giunzioni di testa e per giunzioni ad angolo. Utensile idoneo per la realizzazione di profili ad arco, è completo di anelli distanziali.

Steel body, standard tungsten carbide profiled knives for high precision jointing in hardwood and softwood, suitable for end grain and corner joints (windows), for wood thicknesses 38-94 mm, suitable for both manual and mechanical feed.

TCT05/4

MAN | HW

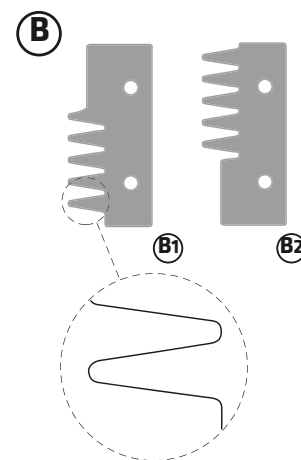
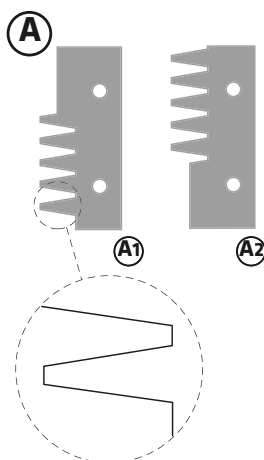
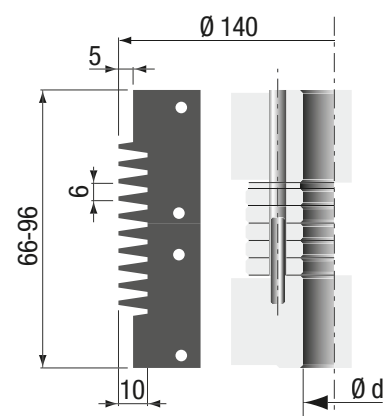
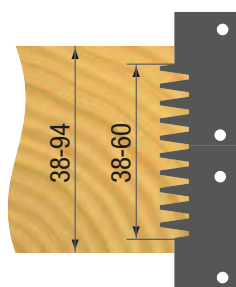
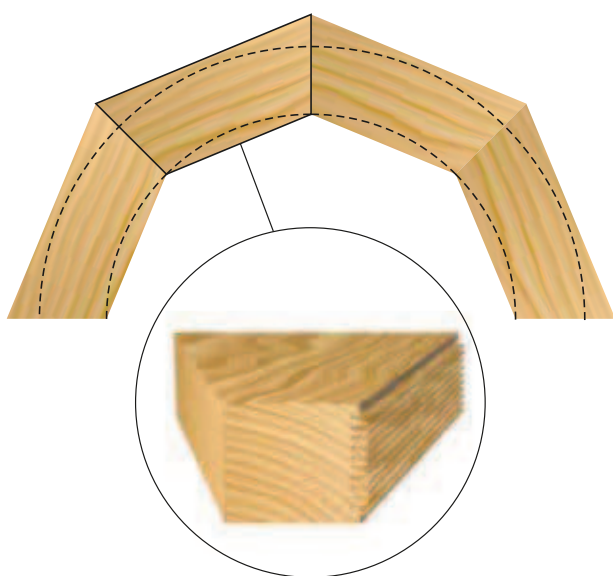


Corpo in acciaio | Steel body

MAN - Z2+2 - HW

Ø D (mm)	B (mm)	d (mm)	Z	Tipo forma / Shape type	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
140	38,0-94,0	30	2+2	A	9400	TCT05.140A.0001	●	AF 1750
140	38,0-94,0	35	2+2	A	9400	TCT05.140B.0001	●	AF 1796
140	38,0-94,0	40	2+2	A	9400	TCT05.140C.0001	●	AF 1796
140	38,0-94,0	30	2+2	B	9400	TCT05.140A.0002	●	AF 1750
140	38,0-94,0	35	2+2	B	9400	TCT05.140B.0002	●	AF 1796
140	38,0-94,0	40	2+2	B	9400	TCT05.140C.0002	●	AF 1796

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Ricambi Spare Parts							
Ⓐ	Art. Nr.	TRF06.5023.2027	TRF06.5023.2028			TRF07.3400.0002	TRF08.M850.1410
Ⓑ	Art. Nr.			TRF06.5023.2093	TRF06.5023.2094	TRF07.3400.0002	TRF08.M850.1410
	Dim.	50x22,5x2	50x22,5x2	50x22,5x2	50x22,5x2	46	M8x25
	Pcs	2	2	2	2	2	10

TCT06/1

MAN | HW

Testa elicoidale a pre-piallare Helical pre-planing head

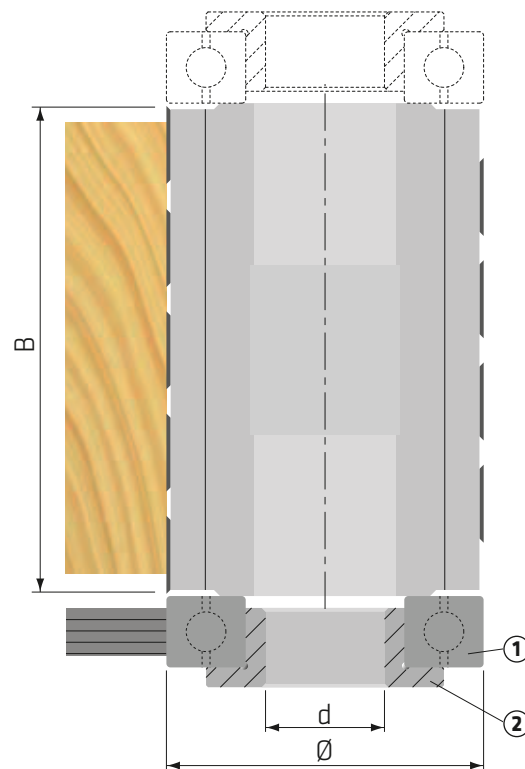
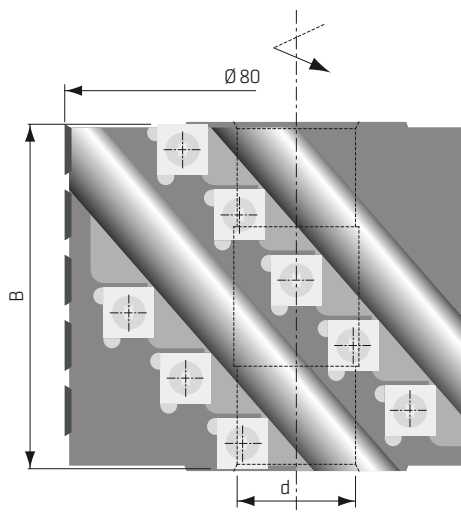
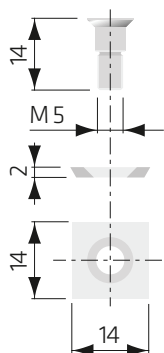
Testa elicoidale per medie finiture con corpo lega leggera equipaggiata di coltelli 14x14x2 in HW con quattro lati taglienti. Le teste possono essere fornite di rasanti su uno o sui due lati. Il prezzo verrà aumentato in base al numero di rasanti montati.

Helical head for medium finishing with body in light alloy equipped with 14x14x2 knives in HW with four cutting edges. The heads can be fitted with spurs on one or both sides. The price will be increased on the basis of the number of spurs installed.

Corpo in lega leggera | Light alloy body MAN - Z12 - HW

Ø D (mm)	B (mm)	d (mm)	Z	Rpm max	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
80	76,5	30	12	16000	TCT06.080A.0001	●	AF 511
80	76,5	35	12	16000	TCT06.080B.0001	●	AF 557
80	76,5	40	12	16000	TCT06.080C.0001	●	AF 557

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



- ① Cuscinetto per contornare
Ball bearing
- ② Bussole di riduzione con flangia
Reducing bushes with flange

	Ø D [mm]	B [mm]	Ø d [mm]	Art. Nr.
①	80	16	50	TAM03.CS10.0610
②	50	10	30	TAM03.BR10.0344
②	50	10	35	TAM03.BR10.0349
②	50	10	40	TAM03.BR10.0353

Con cuscinetto fino Ø 40
With guide ball bearing until before Ø 40

Ricambi Spare Parts			
TCT06/1	Art. Nr.	TRF02.1420.G014	TRF08.M550.0003
	Dim.	14x14x2	M5x14
	Pcs	10	10



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simatec@simatec.biz
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GLOBALTOOLS

— *Endless possibilities*

HW Knife routers line
Linea Punte a coltellino HW



TWT
HIGH TECH TOOLS

Three HW Knife routers are shown against a dark background. The router on the left is a large, complex unit with a white and grey body and a black base. The middle router is a smaller, more compact unit with a black body and a black base. The router on the right is a small, cylindrical unit with a black body and a black base. All three routers have a black base and a black handle.

HW Knife routers

Punte a coltellino HW

Articolo Issue	Cod.	Pag.
Punte per incastri, incisioni e scanalature Grooving, engraving and chamfering cutters		
Punta pantografo inclinata 90° per scanalature a V V-Groove 90° HW knife router for engraving	TCC01/1	4
Punta pantografo inclinata 90° per incisioni o smussi a V V-Groove 90° HW knife router for engraving or chamfering	TCC01/2	5
Punta a coda di rondine Dovetail router bit	TCC01/3	6
Punta sagomata per cava serrature porte - Densimet HW knife router for door lock - Densimet	TCC01/4	7
Punte per battute, raggiature e arrotondamenti Rebating, radius and round cutters		
Punta smusso con coltellini ad inclinazione variabile SINCRO HW knife adjustable bevel router SINCRO for CNC	TCC02/1a	8
Punta smusso con coltellini ad inclinazione variabile per CNC HW knife adjustable bevel router for CNC	TCC02/1b	10
Punta sagomata per smusso inclinato 30°/45°/60° HW Knife router for bevelling 30°/45°/60°	TCC02/2	11
Punta sagomata per squadratura e contornitura a ¼ di tondo HW Knife router for ¼ round squaring and routing	TCC02/3	12
Punta sagomata a ¼ di tondo a raggio convesso HW Knife router for ¼ round with convex radius	TCC02/4	13
Punta sagomata a ¼ di tondo a raggio concavo HW Knife router for ¼ round with concave radius	TCC02/5	14
Punta sagomata a ½ tondi a raggio convesso HW Knife router for ½ round with convex radius	TCC02/6	15
Punta sagomata tutto tondo HW knife router bits for ball radius	TCC02/7	16
Punte per profili standard Standard profiles cutters		
Punta multiprofilo per decorazioni su MDF Multiprofiles HW Knife router for decorating on MDF	TCC03/1	17
Punta sagomata multiprofilo per lavorazioni interne Multiprofiles HW Knife router for inside profiles	TCC03/2	21
Punta sagomata per giunzioni HW profiled knife router for finger joint	TCC03/3	23

Articolo Issue	Cod.	Pag.
Set punte per profili standard Set of cutters for standard profiles		
Set punte per lavorazione antine in MDF - 5 profili <i>HW Knife router set for cabinet door on MDF - 5 profiles</i>	TCC04/1	24
Set punte per lavorazione antine in MDF - 1 profilo R=1,5 <i>HW Knife router set for cabinet door on MDF - 1 profile R=1,5</i>	TCC04/2	27
Punte per sgrossare, spianare Sizing and planing cutters		
Punta per contornare e spianare <i>HW Knife router for sizing and planing</i>	TCC05/1 · TCC05/2	30
Punta spirale multitaglienti per contornare <i>HW spiral router bit for planing</i>	TCC05/3	32
Punta per spianare <i>HW Knife router for planing</i>	TCC05/4 · TCC05/5	33
Punta a forare e contornare <i>HW knife router for sizing and plunging</i>	TCC05/6 · TCC05/7 TCC05/8	35

Legenda Disponibilità/Availability:

- - Articolo disponibile con spedizione da Twt in 5 gg. lavorativi.
● - Article available ex stock with delivery from Twt in 5 working days.
- - Articolo non in stock con spedizione da Twt in 12 gg lavorativi.
● - Article available in short notice and delivery from Twt in 12 working days.
- - Articolo non in stock con spedizione da Twt in 20 gg lavorativi.
● - Article available in medium notice and delivery from Twt in 20 working days.

Punta pantografo inclinata 90° per scanalature a V - Folding

HW knife router for V-Groove 90° engraving - Folding

TCC01/1

MEC | HW | Z=1+1

Corpo in acciaio ad alta resistenza con 1+1 coltelli reversibili in HW integrale micrograno. Ideale per la realizzare scanalature a V, folding, bordi smussati. La punta monta 2 coltelli di durezza ideale per lavorare su MDF e laminati. Applicazione: lavorazioni di squadratura e contornatura di profili 90° ed esecuzione di folding. Adatto per pantografi CNC.

High resistance steel body with 1+1 reversible knives in HW micrograin. Ideal for making V-grooves, folding, beveled edges. The router mounts 2 knives with ideal hardness to work on MDF or laminate. Application: Squaring machining and profiling 90° profiles and folding execution. Suitable for CNC machines.

MEC - Z=1+1 - HW

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
48	18	35	95	20x50	1+1	A	TCC01.01AR.0001	●	AC 874
60	25	40	100	20x50	1+1	B	TCC01.01BR.0001	●	AC 996
75	32	50	110	20x50	1+1	C	TCC01.01CR.0001	●	AC 1240

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	α (°)	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
15	12	1,5	2	35	A	MDF	10	TRF01.1215.B015	●	BF0 81
30	12	1,5	2	35	A	MDF	10	TRC01.1215.2862	●	BF1 255
25	12	1,5	2	35	B	MDF	10	TRC01.1215.2837	●	BF1 269
40	12	1,5	2	35	B	MDF	10	TRC01.1215.2848	●	BF1 323
30	12	1,5	2	35	C	MDF	10	TRF01.1215.B030	●	BF0 134
50	12	1,5	2	35	C	MDF	10	TRC01.1215.2847	●	BF1 309

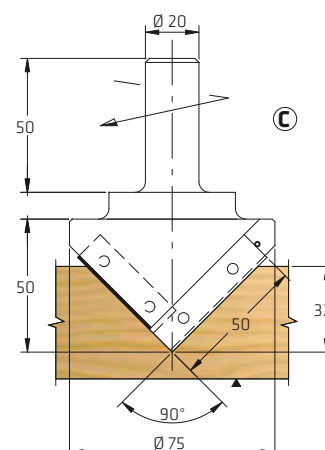
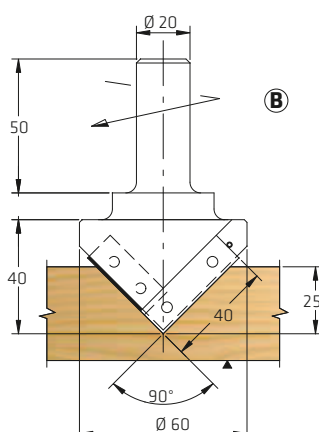
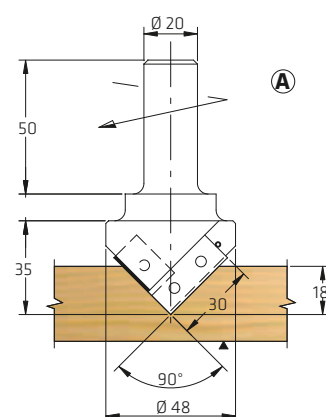
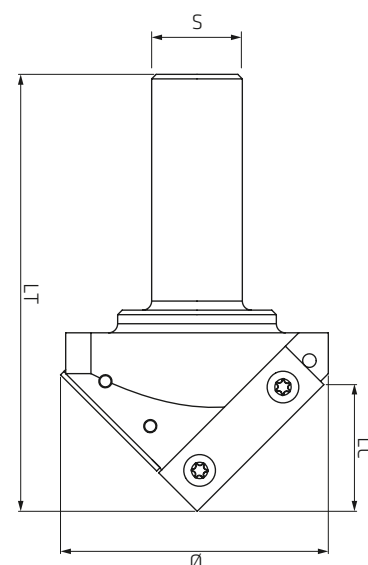
Ricambi disponibili su richiesta con rivestimento **NaDia** - DLC | Spare inserts available on request with **NaDia** coating DLC

Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M4	6	10	TRC08.M4TX.5437	●	B 228

Quantità minime d'ordine | Minimum order quantities



TCC01/2

MEC | HW | Z=1

Punta pantografo inclinata 90° per incisioni o smussi a V V-Groove 90° HW knife router for engraving or chamfering

Corpo in acciaio ad alta resistenza con 1 coltello in HW integrale micrograno tipo bitagliante. Ideale per la realizzare scanalature a V, folding, bordi smussati. La punta monta 1 coltello di durezza ideale per lavorare su MDF e laminati. Applicazione: lavorazioni di squadratura e contornitura di profili 90° ed esecuzione di folding. Adatto per pantografi CNC.

High resistance steel body with 1 knife in HW micrograin dual cut type. Ideal for making V-grooves, folding, beveled edges. The router mounts 1 knife with ideal hardness to work on MDF or laminate. Application: Squaring machining and profiling 90° profiles and folding execution.



MEC - Z=1 (bitagliante | double cut) - HW

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
35	17,3	30	95	20x50	1 Dual	A	TCC01.02AR.0001	●	AC 796
40	21	35	100	20x50	1 Dual	B	TCC01.02BR.0001	●	AC 828
50	24,8	35	100	20x50	1 Dual	C	TCC01.02CR.0001	●	AC 985
60	29,8	40	105	20x50	1 Dual	D	TCC01.02DR.0001	●	AC 1101

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

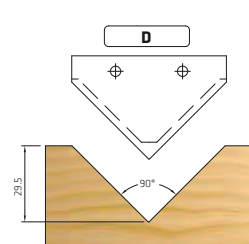
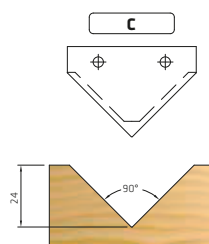
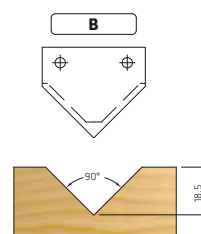
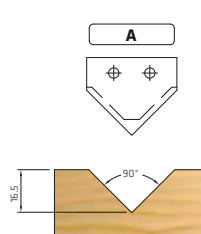
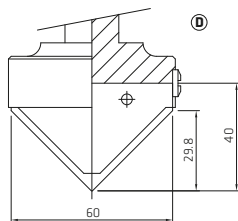
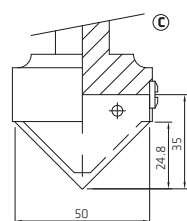
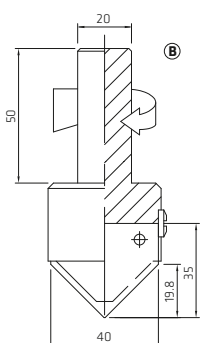
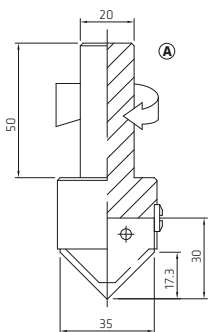
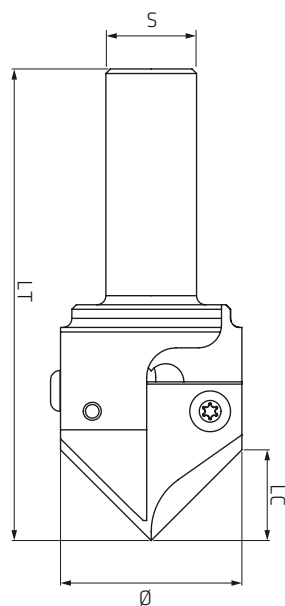
B (mm)	W (mm)	Sp (mm)	Z	α (°)	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
35	30	2	1 Dual	35	A	MDF	2	TRC06.01PA.3530	●	BF2 1169
40	35	2	1 Dual	35	B	MDF	2	TRC06.01PB.4035	●	BF2 1613
50	35	2	1 Dual	35	C	MDF	2	TRC06.01PC.5035	●	BF2 2003
60	40	2	1 Dual	35	D	MDF	2	TRC06.01PD.6040	●	BF2 2594

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC
Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M4	6	10	TRC08.M4TX.3452	●	B 228

Quantità minime d'ordine | Minimum order quantities



Punte a coda di rondine

HW knives dovetail router bits

Ottenute da acciaio di elevata resistenza meccanica con 4 coltelli in HW a fissaggio meccanico per lavorazioni a coda di rondine. Attacco rettificato. Da montare su pantografi a CNC o tradizionali. Indicate a contornare legno, suoi derivati e simili.

Obtained from steel with a high mechanical resistance, with 4 knives in HW for grooving dovetails. Ground shank. Use on CNC or standard router machines. Indicated to cut on edge solid wood, wood composites and similar.

MEC - Z=4 - HW

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
60	28	50	131	25x45	4*	A	TCC01.03AR.4001	●	AC 1324
60	28	50	131	25x48	4*	B	TCC01.03BR.4001	●	AC 1324
60	28	50	131	25x45	4*	C	TCC01.03CR.4001	●	AC 1324
60	28	50	131	30x55	4 RT**	D	TCC01.03DR.4RT1	●	AC 1444
60	28	50	131	30x48	4 RT**	E	TCC01.03ER.4RT1	●	AC 1444
60	28	50	131	30x55	4 RT**	F	TCC01.03FR.4RT1	●	AC 1444

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

* Tagliente liscio - ** Tagliente con rompitrucciolo | * Smooth knife - ** Knife with chipbreaker

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	α (°)	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
50	20	2	1*	35	A-B-C	Wood	4	TRC06.01LT.5020	●	BF2 1084
50	20	2	1 RT**	35	D-E-F	Wood	4	TRC06.01RT.5020	●	BF2 1149

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

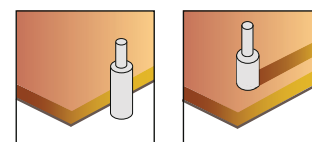
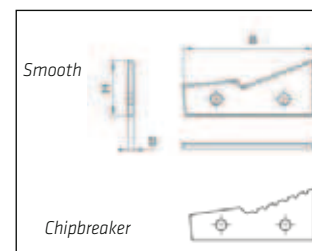
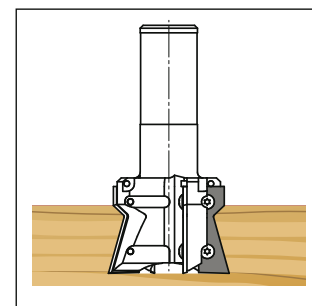
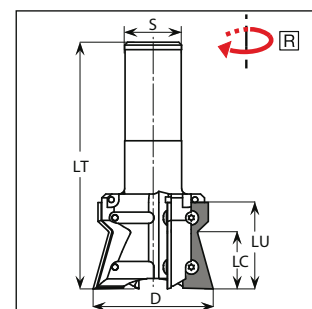
* Tagliente liscio - ** Tagliente con rompitrucciolo | * Smooth knife - ** Knife with chipbreaker

Quantità minime d'ordine | Minimum order quantities

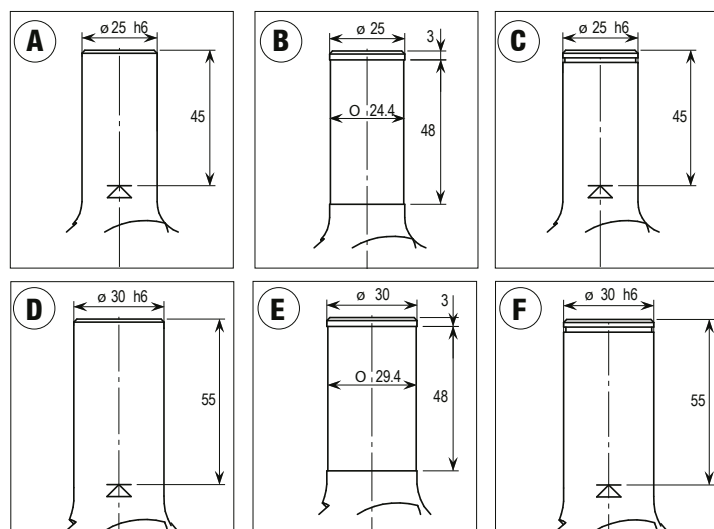
Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M4	6	10	TRC08.M4WV.0008	●	B 131

Quantità minime d'ordine | Minimum order quantities



Esempi di attacchi/Example of shanks



- A) Calettamento termico e hydro/ Shrink and hydro fit
- B) Ribasso di sicurezza per pinze elastiche/Safety collar for collets
- C) Ribasso di sicurezza per pinze elastiche/Safety collar for collets
- D) Calettamento termico e hydro/ Shrink and hydro fit
- E) Anello di sicurezza/Retaining ring
- F) Anello di sicurezza/Retaining ring

TCC01/4

MEC | HW | Z=2

Punta sagomata per cava serrature porte - Densimet

HW knife router for door lock - Densimet

Corpo in Densimet con 2 coltelli in HW integrale. Ideale per eseguire scanalature inserimento alluminio e sede maniglia su pannelli in MDF, legno massello, materiale composito o rivestito. Adatto per macchine pantografi e CNC.

Steel body with 1 knife in HW integral micrograin double cut type. Ideal for executing for T-slot grooving of aluminium and handle slot MDF panels, solid wood and composite materials. Suitable for CNC machines.



MEC - Z=2 - HW

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
14	23	100	170	16	2	TCC01.0414.A170	●	AC 1765
16	23	100	150	16	2	TCC01.0416.B150	●	AC 1855
16	23	110	170	16	2	TCC01.0416.C170	●	AC 1966
16	23	105	170	20	2	TCC01.0416.D170	●	AC 2408
16	23	115	180	16	2	TCC01.0416.E180	●	AC 2087
16	23	135	210	25	2	TCC01.0416.F210	●	AC 3209
18	23	110	170	20	2	TCC01.0418.G170	●	AC 2487

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inseri ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Tipo forma / Shape type	Punta / Bit	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
23	7	1,5	A (2 RT)	Ø 16-18	4	TRC06.2307.02RT	●	BF2 386
23	7	1,5	B (3 RT)	Ø 16-18	4	TRC06.2307.03RT	●	BF2 386
23	6	1,5	A (2 RT)	Ø 14	4	TRC06.2306.02RT	●	BF2 411
23	6	1,5	B (3 RT)	Ø 14	4	TRC06.2306.03RT	●	BF2 411

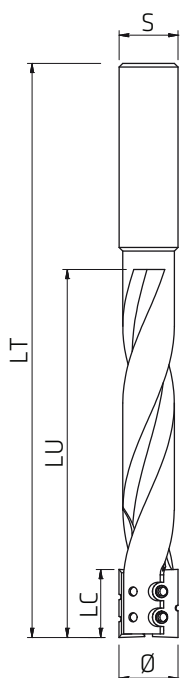
Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

Quantità minime d'ordine | Minimum order quantities

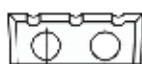
Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	S (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M3	4	5,5	10	TRC08.M3TX.0455	●	B 118

Quantità minime d'ordine | Minimum order quantities



Mod. A



Mod. B

Ø 16-18-20-25-30-35-40-45-50-55-60-65-70-75-80-85-90-95-100



Ø 16-18-20-25-30-35-40-45-50-55-60-65-70-75-80-85-90-95-100



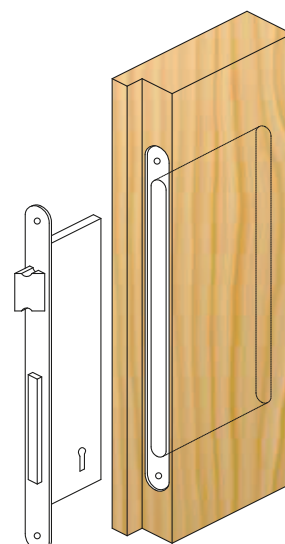
Ø 16-18-20-25-30-35-40-45-50-55-60-65-70-75-80-85-90-95-100



Ø 16-18-20-25-30-35-40-45-50-55-60-65-70-75-80-85-90-95-100



MADE IN ITALY



Punta smusso con coltellini ad inclinazione variabile SINCRO

HW knife adjustable bevel router SINCRO for CNC

Corpo in acciaio ad alta resistenza con 2 coltelli reversibili in HW montati su supporti orientabili in acciaio. Circonferenza e taglio del fianco. Campo di rotazione in continuo da -75° a +75°. La regolazione dei gradi si ottiene contemporaneamente in sincro sui 2 coltelli, tramite rotazione dell'apposita ghiera graduata posta sotto la punta. Il meccanismo è stato studiato per offrire la massima precisione senza giochi tra la ghiera filettata e il tassello rotante, con una tolleranza massima compresa tra 0,02 e 0,03 mm. Applicazione: per effettuare giunzioni, fresature a gradino e smussi su legno massello e pannello. Adatto per pantografi fissi o CNC. Possibilità di montare differenti soluzioni di profili (vedi sezione Opzioni profili a pag. 9).

High resistance steel body with 2 reversible HW knives mounted on adjustable steel supports. Hip circumference and cut. Continuous rotation range from -75 ° to + 75 °. The degree adjustment is obtained simultaneously in sync on the 2 knives, by rotating the appropriate graduated ring located under the body. The mechanism has been designed to offer maximum precision without play between the threaded ring nut and the rotating plug, with a maximum tolerance of between 0.02 and 0.03 mm. Application: to make joints, step milling and chamfers on solid wood and panels. Suitable for fixed or CNC pantographs. Possibility to mount different profile solutions (see section Profile options at page 9).

TCC02/1a

MEC | HW | Z=2



MEC - Z=2 - HW

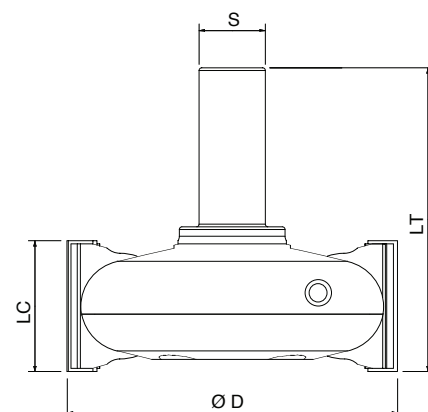
Ø D (mm)	LC (mm)	Reg. / Adj. (°)	LT (mm)	S (mm)	Z	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
125	50	+/-75°	114	25x55	2	TCC02.125R.5075	●	AC 2270
125	60	+/-60°	114	25x55	2	TCC02.125R.6060	●	AC 2610
125	80	+/-45°	114	25x55	2	TCC02.125R.8045	●	AC 2994

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request
 ● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

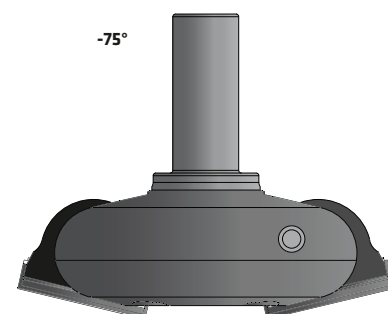
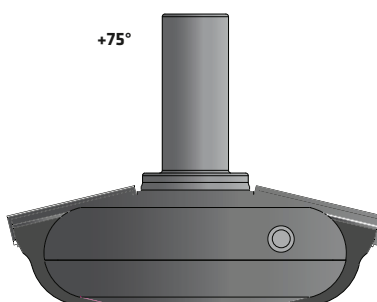
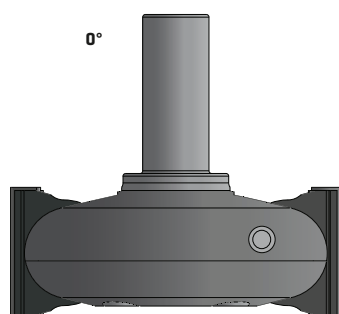
Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
50	12	1,5	2	Wood	10	TRF01.1215.A050	●	BF0 99
60	12	1,5	2	Wood	10	TRF01.1215.A060	●	BF0 118
80	13	2,2	2	Wood	10	TRF01.1215.A080	●	BF0 438

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC
 Quantità minime d'ordine | Minimum order quantities



Esempi di lavorazione | Working example



TCC02/1b

MEC | HW | Z=2

Punta smusso con coltellini ad inclinazione variabile per CNC

HW knife adjustable bevel router for CNC

Corpo in acciaio ad alta resistenza con 2 coltelli reversibili in HW montati su supporti regolabili in acciaio. Circonferenza e taglio del fianco. Campo di rotazione verso l'alto 0 - 45°, verso il basso 0 - 90°, innumerevoli regolazioni in base alla scala, con l'aiuto di regolazione per il posizionamento da una griglia di ogni 7.5°. Non è possibile effettuare alcun spostamento dell'angolo di smusso durante la sostituzione dei coltelli, in senso orario. Applicazione: per effettuare giunzioni, fresature a gradino e smussi su legno massello e pannello. Adatto per pentagrafi fissi o CNC ad avanzamento manuale o meccanico.

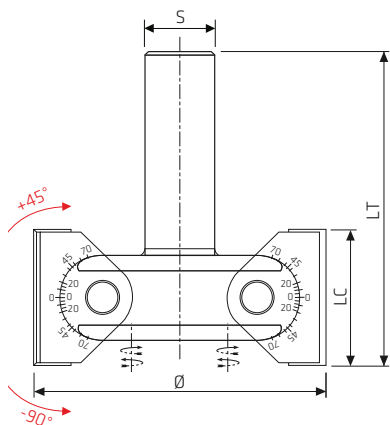
High resistance steel body with 2 HW reversible knives on rotating bezel adaptors. Circumference and flank cutting. Swivel range upwards 0 - 45°, downwards 0 - 90°, infinitely adjustable according to scale with adjustment aid for positioning by a grid of each 7.5°. It is not possible to move the chamfer angle when replacing the knives, clockwise. Application: for joining, folding and chamfering of solid wood and panel. Suitable for CNC and stationary routers with manual and mechanical feed.



MEC - Z=2 - HW

Ø D (mm)	LC (mm)	Reg. / Adj. (°)	LT (mm)	S (mm)	Z	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
105	40	+45°/-90°	90	20x50	2	TCC02.105R.4020	●	AC 1265
105	40	+45°/-90°	90	25x50	2	TCC02.105R.4025	●	AC 1356

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

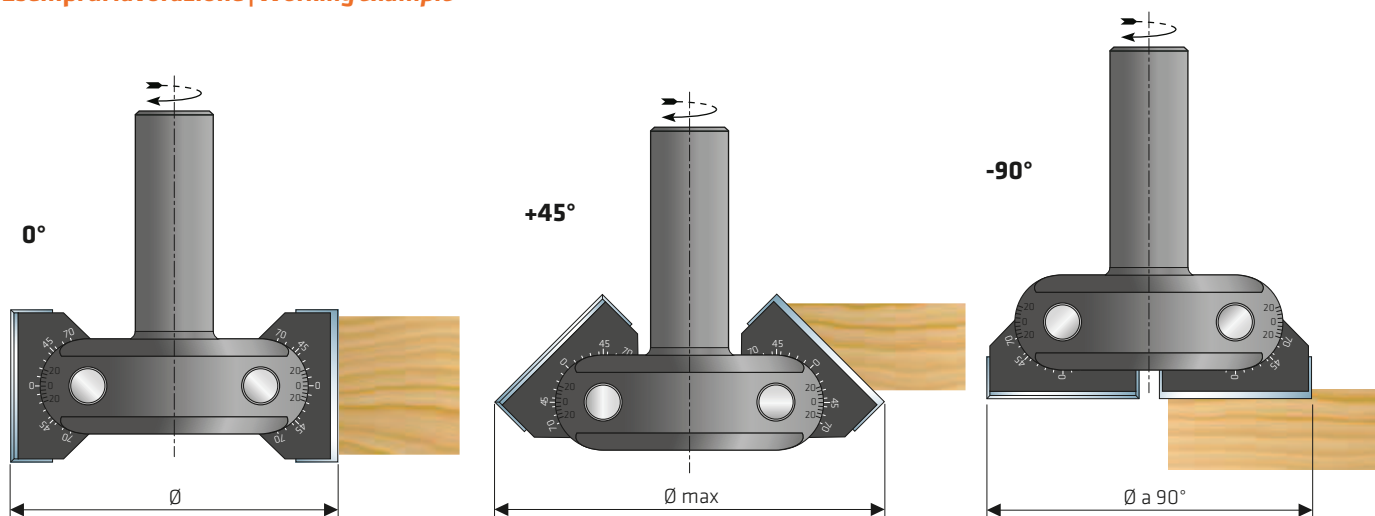


Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
40	12	1,5	2	Wood	10	TRF01.1215.A040	●	BF0 83

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC
Quantità minime d'ordine | Minimum order quantities

Esempi di lavorazione | Working example



Punta sagomata per smusso inclinato 30°/45°/60°

HW knife router for bevelling 30°/45°/60°

Corpo in acciaio ad alta resistenza con 2 coltelli intercambiabili in HW integrale. Ideale per la lavorazione di pannelli in legno massiccio, legno rivestito e materiali compositi. Applicazione: contornatura di pannelli con profilo inclinato a 30° - 45° - 60°. Adatto per lavorare su pantografi e su centri di lavoro CNC.

High resistance steel body with 2 indexable knives in HW integral micrograin. Ideal for working on solid wood, wood veneered and composite materials. Application: routing operations on panel profiling with 30° - 45° - 60°. Suitable for CNC machines.

TCC02/2

MEC | HW | Z=2

MEC - Z=2 - HW

Ø D (mm)	LC (mm)	H max (mm)	LT (mm)	S (mm)	Z	Tipo / Type	α	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
60	30	23	95	20x50	2	A	60°	TCC02.02AR.0001	●	AC 892
73	30	19	95	20x50	2	B	45°	TCC02.02BR.0001	●	AC 934
82	30	13	90	20x50	2	C	30°	TCC02.02CR.0001	●	AC 976
80	50	40	115	20x50	2	D	60°	TCC02.02DR.0001	●	AC 1087
102	50	33	110	20x50	2	E	45°	TCC02.02ER.0001	●	AC 1184
117	50	23	100	20x50	2	F	30°	TCC02.02FR.0001	●	AC 1274

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	α (°)	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
30	12	1,5	2	35	A-B-C	Wood	10	TRF01.1215.A030	●	BF0 68
50	12	1,5	2	35	D-E-F	Wood	10	TRC01.1215.A050	●	BF0 91

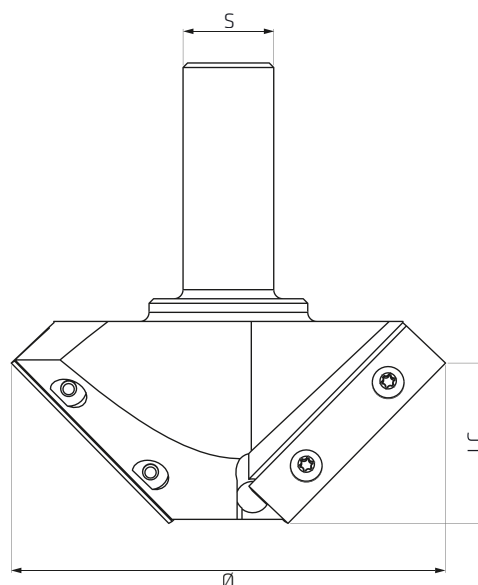
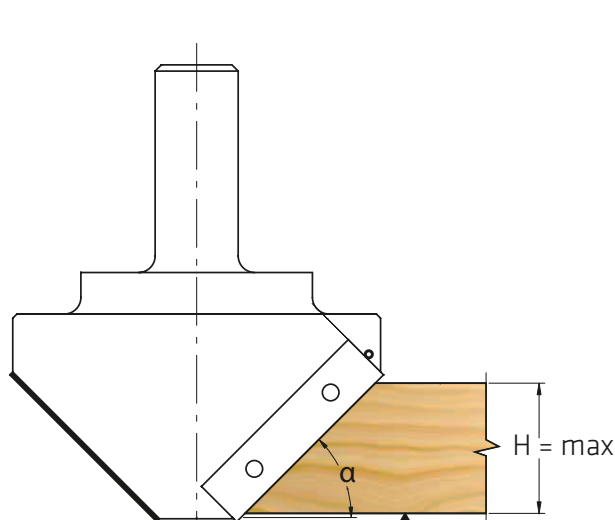
Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M4	6	10	TRC08.M4TX.5437	●	B 228

Quantità minime d'ordine | Minimum order quantities



TCC02/3

MEC | HW | Z=2

Punta sagomata per squadratura e contornatura a ¼ di tondo

HW knife router for ¼ round squaring and routing

Corpo in acciaio ad alta resistenza con 2 coltelli intercambiabili in HW integrale. Ideale per la lavorazione di pannelli in legno massiccio, legno rivestito e materiali compositi. Applicazione: contornatura di pannelli con raggiatura completa del bordo. Adatto per lavorare su pantografi e su centri di lavoro CNC. **L'articolo viene fornito con un profilo evidenziato in tabella.** Le altre opzioni di profili possono essere acquistate a parte.

High resistance steel body with 2 indexable knives in HW integral micrograin. Ideal for working on solid wood, wood veneered and composite materials. Application: routing operations on panel profile with radius. Suitable for CNC machines. **The article is supplied with a profile highlighted in the table list.** The other profile options can be ordered separately.



MEC - Z=2 - HW

Ø D (mm)	Ø D ₁ (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	R	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
60	30	25	95	20x50	2	A	R 3-5-6-7,5*	TCC02.03AR.0001	●	AC 1095
80	50	30	95	20x50	2	B	R 10-12,5*	TCC02.03BR.0001	●	AC 1095
90	50	30	95	20x50	2	C	R 15-17,5*	TCC02.03CR.0001	●	AC 1095
60	30	35	100	20x50	2	D	R 3-5-6-7,5*	TCC02.03DR.0001	●	AC 1187
80	50	35	100	20x50	2	E	R 10-12,5*	TCC02.03ER.0001	●	AC 1187
90	50	35	100	20x50	2	F	R 15-17,5*	TCC02.03FR.0001	●	AC 1187
80	50	40	105	20x50	2	G	R 10-12,5*	TCC02.03GR.0001	●	AC 1187
90	50	40	105	20x50	2	H	R 15-17,5*	TCC02.03HR.0001	●	AC 1187

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	R	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
30	25	2	1	R3	A	MDF	4	TRC06.02AR.3R03	●	BF2 1240
30	25	2	1	R5	A	MDF	4	TRC06.02AR.3R05	●	BF2 1240
30	25	2	1	R6	A	MDF	4	TRC06.02AR.3R06	●	BF2 1240
30	25	2	1	R7,5	A	MDF	4	TRC06.02AR.3R75	●	BF2 1240
30	30	2	1	R10	B	MDF	4	TRC06.02BR.3R10	●	BF2 1319
30	30	2	1	R12,5	B	MDF	4	TRC06.02BR.3R12	●	BF2 1319
30	35	2	1	R15	C	MDF	4	TRC06.02CR.3R15	●	BF2 1436
30	35	2	1	R17,5	C	MDF	4	TRC06.02CR.3R17	●	BF2 1436
35	25	2	1	R3	D	MDF	4	TRC06.02DR.3R03	●	BF2 1292
35	25	2	1	R5	D	MDF	4	TRC06.02DR.3R05	●	BF2 1292
35	25	2	1	R6	D	MDF	4	TRC06.02DR.3R06	●	BF2 1292
35	25	2	1	R7,5	D	MDF	4	TRC06.02DR.3R75	●	BF2 1292
35	30	2	1	R10	E	MDF	4	TRC06.02ER.3R10	●	BF2 1436
35	30	2	1	R12,5	E	MDF	4	TRC06.02ER.3R12	●	BF2 1436
35	35	2	1	R15	F	MDF	4	TRC06.02FR.3R15	●	BF2 1580
35	35	2	1	R17,5	F	MDF	4	TRC06.02FR.3R17	●	BF2 1580
40	30	2	1	R10	G	MDF	4	TRC06.02GR.3R10	●	BF2 1397
40	30	2	1	R12,5	G	MDF	4	TRC06.02GR.3R12	●	BF2 1397
40	35	2	1	R15	H	MDF	4	TRC06.02HR.3R15	●	BF2 1540
40	35	2	1	R17,5	H	MDF	4	TRC06.02HR.3R17	●	BF2 1540

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M4	6	10	TRC08.M4TX.3452	●	B 228

Quantità minime d'ordine | Minimum order quantities

Punta sagomata a 1/4 di tondo a raggio convesso

HW knife router for 1/4 round with convex radius

Corpo in acciaio ad alta resistenza con 2 coltelli intercambiabili in HW integrale. Ideale per la lavorazione di pannelli in legno massiccio, legno rivestito e materiali compositi. Applicazione: contornatura, sagomatura e squadratura di pannelli con raggiatura completa del bordo. Adatto per lavorare su pantografi e su centri di lavoro CNC. **L'articolo viene fornito con un profilo evidenziato in tabella.** Le altre opzioni di profili possono essere acquistate a parte.

High resistance steel body with 2 indexable knives in HW integral micrograin. Ideal for working on solid wood, wood veneered and composite materials. Application: outside profiling, profiling and squaring operations on panel profile with radius. Suitable for CNC machines. **The article is supplied with a profile highlighted in the table list.** The other profile options can be ordered separately.

MEC - Z=2 - HW

Ø D (mm)	Ø D ₁ (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	R	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
72	50	15	85	20x50	2	A	R 3-(5)-6-7,5*	TCC02.04AR.0001	●	AC 1095
85	50	25	95	20x50	2	B	R 10-(25)-15*	TCC02.04BR.0001	●	AC 1106
100	50	35	95	20x50	2	C	R 15-(25)-20*	TCC02.04CR.0001	●	AC 1147
120	50	50	115	20x50	2	D	R 25-(30)*	TCC02.04DR.0001	●	AC 1172

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	R	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
15	20	2	1	R3	A	MDF	4	TRC06.02AR.4R03	●	BF2 966
15	20	2	1	R5	A	MDF	4	TRC06.02AR.4R05	●	BF2 966
15	20	2	1	R6	A	MDF	4	TRC06.02AR.4R06	●	BF2 966
15	20	2	1	R7,5	A	MDF	4	TRC06.02AR.4R75	●	BF2 966
25	25	2	1	R10	B	MDF	4	TRC06.02BR.4R10	●	BF2 1214
25	25	2	1	R12,5	B	MDF	4	TRC06.02BR.4R12	●	BF2 1214
25	25	2	1	R15	B	MDF	4	TRC06.02BR.4R15	●	BF2 1214
35	25	2	1	R17,5	C	MDF	4	TRC06.02CR.4R17	●	BF2 1397
35	25	2	1	R20	C	MDF	4	TRC06.02CR.4R20	●	BF2 1397
50	30	2	1	R25	D	MDF	4	TRC06.02DR.4R25	●	BF2 1775
50	30	2	1	R30	D	MDF	4	TRC06.02DR.4R30	●	BF2 1775

Ricambi disponibili su richiesta con rivestimento **NaDia** - DLC | Spare inserts available on request with **NaDia** coating DLC

Quantità minime d'ordine | Minimum order quantities

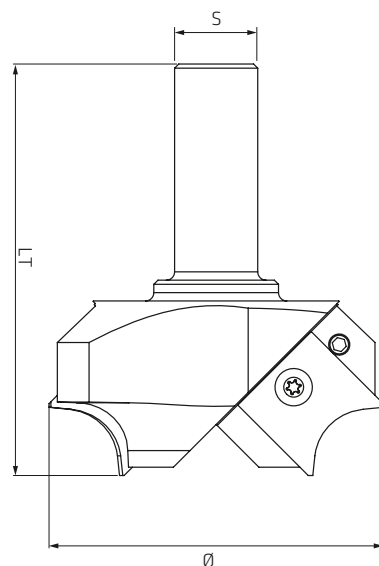
Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M4	6	10	TRC08.M4TX.3452	●	B 228

Quantità minime d'ordine | Minimum order quantities

TCC02/4

MEC | HW | Z=2



TCC02/5

MEC | HW | Z=2

Punta sagomata a ¼ di tondo a raggio concavo

HW knife router for ¼ round with concave radius

Corpo in acciaio ad alta resistenza con 2 coltelli intercambiabili in HW integrale. Ideale per la lavorazione di pannelli in legno massiccio, legno rivestito e materiali compositi. Applicazione: sagomatura e squadratura di pannelli con raggiatura completa del bordo. Adatto per lavorare su pantografi e su centri di lavoro CNC. **L'articolo viene fornito con un profilo evidenziato in tabella.** Le altre opzioni di profili possono essere acquistate a parte.

High resistance steel body with 2 indexable knives in HW integral micrograin. Ideal for working on solid wood, wood veneered and composite materials. Application: profiling and squaring operations on panel profile with radius. Suitable for CNC machines. **The article is supplied with a profile highlighted in the table list.** The other profile options can be ordered separately.



MEC - Z=2 - HW

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	R	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
80	20	20	85	20x50	2	A	R 3-5-6-7,5*	TCC02.05AR.0001	●	AC 937
93	30	30	95	20x50	2	B	R 10-12,5-15*	TCC02.05BR.0001	●	AC 1087
100	35	35	95	20x50	2	C	R 17,5-20*	TCC02.05CR.0001	●	AC 1113
120	80	80	145	20x50	2	D	R 25-30*	TCC02.05DR.0001	●	AC 1158

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	R	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
20	20	2	1	R3	A	MDF	4	TRC06.02AR.5R03	●	BF2 979
20	20	2	1	R5	A	MDF	4	TRC06.02AR.5R05	●	BF2 979
20	20	2	1	R6	A	MDF	4	TRC06.02AR.5R06	●	BF2 979
20	20	2	1	R7,5	A	MDF	4	TRC06.02AR.5R75	●	BF2 979
30	20	2	1	R10	B	MDF	4	TRC06.02BR.5R10	●	BF2 1136
30	20	2	1	R12,5	B	MDF	4	TRC06.02BR.5R12	●	BF2 1136
30	20	2	1	R15	B	MDF	4	TRC06.02BR.5R15	●	BF2 1136
35	20	2	1	R17,5	C	MDF	4	TRC06.02CR.5R17	●	BF2 1136
35	20	2	1	R20	C	MDF	4	TRC06.02CR.5R20	●	BF2 1136
50	20	2	1	R25	D	MDF	4	TRC06.02DR.5R25	●	BF2 1319
50	20	2	1	R30	D	MDF	4	TRC06.02DR.5R30	●	BF2 1319

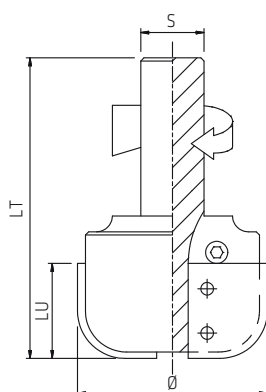
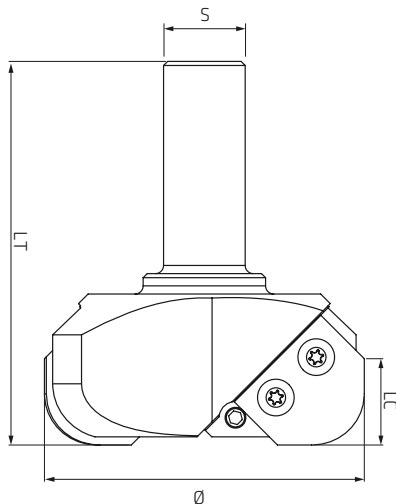
Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

Quantità minime d'ordine | Minimum order quantities

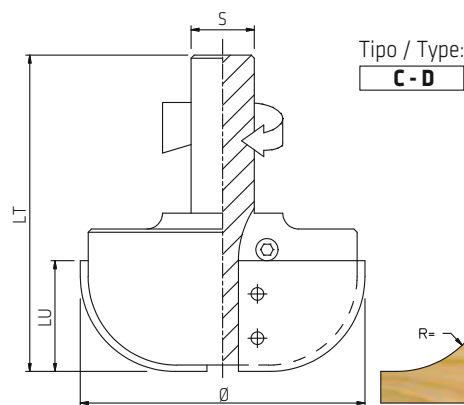
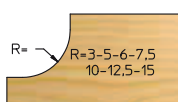
Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M4	6	10	TRC08.M4TX.3452	●	B 228

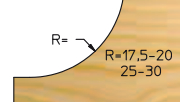
Quantità minime d'ordine | Minimum order quantities



Tipo / Type:
A - B



Tipo / Type:
C - D



Punta sagomata a ½ tondi a raggio convesso

HW knife router for ½ round with convex radius

TCC02/6

MEC | HW | Z=2

Corpo in acciaio ad alta resistenza con 2 coltelli intercambiabili in HW integrale. Ideale per la lavorazione di pannelli in legno massiccio, legno rivestito e materiali compositi. Applicazione: contornatura, sagomatura e squadratura di pannelli con raggiatura completa del bordo. Adatto per lavorare su pantografi e su centri di lavoro CNC. **L'articolo viene fornito con un profilo evidenziato in tabella.** Le altre opzioni di profili possono essere acquistate a parte.

High resistance steel body with 2 indexable knives in HW integral micrograin. Ideal for working on solid wood, wood veneered and composite materials. Application: outside profiling, profiling and squaring operations on panel profile with radius. Suitable for CNC machines. **The article is supplied with a profile highlighted in the table list.** The other profile options can be ordered separately.

MEC - Z=2 - HW

Ø D (mm)	Ø D ₁ (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	R	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
60	30	30	95	20x50	2	A	R (5)-7,5*	TCC02.06AR.0001	●	AC 979
70	30	35	105	20x50	2	B	R (10)-12,5*	TCC02.06BR.0001	●	AC 1176
100	50	60	125	20x50	2	C	R 15-17,5-20*	TCC02.06CR.0001	●	AC 1321
115	40	80	145	20x50	2	D	R 22,5-25-30*	TCC02.06DR.0001	●	AC 1897

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request
 ●●● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	R	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
30	25	2	1	R5	A	MDF	4	TRC06.02AR.6R05	●	BF2 1162
30	25	2	1	R7,5	A	MDF	4	TRC06.02AR.6R75	●	BF2 1162
40	30	2	1	R10	B	MDF	4	TRC06.02BR.6R10	●	BF2 1305
40	30	2	1	R12,5	B	MDF	4	TRC06.02BR.6R12	●	BF2 1305
60	40	2	1	R15	C	MDF	4	TRC06.02CR.6R15	●	BF2 2219
60	40	2	1	R17,5	C	MDF	4	TRC06.02CR.6R17	●	BF2 2219
60	40	2	1	R20	C	MDF	4	TRC06.02CR.6R20	●	BF2 2219
80	50	2	1	R22,5	D	MDF	2	TRC06.02DR.6R22	●	BF2 3355
80	50	2	1	R25	D	MDF	2	TRC06.02DR.6R25	●	BF2 3355
80	50	2	1	R30	D	MDF	2	TRC06.02DR.6R30	●	BF2 3355

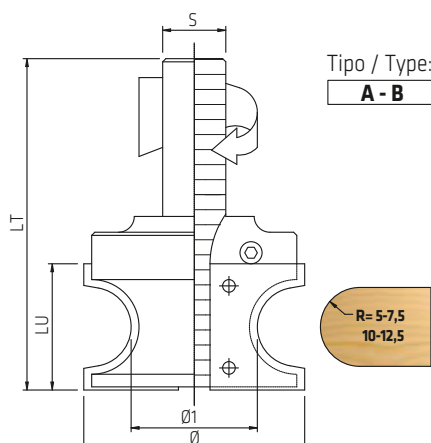
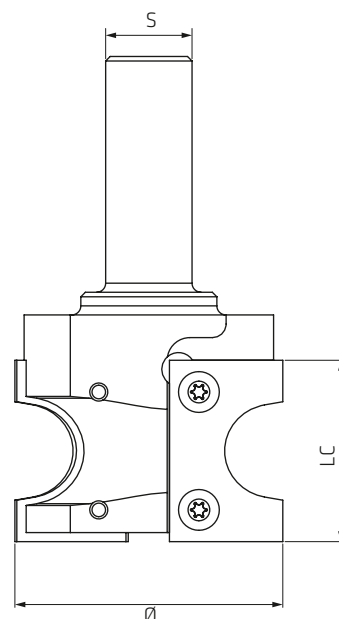
Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

Quantità minime d'ordine | Minimum order quantities

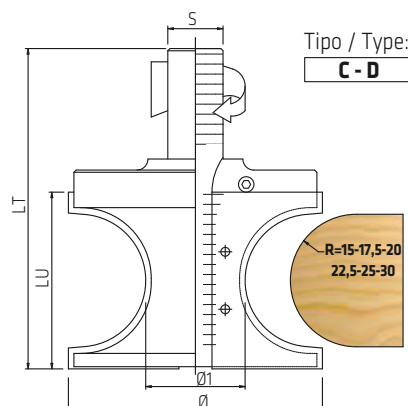
Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M4	6	10	TRC08.M4TX.3452	●	B 228

Quantità minime d'ordine | Minimum order quantities



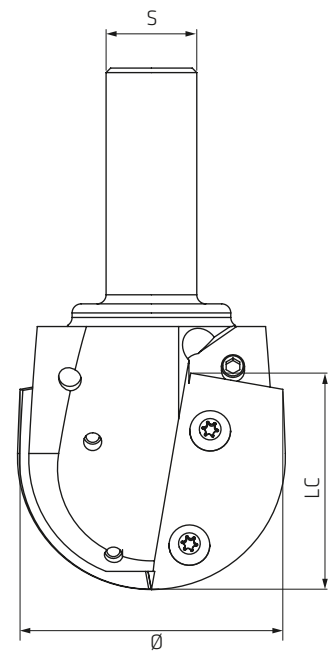
Tipo / Type:
A - B



Tipo / Type:
C - D

TCC02/7

MEC | HW | Z=2



Punta sagomata tutto tondo

HW knife router bits for ball radius

Corpo in acciaio ad alta resistenza con opzioni ad 1 coltello bitagliante e 2 coltelli in HW a fissaggio meccanico. Attacco rettificato. Adatto per pantografi manuali o a CNC. Indicate per contornare legno, suoi derivati e simili.

High resistance steel body with options with 1 knife dual cutting and 2 knives in HW with mechanical fixing. Ground shank. Suitable for CNC or manual power machines to cut on edge and make dividing cuts on solid wood, wood composites, laminated and similar.

MEC - Z=1 (bitagliante/double cut) - HW

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	R	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
12,7	6,35	6,35	57	12	1 Dual	A	R6,35	TCC02.07AR.1R63	●	AC 825
16	8	8	63	12	1 Dual	B	R8	TCC02.07BR.1R80	●	AC 866
19	9,5	9,5	63	12	1 Dual	C	R9,5	TCC02.07CR.1R95	●	AC 866

MEC - Z=2 - HW

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Tipo / Type	R	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
30	47	115	20x50	2	D	R15	TCC02.07DR.2R15	●	AC 1061
35	47	115	20x50	2	E	R17,5	TCC02.07ER.2R17	●	AC 1147
40	46	115	20x50	2	F	R20	TCC02.07FR.2R20	●	AC 1232
60	44	115	20x50	2	G	R30	TCC02.07GR.2R30	●	AC 1317
80	48	119	20x50	2	H	R40	TCC02.07HR.2R40	●	AC 1436
100	57	127	20x50	2	L	R50	TCC02.07LR.2R50	●	AC 1554

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	R	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
12,7	12,7	2	1 Dual	R6,35	A	Wood	2	TRC06.02AR.7R63	●	BF2 1932
16	16	2	1 Dual	R8	B	Wood	2	TRC06.02BR.7R08	●	BF2 2076
19	19	2	1 Dual	R9,5	C	Wood	2	TRC06.02CR.7R95	●	BF2 2219
50	15	2	1	R15	D	Wood	4	TRC06.02DR.7R15	●	BF2 1319
50	20	2	1	R17,5	E	Wood	4	TRC06.02ER.7R17	●	BF2 1319
50	20	2	1	R20	F	Wood	4	TRC06.02FR.7R20	●	BF2 1319
50	25	2	1	R30	G	Wood	4	TRC06.02GR.7R30	●	BF2 1488
60	30	2	1	R40	H	Wood	4	TRC06.02HR.7R40	●	BF2 1958
80	35	2	1	R50	L	Wood	4	TRC06.02LR.7R50	●	BF2 2702

Ricambi disponibili su richiesta con rivestimento **NaDia** - DLC | Spare inserts available on request with **NaDia** coating DLC

Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M3,5	6,5	10	TRC08.M3WV.0003	●	B 207
Vite / screw	M4	6	10	TRC08.M4TX.3452	●	B 228

Quantità minime d'ordine | Minimum order quantities

Punta multiprofilo per decorazioni su mdf

Multiprofiles HW knife router for decorating on mdf

Corpo in acciaio con 1 coltello in HW integrale micrograno tipo bitagliante. Ideale per la lavorazione di pannelli in MDF, laminati, legno impiallacciato, plastica e materiali compositi. L'articolo viene fornito in corpo fresa e 1 profilo a scelta (da specificare al momento dell'ordine), o in un set valigetta completo di corpo fresa e 21 coltelli profilati disegnati per multiple applicazioni. Possibilità di acquistare i coltelli profilati singolarmente, con un minimo quantitativo in fase d'ordine di 4 pezzi. Applicazione: realizzazione di profili di antine da cucina o mobili da bagno. Adatto per pantografi CNC.

Steel body with 1 knife in HW integral micrograin double cut type. Ideal for working on MDF, laminated, wood veneered, plastic and composite materials. The router comes in 2 possible sets: a shank cutter body and a choice profile knife (to be specified in the order request), or in a unique set-box includes a shank cutter body with 21 profile knives designed for multiple applications. Possibility to buy profiled knives individually with a minimum quantity in the order of 4 pieces Application: decorating profiles for kitchen cabinets or bathroom furnitures. Suitable for CNC machines.

TCC03/1

MEC | HW | Z=1 Dual



Set completo a 21 profili | Complete set of 21 profiles

Ø D (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
20	20	85	20x50	1 Dual	21 prof.	TCC04.01KR.0021	●	AC 1561

Kit composto da punta singola e 21 profili | Kit made by single router bit and 21 profiles type

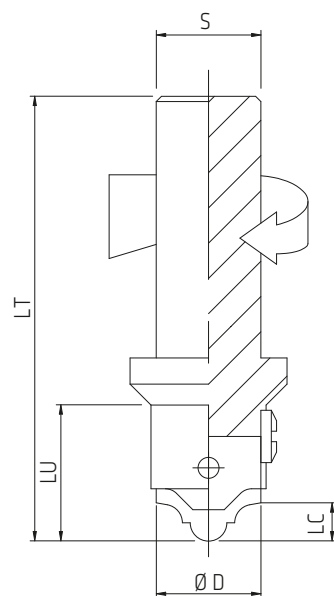
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

MEC - Z=1 (bitagliante|double cut) - HW

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
20	8	20	85	20x50	1 Dual	A01	TCC03.01AR.0001	●	AC 459
20	7,5	20	85	20x50	1 Dual	A02	TCC03.01AR.0002	●	AC 459
20	8	20	85	20x50	1 Dual	A03	TCC03.01AR.0003	●	AC 459
20	8	20	85	20x50	1 Dual	A04	TCC03.01AR.0004	●	AC 459
20	8	20	85	20x50	1 Dual	A05	TCC03.01AR.0005	●	AC 459
20	4	20	85	20x50	1 Dual	A06	TCC03.01AR.0006	●	AC 459
20	7	20	85	20x50	1 Dual	A07	TCC03.01AR.0007	●	AC 459
20	7	20	85	20x50	1 Dual	A08	TCC03.01AR.0008	●	AC 459
20	4	20	85	20x50	1 Dual	A09	TCC03.01AR.0009	●	AC 459
20	6	20	85	20x50	1 Dual	A10	TCC03.01AR.0010	●	AC 459
20	8	20	85	20x50	1 Dual	A11	TCC03.01AR.0011	●	AC 459
20	4	20	85	20x50	1 Dual	A12	TCC03.01AR.0012	●	AC 459
20	6	20	85	20x50	1 Dual	A13	TCC03.01AR.0013	●	AC 459
20	4	20	85	20x50	1 Dual	A14	TCC03.01AR.0014	●	AC 459
20	2	20	85	20x50	1 Dual	A15	TCC03.01AR.0015	●	AC 459
20	3	20	85	20x50	1 Dual	A16	TCC03.01AR.0016	●	AC 459
20	4	20	85	20x50	1 Dual	A17	TCC03.01AR.0017	●	AC 459
20	5	20	85	20x50	1 Dual	A18	TCC03.01AR.0018	●	AC 459
20	6	20	85	20x50	1 Dual	A19	TCC03.01AR.0019	●	AC 459
20	7,5	20	85	20x50	1 Dual	A20	TCC03.01AR.0020	●	AC 459
20	9,8	20	85	20x50	1 Dual	A21	TCC03.01AR.0021	●	AC 459

Punta singola con 1 profilo montato | Single router bit with 1 profile type

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



TCC03/1

MEC | HW | Z=1 Dual

Punta multiprofili per decorazioni su mdf

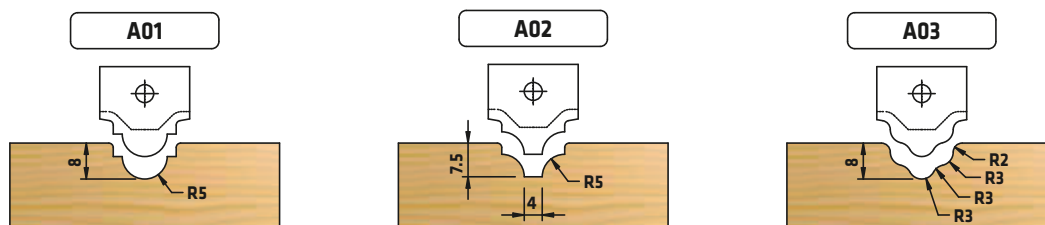
Multiprofiles HW knife router for decorating on mdf

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
20	20	2	1 Dual	A01	MDF	4	TRC06.20AB.0001	●	BF2 770
20	20	2	1 Dual	A02	MDF	4	TRC06.20AB.0002	●	BF2 770
20	20	2	1 Dual	A03	MDF	4	TRC06.20AB.0003	●	BF2 770
20	20	2	1 Dual	A04	MDF	4	TRC06.20AB.0004	●	BF2 770
20	20	2	1 Dual	A05	MDF	4	TRC06.20AB.0005	●	BF2 770
20	20	2	1 Dual	A06	MDF	4	TRC06.20AB.0006	●	BF2 770
20	20	2	1 Dual	A07	MDF	4	TRC06.20AB.0007	●	BF2 770
20	20	2	1 Dual	A08	MDF	4	TRC06.20AB.0008	●	BF2 770
20	20	2	1 Dual	A09	MDF	4	TRC06.20AB.0009	●	BF2 770
20	20	2	1 Dual	A10	MDF	4	TRC06.20AB.0010	●	BF2 770
20	20	2	1 Dual	A11	MDF	4	TRC06.20AB.0011	●	BF2 770
20	20	2	1 Dual	A12	MDF	4	TRC06.20AB.0012	●	BF2 770
20	20	2	1 Dual	A13	MDF	4	TRC06.20AB.0013	●	BF2 770
20	20	2	1 Dual	A14	MDF	4	TRC06.20AB.0014	●	BF2 770
20	20	2	1 Dual	A15	MDF	4	TRC06.20AB.0015	●	BF2 770
20	20	2	1 Dual	A16	MDF	4	TRC06.20AB.0016	●	BF2 770
20	20	2	1 Dual	A17	MDF	4	TRC06.20AB.0017	●	BF2 770
20	20	2	1 Dual	A18	MDF	4	TRC06.20AB.0018	●	BF2 770
20	20	2	1 Dual	A19	MDF	4	TRC06.20AB.0019	●	BF2 770
20	20	2	1 Dual	A20	MDF	4	TRC06.20AB.0020	●	BF2 770
20	20	2	1 Dual	A21	MDF	4	TRC06.20AB.0021	●	BF2 770

Quantità minime d'ordine | Minimum order quantities

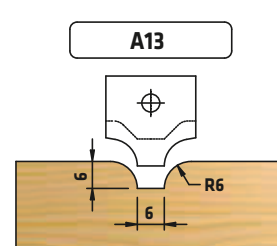
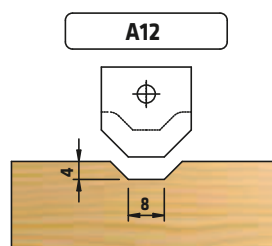
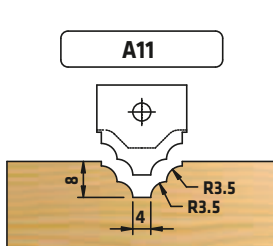
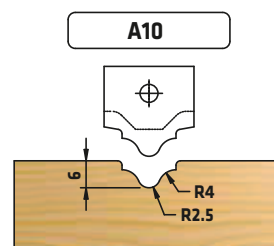
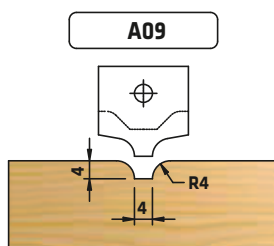
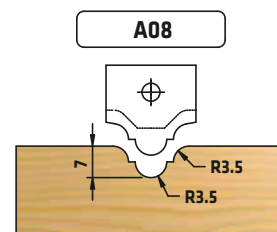
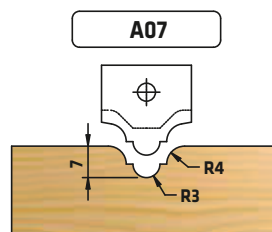
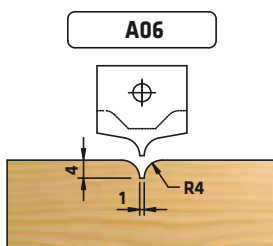
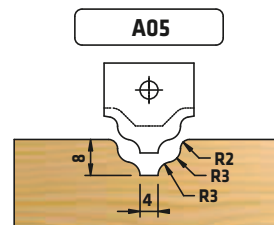
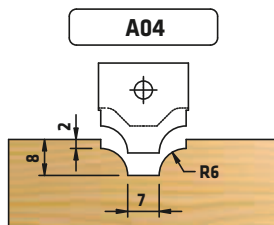
Profili coltelli | Knives profiles



Profili coltelli
Knives profiles

TCC03/1

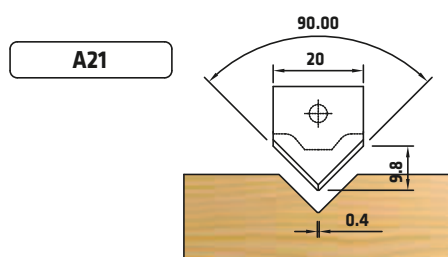
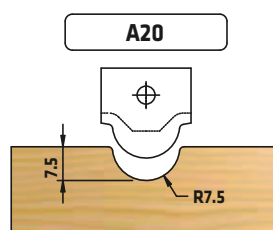
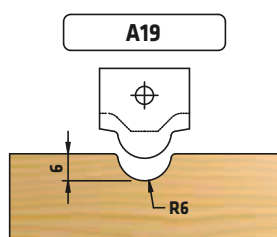
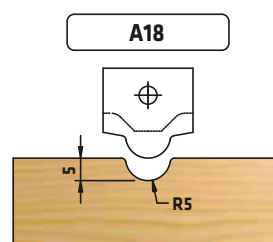
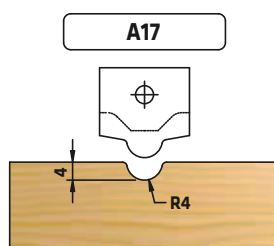
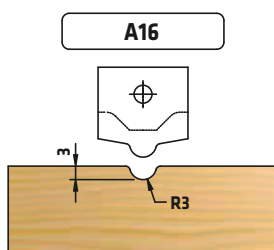
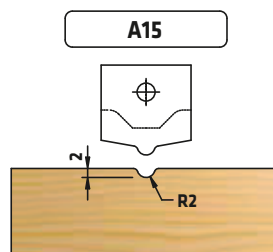
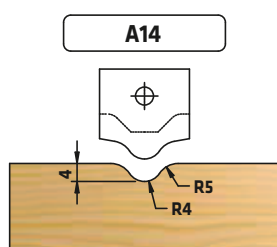
MEC | HW | Z=1



TCC03/1

MEC | HW | Z=1

Profili coltelli
Knives profiles



Punta sagomata multiprofilo per lavorazioni interne

Multiprofiled HW knife router for inside profiles

Corpo in acciaio con 2 coltelli in HW integrale micrograno. Ideale per la lavorazione di pannelli in MDF, laminati, legno impiallacciato, plastica e materiali compositi. L'articolo viene fornito in corpo fresa e 1 profilo a scelta (da specificare al momento dell'ordine). Possibilità di acquistare i coltelli profili singolarmente, con un minimo quantitativo in fase d'ordine di 4 pezzi. Applicazione: realizzazione di profili interni pannelli, antine da cucina o mobili da bagno. Adatto per pantografi CNC.

Steel body with 2 knives in HW integral micrograin. Ideal for working on MDF, laminated, wood veneered, plastic and composite materials. The router comes in a shank cutter body and a choice profile knife (to be specified in the order request). Possibility to buy profiled knives individually with a minimum quantity in the order of 4 pieces. Application: decorating internal panel profiles, kitchen cabinets or bathroom furnitures. Suitable for CNC machines.

TCC03/2

MEC | HW | Z=2



MEC - Z=2 - HW

Ø D (mm)	LC (mm)	H max (mm)	LT (mm)	S (mm)	Z	Tipo / Type	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
56	8	25	105	20x50	2	A01	TCC03.02AR.0001	●	AC 897
56	10	25	105	20x50	2	A02	TCC03.02AR.0002	●	AC 897
56	10	25	105	20x50	2	A03	TCC03.02AR.0003	●	AC 897
56	10	25	105	20x50	2	A04	TCC03.02AR.0004	●	AC 897
56	10	25	105	20x50	2	A05	TCC03.02AR.0005	●	AC 897
56	10	25	105	20x50	2	A06	TCC03.02AR.0006	●	AC 897
56	11,4	25	105	20x50	2	A07	TCC03.02AR.0007	●	AC 897
56	10	25	105	20x50	2	A08	TCC03.02AR.0008	●	AC 897

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
25	25	2	1	A01	MDF	4	TRC06.03AR.2A01	●	BF2 1136
25	25	2	1	A02	MDF	4	TRC06.03AR.2A02	●	BF2 1136
25	25	2	1	A03	MDF	4	TRC06.03AR.2A03	●	BF2 1136
25	25	2	1	A04	MDF	4	TRC06.03AR.2A04	●	BF2 1136
25	25	2	1	A05	MDF	4	TRC06.03AR.2A05	●	BF2 1136
25	25	2	1	A06	MDF	4	TRC06.03AR.2A06	●	BF2 1136
25	25	2	1	A07	MDF	4	TRC06.03AR.2A07	●	BF2 1136
25	25	2	1	A08	MDF	4	TRC06.03AR.2A08	●	BF2 1136

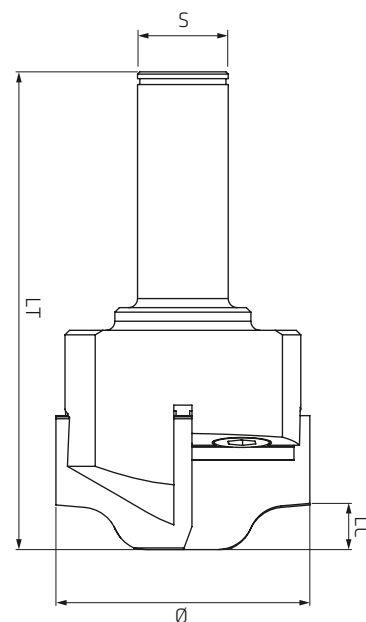
Ricambi disponibili su richiesta con rivestimento **NaDia** - DLC | Spare inserts available on request with **NaDia** coating DLC

Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Tassello / wedge	23	6	10	TRC07.2306.A023	●	B 491
Vite / screw	M6	15	10	TRC08.M60G.1470	●	B 425

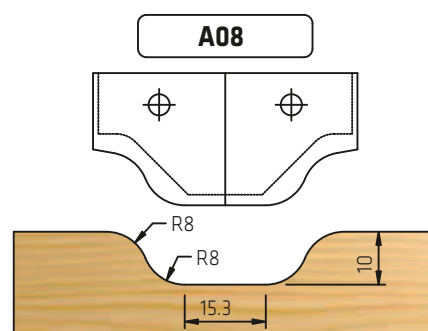
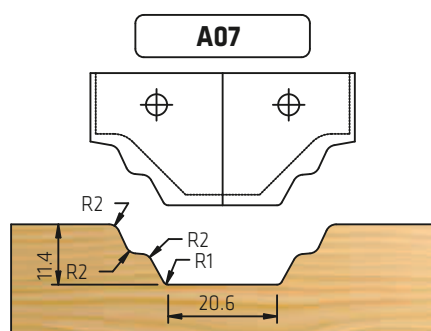
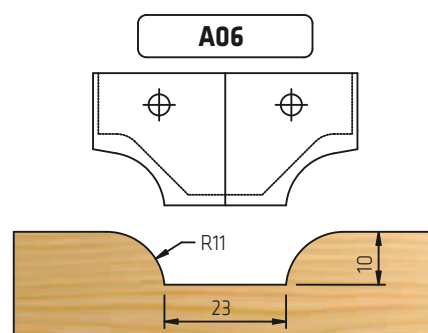
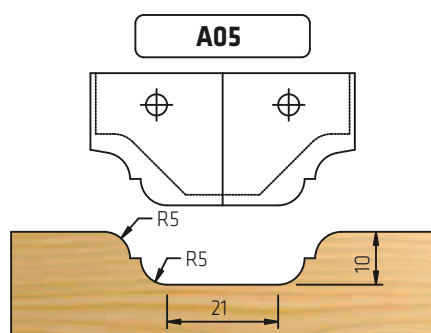
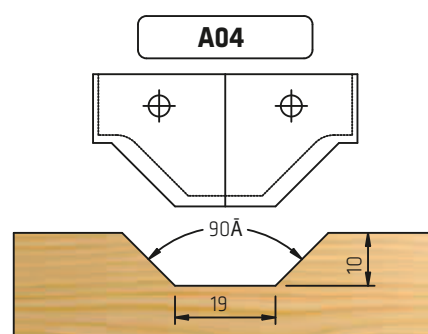
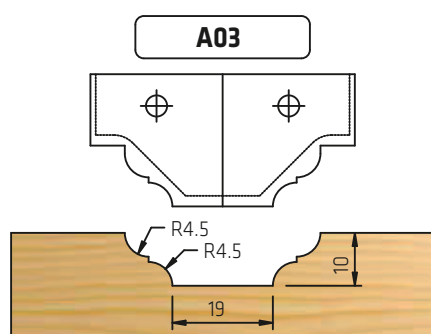
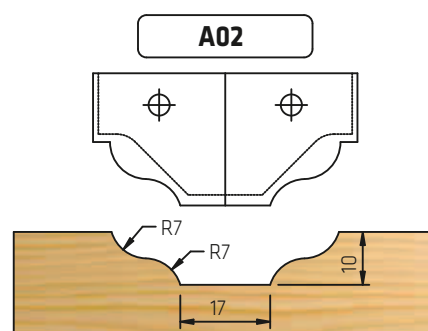
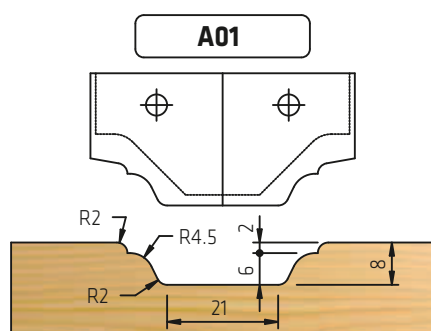
Quantità minime d'ordine | Minimum order quantities



TCC03/2

MEC | HW | Z=2

Profili coltelli Knives profiles



Punta sagomata per giunzioni

HW profiled knife router for finger joint

Corpo in acciaio ad alta resistenza con 2 coltelli intercambiabili in HW integrale. Ideale per la lavorazione di pannelli in legno massiccio, legno rivestito e materiali compositi. Applicazione: contornatura, sagomatura e squadratura di profili a pettine "finger joint" per giunzione di pannelli. Adatto per lavorare su pantografi e su centri di lavoro CNC.

High resistance steel body with 2 indexable knives in HW integral micrograin. Ideal for working on solid wood, wood veneered and composite materials. Application: outside profiling, profiling and squaring operations for production of "finger jointing" on panel profile. Suitable for CNC machines.

TCC03/3

MEC | HW | Z=2



MEC - Z=2 - HW

Ø D (mm)	LC (mm)	H max (mm)	LT (mm)	S (mm)	Z	H (mm)	Tipo / Type	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
60	30	30	100	20x50	2	18-26	A	TCC03.03AR.0001	●	AC 1059
60	40	40	110	20x50	2	26-36	B	TCC03.03BR.0001	●	AC 1214
60	50	50	120	20x50	2	33-46	C	TCC03.03CR.0001	●	AC 1314

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
30	25	2	1	A	MDF	4	TRC06.03AR.3A01	●	BF2 1240
40	25	2	1	B	MDF	4	TRC06.03BR.3B01	●	BF2 1253
50	25	2	1	C	MDF	4	TRC06.03CR.3C01	●	BF2 1488

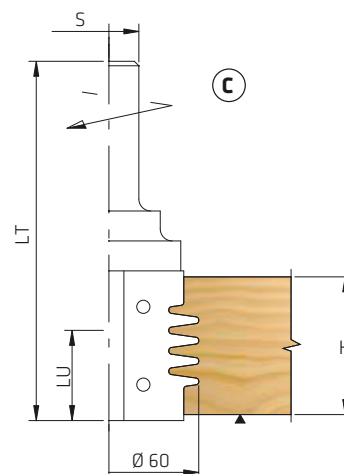
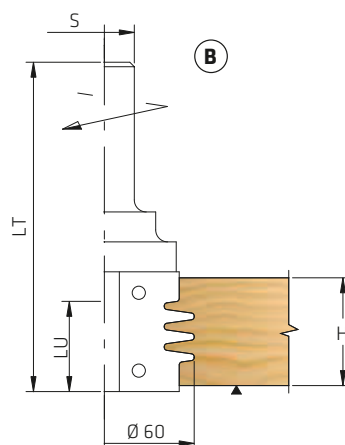
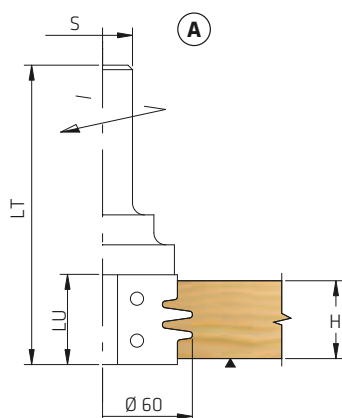
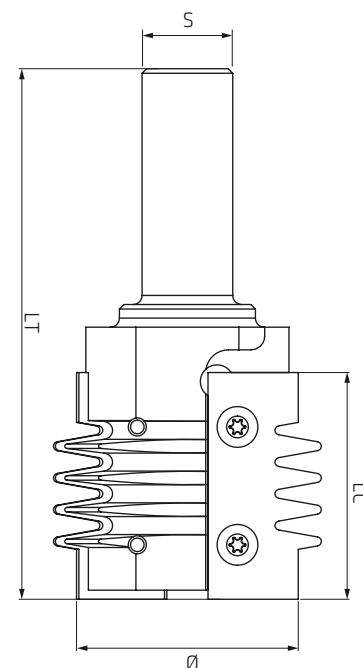
Ricambi disponibili su richiesta con rivestimento **NaDia** - DLC | Spare inserts available on request with **NaDia** coating DLC

Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M4	6	10	TRC08.M4TX.3452	●	B 228

Quantità minime d'ordine | Minimum order quantities



TCC04/1

MEC | HW

Set punte per lavorazione antine in mdf - (fino a 5 profili) HW knife routers set for cabinet door on mdf - (up to 5 profiles)

Set di punte composto da 4 pezzi con corpo in acciaio ad alta resistenza e coltelli in metallo duro HW di elevata qualità. Il set viene fornito con 1 profilo PA01. Possibilità di acquistare i coltelli profili singolarmente. Applicazione: composizione ideale per eseguire la lavorazione di profili più popolari su antine in MDF per cucina e bagno. Adatto per pantografi CNC.

High resistance steel body routers set composed of 4-piece with high quality HW hard metal knives. The set comes with 1 profile PA01. Possibility to buy profiled knives individually. Application: ideal composition for performing the most popular profiles on MDF cabinet and bathroom finishes. Suitable for CNC pantographs.

MEC - Z=2 / Z=1 (bitagliente | double cut) - HW

Set completo 4 punte e 1 profilo | Complete set of 4 router bits and 1 profile

Composizione set / Set composition	Tipo / Type	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
Set completo a 1 profilo / Complete set of 1 profile	PA01 + 5C	TCC04.01KR.PA01	●	AC 1732
Set completo a 5 profili / Complete set of 5 profiles	5 PROF.	TCC04.01KR.PK05	●	AC 2732

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

MEC - Z=2 / Z=1 (bitagliente | double cut) - HW

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
62	30	30	95	20x50	2	A	TCC04.01AR.PA01	●	AC 730
50	30	30	95	20x50	1 Dual	B	TCC04.01BR.PA01	●	AC 613
35	25	25	90	20x50	1 Dual	C	TCC04.01CR.PA01	●	AC 521
20	20	20	85	20x50	1 Dual	D	TCC04.01DR.PA01	●	AC 455

Punta singola con 1 profilo montato | Single router bit with 1 profile type

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
30	25	2	1	PA01	MDF	4	TRC06.04AR.PA01	●	BF2 705
30	25	2	1	PA02	MDF	4	TRC06.04AR.PA02	●	BF2 705
30	25	2	1	PA03	MDF	4	TRC06.04AR.PA03	●	BF2 705
30	25	2	1	PA04	MDF	4	TRC06.04AR.PA04	●	BF2 705
30	25	2	1	PA05	MDF	4	TRC06.04AR.PA05	●	BF2 705
50	30	2	1 Dual	PA01	MDF	2	TRC06.04BR.PA01	●	BF2 1240
50	30	2	1 Dual	PA02	MDF	2	TRC06.04BR.PA02	●	BF2 1240
50	30	2	1 Dual	PA03	MDF	2	TRC06.04BR.PA03	●	BF2 1240
50	30	2	1 Dual	PA04	MDF	2	TRC06.04BR.PA04	●	BF2 1240
35	25	2	1 Dual	PA01	MDF	2	TRC06.04CR.PA01	●	BF2 901
35	25	2	1 Dual	PA02	MDF	2	TRC06.04CR.PA02	●	BF2 901
35	25	2	1 Dual	PA03	MDF	2	TRC06.04CR.PA03	●	BF2 901
35	25	2	1 Dual	PA04	MDF	2	TRC06.04CR.PA04	●	BF2 901
35	25	2	1 Dual	PA05	MDF	2	TRC06.04CR.PA05	●	BF2 901
20	20	2	1 Dual	PA04	MDF	2	TRC06.04DR.PA04	●	BF2 770
20	20	2	1 Dual	PA01+PA05	MDF	2	TRC06.04DR.PA05	●	BF2 770

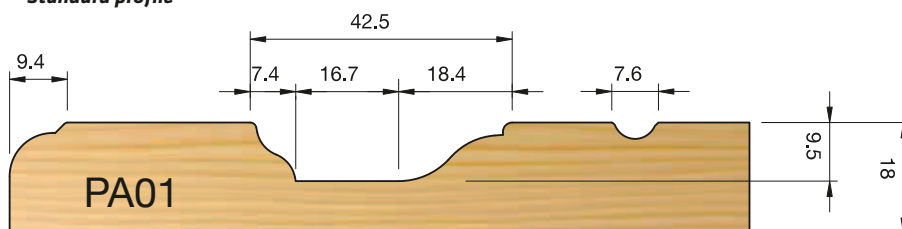
Quantità minime d'ordine | Minimum order quantities

Profili legno lavorati Wooden profiles

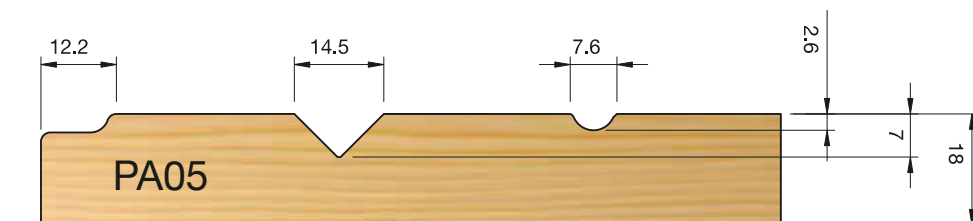
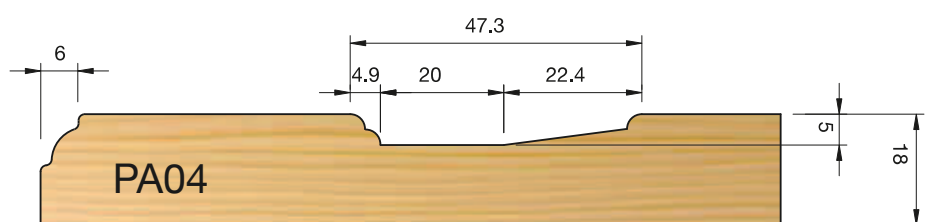
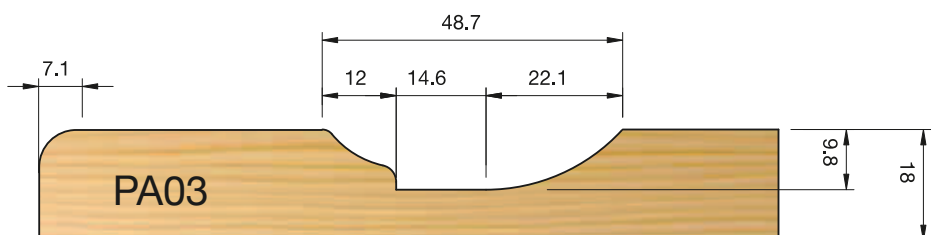
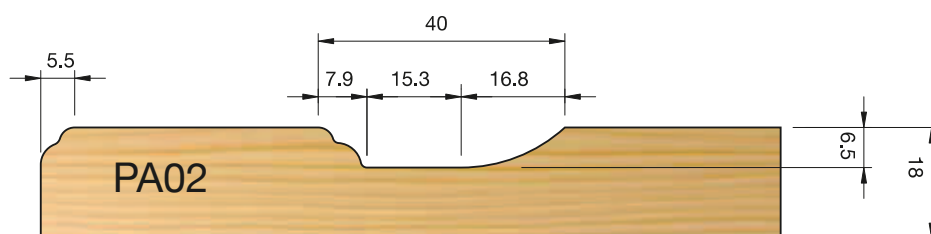
TCC04/1

MEC | HW

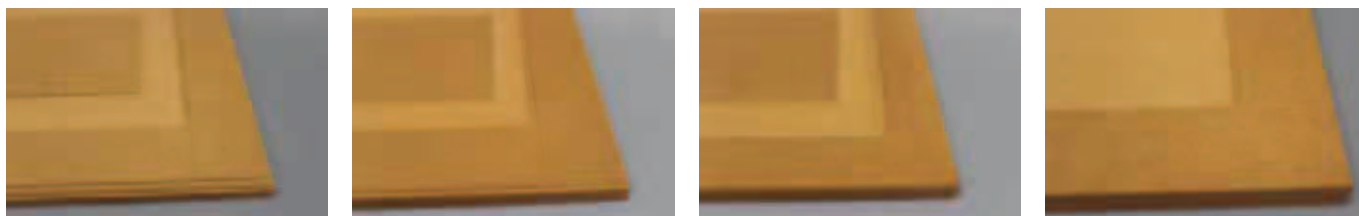
Profilo standard
Standard profile



Profili alternativi
Optional profiles



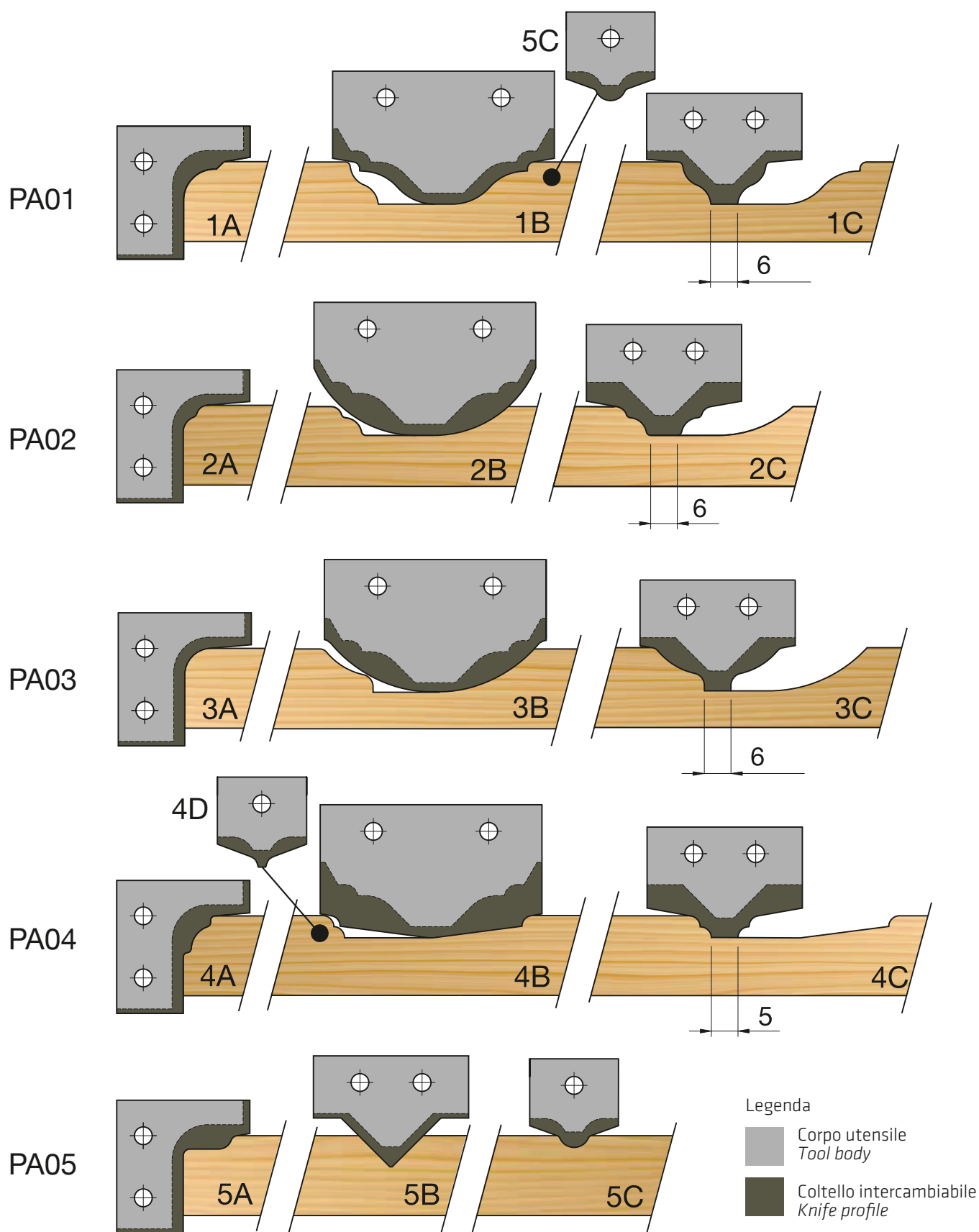
Esempi di lavorazione | Working example



TCC04/1

MEC | HW

Profili coltelli Knives profiles



Set punte per lavorazione antine in mdf - 1 profilo R1,5

HW knife routers set for cabinet door on mdf - 1 profile R1,5

TCC04/2

MEC | HW

Set di punte composto da 4 pezzi con corpo in acciaio ad alta resistenza e coltelli in metallo duro HW di elevata qualità. Il set viene fornito con 1 profilo di antine ad angolo R=1,5. Applicazione: composizione ideale per eseguire la lavorazione di uno dei profili più popolari su antine in MDF per cucina e bagno. Adatto per pantografi CNC.

High resistance steel body routers set composed of 4-piece with high quality HW hard metal knives. The set comes with 1 profile of cabinet with R=1,5. Application: ideal composition for performing of one of the most popular profiles on MDF cabinet and bathroom finishes. Suitable for CNC pantographs.

MEC - Z=2 / Z=1 (bitagliente | double cut) - HW

Set completo 4 punte e 1 profilo | Complete set of 4 router bits and 1 profile

Composizione set / Set composition	Tipo / Type	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
Set completo a 1 profilo / Complete set of 1 profile	PROF. R1,5	TCC04.02KR.PR15	●	AC 2707

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

MEC - Z=2 / Z=1 (bitagliente | double cut) - HW

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Tipo / Type	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
62	30	30	95	20x50	2	A	TCC04.02AR.PR15	●	AC 874
35	20	20	85	20x50	1 Dual	B	TCC04.02BR.PR15	●	AC 694
50	20	20	85	20x50	1 Dual	C	TCC04.02CR.PR15	●	AC 788
20	25	25	90	20x50	1 Dual	D	TCC04.02DR.PR15	●	AC 543

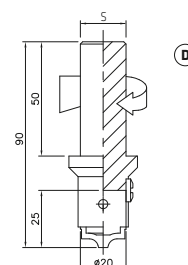
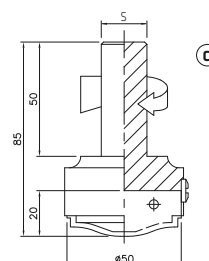
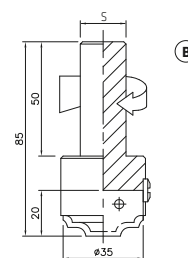
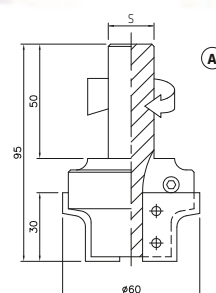
Punta singola con 1 profilo montato | Single router bit with 1 profile type

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Tipo forma / Shape type	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
30	25	2	1	PA01	MDF	4	TRC06.04AR.PA01	●	BF2 705
30	25	2	1	PA02	MDF	4	TRC06.04AR.PA02	●	BF2 705
30	25	2	1	PA03	MDF	4	TRC06.04AR.PA03	●	BF2 705
30	25	2	1	PA04	MDF	4	TRC06.04AR.PA04	●	BF2 705
30	25	2	1	PA05	MDF	4	TRC06.04AR.PA05	●	BF2 705
50	30	2	1 Dual	PA01	MDF	2	TRC06.04BR.PA01	●	BF2 1240
50	30	2	1 Dual	PA02	MDF	2	TRC06.04BR.PA02	●	BF2 1240
50	30	2	1 Dual	PA03	MDF	2	TRC06.04BR.PA03	●	BF2 1240
50	30	2	1 Dual	PA04	MDF	2	TRC06.04BR.PA04	●	BF2 1240
35	25	2	1 Dual	PA01	MDF	2	TRC06.04CR.PA01	●	BF2 901
35	25	2	1 Dual	PA02	MDF	2	TRC06.04CR.PA02	●	BF2 901
35	25	2	1 Dual	PA03	MDF	2	TRC06.04CR.PA03	●	BF2 901
35	25	2	1 Dual	PA04	MDF	2	TRC06.04CR.PA04	●	BF2 901
35	25	2	1 Dual	PA05	MDF	2	TRC06.04CR.PA05	●	BF2 901
20	20	2	1 Dual	PA04	MDF	2	TRC06.04DR.PA04	●	BF2 770
20	20	2	1 Dual	PA01+PA05	MDF	2	TRC06.04DR.PA05	●	BF2 770

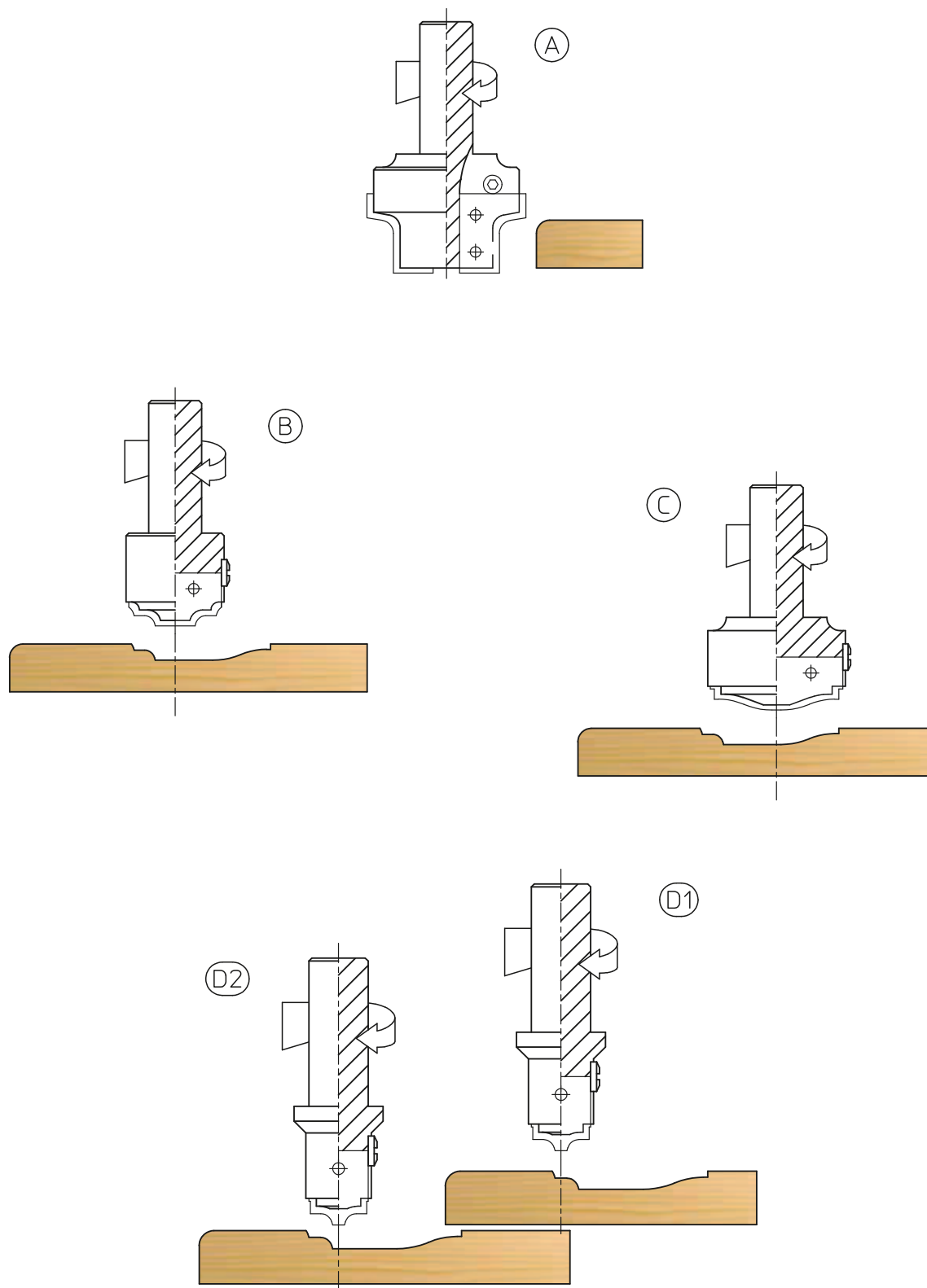
Quantità minime d'ordine | Minimum order quantities



TCC04/2

MEC | HW

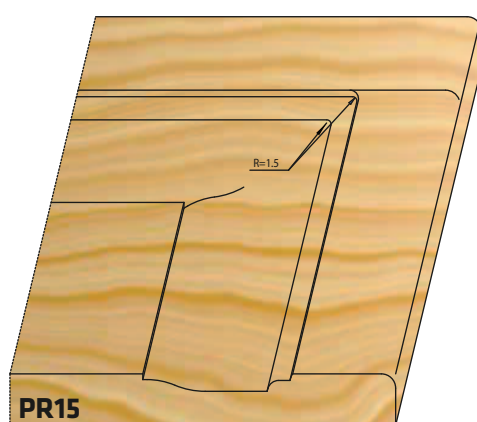
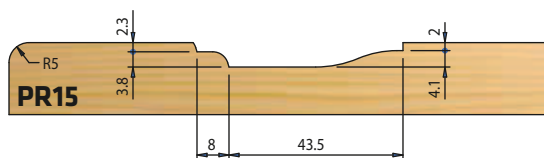
Profilo legno lavorato
Wooden profile



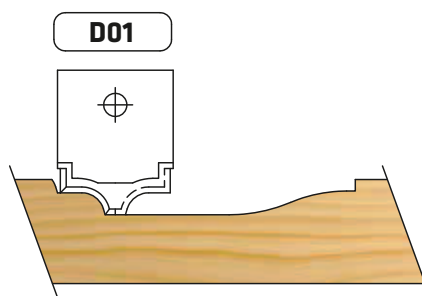
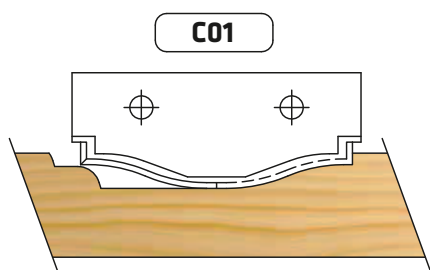
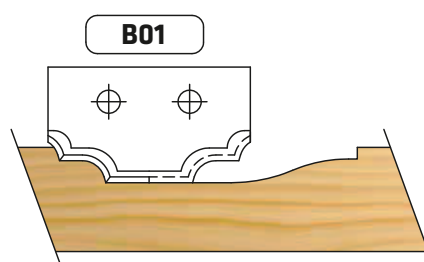
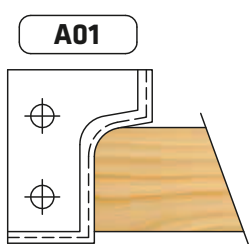
Sezione profilo lavorato Wooden panel profile

TCC04/2

MEC | HW



Profili coltelli | Knives profiles



TCC05/1

MEC | HW | Z=2+2



Punta per contornare e spianare - 4 divisioni - grandi asportazioni HW knife router for sizing and planing - 4 divisions - big removal

Corpo in acciaio ad alta resistenza con coltelli in HW multipli 12x12x1,5 e 4 divisioni. Ideale per la realizzare grandi asportazioni e per eseguire lavorazioni di contornatura e spianatura della superficie. La punta monta 20 coltelli di durezza ideale per lavorare su legno massiccio, truciolare e multistrato, ma possono essere forniti su richiesta coltelli con maggior durezza per MDF e laminati. Adatto per pantografi e su centri di lavoro CNC.

High resistance steel body with knives in HW 12x12x1,5 with 4 divisions. Ideal for making big removal for sizing and planing operations. The router mounts 20 knives with ideal hardness to work on solid wood, chipboard and multilayer, but can be supplied on request with harder knives for MDF or laminate. Adatto per pantografi e su centri di lavoro CNC.

MEC - Z=20 (2+2) - HW

Ø D (mm)	LC (mm)	H max (mm)	LT (mm)	S (mm)	Z	H (mm)	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
40	50	50	110	20x50	2+2	45	TCC05.01AR.0001	●	AC 997
40	98	98	155	20x50	2+2	90	TCC05.01AR.0002	●	AC 1112

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

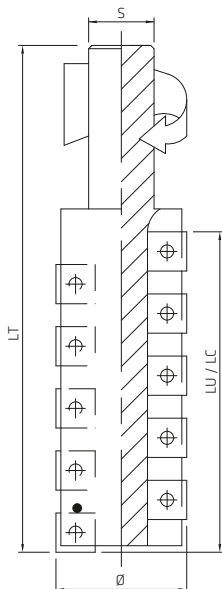
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

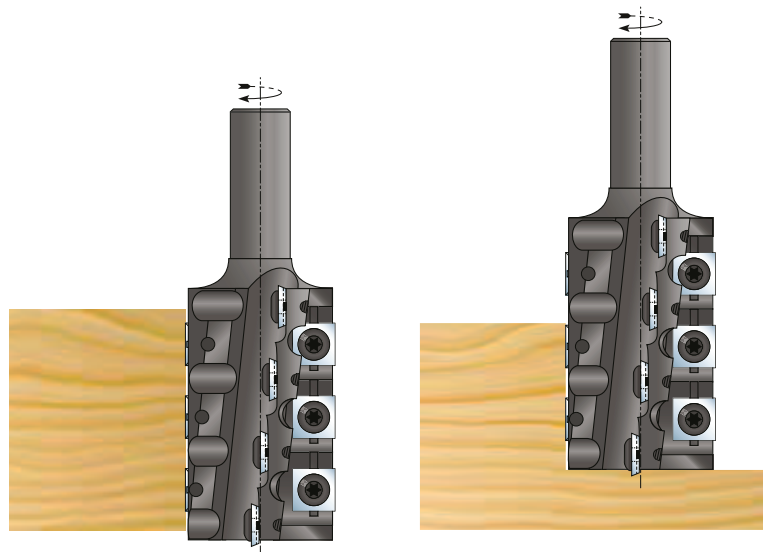
B (mm)	W (mm)	Sp (mm)	Z	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
12	12	1,5	4	Wood	10	TRF01.1215.A012	●	BFO 46

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

Quantità minime d'ordine | Minimum order quantities



Esempi di lavorazioni | Working examples



Punta per contornare e spianare - buona finitura - grandi asportazioni

HW knife router for sizing and planing - good finishing - big removal

TCC05/2

MEC | HW | Z=2+2

Corpo in acciaio ad alta resistenza con coltelli in HW multipli 14x14x2 (articolo con H 98 mm fornito con corpo in alluminio). Ideale per la realizzare grandi asportazioni con una buona finitura superficiale e per eseguire lavorazioni di contornitura e spianatura della superficie. La punta monta 20 coltelli di durezza ideale per lavorare su legno massiccio, truciolare e multistrato, ma possono essere forniti su richiesta coltelli con maggior durezza per MDF e laminati. Adatto per pantografi e su centri di lavoro CNC.

High resistance steel body with inserts in HW 14x14x2 (article with H 98 mm supplied with aluminium body). Ideal for making big removal with good surface finishing for sizing and planing operations. The router mounts 20 knives with ideal hardness to work on solid wood, chipboard and multilayer, but can be supplied on request with harder knives for MDF or laminate. Suitable for CNC machines. Spare knives available with NaDia coating DLC.



MEC - Z=20 (2+2) - HW

Ø D (mm)	LC (mm)	H max (mm)	LT (mm)	S (mm)	Z	H (mm)	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
50	65	65	120	20x50	2+2	60	TCC05.02AR.0001	●	AC 1302
62	65	65	120	20x50	2+2	60	TCC05.02AR.0002	●	AC 1302
60*	98	98	155	20x50	2+2	90	TCC05.02AR.0003	●	AC 2360

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

* Corpo in alluminio | Aluminium body

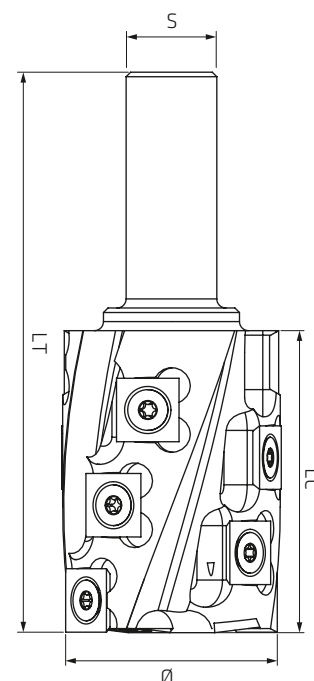
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

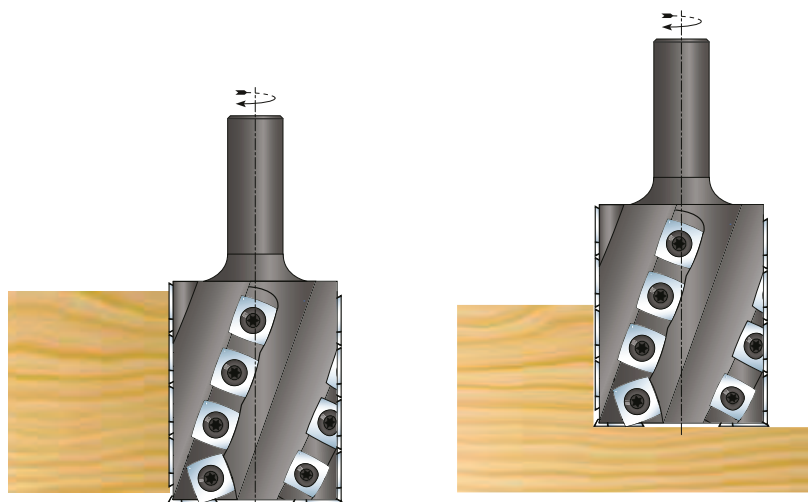
B (mm)	W (mm)	Sp (mm)	Z	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
14	14	2	4	Wood	10	TRF02.1420.G014	●	BF3 53

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

Quantità minime d'ordine | Minimum order quantities



Esempi di lavorazioni | Working examples



TCC05/3

MEC | HW | Z=6



Punta spirale multitaglienti per contornare - grandi asportazioni

HW spiral router bit for planing - big removal

Ottenute da acciaio di elevata resistenza meccanica con taglienti HW disposti a spirale. Attacco rettificato. Indicate per contornare legno e suoi derivati. Adatte per grosse asportazioni.

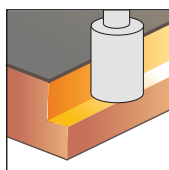
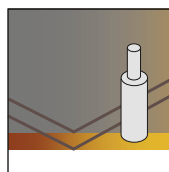
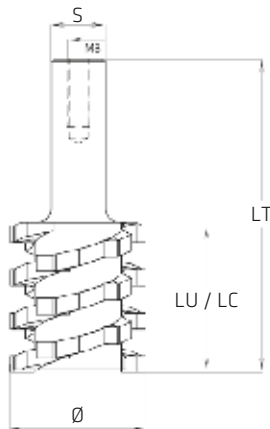
Obtained from steel with a high mechanical resistance. Teeth with spiral execution. Ground shank. Indicated to cut on edge solid wood and such. Studied for big removals.

MEC - Z=6 - HW

Ø D (mm)	LC (mm)	H max (mm)	LT (mm)	S (mm)	Z	H (mm)	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
30	30	30	95	20x50	6	30	TCC05.03AR.0001	●	AC 930
30	40	40	105	20x50	6	40	TCC05.03AR.0002	●	AC 904
30	50	50	115	20x50	6	50	TCC05.03AR.0003	●	AC 1147
30	60	60	125	20x50	6	60	TCC05.03AR.0004	●	AC 1179
40	30	30	90	20x50	6	30	TCC05.03BR.0001	●	AC 950
40	40	40	100	20x50	6	40	TCC05.03BR.0002	●	AC 1043
40	50	50	110	20x50	6	50	TCC05.03BR.0003	●	AC 1179
40	60	60	120	20x50	6	60	TCC05.03BR.0004	●	AC 1243
50	30	30	90	20x50	6	30	TCC05.03CR.0001	●	AC 1018
50	40	40	100	20x50	6	40	TCC05.03CR.0002	●	AC 1092
50	50	50	110	20x50	6	50	TCC05.03CR.0003	●	AC 1236
50	60	60	120	20x50	6	60	TCC05.03CR.0004	●	AC 1313

• misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

• Per disponibilità vedi pag. 3 | For availability see page 3



Punta per spianare - Z3 / Z4 / Z5

HW knife router for planing - Z3 / Z4 / Z5

Ottenute da acciaio di elevata resistenza meccanica con taglienti in HW. Attacco rettificato. Particolarmente indicate per spianare larghe superfici di MDF o produrre profondi scalini in una singola passata su ogni tipo di legno. Adatte per lavorare su pantografi e su centri di lavoro CNC.

Obtained from steel with a high mechanical resistance with HW teeth. Ground shank. Used for surfacing MDF, balsa and particle board and making deep rabbet. Suitable for processing every kind of wood. To be used on machining centres and CNC routers.

TCC05/4

MEC | HW



MEC - Z=3 - HW

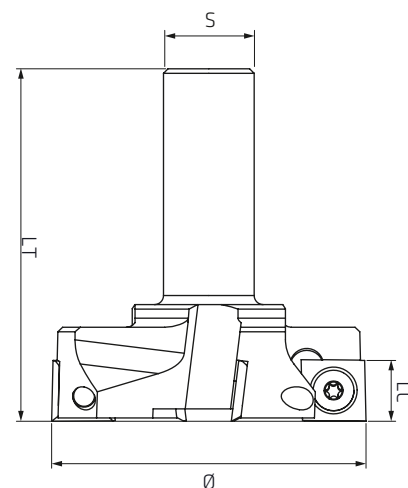
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
50	13,5	80	20x50	3	TCC05.04AR.0001	●	AC 848
70	13,5	80	20x50	4	TCC05.04AR.0002	●	AC 920
100	13,5	83	20x50	5	TCC05.04AR.0003	●	AC 1070

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request
 ● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	S (mm)	Z	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
14	14	2	4	Wood	10	TRF02.1420.G014	●	BF3 53

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC
 Quantità minime d'ordine | Minimum order quantities



Esempi di lavorazioni | Working examples



TCC05/5

MEC | HW | Z=2 V=2



Punta per spianare - Z2 + V2

HW knife router for planing - Z2 + V2

Ottenute da acciaio di elevata resistenza meccanica con taglienti in HW. Attacco rettificato. Particolarmente indicate per spianare larghe superfici di MDF o produrre profondi scalini in una singola passata su ogni tipo di legno. Adatte per lavorare su pantografi e su centri di lavoro CNC.

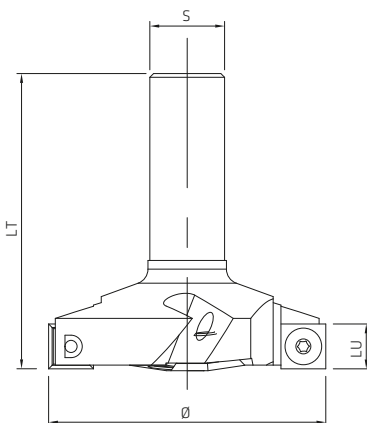
Obtained from steel with a high mechanical resistance with HW teeth. Ground shank. Used for surfacing MDF, balsa and particle board and making deep rabbet. Suitable for processing every kind of wood. To be used on machining centres and CNC routers.

MEC - Z=2+2 - HW

Ø D (mm)	LC (mm)	H max (mm)	LT (mm)	S (mm)	Z	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
80	12	12	80	20x50	2+2	TCC05.05AR.0001	●	AC 1073

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



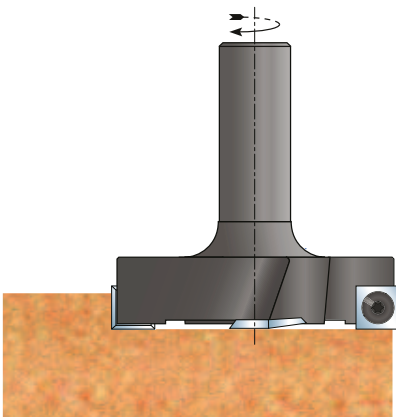
Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
12	12	1,5	4	Wood	10	TRF01.1215.A012	●	BFO 46

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

Quantità minime d'ordine | Minimum order quantities

Esempi di lavorazioni | Working examples



Punta per forare e contornare

HW knife router for sizing and plunging

Ottenute da acciaio di elevata resistenza meccanica con 2 coltelli a fissaggio meccanico: 1 per forare e 1 per contornare. Attacco rettificato. Da montare su pantografi a CNC o tradizionali. Indicate per fresature interne e contornature su legno, suoi derivati, laminati e simili.

Obtained from steel with a high mechanical resistance with 2 knives in HW: 1 knife for plunge cutting and 1 knife for cutting on edge. Ground shank. Use on CNC or standard router machine. Indicated for boring and cutting solid wood, wood composites, laminated and similar.

MEC - Z=1+1 - HW

Ø D (mm)	LC (mm)	H max (mm)	LT (mm)	S (mm)	Z	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
16	30	30	100	20x50	1+1	TCC05.06AR.0001	●	AC 515
16	50	50	115	20x50	1+1	TCC05.06AR.0002	●	AC 552
18	30	30	100	20x50	1+1	TCC05.06AR.0003	●	AC 515
18	50	50	115	20x50	1+1	TCC05.06AR.0004	●	AC 552
20	30	30	100	20x50	1+1	TCC05.06AR.0005	●	AC 515
20	50	50	115	20x50	1+1	TCC05.06AR.0006	●	AC 552

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
30	12	1,5	2	Wood	10	TRF01.1215.A030	●	BF0 70
50	12	1,5	2	Wood	10	TRF01.1215.A050	●	BF0 99
8	10	1,5	1	Wood	4	TRC06.1015.A008	●	BF2 399
9	10	1,5	1	Wood	4	TRC06.1015.A009	●	BF2 399
10	10	1,5	1	Wood	4	TRC06.1015.A010	●	BF2 457

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

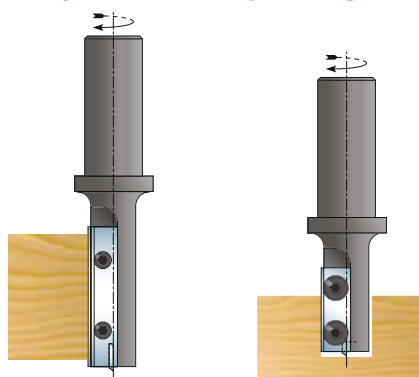
Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Sp (mm)	Punta / Bit	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Tassello / wedge	28	9,5	2,6	Ø.16	2	TRC07.9526.A028	●	B 426
Tassello / wedge	48	9,5	2,6	Ø.16	2	TRC07.9526.A048	●	B 583
Tassello / wedge	28	9,5	3,5	Ø.18-20	2	TRC07.9535.A028	●	B 511
Tassello / wedge	48	9,5	3,5	Ø.18-20	2	TRC07.9535.A048	●	B 532
Vite / wedge	M4	10	7	Ø.16	10	TRC08.M4TX.1007	●	B 138
Vite / wedge	M4	12	7	Ø.18-20	10	TRC08.M4TX.1207	●	B 138
Vite / wedge	M4	4	7		4	TRC08.M4TX.0407	●	B 159

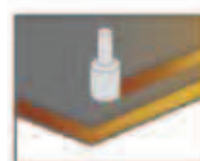
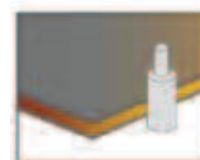
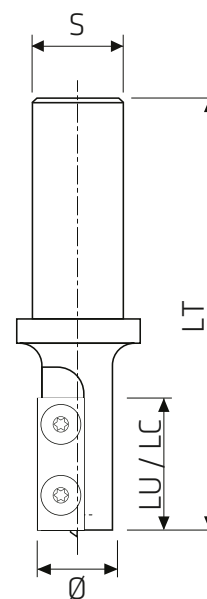
Quantità minime d'ordine | Minimum order quantities

Esempi di lavorazioni | Working examples



TCC05/6

MEC | HW | Z=1+1



TCC05/7

MEC | HW | Z=1+1 Z=1+1+1

Punta per forare e contornare HW knife router for sizing and plunging

Ottenute da acciaio di elevata resistenza meccanica con coltelli a fissaggio meccanico: 1 per forare e 1 o 2 coltelli per contornare. Attacco rettificato. Da montare su pantografi a CNC o tradizionali. Indicate per fresature interne e contornature su legno, suoi derivati, laminati e simili.

Obtained from steel with a high mechanical resistance with knives in HW: 1 knife for plunge cutting and 1 or 2 knives for cutting on edge. Ground shank. Use on CNC or standard router machine. Indicated for boring and cutting solid wood, wood composites, laminated and similar.

MEC - LC=30 Z=1+1 / LC=50 Z=1+1+1 - HW

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
16	30	30	95	20x50	1+1	TCC05.07AR.0001	●	AC 666
16	50	50	115	20x50	1+1+1	TCC05.07AR.0002	●	AC 749
18	30	30	95	20x50	1+1	TCC05.07AR.0003	●	AC 683
18	50	50	115	20x50	1+1+1	TCC05.07AR.0004	●	AC 765
20	30	30	95	20x50	1+1	TCC05.07AR.0005	●	AC 700
20	50	50	115	20x50	1+1+1	TCC05.07AR.0006	●	AC 786

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
30	12	1,5	2	Wood	10	TRF01.1215.A030	●	BFO 70
29,5	12	1,5	4	Wood	10	TRF01.1215.4030	●	BFO 102
7,5	12	1,5	2	Wood	4	TRF01.1215.A008	●	BFO 40

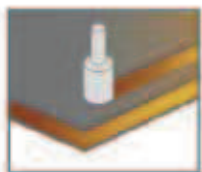
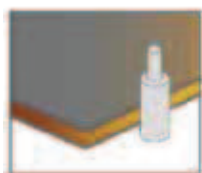
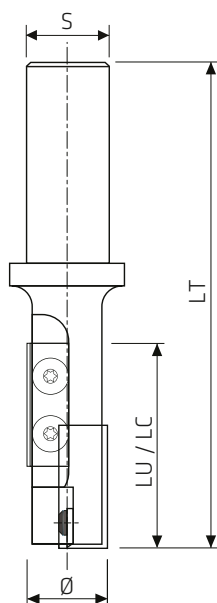
Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

Quantità minime d'ordine | Minimum order quantities

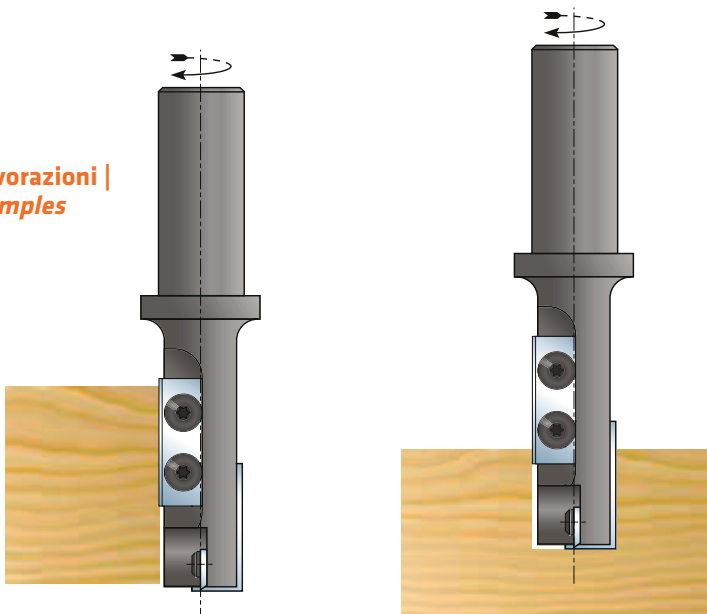
Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Sp (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Vite / screw	M4	4	9	10	TRC08.M4TX.0409	●	B 206
Vite / screw	M4	4	7	2	TRC08.M4TX.0407	●	B 159

Quantità minime d'ordine | Minimum order quantities



Esempi di lavorazioni | Working examples



Punta per forare e contornare

HW knife router for sizing and plunging

Ottenute da acciaio di elevata resistenza meccanica con taglienti in HW. Attacco rettificato. Dotata di 2 coltelli in HW reversibili più 1 coltello incisore in HW, adatta per fresare contornare e forare ad immersione trasversale su ogni tipo di legno. Disponibile con altezza di taglio standard di 49 mm. Adatte per lavorare su pantografi e su centri di lavoro CNC.

Obtained from steel with a high mechanical resistance with knives in HW: 1 spur knife for plunge cutting and 2 knives for cutting on edge. Ground shank. Use on CNC or standard router machine. Indicated for finishing and grooving working on solid wood, wood composites, laminated and similar.

MEC - Z=2+1 - HW

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z	Codice DX. / Code RH	Disp. / Avail.	Cod. listino / Price code
20	49	49	116	20x50	2+1	TCC05.08AR.0001	●	AC 728
20	49	49	125	25x55	2+1	TCC05.08BR.0001	●	AC 955

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Coltelli/inserti ricambio | Spare knives/inserts

B (mm)	W (mm)	Sp (mm)	Z	Material	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
49,5	12	1,5	4	Wood	10	TRF01.1215.4050	●	BF0 132
5,5	6,8	1,1	1	Wood	4	TRF01.0711.A005	●	BF2 153

Ricambi disponibili su richiesta con rivestimento NaDia - DLC | Spare inserts available on request with NaDia coating DLC

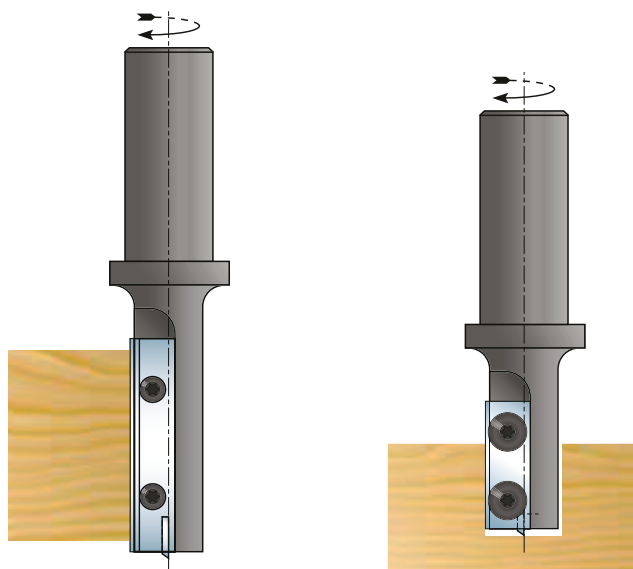
Quantità minime d'ordine | Minimum order quantities

Parti ricambio | Spare parts

Tipo / Type	B (mm)	W (mm)	Sp (mm)	Q.tà min. / Min. Q.ty	Codice SX. / Code LH	Disp. / Avail.	Cod. listino / Price code
Tassello / wedge	47	9,5	2,7	4	TRC07.9527.A048	●	B 945
Vite / screw	M4	7,5	6	10	TRC08.M4TX.7506	●	B 130
Vite / screw	M4	4	5	2	TRC08.M4TX.0405	●	B 87

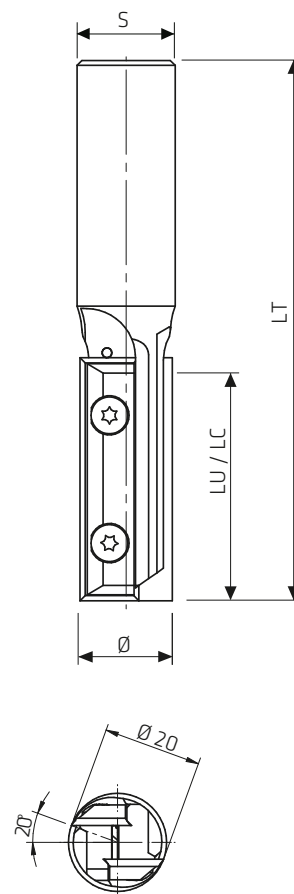
Quantità minime d'ordine | Minimum order quantities

Esempi di lavorazioni | Working examples



TCC05/8

MEC | HW | Z=2+1





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Fax. +34.976.656493
simatec@simatec.biz
www.simatec.biz



GLOBALTOOLS

— *Endless possibilities*

PCD Tools line

Linea Utensili in Diamante



TWT
HIGH TECH TOOLS

The image displays a variety of diamond-coated cutting tools. In the background, two large circular saw blades are visible, each featuring the 'TMT' logo and a central mounting hole. In the foreground, several drill bits of different sizes are arranged, also bearing the 'TMT' logo. The tools are set against a dark, textured background.

PCD Tools

Utensili in diamante

TAGLIO-SEZIONATURA PCD | PCD SAWING-SIZING

Lame circolari universali H6 <i>Universal circular sawblades H6</i>	TLD01/H6	6
Lame circolari universali H4 <i>Universal circular sawblades H4</i>	TLD01/H4	7
Lame incisore H6 <i>Scoring sawblades H6</i>	TLD02/H6	8
Lame sezionatrici H6 <i>Sizing sawblades H6</i>	TLD03/H6	9
Lame per incastri H4 <i>Grooving cutters H4</i>	TLD04/H4	10

FRESATURA | MILLING

Fresa a finire fissa per bordatrice <i>Fixed edge banding cutter</i>	TCF01/1	11
Fresa a finire con inserti in diamante PCD <i>Finishing edge banding cutter with PCD diamond insert</i>	TCF02/1	13

FORATURA-PANTOGRAFATURA | DRILLING-ROUTING

Punte per foratrice per fori ciechi <i>Drills for boring machines for blind holes</i>	TPD01/1	15
Punte per foratrice per fori passanti <i>Drills for boring machines for through holes</i>	TPD01/2	16
Fresa a forare e contornare ad elica <i>Spirals router bits</i>	TPD02/1 · TPD02/2	17
	TPD02/3	19
Fresa ad elica multitaglienti - Tipo Standard <i>Multi-cutting router bits - Standard type</i>	TPD02/4	20
Fresa ad elica multitaglienti - Tipo Plus <i>Multi-cutting router bits - Plus type</i>	TPD02/5	21
Fresa ad elica multitaglienti - Tipo Top Master <i>Multi-cutting router bits - Top Master type</i>	TPD02/6	22
Fresa PCD per pantografo ad elica multitaglienti per avanzamento rapido - 40° <i>PCD multi-cutting special router bits for quick feed rates - 40°</i>	TPD02/7	23
CPunte per canali <i>Router bits for channels</i>	TPD02/8	24

FRESE PER NESTING | ROUTER BITS FOR NESTING

Frese multitaglienti per Nesting - Densimet <i>Cutting router bits for Nesting - Densimet</i>	TPD03/1	26
Frese multitaglienti per Nesting - Densimet - Serie Plus <i>Cutting router bits for Nesting - Densimet - Plus series</i>	TPD03/2	27
Frese multitaglienti per Nesting - Densimet - Serie Titanium <i>PCD cutting router bits for Nesting - Densimet - Titanium series</i>	TPD03/3	28
 GHIERA aspirante  Double blast turbine	TAH05/1	29
 GHIERA aspirante  Double blast turbine	TAH05/2	30

LAVORAZIONI SPECIALI | SPECIAL WORKS

Punte per foratrice per cerniere <i>Hinge boring bits</i>	TPD04/1	31
Fresa PCD per folding e scanalature a V <i>PCD router bits for folding and V-grooves</i>	TPD04/2 · TPD04/3	32
Punta PCD sagomata per guide in alluminio <i>PCD router bits for aluminium T-slot</i>	TPD04/4	33

Legenda Disponibilità/Availability:

- - Articolo disponibile con spedizione da Twt in 5 gg. lavorativi.
- - Article available ex stock with delivery from Twt in 5 working days.
- - Articolo non in stock con spedizione da Twt in 15 gg lavorativi.
- - Article available in short notice and delivery from Twt in 15 working days.
- - Articolo non in stock con spedizione da Twt in 20 gg lavorativi.
- - Article available in medium notice and delivery from Twt in 20 working days.



Legenda dei simboli e delle abbreviazioni

Explanation of symbols and abbreviations

Dentatura

Tooth shape

D	Diametro <i>Diametre</i>	PH	Fori di trascinamento <i>Pinholes</i>
B	Spessore di taglio <i>Cutting thickness</i>	Z	Numero di denti <i>Number of teeth</i>
		α	Angolo di taglio <i>Cutting angle</i>
b	Spessore corpo lama <i>Saw blade body thickness</i>	H	Altezza PCD dente <i>PCD tooth height</i>
d	Foro centrale <i>Central Bore</i>		

ATB	Dente alterno <i>Alternate top bevel toothing</i>
CON	Dente conico <i>Conical toothing</i>
FWF (DRY CUT)	Dente piatto con smusso alternato <i>Flat tooth with alternate chamfer</i>
HDF	Dente alterno concavo <i>Hollow/inverted V and flat toothing</i>
TCG	Dente alterno piatto trapezoidale <i>Triple chip-flat toothing</i>
WWF (DRY CUT)	Dente alternato-alternato-piatto <i>Alternate-alternate-flat toothing</i>
WZ (DRY CUT)	Dente alterno <i>Alternate top bevel toothing</i>



Lama con intagli
riempiti con materiale
fonoassorbente
*Sawblade with low noise
slots filled with sound-
absorbing resin*

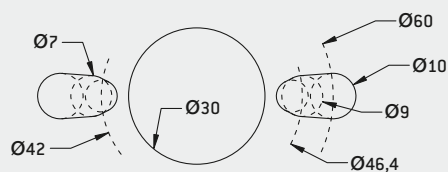


Lama con intagli non
riempiti con materiale
fonoassorbente
*Sawblade with low noise
slots not filled with resin*

DISEGNI DI RIFERIMENTO PER FORATURE REFERENCE DRAWINGS FOR STANDARD PIN HOLES

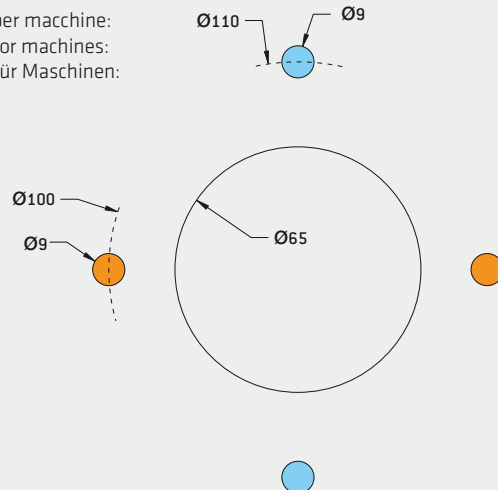
- * PH01 per macchina:
- * PH01 for machines:
- * PH01 für Maschinen:

PANHANS
SCM
SCHEER
SCHELLING
CASADEI



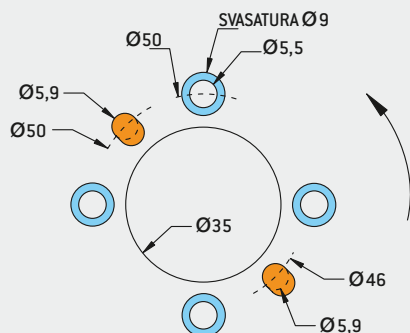
- * PH04 per macchina:
- * PH04 for machines:
- * PH04 für Maschinen:

SELCO



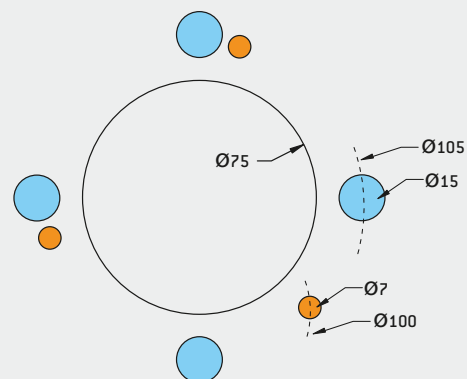
- * PH02 per macchina:
- * PH02 for machines:
- * PH02 für Maschinen:

BIESSE



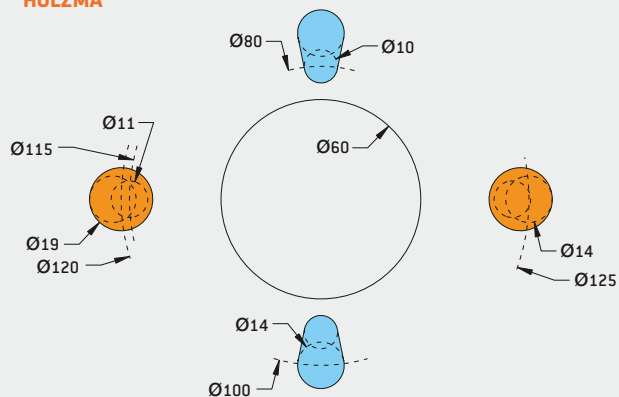
- * PH05 per macchina:
- * PH05 for machines:
- * PH05 für Maschinen:

GIBEN
EUROMAC



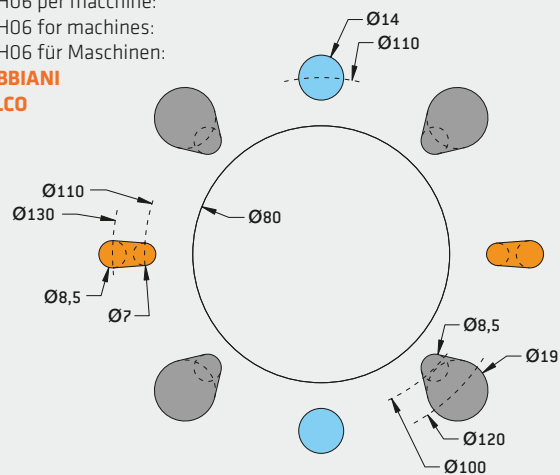
- * PH03 per macchina:
- * PH03 for machines:
- * PH03 für Maschinen:

HOLZMA



- * PH06 per macchina:
- * PH06 for machines:
- * PH06 für Maschinen:

GABBIANI
SELCO



TLD01/H6

PCD | H6

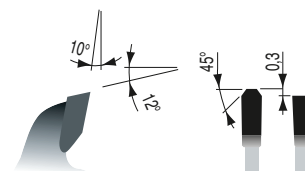


Lama circolare universale - PCD H6

PCD H6 Universal circular sawblade

Costruite con corpo in acciaio speciale. Taglienti saldobrasati in DP. Indicate per il taglio di compensati, multistrati, pannelli truciolari grezzi o rivestiti di melamina HPL, MDF, PVC.

Body in hardened and tempered steel. PCD brazed cutting edges. Recommended for cutting HPL, MDF, PVC and plywood panels or chipboard panels rough or melamine coated.



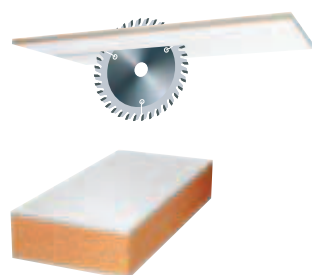
Dente | Tooth: H6 - TCG

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice / Code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	48	12°	TCG	TLD01.250A.6001	●	AD 2293
250	3,2	2,2	30	PH01	60	12°	TCG	TLD01.250A.6002	●	AD 2866
250	3,2	2,2	30	PH01	80	12°	TCG	TLD01.250A.6003	●	AD 3821
300	3,2	2,2	30	PH01	48	12°	TCG	TLD01.300A.6001	●	AD 2293
300	3,2	2,2	30	PH01	60	12°	TCG	TLD01.300A.6002	●	AD 2866
300	3,2	2,2	30	PH01	72	12°	TCG	TLD01.300A.6003	●	AD 3439
300	3,2	2,2	30	PH01	96	12°	TCG	TLD01.300A.6004	●	AD 4585
350	3,5	2,5	30	PH01	54	12°	TCG	TLD01.350A.6001	●	AD 2580
350	3,5	2,5	30	PH01	72	12°	TCG	TLD01.350A.6002	●	AD 3439
350	3,5	2,5	30	PH01	84	12°	TCG	TLD01.350A.6003	●	AD 4011
350	3,5	2,5	30	PH01	96	12°	TCG	TLD01.350A.6004	●	AD 4585

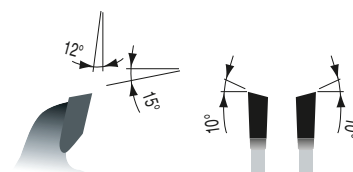
Altre misure disponibili su richiesta | Other dimensions available on request

H6 = circa 8-10 affilature | H6 = approx 8-10 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Silenziate / Low noise



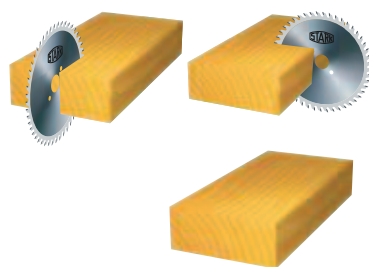
Dente | Tooth: H6 - ATB

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice / Code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	48	12°	ATB	TLD01.250A.6004	●	AD 2293
250	3,2	2,2	30	PH01	60	12°	ATB	TLD01.250A.6005	●	AD 2866
250	3,2	2,2	30	PH01	80	12°	ATB	TLD01.250A.6006	●	AD 3821
300	3,2	2,2	30	PH01	48	12°	ATB	TLD01.300A.6005	●	AD 2293
300	3,2	2,2	30	PH01	60	12°	ATB	TLD01.300A.6006	●	AD 2866
300	3,2	2,2	30	PH01	72	12°	ATB	TLD01.300A.6007	●	AD 3439
300	3,2	2,2	30	PH01	96	12°	ATB	TLD01.300A.6008	●	AD 4585
350	3,5	2,5	30	PH01	54	12°	ATB	TLD01.350A.6005	●	AD 2580
350	3,5	2,5	30	PH01	72	12°	ATB	TLD01.350A.6006	●	AD 3439
350	3,5	2,5	30	PH01	84	12°	ATB	TLD01.350A.6007	●	AD 4011
350	3,5	2,5	30	PH01	96	12°	ATB	TLD01.350A.6008	●	AD 4585

Altre misure disponibili su richiesta | Other dimensions available on request

H6 = circa 8-10 affilature | H6 = approx 8-10 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Silenziate / Low noise

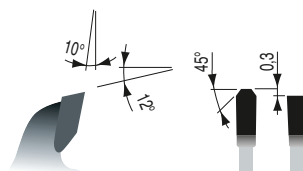


Lama circolare universale - PCD H4

PCD H4 Universal circular sawblade

Costruite con corpo in acciaio speciale. Taglienti saldobrasati in DP. Indicate per il taglio di compensati, multistrati, pannelli truciolari grezzi o rivestiti di melamina HPL, MDF, PVC.

Body in hardened and tempered steel. PCD brazed cutting edges. Recommended for cutting HPL, MDF, PVC and plywood panels or chipboard panels rough or melamine coated.



TLD01/H4

PCD | H4

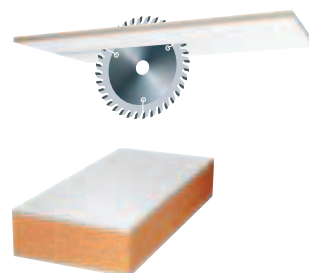
Dente | Tooth: H4 - TCG

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice / Code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	48	12°	TCG	TLD01.250A.4001	●	AD 1911
250	3,2	2,2	30	PH01	60	12°	TCG	TLD01.250A.4002	●	AD 2388
250	3,2	2,2	30	PH01	80	12°	TCG	TLD01.250A.4003	●	AD 3184
300	3,2	2,2	30	PH01	48	12°	TCG	TLD01.300A.4001	●	AD 1911
300	3,2	2,2	30	PH01	60	12°	TCG	TLD01.300A.4002	●	AD 2388
300	3,2	2,2	30	PH01	72	12°	TCG	TLD01.300A.4003	●	AD 2866
300	3,2	2,2	30	PH01	96	12°	TCG	TLD01.300A.4004	●	AD 3821
350	3,5	2,5	30	PH01	54	12°	TCG	TLD01.350A.4001	●	AD 2149
350	3,5	2,5	30	PH01	72	12°	TCG	TLD01.350A.4002	●	AD 2866
350	3,5	2,5	30	PH01	84	12°	TCG	TLD01.350A.4003	●	AD 3344
350	3,5	2,5	30	PH01	96	12°	TCG	TLD01.350A.4004	●	AD 3821

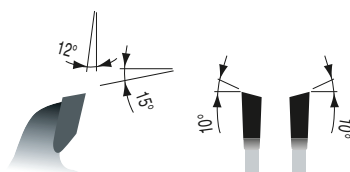
Altre misure disponibili su richiesta | Other dimensions available on request

H4 = circa 4-6 affilature | H4 = approx 4-6 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Silenziante /
Low noise



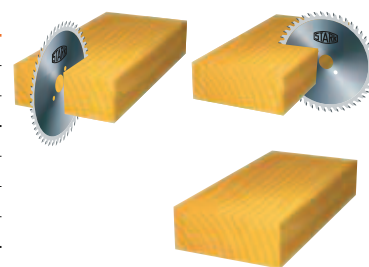
Dente | Tooth: H4 - ATB

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Codice / Code	Disp. / Avail.	Cod. listino / Price code
250	3,2	2,2	30	PH01	48	12°	ATB	TLD01.250A.4004	●	AD 1911
250	3,2	2,2	30	PH01	60	12°	ATB	TLD01.250A.4005	●	AD 2388
250	3,2	2,2	30	PH01	80	12°	ATB	TLD01.250A.4006	●	AD 3184
300	3,2	2,2	30	PH01	48	12°	ATB	TLD01.300A.4005	●	AD 1911
300	3,2	2,2	30	PH01	60	12°	ATB	TLD01.300A.4006	●	AD 2388
300	3,2	2,2	30	PH01	72	12°	ATB	TLD01.300A.4007	●	AD 2866
300	3,2	2,2	30	PH01	96	12°	ATB	TLD01.300A.4008	●	AD 3821
350	3,5	2,5	30	PH01	54	12°	ATB	TLD01.350A.4005	●	AD 2149
350	3,5	2,5	30	PH01	72	12°	ATB	TLD01.350A.4006	●	AD 2866
350	3,5	2,5	30	PH01	84	12°	ATB	TLD01.350A.4007	●	AD 3344
350	3,5	2,5	30	PH01	96	12°	ATB	TLD01.350A.4008	●	AD 3821

Altre misure disponibili su richiesta | Other dimensions available on request

H4 = circa 4-6 affilature | H4 = approx 4-6 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Silenziante /
Low noise



TLD02/H6

PCD | H6

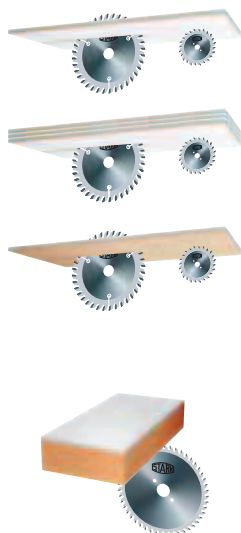
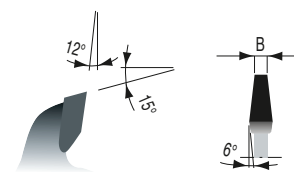


Lama incisore conico - PCD H6

PCD H6 Conical scoring sawblade

Costruite con corpo in acciaio speciale. Taglienti saldobrasati in DP. Assicurano una perfetta finitura sul lato inferiore del pannello. Lavorano a favore d'avanzamento (in concordanza) per una profondità di incisione che generalmente è di circa 1,5-2,0 mm. Indicate per il pretaglio di pannelli truciolari o MDF rivestiti di melamina, laminati o impiallacciati.

Body in hardened and tempered steel. PCD brazed cutting edges. Superfine finish on bottom side of the panel. They work with the feed to execute grooves between 1,5-2,0 mm. Recommended for pre-cutting chipboard or MDF panels melamine coated, laminated or veneered.



Dente | Tooth: H6 - CON

(per dente H4 quotazioni a richiesta / for H4 tooth prices on request)

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Tooth	Macchina / Machine	Codice / Code	Disp. / Avail.	Cod. listino / Price code
120	3,1-4,3	2,2	20		24	10°	CON		TLD02.120E.6001	●	AD 1487
125	3,1-4,3	2,2	20		24	10°	CON	PANHANS	TLD02.125E.6001	●	AD 1487
125	3,4-4,6	2,5	20		24	10°	CON		TLD02.125E.6002	●	AD 1487
125	4,3-5,5	3,2	20		24	10°	CON	PANHANS	TLD02.125E.6003	●	AD 1487
125	4,3-5,5	3,2	45		24	10°	CON	GIBEN	TLD02.125R.6001	●	AD 1487
150	3,4-4,6	2,5	20		30	10°	CON	PANHANS	TLD02.150E.6001	●	AD 1860
160	4,3-5,5	3,2	45	3/11/70	36	10°	CON	GIBEN	TLD02.160R.6001	●	AD 2232
160	4,3-5,5	3,2	55	3/7/66 + 3/9/72	36	10°	CON	SCM	TLD02.160S.6001	●	AD 2232
180	4,3-5,5	3,2	20		36	10°	CON	ANTHON - SCHELLING	TLD02.180E.6001	●	AD 2232
180	4,3-5,5	3,2	30		36	10°	CON	PANHANS - STETON	TLD02.180A.6001	●	AD 2232
180	4,3-5,5	3,2	45		36	10°	CON	HOLZMA	TLD02.180R.6002	●	AD 2232
180	4,8-6,0	3,5	45		36	10°	CON	HOLZMA	TLD02.180R.6001	●	AD 2353
180	4,3-5,5	3,2	50	3/15/80	36	10°	CON	GIBEN	TLD02.180D.6001	●	AD 2232
200	4,3-5,5	3,2	20		36	10°	CON	SCHELLING	TLD02.200E.6001	●	AD 2232
200	4,3-5,5	3,2	30		36	10°	CON	PANHANS	TLD02.200A.6001	●	AD 2232
200	4,3-5,5	3,2	45		36	10°	CON	HOLZMA	TLD02.200R.6001	●	AD 2232
200	4,3-5,5	3,2	65	2/9/100 + 2/9/110	36	10°	CON	SELCO	TLD02.200L.6001	●	AD 2232
200	4,3-5,5	3,2	80	2/14/110	36	10°	CON	SCM	TLD02.200P.6001	●	AD 2232
215	4,3-5,5	3,2	50	3/15/80	42	10°	CON	GIBEN	TLD02.215D.6001	●	AD 2603

Altre misure disponibili su richiesta | Other dimensions available on request

H6 = circa 8-10 affilature | H6 = approx 8-10 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Lama circolare per macchine sezionatrici industriali - PCD H6

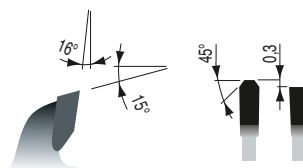
PCD H6 - Panel sizing sawblade for industrial sizing machines

TLD03/H6

PCD | H6

Costruite con corpo in acciaio speciale. Taglienti saldobrasati in DP. Adatte alla sezionatura di pannelli singoli o in pacco. Idonee per il taglio di pannelli di truciolare o MDF grezzi o nobilitati, cartongesso e materie plastiche. Consigliato l'uso in coppia con lama incisore. La forma del dente tipo TCG è indicata per la lavorazione di materiali con molte impurità, consentendo una buona finitura garantendo anche un'elevata durata dell'utensile. Utilizzabili su macchine industriali sezionatrici.

Body in hardened and tempered steel. PCD brazed cutting edges. Recommended for cutting single or in stack panels. Suggested for cutting rough or veneered chipboard and MDF panels, moreover plasterboard and plastic materials. To use in couple with scoring sawblades. The TCG tooth shape are recommended for cutting panels with impurities, good finish and long tool life. Suitable to be used on panel saw machines.



Dente | Tooth: H6 - CON

(per dente H4 quotazioni a richiesta / for H4 tooth prices on request)

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	PH	Z	α	Dente / Macchina / Tooth / Machine	Codice / Code	Disp. / Avail.	Cod. listino / Price code
300	4,4	3,2	30	PH01	60	16°	TCG PANHANS - CASADEI	TLD03.3006.60PA	●	AD 3534
300	4,4	3,2	65	PH04	60	16°	TCG SELCO	TLD03.3006.60SE	●	AD 3534
300	4,4	3,2	80	PH01	60	16°	TCG SCM - GABBIANI	TLD03.3006.60SC	●	AD 3534
300	4,4	3,2	30	PH06	72	16°	TCG PANHANS	TLD03.3006.72PA	●	AD 4240
300	4,4	3,2	65	PH04	72	16°	TCG SELCO	TLD03.3006.72SE	●	AD 4240
300	4,4	3,2	80	PH01	72	16°	TCG SCM - GABBIANI	TLD03.3006.72SC	●	AD 4240
320	4,4	3,2	65	PH04	60	16°	TCG SELCO	TLD03.3206.60SE	●	AD 3534
350	4,4	3,2	30	PH01	54	16°	TCG SCHELLING - PANHANS	TLD03.3506.54PA	●	AD 3180
350	4,4	3,2	60	PH03	54	16°	TCG HOLZMA	TLD03.3506.54HO	●	AD 3180
350	4,4	3,2	75	PH05	54	16°	TCG GIBEN	TLD03.3506.54GI	●	AD 3180
350	4,4	3,2	80	PH06	54	16°	TCG SCM - GABBIANI	TLD03.3506.54SC	●	AD 3180
350	4,4	3,2	30	PH01	72	16°	TCG SCHELLING - PANHANS	TLD03.3506.72PA	●	AD 4240
350	4,4	3,2	50	3/15/80	72	16°	TCG GIBEN - MENICONI	TLD03.3506.72GI	●	AD 4240
350	4,4	3,2	60	PH03	72	16°	TCG HOLZMA	TLD03.3506.72HO	●	AD 4240
350	4,4	3,2	75	PH06	72	16°	TCG GIBEN - MENICONI	TLD03.3506.72ME	●	AD 4240
350	4,4	3,2	80	PH06	72	16°	TCG SELCO - SCM - GABBIANI	TLD03.3506.72SC	●	AD 4240
380	4,4	3,2	60	PH03	60	16°	TCG HOLZMA	TLD03.3806.60HO	●	AD 3534
380	4,4	3,2	60	PH03	72	16°	TCG HOLZMA	TLD03.3806.72HO	●	AD 4240
400	4,4	3,2	60	PH03	54	16°	TCG ANTHON	TLD03.4006.54AT	●	AD 3180
400	4,4	3,2	75	PH05	54	16°	TCG GIBEN	TLD03.4006.54GI	●	AD 3180
400	4,4	3,2	80	PH06	54	16°	TCG SELCO - SCM - GABBIANI	TLD03.4006.54SC	●	AD 3180
400	4,4	3,2	30	PH01	60	16°	TCG SCHELLING - PANHANS	TLD03.4006.60PA	●	AD 3534
400	4,4	3,2	60	PH03	60	16°	TCG ANTHON	TLD03.4006.60AT	●	AD 3534
400	4,4	3,2	75	PH05	60	16°	TCG GIBEN	TLD03.4006.60GI	●	AD 3534
400	4,4	3,2	80	PH06	60	16°	TCG SELCO - SCM - GABBIANI	TLD03.4006.60SC	●	AD 3534
400	4,4	3,2	30	PH01	72	16°	TCG SCHELLING - HOLZHER	TLD03.4006.72SH	●	AD 4240
400	4,4	3,2	75	PH06	72	16°	TCG GIBEN - MENICONI	TLD03.4006.72ME	●	AD 4240
400	4,4	3,2	80	PH06	72	16°	TCG SELCO - SCM - GABBIANI	TLD03.4006.72SC	●	AD 4240
420	4,4	3,2	80	PH06	60	16°	TCG SCM - GABBIANI	TLD03.4206.60GA	●	AD 3534
420	4,8	3,5	60	PH03	60	16°	TCG HOLZMA - ANTHON	TLD03.4206.60HO	●	AD 3534
420	4,8	3,5	60	PH03	72	16°	TCG HOLZMA - ANTHON	TLD03.4206.72AN	●	AD 4240
430	4,4	3,2	30	PH01	60	16°	TCG SCHELLING - IRION	TLD03.4306.60SC	●	AD 3534
430	4,4	3,2	80	PH06	60	16°	TCG SCM - GABBIANI	TLD03.4306.60GA	●	AD 3534
450	4,4	3,2	30	PH01	48	16°	TCG SCHELLING - IRION	TLD03.4506.48SC	●	AD 2827
450	4,4	3,2	80	PH06	60	16°	TCG SCM - GABBIANI	TLD03.4506.60GA	●	AD 3534

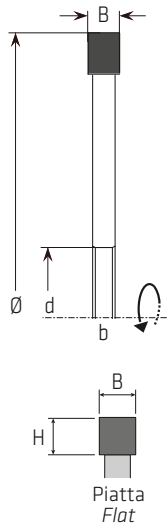
Altre misure disponibili su richiesta | Other dimensions available on request

H6 = circa 8-10 affilature | H6 = approx 8-10 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

TLD04/H4

PCD | H4



Lama per canali/incastri - PCD H4

PCD H4 Grooving cutter

Costruite con corpo in acciaio bonificato. Taglienti saldobrasati in DP. Indicate per l'esecuzione di scanalature su fianchi e/o dorsi di pannelli truciolari o MDF grezzi o rivestiti.

Body in hardened and tempered steel. PCD brazed cutting edges. Recommended for grooving at the sides and/or the top of rough or lined chipboard and MDF panels.

Dente | Tooth: H4 - FT

Ø D (mm)	B (mm)	Ø d (mm)	Z	Dente / Tooth	Codice / Code	Disp. / Avail.	Cod. listino / Price code
100	3,0	30	6	FT	TLD04.100A.4001	●	AD 351
100	3,0	30	12	FT	TLD04.100A.4002	●	AD 693
100	3,0	30	20	FT	TLD04.100A.4003	●	AD 1123
100	4,0	30	6	FT	TLD04.100A.4004	●	AD 462
100	4,0	30	12	FT	TLD04.100A.4005	●	AD 916
100	4,0	30	20	FT	TLD04.100A.4006	●	AD 1521
100	5,0	30	6	FT	TLD04.100A.4007	●	AD 581
100	5,0	30	12	FT	TLD04.100A.4008	●	AD 1155
100	5,0	30	20	FT	TLD04.100A.4009	●	AD 1911
100	6,0	30	6	FT	TLD04.100A.4010	●	AD 701
100	6,0	30	12	FT	TLD04.100A.4011	●	AD 1385
100	6,0	30	20	FT	TLD04.100A.4012	●	AD 2300
150	3,0	30	6	FT	TLD04.150A.4001	●	AD 355
150	3,0	30	12	FT	TLD04.150A.4002	●	AD 697
150	3,0	30	20	FT	TLD04.150A.4003	●	AD 1127
150	4,0	30	6	FT	TLD04.150A.4004	●	AD 466
150	4,0	30	12	FT	TLD04.150A.4005	●	AD 920
150	4,0	30	20	FT	TLD04.150A.4006	●	AD 1525
150	5,0	30	6	FT	TLD04.150A.4007	●	AD 585
150	5,0	30	12	FT	TLD04.150A.4008	●	AD 1159
150	5,0	30	20	FT	TLD04.150A.4009	●	AD 1915
150	6,0	30	6	FT	TLD04.150A.4010	●	AD 705
150	6,0	30	12	FT	TLD04.150A.4011	●	AD 1390
150	6,0	30	20	FT	TLD04.150A.4012	●	AD 2304
200	3,0	30	6	FT	TLD04.200A.4001	●	AD 395
200	3,0	30	12	FT	TLD04.200A.4002	●	AD 777
200	3,0	30	20	FT	TLD04.200A.4003	●	AD 1286
200	4,0	30	6	FT	TLD04.200A.4004	●	AD 522
200	4,0	30	12	FT	TLD04.200A.4005	●	AD 1029
200	4,0	30	20	FT	TLD04.200A.4006	●	AD 1700
200	5,0	30	6	FT	TLD04.200A.4007	●	AD 649
200	5,0	30	12	FT	TLD04.200A.4008	●	AD 1282
200	5,0	30	20	FT	TLD04.200A.4009	●	AD 2130
200	6,0	30	6	FT	TLD04.200A.4010	●	AD 777
200	6,0	30	12	FT	TLD04.200A.4011	●	AD 1536
200	6,0	30	20	FT	TLD04.200A.4012	●	AD 2559

Altre misure disponibili su richiesta | Other dimensions available on request

H4 = circa 4-6 affilature | H4 = approx 4-6 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Frese a finire per bordatrici - PCD

Jointing cutters for edgebanding machines - PCD

Costituite con corpo unico in acciaio bonificato. Taglienti saldobrasati in DP. Indicate per la lavorazione di pannelli truciolari o MDF bilaminici e/o bilaminati su macchine bordatrici. Ottima qualità di finitura dovuta all'accentuata inclinazione assiale. Contenuto assorbimento di energia e ridotta rumorosità grazie al frazionamento dei taglienti. L'esecuzione asimmetrica permette di lavorare pannelli di spessori diversi senza riposizionare l'albero motore. Utilizzabili su macchine: BIESSE, BRANDT, CEHISA, HOLZER, HOMAG, IMA, OTT, SCM.

Single body obtained from hardened and tempered steel. PCD brazed cutting edges. Recommended for working double-layer melamin and b laminated chipboard as well as MDF panels on edgebanders machines. Superfine finish thanks to the high axial design of the teeth. Low power absorption thanks to the lay-out and dimensions of the cutting edges. Asymmetrical execution allow to work panels with different thickness without repositioning the motor spindle. Use on machines: BIESSE, BRANDT, CEHISA, HOLZER, HOMAG, IMA, OTT, SCM.

TCF01/1

PCD | H3 | Z=3



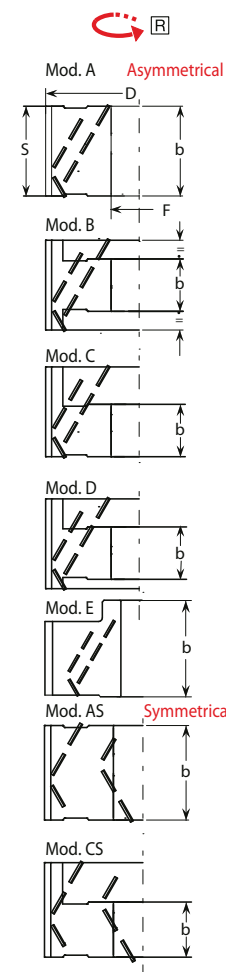
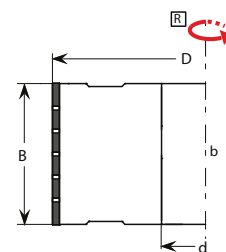
Z3 - Dente | Tooth: H3

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	CH / KW	Z (Tot.)	Mod. / Shape	Axial	Macchine / Machines	Codice SX / Code LH	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
60	65	62	25	2 CH/KW	18	B	30°	FELDER - FRAVOL	TCF01.060G.3ABL	TCF01.060G.3ABR	●	AD 2307
60	65	65	25	2 CH/KW	18	A	30°	FELDER - FRAVOL	TCF01.060G.3AAL	TCF01.060G.3AAR	●	AD 2307
80	65	53	30	2 CH/KW	21	B	30°	BIESSE	TCF01.080A.3AAL	TCF01.080A.3AAR	●	AD 2690
80	65	53	30	2 CH/KW	18	AS	30°	BIESSE		TCF01.080A.3ABR	●	AD 2307
80	65	53	30	2 CH/KW	18	CS	30°	BIESSE	TCF01.080A.3ACL	TCF01.080A.3ACR	●	AD 2307
85	45	45	30	2 CH/KW	15	A	30°	OTT	TCF01.085A.3AAL	TCF01.085A.3AAR	●	AD 1925
100	36	36	30	2 CH/KW	12	A	30°	IMA - BRANDT	TCF01.100A.3AAL	TCF01.100A.3AAR	●	AD 1541
100	36	36	30	2 CH/KW	12	AS	30°	IMA - BRANDT		TCF01.100A.3AFR	●	AD 1541
100	36	25	30	2 CH/KW	12	CS	30°	CEHISA	TCF01.100A.3AGL	TCF01.100A.3AGR	●	AD 1541
100	48	39	30	2 CH/KW	15	C	30°	SCM	TCF01.100A.3ABL	TCF01.100A.3ABR	●	AD 1925
100	48	48	30	2 CH/KW	12	AS	30°	SCM		TCF01.100A.3AHR	●	AD 1541
100	48	41	30	2 CH/KW	15	C	30°	IMA - BRANDT	TCF01.100A.3ACL	TCF01.100A.3ACR	●	AD 1925
100	48	48	30	2 CH/KW	12	AS	30°	IMA - BRANDT		TCF01.100A.3AIR	●	AD 1541
100	65	25	30	2 CH/KW	21	B	30°	HOLZHER	TCF01.100A.3ADL	TCF01.100A.3ADR	●	AD 2690
100	65	65	30	2 CH/KW	18	AS	30°	HOLZHER - SCM		TCF01.100A.3ALR	●	AD 2307
100	65	39	30	2 CH/KW	21	C	30°	SCM	TCF01.100A.3AEL	TCF01.100A.3AER	●	AD 2690
100	65	75	30	2 CH/KW	18	AS	30°	BIESSE		TCF01.100A.3AMR	●	AD 2307
125	36	36	30	2 CH/KW	12	A	30°	HOMAG	TCF01.125A.3AAL	TCF01.125A.3AAR	●	AD 1541
125	36	36	30	2 CH/KW	12	AS	30°	HOMAG		TCF01.125A.3AFR	●	AD 1541
125	45	45	30	2 CH/KW	15	A	30°	BIESSE	TCF01.125A.3ABL	TCF01.125A.3ABR	●	AD 1925
125	45	40	30	2 CH/KW	15	C	30°	HOMAG	TCF01.125A.3ACL	TCF01.125A.3ACR	●	AD 1925
125	45	40	30	2 CH/KW	12	CS	30°	HOMAG	TCF01.125A.3AGL	TCF01.125A.3AGR	●	AD 1541
125	65	40	30	2 CH/KW	21	C	30°	HOMAG	TCF01.125A.3AEL	TCF01.125A.3AER	●	AD 2690
125	65	40	30	2 CH/KW	18	CS	30°	HOMAG	TCF01.125A.3AHL	TCF01.125A.3AHR	●	AD 2307
125	65	53	30	2 CH/KW	21	B	30°	BIESSE	TCF01.125A.3ADL	TCF01.125A.3ADR	●	AD 2690
125	65	40	30	2 CH/KW	21	AS	30°			TCF01.125A.3AIR	●	AD 2690

Altre misure disponibili su richiesta | Other dimensions available on request

H3 = circa 2-3 affilature | H3 = approx 2-3 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Mistral Q

Performance e precisione con un solo inserto DP
High level of precision and performance with one single PCD insert



111% IN ITALY

INSERTO AUTO-POSIZIONANTE

Testa con inserto in DP auto-posizionante e facilmente sostituibile

SELF-POSITIONING INSERT

Head with self-positioning PCD insert and easily replaceable

UNICO INSERTO

Un solo inserto utilizzabile su tutti i diametri dei modelli Mistral Q

ONE SINGLE INSERT

One single insert usable for all diameters of Mistral Q versions

PRECISIONE

Elevata precisione dell'utensile per un'alta qualità di finitura

PRECISION

High precision performance tool for higher finishing quality

ASSENZA DI AFFILATURA

L'inserto in DP grazie all'elevata precisione di posizionamento non ha bisogno di riaffilatura sulla testa

NO RESHARPENING

The PCD insert due to the high positioning accuracy does not need to be resharpened on the head

SILENZIOSITÀ

Il design del corpo dell'utensile e l'innovativa geometria dei taglienti garantiscono una significativa riduzione del rumore

EXTRA LOW NOISE

The design of tool body and the innovative geometry of the cutting edges, guarantee a significant reduction in noise

ZERO VIBRAZIONI

Notevole riduzione delle vibrazioni, dovuto alla leggerezza del corpo in alluminio

ZERO VIBRATIONS

Significant vibrations reduction due to the lightness of the Alloy body

CORPO IN LEGA SPECIALE DI ALLUMINIO

SPECIAL ALUMINIUM ALLOY BODY CONSTRUCTION



Frese a finire per bordatrici con inserti PCD intercambiabili

Jointing cutters for edgbanding machines with PCD changeable inserts

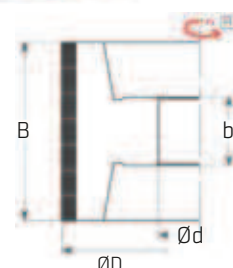
TCF02/1

PCD | H3 | Z=3

Mistral Q

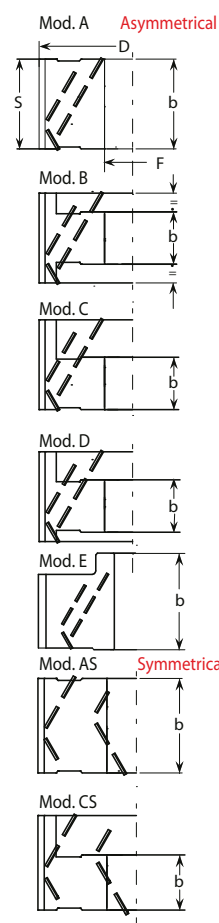
Costituite con corpo unico in alluminio. Taglienti ad inserti intercambiabili in DP. Indicate per la lavorazione di pannelli truciolari o MDF bilaminici e/o bilaminati su macchine bordatrici. Ottima qualità di finitura dovuta all'accentuata inclinazione assiale. Contenuto assorbimento di energia e ridotta rumorosità grazie al frazionamento dei taglienti. L'esecuzione asimmetrica permette di lavorare pannelli di spessori diversi senza riposizionare l'albero motore. Utilizzabili su macchine: BIESSE, BRANDT, CEHISA, HOLZER, HOMAG, IMA, OTT, SCM.

Single body obtained from light alloy. PCD changeable inserts. Recommended for working double-layer melamin and b laminated chipboard as well as MDF panels on edgbanders machines. Superfine finish thanks to the high axial design of the teeth. Low power absorption thanks to the lay-out and dimensions of the cutting edges. Asymmetrical execution allow to work panels with different thickness without repositioning the motor spindle. Use on machines: BIESSE, BRANDT, CEHISA, HOLZER, HOMAG, IMA, OTT, SCM.



Z3 - Dente | Tooth: H3

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	CH / KW	Z (Tot.)	Mod. / Shape	Axial	Macchine / Machines	Codice SX / Code LH	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
60	65	62	25	2 CH/KW	18	B	30°	FELDER - FRAVOL	TCF02.060G.3ABL	TCF02.060G.3ABR	●	AD 3014
60	65	65	25	2 CH/KW	18	A	30°	FELDER - FRAVOL	TCF02.060G.3AAL	TCF02.060G.3AAR	●	AD 3014
70	45	61	25	2 CH/KW	12	E	30°	HEBROCK - EBM	TCF02.070G.3BEL	TCF02.070G.3BER	●	AD 2189
70	65	81	25	2 CH/KW	18	E	30°	HEBROCK - EBM	TCF02.070G.3AEL	TCF02.070G.3AER	●	AD 3014
80	45	53	30	2 CH/KW	12	AS	30°	BIESSE		TCF02.080A.3BBR	●	AD 2189
80	48	64	25	2 CH/KW	15	C	30°	FELDER	TCF02.080G.3BCL	TCF02.080G.3BCR	●	AD 2560
80	65	53	30	2 CH/KW	18	AS	30°	BIESSE		TCF02.080A.3BSR	●	AD 3014
80	65	53	30	2 CH/KW	18	B	30°	BIESSE	TCF02.080A.3BAL	TCF02.080A.3BAR	●	AD 3014
80	65	64	25	2 CH/KW	18	C	30°	FELDER	TCF02.080G.3ACL	TCF02.080G.3ACR	●	AD 3014
85	45	45	30	2 CH/KW	12	A	30°	OTT	TCF02.085A.3AAL	TCF02.085A.3AAR	●	AD 2189
85	65	45	30	2 CH/KW	18	B	30°	OTT	TCF02.085A.3BAL	TCF02.085A.3BAR	●	AD 3014
85	85	50	30	2 CH/KW	24	C	30°	OTT	TCF02.085A.3ACL	TCF02.085A.3ACR	●	AD 3966
100	45	25	30	2 CH/KW	12	B	30°	HOLZ-HER	TCF02.100A.3BBL	TCF02.100A.3BBR	●	AD 2189
100	45	32	30	2 CH/KW	12	B	30°		TCF02.100A.3BAL	TCF02.100A.3BAR	●	AD 2189
100	45	41	30	2 CH/KW	12	B	30°	BRANDT - IMA - BIESSE	TCF02.100A.3CEL	TCF02.100A.3CER	●	AD 2189
100	45	41	30	2 CH/KW	12	C	30°	BRANDT - IMA	TCF02.100A.3CAL	TCF02.100A.3CAR	●	AD 2189
100	45	45	30	2 CH/KW	12	A	30°		TCF02.100A.3AAL	TCF02.100A.3AAR	●	AD 2189
100	45	61	30	2 CH/KW	12	C	30°	HEBROCK - EBM	TCF02.100A.3EBL	TCF02.100A.3EBR	●	AD 2189
100	45	75	30	2 CH/KW	12	AS	30°	BIESSE		TCF02.100A.3BSR	●	AD 2189
100	54	25	30	2 CH/KW	15	B	30°	CEHISA	TCF02.100A.3DBL	TCF02.100A.3DBR	●	AD 2560
100	54	26	30	2 CH/KW	15	B	30°	HOLZ-HER - SCM	TCF02.100A.3BCL	TCF02.100A.3BCR	●	AD 2560
100	54	60	30	2 CH/KW	15	C	30°	SCM	TCF02.100A.3ACL	TCF02.100A.3ACR	●	AD 2560
100	65	25	30	2 CH/KW	18	B	30°	HOLZ-HER	TCF02.100A.3FBL	TCF02.100A.3FBR	●	AD 3014
100	65	40,5	30	2 CH/KW	18	D	30°	SCM	TCF02.100A.3DSL	TCF02.100A.3DSR	●	AD 3014
100	65	41	30	2 CH/KW	18	CS	30°	BRANDT - IMA	TCF02.100A.3CSL	TCF02.100A.3CSR	●	AD 3014
100	65	41	30	2 CH/KW	18	C	30°	BRANDT - SCM	TCF02.100A.3CBL	TCF02.100A.3CBR	●	AD 3014
100	65	56,5	30	2 CH/KW	18	C	30°	FRAVOL	TCF02.100A.3CCL	TCF02.100A.3CCR	●	AD 3014
100	65	60	30	2 CH/KW	18	C	30°	SCM - STEFANI	TCF02.100A.3FCL	TCF02.100A.3FCR	●	AD 3014
100	65	75	30	2 CH/KW	18	AS	30°	BIESSE		TCF02.100A.3DAR	●	AD 3014
100	65	81	30	2 CH/KW	18	C	30°	HEBROCK - EBM	TCF02.100A.3DCL	TCF02.100A.3DCR	●	AD 3014



TCF02/1

PCD | H3 | Z=3

Frese a finire per bordatrici con inserti PCD intercambiabili Jointing cutters for edgebanding machines with PCD changeable inserts

Mistral Q

Costituite con corpo unico in alluminio. Taglienti ad inserti intercambiabili in DP. Indicate per la lavorazione di pannelli truciolari o MDF bilaminici e/o bilaminati su macchine bordatrici. Ottima qualità di finitura dovuta all'accentuata inclinazione assiale. Contenuto assorbimento di energia e ridotta rumorosità grazie al frazionamento dei taglienti. L'esecuzione asimmetrica permette di lavorare pannelli di spessori diversi senza riposizionare l'albero motore. Utilizzabili su macchine: BIESSE, BRANDT, CEHISA, HOLZER, HOMAG, IMA, OTT, SCM.

Single body obtained from light alloy. PCD changeable inserts. Recommended for working double-layer melamin and bilaminated chipboard as well as MDF panels on edgebanders machines. Superfine finish thanks to the high axial design of the teeth. Low power absorption thanks to the lay-out and dimensions of the cutting edges. Asymmetrical execution allow to work panels with different thickness without repositioning the motor spindle. Use on machines: BIESSE, BRANDT, CEHISA, HOLZER, HOMAG, IMA, OTT, SCM.

Z3 - Dente | Tooth: H3

Ø D (mm)	B (mm)	b (mm)	Ø d (mm)	CH / KW	Z (Tot.)	Mod. / Shape	Axial	Machine / Machines	Codice SX / Code LH	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
100	85	85	30	2 CH/KW	24	C	30°	BRANDT	TCF02.100A.3GCL	TCF02.100A.3GCR	●	AD 3966
100	105	85	30	2 CH/KW	30	C	30°	BRANDT	TCF02.100A.3HCL	TCF02.100A.3HCR	●	AD 4923
100	124	96	30	2 CH/KW	36	B	30°	FRAVOL	TCF02.100A.3GBL	TCF02.100A.3GBR	●	AD 5880
125	32	34	30	2 CH/KW	9	A	30°	IMA	TCF02.125A.3AAL	TCF02.125A.3AAR	●	AD 1596
125	48	40	30	2 CH/KW	18	AS	30°	BIESSE - HOMAG		TCF02.125A.3ASR	●	AD 3014
125	48	40	30	2 CH/KW	15	C	30°	HOMAG	TCF02.125A.3CAL	TCF02.125A.3CAR	●	AD 2560
125	48	40	30	2 CH/KW	15	B	30°	BIESSE	TCF02.125A.3FBL	TCF02.125A.3FBR	●	AD 2560
125	48	45	30	2 CH/KW	15	A	30°	IMA	TCF02.125A.3FEL	TCF02.125A.3FER	●	AD 2560
125	48	57	30	2 CH/KW	15	E	30°	IMA	TCF02.125A.3AEL	TCF02.125A.3AER	●	AD 2560
125	54	42	30	2 CH/KW	18	B	30°		TCF02.125A.3BAL	TCF02.125A.3BAR	●	AD 3014
125	65	40	30	2 CH/KW	24	AS	30°	BIESSE - HOMAG		TCF02.125A.3BDR	●	AD 3966
125	65	42	30	2 CH/KW	21	C	30°	IMA	TCF02.125A.3ACL	TCF02.125A.3ACR	●	AD 3490
125	65	53	30	2 CH/KW	21	B	30°	BIESSE	TCF02.125A.3BBL	TCF02.125A.3BBR	●	AD 3490
125	65	57	30	2 CH/KW	21	E	30°	IMA	TCF02.125A.3ABL	TCF02.125A.3ABR	●	AD 3490

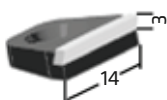
Altre misure disponibili su richiesta | Other dimensions available on request

H3 = circa 2-3 affilature | H3 = approx 2-3 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Parti ricambio | Spare parts

Descrizione / Description	Codice / Code	Disp. / Avail.	Cod. listino / Price code
Inserto DP / PCD Insert	TRD04.14H3.UNIV	●	B 1341
Chiave Dinamometrica / Dynamometric key	TAA08.5160.1005	●	B 1398
Vite Torx T20 / Torx T20 screw	TAA06.4050.4511	●	B 106



Rpm	Avanz. / Feed speed
4000	6 m/min
5000	8 m/min
6000	10 m/min
7000	12 m/min
8000	15 m/min

Dati indicativi | Datas are indicative only

Punta per foratrice - Foro cieco - PCD

PCD Drills for boring machines - Blind hole

Queste punte foratrici vengono usualmente impiegate nella lavorazione dei pannelli per la lavorazione di foratura, trovano impiego nelle lavorazioni dei più frequenti materiali di derivazione del legno quali compensati, multistrati, pannelli grezzi di truciolare e MDF (anche rivestiti in pvc, melaminico, carta) HPL. Il loro utilizzo va dai più semplici pantografi CNC a tutte le foratrici orizzontali, verticali o in linea. Il loro metodo di utilizzo è lo stesso della medesima punta in HW. Indicate per la foratura verticale, rotazione destra o sinistra.

Attacco cilindrico con piano di fissaggio e vite di regolazione assiale.

This range of tools is used mostly in the furniture industry to make trace holes, through holes, blind holes and hinge housings. These drills for boring machines and hinge housings are particularly suitable for the machining of wood and wood products, such as plywood, multilayer panels, raw chipboard, MDF panels (also coated with PVC, melamine, paper) and HPL panels.

Most specifically, they are used in work centers, in point-to-point systems and on all the machines for line boring. Indicated for vertical boring, right or left rotation. Cylindrical coupling with fixing plane and axial adjusting screw.

GEOMETRIA | GEOMETRY: elicoidale | helical

AVANZAMENTO | FEEDRATE: Standard

MAX N.GIRI | TURNS N.MAX: fino a 9000 giri/min | up to 9000 Rpm

ALTEZZA DIAMANTE | DIAMOND HEIGHT: 3

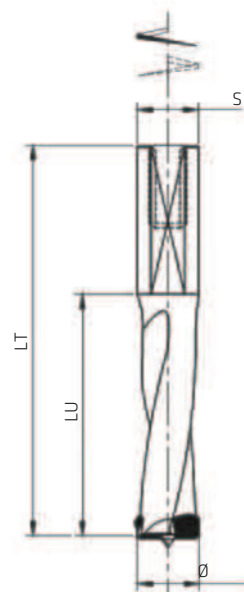
TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

NOTA | NOTE: finiture e durata SUPER | SUPER durability and surface finish

TPD01/1

PCD | Z=2



H3 - LT 57,5 mm

Ø D (mm)	LT (mm)	LU (mm)	S (mm)	Z	Z tot.	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	57,5	27	10x20	2	2DP	TPD01.0558.R001	●	TPD01.0558.L001	●	AD 327
6	57,5	27	10x20	2	2DP	TPD01.0658.R001	●	TPD01.0658.L001	●	AD 335
8	57,5	27	10x20	2	2DP	TPD01.0858.R001	●	TPD01.0858.L001	●	AD 374
10	57,5	27	10x20	2	2DP	TPD01.1058.R001	●	TPD01.1058.L001	●	AD 398
12	57,5	27	10x20	2	2DP	TPD01.1258.R001	●	TPD01.1258.L001	●	AD 439

Altre misure disponibili su richiesta | Other dimensions available on request

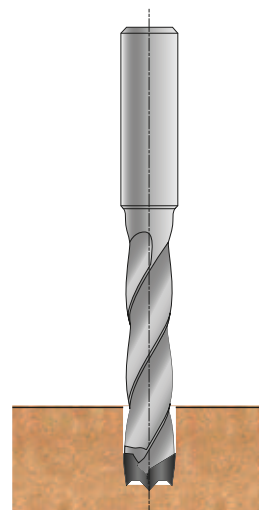
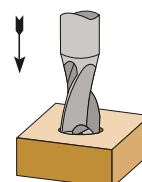
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

H3 - LT 70 mm

Ø D (mm)	LT (mm)	LU (mm)	S (mm)	Z	Z tot.	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	70	35	10x20	2	2DP	TPD01.0570.R001	●	TPD01.0570.L001	●	AD 327
6	70	35	10x20	2	2DP	TPD01.0670.R001	●	TPD01.0670.L001	●	AD 335
8	70	35	10x20	2	2DP	TPD01.0870.R001	●	TPD01.0870.L001	●	AD 374
10	70	35	10x20	2	2DP	TPD01.1070.R001	●	TPD01.1070.L001	●	AD 398
12	70	35	10x20	2	2DP	TPD01.1270.R001	●	TPD01.1270.L001	●	AD 439

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



TPD01/2

PCD | Z=2



Punta per foratrice - Foro passante - PCD

Drills for boring machines - Through hole - PCD

Queste punte foratrici vengono usualmente impiegate nella lavorazione dei pannelli per la lavorazione di foratura, trovano impiego nelle lavorazioni dei più frequenti materiali di derivazione del legno quali compensati, multistrati, pannelli grezzi di truciolare e MDF (anche rivestiti in pvc, melaminico, carta) HPL. Il loro utilizzo va dai più semplici pantografi CNC a tutte le foratrici orizzontali, verticali o in linea. Il loro metodo di utilizzo è lo stesso della medesima punta in HW. Indicate per la foratura verticale, rotazione destra o sinistra. Attacco cilindrico con piano di fissaggio e vite di regolazione assiale.

This range of tools is used mostly in the furniture industry to make trace holes, through holes, blind holes and hinge housings. These drills for boring machines and hinge housings are particularly suitable for the machining of wood and wood products, such as plywood, multilayer panels, raw chipboard, MDF panels (also coated with PVC, melamine, paper) and HPL panels. Most specifically, they are used in work centers, in point-to-point systems and on all the machines for line boring. Indicated for vertical boring, right or left rotation. Cylindrical coupling with fixing plane and axial adjusting screw.

GEOMETRIA | GEOMETRY: elicoidale | helical

AVANZAMENTO | FEEDRATE: Standard

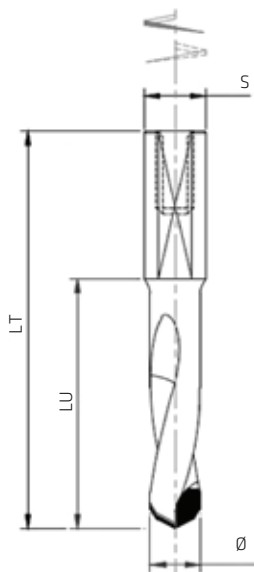
MAX N.GIRI | TURNS N.MAX: fino a 9000 giri/min | up to 9000 Rpm

ALTEZZA DIAMANTE | DIAMOND HEIGHT: 3

TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

NOTA | NOTE: finiture e durata SUPER | SUPER durability and surface finish



H3 - LT 57,5 mm

Ø D (mm)	LT (mm)	LU (mm)	S (mm)	Z	Z tot.	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	57,5	27	10x20	2	2DP	TPD01.0558.R002	●	TPD01.0558.L002	●	AD 327
6	57,5	27	10x20	2	2DP	TPD01.0658.R002	●	TPD01.0658.L002	●	AD 335
8	57,5	27	10x20	2	2DP	TPD01.0858.R002	●	TPD01.0858.L002	●	AD 374
10	57,5	27	10x20	2	2DP	TPD01.1058.R002	●	TPD01.1058.L002	●	AD 398
12	57,5	27	10x20	2	2DP	TPD01.1258.R002	●	TPD01.1258.L002	●	AD 439

Altre misure disponibili su richiesta | Other dimensions available on request

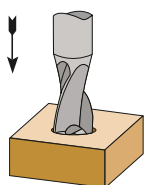
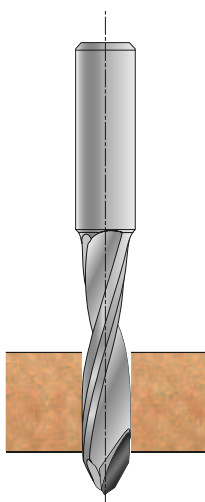
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

H3 - LT 70 mm

Ø D (mm)	LT (mm)	LU (mm)	S (mm)	Z	Z tot.	Codice DX / Code RH	Disp. / Avail.	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code
5	70	35	10x20	2	2DP	TPD01.0570.R002	●	TPD01.0570.L002	●	AD 327
6	70	35	10x20	2	2DP	TPD01.0670.R002	●	TPD01.0670.L002	●	AD 335
8	70	35	10x20	2	2DP	TPD01.0870.R002	●	TPD01.0870.L002	●	AD 374
10	70	35	10x20	2	2DP	TPD01.1070.R002	●	TPD01.1070.L002	●	AD 398
12	70	35	10x20	2	2DP	TPD01.1270.R002	●	TPD01.1270.L002	●	AD 439

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
4000	0,3 m/min.
5000	0,8 m/min.
6000	1,0 m/min.
8000	1,5 m/min.
9000	1,8 m/min.

MDF

RPM	Avanz. / Feed speed
4000	0,2 m/min.
5000	0,5 m/min.
6000	0,7 m/min.
8000	1,0 m/min.
9000	1,2 m/min.

Dati indicativi / Datas are indicative only

Fresa PCD per pantografo ad elica - 1 punto di taglio - 2/3 divisioni

PCD Spirals router bit - 1 cutting point - 2/3 divisions

Costruite in acciaio ad elevata resistenza meccanica. Taglienti saldobrasati in DP e a forare in HW e/o DP. Eseguite con 1 principio di taglio e 2/3 divisioni. Indicate per contornare e forare e per la lavorazione di pannelli truciolari, MDF bilaminici e/o bilaminati su pantografi CNC o punto-punto.

Steel body with high mechanical resistance. PCD brazed bits and carbide HW or PCD plug tip. Executed with 1 cutting principle on 2/3 wing design. Recommended for jointing and nesting operations. Suggested to work on double-layer melamine or bilaminated chipboard or MDF panels on router and CNC machines.

TAGLIENTI | SHARP: 1+1

GEOMETRIA | GEOMETRY: assiale | axial

AVANZAMENTO | FEEDRATE: fino a 6-7 m/min | up to 6-7 m/min

MAX N.GIRI | TURNS N.MAX: fino a 24000 giri/min | up to 24000 Rpm

TAGLIENTI A FORARE | SHARP DRILLING: Hw

TOLLERANZA CODOLO | TANG TOLERANCE: H7

H3 - Z1 / Z1+1

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
10	75	22	12X40	1	3DP	TPD02.10R3.B001	●	AD 204
10	75	27	12X40	1	3+1 DP	TPD02.10R3.B002	●	AD 219
12	75	27	12X40	1	3DP	TPD02.12R3.B001	●	AD 204
12	85	36	12X40	1	4DP	TPD02.12R3.B002	●	AD 272
16	75	27	16X50	1+1	3DP+1HM	TPD02.16R3.B001	●	AD 204
16	95	36	16X50	1+1	4DP+1HM	TPD02.16R3.B002	●	AD 272
18	85	27	20X50	1+1	3DP+1HM	TPD02.18R3.B001	●	AD 204
18	95	36	20X50	1+1	4DP+1HM	TPD02.18R3.B002	●	AD 272
18	100	45	20X50	1+1	5DP+1HM	TPD02.18R3.B003	●	AD 341
20	85	27	20X50	1+1	3DP+1HM	TPD02.20R3.B001	●	AD 204
20	95	36	20X50	1+1	4DP+1HM	TPD02.20R3.B002	●	AD 272
20	100	45	20X50	1+1	5DP+1HM	TPD02.20R3.B003	●	AD 341
20	110	53	20X50	1+1	6DP+1HM	TPD02.20R3.B004	●	AD 408
20	120	61	20X50	1+1	7DP+1HM	TPD02.20R3.B005	●	AD 476
20	130	70	20X50	1+1	8DP+1HM	TPD02.20R3.B006	●	AD 543
25	130	70	25X50	1+1	8DP+1HM	TPD02.25R3.B001	●	AD 543

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

H3 = circa 2-3 affilature | H3 = approx 2-3 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM 18,000 - 24,000

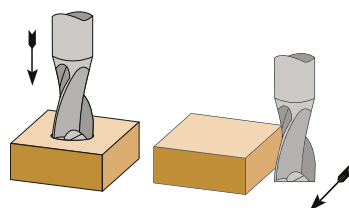
Dimensions	Thickness / Feed speed	Thickness / Feed speed
12x27	20 mm / 3 m/min.	
18x36	25 mm / 6 m/min.	30 mm / 5 m/min.
20x53	40 mm / 7 m/min.	50 mm / 6 m/min.

MDF

RPM 18,000 - 24,000

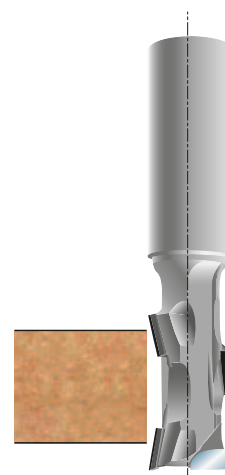
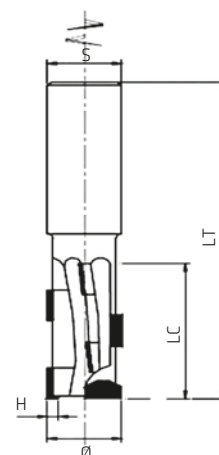
Dimensions	Thickness / Feed speed	Thickness / Feed speed
12x27	20 mm / 2 m/min.	
18x36	25 mm / 5 m/min.	30 mm / 4 m/min.
20x53	40 mm / 6 m/min.	50 mm / 5 m/min.

Dati indicativi / Datas are indicative only



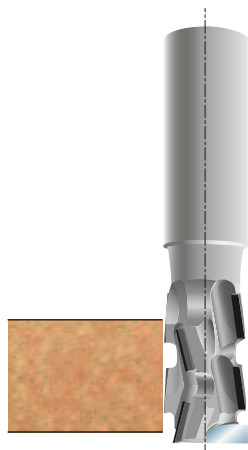
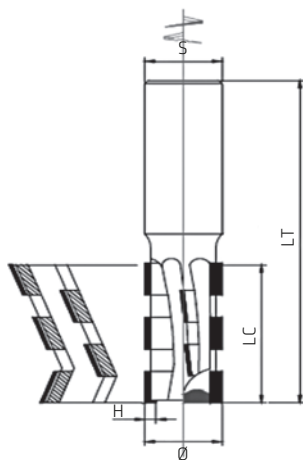
TPD02/1

PCD | H3 | Z=1



TPD02/2

PCD | H3-4 | Z=2



Fresa PCD per pantografo ad elica - 2 punti di taglio - 4 divisioni

PCD Spirals router bit - 2 cutting points - 4 divisions

Costruite in acciaio ad elevata resistenza meccanica. Taglienti saldobrasati in DP e a forare in HW e/o DP. Eseguite con 2 principi di taglio su 4 divisioni. Possono eseguire le operazioni di nesting o di contornatura a medie velocità di avanzamento. Indicate per la lavorazione di pannelli truciolari, MDF bilaminici e/o bilaminati su pantografi CNC o punto-punto.

Steel body with high mechanical resistance. PCD brazed bits and carbide HW or PCD plug tip. Executed with 2 cutting principles on 4 wing design. Recommended for jointing and nesting operations at medium feed speeds. Suggested to work on double-layer melamine or b laminated chipboard or MDF panels on router and CNC machines.

TAGLIENTI | SHARP: 2+1

GEOMETRIA | GEOMETRY: assiale | axial

AVANZAMENTO | FEEDRATE: fino a 10 m/min | up to 10 m/min

MAX N.GIRI | TURNS N.MAX: fino a 24000 giri/min | up to 24000 RpM

TAGLIENTI A FORARE | SHARP DRILLING: Hw

TOLLERANZA CODOLO | TANG TOLERANCE: H7

H3 - Z2

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
12	75	22	12x40	2	4DP	TPD02.12R3.E001	●	AD 272
12	75	27	12x40	2	6DP+1HM	TPD02.12R3.E002	●	AD 408
16	85	27	16x50	2	6DP+1HM	TPD02.16R3.E001	●	AD 408
16	95	36	16x50	2	8DP+1HM	TPD02.16R3.E002	●	AD 543
16	100	45	16x50	2	10DP+1HM	TPD02.16R3.E003	●	AD 680
18	75	27	20x50	2	6DP+1HM	TPD02.18R3.E001	●	AD 408
18	85	36	20x50	2	8DP+1HM	TPD02.18R3.E002	●	AD 543
18	100	45	20x50	2	10DP+1HM	TPD02.18R3.E003	●	AD 680
20	85	27	20x50	2	6DP+1HM	TPD02.20R3.E001	●	AD 408
20	95	36	20x50	2	8DP+1HM	TPD02.20R3.E002	●	AD 543
20	100	45	20x50	2	10DP+1HM	TPD02.20R3.E003	●	AD 680
20	110	53	20x50	2	12DP+1HM	TPD02.20R3.E004	●	AD 816
20	120	62	20x50	2	14DP+1HM	TPD02.20R3.E005	●	AD 951

H4 - Z2

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
20	85	27	20x50	2	6DP+1HM	TPD02.20R4.E001	●	AD 574
20	95	36	20x50	2	8DP+1HM	TPD02.20R4.E002	●	AD 765
20	100	45	20x50	2	10DP+1HM	TPD02.20R4.E003	●	AD 955
20	110	53	20x50	2	12DP+1HM	TPD02.20R4.E004	●	AD 1147
20	120	62	20x50	2	14DP+1HM	TPD02.20R4.E005	●	AD 1338
20	130	70	20x50	2	16DP+1HM	TPD02.20R4.E006	●	AD 1529

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

H3 = circa 2-3 affilature | H3 = approx 2-3 times sharpening

H4 = circa 4-6 affilature | H4 = approx 4-6 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM 18,000 - 24,000

Dimensions	Thickness / Feed speed	Thickness / Feed speed
16x27	20 mm / 6 m/min.	
20x36	25 mm / 8 m/min.	30 mm / 7 m/min.
20x53	40 mm / 10 m/min.	50 mm / 9 m/min.

MDF

RPM 18,000 - 24,000

Dimensions	Thickness / Feed speed	Thickness / Feed speed
12x27	20 mm / 5 m/min.	
18x36	25 mm / 7 m/min.	30 mm / 6 m/min.
20x53	40 mm / 8 m/min.	50 mm / 7 m/min.

Dati indicativi / Datas are indicative only

Fresa PCD per pantografo ad elica - 2 punti di taglio - 4 divisioni - tipo Riccio

PCD Spirals router bit - 2 cutting points - 4 divisions - Curly type

TPD02/3

PCD | H3 | Z=2

Costruite in acciaio ad elevata resistenza meccanica. Taglienti saldobrasati in DP e a forare in DP. Eseguite con 2 principi di taglio su 4 divisioni. Possono eseguire le operazioni di nesting o di contornatura a medio velocità di avanzamento. Indicate per la lavorazione di pannelli truciolari, MDF bilaminici e/o bilaminati su pantografi CNC o punto-punto.

Steel body with high mechanical resistance. PCD brazed bits and carbide PCD plug tip. Executed with 2 cutting principles on 4 wing design. Recommended for jointing and nesting operations at medium feed speeds. Suggested to work on double-layer melamine or b laminated chipboard or MDF panels on router and CNC machines.

TAGLIENTI | SHARP: 2+1

GEOMETRIA | GEOMETRY: assiale | axial

AVANZAMENTO | FEEDRATE: fino a 12 m/min | up to 12 m/min

MAX N.GIRI | TURNS N.MAX: fino a 24000 giri/min | up to 24000 RpM

TAGLIENTI A FORARE | SHARP DRILLING: Hw

TOLLERANZA CODOLO | TANG TOLERANCE: H7

NOTA | NOTE: finitura ottima | excellent finish

H3 - Z2

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
20	85	22	20x50	2	8DP+1HM	TPD02.20R4.F001	●	AD 578
20	90	28	20x50	2	10DP+1HM	TPD02.20R4.F002	●	AD 722
20	95	33	20x50	2	12DP+1HM	TPD02.20R4.F003	●	AD 866
20	100	39	20x50	2	14DP+1HM	TPD02.20R4.F004	●	AD 1011
20	110	50	20x50	2	18DP+1HM	TPD02.20R4.F005	●	AD 1299
25	95	33	25x55	2	12DP+1HM	TPD02.25R4.F001	●	AD 866
25	110	50	25x55	2	18DP+1HM	TPD02.25R4.F002	●	AD 1299
25	120	61	25x55	2	22DP+1HM	TPD02.25R4.F003	●	AD 1588

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

H3 = circa 2-3 affilature | H3 = approx 2-3 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM 18,000 - 24,000

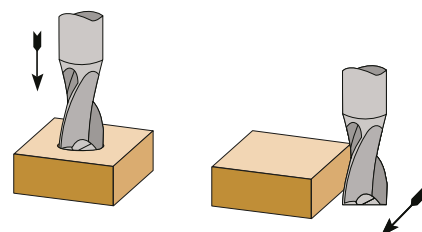
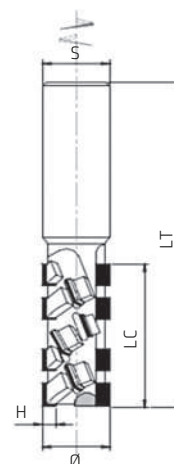
Dimensions	Thickness / Feed speed	Thickness / Feed speed
20x33	20 mm / 10 m/min.	
25x50	30 mm / 12 m/min.	40 mm / 10 m/min.
25x61	50 mm / 14 m/min.	60 mm / 11 m/min.

MDF

RPM 18,000 - 24,000

Dimensions	Thickness / Feed speed	Thickness / Feed speed
20x33	20 mm / 8 m/min.	
25x50	30 mm / 10 m/min.	40 mm / 8 m/min.
25x61	50 mm / 11 m/min.	60 mm / 9 m/min.

Dati indicativi / Datas are indicative only



TPD02/4

PCD | H5 | Z=3



Fresa PCD per pantografo ad elica multitaglienti - 3 punti di taglio con rompitruciolo - 3 divisioni - Tipo Standard

PCD Multi-cutting router bit — 3 cutting points with chipbreaker 3 divisions — Standard Type

Queste punte pantografo vengono usualmente impiegate nella lavorazione dei pannelli per la lavorazione di contornatura esterna, esecuzione di canali, fresatura interna, esecuzione di asole di varie geometrie e di fori di vari diametri. Trovano impiego nelle lavorazioni dei più frequenti materiali di derivazione del legno quali compensati, multistrati, pannelli grezzi di truciolare e MDF (anche rivestiti in pvc, melaminici, carta), HPL, materie plastiche anche caricate con fibre di vetro, calcestruzzo poroso, pannelli in agglomerato minerali (ad esempio corian) e in fibre minerali. Il loro utilizzo dal più semplice pantografo manuale portatile alle punto-punto ai centri di lavoro per nesting fino ai più complessi CNC. Indicate per contornare e forare, 3 divisioni elicoidali, rotazione destra o sinistra con velocità di avanzamento fino a 25 m/min.

The router bits are usually used in the outer contouring of panels to make channels, internal milling, slotting of various shapes and sizes and holes of different diameters. They are used in the machining of the most common wood-derived materials, such as plywood, multilayer panels, raw chipboard and MDF panels (also coated with PVC, melamine, paper), HPL, plastics, also loaded with glass fibers, porous concrete, agglomerated minerals (for example corian) and mineral fibers panels. Their use ranges from the simplest manual portable pantograph to the point-to-point systems, the machining centers for nesting and the most complex CNC machining centers. Indicated for contouring and drilling, 3 helical divisions, right or left rotation with feedrate up to 25 m/min.

TAGLIENTI | SHARP: 3 +3

GEOMETRIA | GEOMETRY: assiale | axial

AVANZAMENTO | FEEDRATE: fino a 25 m/min | up to 25 m/min

MAX N.GIRI | TURNS N.MAX: fino a 24000 giri/min | up to 24000 RpM

TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

H5 - Z3

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
20	90	30	20x50	3	12DP+1DP	TPD02.20R5.G001	●	AD 866
20	95	35	20x50	3	15DP+1DP	TPD02.20R5.G002	●	AD 1087
20	100	40	20x50	3	18DP+1DP	TPD02.20R5.G003	●	AD 1299
20	105	45	20x50	3	20DP+1DP	TPD02.20R5.G004	●	AD 1444
20	110	50	20x50	3	21DP+1DP	TPD02.20R5.G005	●	AD 1515
20	115	55	20x50	3	24DP+1DP	TPD02.20R5.G006	●	AD 1732
20	120	60	20x50	3	27DP+1DP	TPD02.20R5.G007	●	AD 1953
22	125	65	20x50	3	29DP+1DP	TPD02.22R5.G001	●	AD 2094
22	130	70	20x50	3	30DP+1DP	TPD02.22R5.G002	●	AD 1732
22	135	75	20x50	3	33DP+1DP	TPD02.22R5.G003	●	AD 1953
25	110	50	25x55	3	21DP+1DP	TPD02.25R5.G001	●	AD 1515
25	115	55	25x55	3	24DP+1DP	TPD02.25R5.G002	●	AD 1732
25	120	60	25x55	3	27DP+1DP	TPD02.25R5.G003	●	AD 1953
25	125	65	25x55	3	29DP+1DP	TPD02.25R5.G004	●	AD 2098
25	130	70	25x55	3	30DP+1DP	TPD02.25R5.G005	●	AD 2165
25	135	75	25x55	3	33DP+1DP	TPD02.25R5.G006	●	AD 2385

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

H5 = circa 6-8 affilature | H5 = approx 6-8 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard RPM 24,000

Dimensions	Thickness / Feed speed
20x30	25 mm / 20-22 m/min.
25x65	40 mm / 20-22 m/min.

MDF RPM 24,000

Dimensions	Thickness / Feed speed
20x30	25 mm / 16-17 m/min.
25x65	40 mm / 15-16 m/min.

Dati indicativi / Datas are indicative only

Fresa PCD per pantografo ad elica multitaglienti - 3 punti di taglio con rompitruciolo - 3 divisioni - Tipo Plus

PCD Multi-cutting router bits - 3 cutting points with chipbreaker 3 divisions - Plus type

TPD02/5

PCD | H4 | Z=3

Indicate per contornare e forare, 3 divisioni elicoidali con forte angolo assiale, rotazione destra o sinistra con velocità di avanzamento fino a 25 m/min. Finitura OTTIMA.

Indicated for contouring and drilling, 3 helical divisions with high shear angle, right or left rotation with feedrate up to 25 m/min. EXCELLENT finishing.

TAGLIENTI | SHARP: 3 +3

GEOMETRIA | GEOMETRY: assiale | axial

AVANZAMENTO | FEEDRATE: fino a 25 m/min | up to 25 m/min

MAX N.GIRI | TURNS N.MAX: fino a 24000 giri/min | up to 24000 Rpm

TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

NOTA | NOTE: finitura ottima | excellent finish

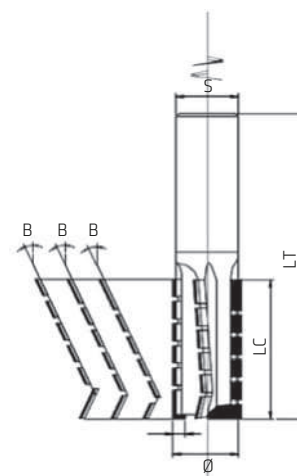
H4 - Z3

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
16	85	25	16x50	3	9DP+1DP	TPD02.16R4.P001	●	AD 612
16	90	30	16x50	3	11DP+1DP	TPD02.16R4.P002	●	AD 747
16	95	35	16x50	3	13DP+1DP	TPD02.16R4.P003	●	AD 884
20	80	25	20x50	3	9DP+1DP	TPD02.20R4.P001	●	AD 612
20	90	30	20x50	3	11DP+1DP	TPD02.20R4.P002	●	AD 747
20	95	35	20x50	3	13DP+1DP	TPD02.20R4.P003	●	AD 884
20	100	40	20x50	3	15DP+1DP	TPD02.20R4.P004	●	AD 1020
20	105	45	20x50	3	17DP+1DP	TPD02.20R4.P005	●	AD 1155
20	110	50	20x50	3	19DP+1DP	TPD02.20R4.P006	●	AD 1291
25	105	45	25x55	3	17DP+1DP	TPD02.25R4.P001	●	AD 1155
25	110	50	25x55	3	19DP+1DP	TPD02.25R4.P002	●	AD 1291
25	115	55	25x55	3	21DP+1DP	TPD02.25R4.P003	●	AD 1427
25	120	60	25x55	3	23DP+1DP	TPD02.25R4.P004	●	AD 1563
25	120	65	25x55	3	25DP+1DP	TPD02.25R4.P005	●	AD 1698
25	130	70	25x55	3	27DP+1DP	TPD02.25R4.P006	●	AD 1834

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

H4 = circa 4-6 affilature | H4 = approx 4-6 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Pannello truciolare / Chipboard

RPM 24,000

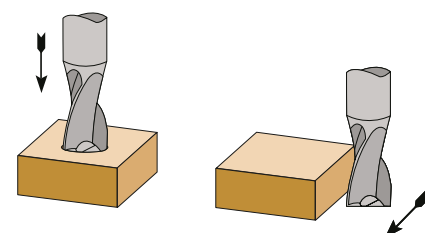
Dimensions	Thickness / Feed speed
20x30	20 mm / 20-22 m/min.
25x65	40 mm / 20-22 m/min.

MDF

RPM 24,000

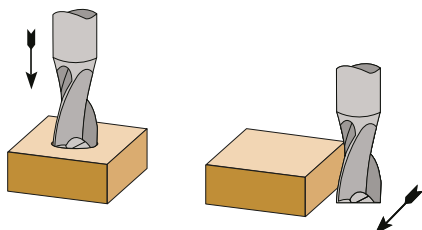
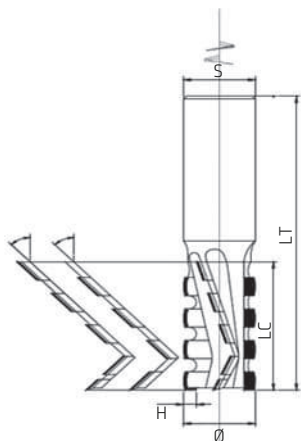
Dimensions	Thickness / Feed speed
20x30	20 mm / 16-17 m/min.
25x65	40 mm / 15-16 m/min.

Dati indicativi / Datas are indicative only



TPD02/6

PCD | H4 | Z=2+2



Fresa PCD per pantografo ad elica multitaglienti - 4 punti di taglio con rompitruciolo - 4 divisioni - Tipo Top Master

PCD Multi-cutting router bits - 4 cutting points with chipbreaker - 4 divisions - Top Master type

Indicate per contornare e forare, 4 divisioni elicoidali con elevato angolo assiale, rotazione destra o sinistra con velocità di avanzamento superiore a 25 m/min. Finitura SUPER.

Indicated for contouring and drilling, 4 helical divisions with high shear angle, right or left rotation with feedrate over 25 m/ min. SUPER finishing.

TAGLIENTI | SHARP: 2+2

GEOMETRIA | GEOMETRY: forte assialità 45° | high axial 45°

AVANZAMENTO | FEEDRATE: fino a 25 m/min | up to 25 m/min

MAX N.GIRI | TURNS N.MAX: fino a 24000 giri/min | up to 24000 RpM

ALTEZZA DIAMANTE | DIAMOND HEIGHT: 4

TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

NOTA | NOTE: finiture e durata SUPER | SUPER durability and surface finish

H4 - Z2+2

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
20	80	19	20x50	2	6DP+2DP	TPD02.20R4.S001	●	AD 1011
20	85	25	20x50	2	8DP+2DP	TPD02.20R4.S002	●	AD 1258
20	90	31	20x50	2	10DP+2DP	TPD02.20R4.S003	●	AD 1513
20	95	37	20x50	2	12DP+2DP	TPD02.20R4.S004	●	AD 1767
20	105	43	20x50	2	14DP+2DP	TPD02.20R4.S005	●	AD 2014
20	110	49	20x50	2	16DP+2DP	TPD02.20R4.S006	●	AD 2268
20	115	55	20x50	2	18DP+2DP	TPD02.20R4.S007	●	AD 2515
25	110	43	25x55	2	14DP+2DP	TPD02.25R4.S001	●	AD 2014
25	115	49	25x55	2	16DP+2DP	TPD02.25R4.S002	●	AD 2261
25	120	55	25x55	2	18DP+2DP	TPD02.25R4.S003	●	AD 2515
25	125	61	25x55	2	20DP+2DP	TPD02.25R4.S004	●	AD 2770
25	130	67	25x55	2	22DP+2DP	TPD02.25R4.S005	●	AD 3017
25	138	73	25x55	2	24DP+2DP	TPD02.25R4.S006	●	AD 3271
25	144	79	25x55	2	26DP+2DP	TPD02.25R4.S007	●	AD 3527

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

H4 = circa 4-6 affilature | H4 = approx 4-6 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM 18,000 - 24,000

Dimensions	Thickness / Feed speed
20x25	10 mm / 16-18 m/min. 20 mm / 15-17 m/min.
25x43	30 mm / 14-16 m/min. 40 mm / 12-14 m/min.

MDF

RPM 18,000 - 24,000

Dimensions	Thickness / Feed speed
20x25	10 mm / 13-15 m/min. 20 mm / 12-14 m/min.
25x43	30 mm / 12-13 m/min. 40 mm / 11-12 m/min.

Dati indicativi / Datas are indicative only

Fresa PCD per pantografo ad elica multitaglianti per avanz. rapido - 40°

PCD multi-cutting special router bits for quick feed rates - 40°

Costruite con corpo in acciaio di elevata resistenza meccanica. Taglienti saldobrasati in DP. Eseguite con tre o quattro principi di taglio, indicate per la lavorazione di pannelli truciolari o in MDF bilaminici e/o bilaminati su pantografi, punto-punto o CNC. Possono eseguire le operazioni di di contornatura a elevate velocità di avanzamento.

Steel body with high mechanical resistance. DP brazed bits. Executed with three or four cutting principles, suggested to work chipboard or MDF panels lined with melamine or bilaminated on router, punto-punto and CNC machines. Recommended for jointing at high feed speed.

TAGLIENTI | SHARP: 4+2+4

GEOMETRIA | GEOMETRY: forte assialità 40° | *high axial 40°*

AVANZAMENTO | FEEDRATE: fino a 25 m/min | *up to 25 m/min*

MAX N.GIRI | TURNS N.MAX: fino a 18000 giri/min | *up to 18000 Rpm*

ALTEZZA DIAMANTE | DIAMOND HEIGHT: 4

TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

NOTA | NOTE: finiture e durata SUPER | *SUPER durability and surface finish*



H4 - Z3

Ø D [mm]	LT [mm]	LU [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Codice SX / Code LH	Disp./ Avail.	Cod. listino / Price code
50	80	23	25x55	3	12DP	TPD02.50R4.3001	●	TPD02.50L4.3001	●	AD 1120
50	85	28	25x55	3	15DP	TPD02.50R4.3002	●	TPD02.50L4.3002	●	AD 1399
50	95	38	25x55	3	18DP	TPD02.50R4.3003	●	TPD02.50L4.3003	●	AD 1665
60	80	23	25x55	3	12DP	TPD02.60R4.3001	●	TPD02.60L4.3001	●	AD 1120
60	85	28	25x55	3	15DP	TPD02.60R4.3002	●	TPD02.60L4.3002	●	AD 1399
60	95	38	25x55	3	18DP	TPD02.60R4.3003	●	TPD02.60L4.3003	●	AD 1680
60	101	44	25x55	3	21DP	TPD02.60R4.3004	●	TPD02.60L4.3004	●	AD 1959

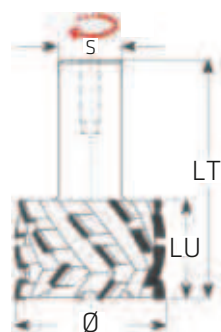
H4 - Z4

Ø D [mm]	LT [mm]	LU [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Codice SX / Code LH	Disp./ Avail.	Cod. listino / Price code
50	80	23	25x55	4	16DP	TPD02.50R4.4001	●	TPD02.50L4.4001	●	AD 1493
50	85	28	25x55	4	20DP	TPD02.50R4.4002	●	TPD02.50L4.4002	●	AD 1866
50	95	38	25x55	4	24DP	TPD02.50R4.4003	●	TPD02.50L4.4003	●	AD 2239
60	80	23	25x55	4	16DP	TPD02.60R4.4001	●	TPD02.60L4.4001	●	AD 1493
60	85	28	25x55	4	20DP	TPD02.60R4.4002	●	TPD02.60L4.4002	●	AD 1866
60	95	38	25x55	4	24DP	TPD02.60R4.4003	●	TPD02.60L4.4003	●	AD 2239
60	101	44	25x55	4	28DP	TPD02.60R4.4004	●	TPD02.60L4.4004	●	AD 2613

Altre misure e rotazione SX disponibili su richiesta | *Other dimensions and LH rotation available on request*

H4 = circa 4-6 affilature | *H4 = approx 4-6 times sharpening*

● ● ● Per disponibilità vedi pag. 3 | *For availability see page 3*



Pannello truciolare / Chipboard

RPM 12,000 - 18,000

Dimensions Thickness / Feed speed

50x23 Z3	20 mm / 25-32 m/min.
50x38 Z3	30 mm / 20-30 m/min.

MDF

RPM 12,000 - 18,000

Dimensions Thickness / Feed speed

50x23 Z3	20 mm / 20-25 m/min.
50x38 Z3	30 mm / 16-24 m/min.

Dati indicativi / *Datas are indicative only*



TPD02/8

PCD | Z=1

Punte per pantografo per canali - PCD

PCD Router bits for channels

Costruite con corpo in metallo duro HW ad elevata resistenza meccanica. Taglienti saldobrasati in DP. Eseguite con 1 o 2 principi di taglio. Possono eseguire le operazioni di nesting o di contornatura. Indicate per la lavorazione di pannelli truciolari, MDF bilaminici e/o bilaminati su pantografi CNC o punto-punto.

Full carbide HW body with high mechanical resistance. PCD brazed bits. Executed with 1 or 2 cutting principles. Recommended for jointing and nesting operations. Suggested to work on double-layer melamine or bilaminated chipboard or MDF panels on router and CNC machines.

H3 - Z1

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
5	60	10	6X40	1	NEGATIVE	TPD02.05RN.1001	●	AD 264
6	62	12	6X40	1	NEGATIVE	TPD02.06RN.1001	●	AD 297
8	62	12	8X40	1	NEGATIVE	TPD02.08RN.1001	●	AD 297
8	65	15	8X40	1	NEGATIVE	TPD02.08RN.1002	●	AD 353
10	65	15	10X40	1	NEGATIVE	TPD02.10RN.1001	●	AD 353
10	70	20	10X40	1	NEGATIVE	TPD02.10RN.1002	●	AD 443
12	70	20	12X40	1	NEGATIVE	TPD02.12RN.1001	●	AD 443
8	62	12	8X40	1	POSITIVE	TPD02.08RP.1001	●	AD 297
8	65	15	8X40	1	POSITIVE	TPD02.08RP.1002	●	AD 353
10	65	15	10X40	1	POSITIVE	TPD02.10RP.1001	●	AD 353
10	70	20	10X40	1	POSITIVE	TPD02.10RP.1002	●	AD 443
12	70	20	12X40	1	POSITIVE	TPD02.12RP.1001	●	AD 443
8	62	12	8X40	1	0°	TPD02.08RD.1001	●	AD 297
8	65	15	8X40	1	0°	TPD02.08RD.1002	●	AD 353
10	65	15	10X40	1	0°	TPD02.10RD.1001	●	AD 353
10	70	20	10X40	1	0°	TPD02.10RD.1002	●	AD 443
12	70	20	12X40	1	0°	TPD02.12RD.1001	●	AD 443

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

H3 = circa 2-3 affilature | H3 = approx 2-3 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



Punte per pantografo per canali - PCD

PCD Router bits for channels

Costruite con corpo in metallo duro HW ad elevata resistenza meccanica. Taglienti saldobrasati in DP. Eseguite con 1 o 2 principi di taglio. Possono eseguire le operazioni di nesting o di contornatura. Indicate per la lavorazione di pannelli truciolari, MDF bilaminici e/o bilaminati su pantografi CNC o punto-punto.

Full carbide HW body with high mechanical resistance. PCD brazed bits. Executed with 1 or 2 cutting principles. Recommended for jointing and nesting operations. Suggested to work on double-layer melamine or bilaminated chipboard or MDF panels on router and CNC machines.

H3 - Z2

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
5	60	10	6X40	2	NEGATIVE	TPD02.05RN.2001	●	AD 341
6	62	12	6X40	2	NEGATIVE	TPD02.06RN.2001	●	AD 391
8	62	12	8X40	2	NEGATIVE	TPD02.08RN.2001	●	AD 391
8	65	15	8X40	2	NEGATIVE	TPD02.08RN.2002	●	AD 468
10	65	15	10X40	2	NEGATIVE	TPD02.10RN.2001	●	AD 468
10	70	20	10X40	2	NEGATIVE	TPD02.10RN.2002	●	AD 595
12	70	20	12X40	2	NEGATIVE	TPD02.12RN.2001	●	AD 595
8	62	12	8X40	2	POSITIVE	TPD02.08RP.2001	●	AD 391
8	65	15	8X40	2	POSITIVE	TPD02.08RP.2002	●	AD 468
10	65	15	10X40	2	POSITIVE	TPD02.10RP.2001	●	AD 468
10	70	20	10X40	2	POSITIVE	TPD02.10RP.2002	●	AD 595
12	70	20	12X40	2	POSITIVE	TPD02.12RP.2001	●	AD 595
8	62	12	8X40	2	0°	TPD02.08RD.2001	●	AD 391
8	65	15	8X40	2	0°	TPD02.08RD.2002	●	AD 468
10	65	15	10X40	2	0°	TPD02.10RD.2001	●	AD 468
10	70	20	10X40	2	0°	TPD02.10RD.2002	●	AD 595
12	70	20	12X40	2	0°	TPD02.12RD.2001	●	AD 595
8	62	12	8X40	2	POS./NEG.	TPD02.08RV.2001	●	AD 391
8	65	15	8X40	2	POS./NEG.	TPD02.08RV.2002	●	AD 468
10	65	15	10X40	2	POS./NEG.	TPD02.10RV.2001	●	AD 468
10	70	20	10X40	2	POS./NEG.	TPD02.10RV.2002	●	AD 595
12	70	20	12X40	2	POS./NEG.	TPD02.12RV.2001	●	AD 595

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

H3 = circa 2-3 affilature | H3 = approx 2-3 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM 18,000 - 24,000

Dimensions	Thickness / Feed speed	
5x10 Z1	5 mm / 2,5 m/min.	
8x15 Z2	10 mm / 4 m/min.	12 mm / 3 m/min.
12x20 Z2	12 mm / 5 m/min.	15 mm / 4 m/min.

MDF

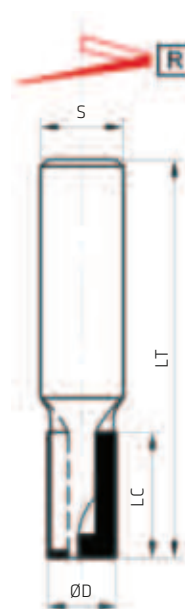
RPM 18,000 - 24,000

Dimensions	Thickness / Feed speed	
5x10 Z1	5 mm / 2 m/min.	
8x15 Z2	10 mm / 3 m/min.	12 mm / 2 m/min.
12x20 Z2	12 mm / 4 m/min.	15 mm / 3 m/min.

Dati indicativi / Datas are indicative only

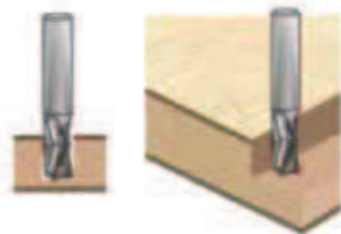
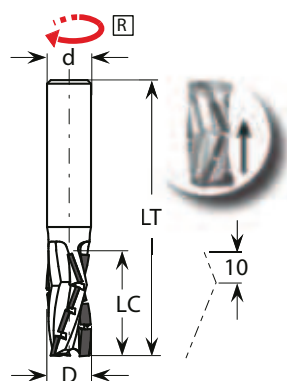
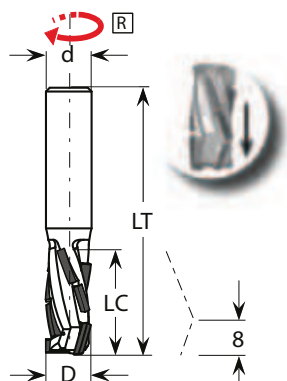
TPD02/8

PCD | Z=2



TPD03/1

PCD | H3 | Z=2/3



Fresa PCD multitaglienti per Nesting - Densimet

PCD cutting router bits for Nesting - Densimet

Costruite con corpo in metallo pesante DENSIMET ad alta resistenza meccanica. Taglienti saldobrasati in DP e a forare in DP. Eseguite con 2/3 principi di taglio e 3 divisioni. Indicate per la lavorazione di pannelli truciolari o in MDF melaminici e/o bilaminati su pantografi CNC o punto-punto. Possono eseguire l'entrata in verticale nel pannello, le operazioni di nesting o contornatura. L'elevata resistenza del corpo permette elevate prestazioni anche con diametri ridotti.

Heavy steel body with high mechanical resistance. PCD brazed bits and PCD plug tip. Executed with 2/3 cutting principles on 3 wing design. Suggested to work chipboard or MDF panels lined with melamine or bilaminated on router and CNC machines. Can vertically enter into the panel, jointing and nesting at high feed speed. The high resistance of the body grants good performances even with small diameter dimensions.

TAGLIENTI | SHARP: 2/3

GEOMETRIA | GEOMETRY: assiale | axial

AVANZAMENTO | FEEDRATE: fino a 12-14 m/min | up to 12-14 m/min

MAX N.GIRI | TURNS N.MAX: fino a 24000 giri/min | up to 24000 Rpm

TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

H3 - Z2/3 - NEGATIVO | NEGATIVE

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
10	70	22	12X45	2/3	8DP+1DP	TPD03.10R3.D001	●	AD 765
10	75	27	12X45	2/3	10DP+1DP	TPD03.10R3.D002	●	AD 1020
12	70	20	12X45	2/3	8DP+1DP	TPD03.12R3.D001	●	AD 765
12	75	27	12X45	2/3	10DP+1DP	TPD03.12R3.D002	●	AD 849
12	80	31	12X45	2/3	11DP+1DP	TPD03.12R3.D003	●	AD 1020
12	85	35	12X45	2/3	13DP+1DP	TPD03.12R3.D004	●	AD 1105
14	70	22	14X45	2/3	8DP+1DP	TPD03.14R3.D001	●	AD 765
14	76	27	14X45	2/3	10DP+1DP	TPD03.14R3.D002	●	AD 849
14	82	32	14X45	2/3	13DP+1DP	TPD03.14R3.D003	●	AD 1359

H3 - Z2/3 - POSITIVO | POSITIVE

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
10	70	22	12X45	2/3	8DP+1DP	TPD03.10R3.D011	●	AD 765
10	75	27	12X45	2/3	10DP+1DP	TPD03.10R3.D012	●	AD 1020
12	70	20	12X45	2/3	8DP+1DP	TPD03.12R3.D011	●	AD 765
12	75	27	12X45	2/3	10DP+1DP	TPD03.12R3.D012	●	AD 849
12	80	31	12X45	2/3	11DP+1DP	TPD03.12R3.D013	●	AD 1020
12	85	35	12X45	2/3	13DP+1DP	TPD03.12R3.D014	●	AD 1105
14	70	22	14X45	2/3	8DP+1DP	TPD03.14R3.D011	●	AD 765
14	76	27	14X45	2/3	10DP+1DP	TPD03.14R3.D012	●	AD 849
14	82	32	14X45	2/3	13DP+1DP	TPD03.14R3.D013	●	AD 1359

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

H3 = circa 2-3 affilature | H3 = approx 2-3 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM 18,000 - 24,000

Dimensions	Thickness / Feed speed	Thickness / Feed speed
12x20	12 mm / 12-14 m/min.	18 mm / 10-12 m/min.
12x35	25 mm / 10-12 m/min.	30 mm / 8-10 m/min.

MDF

RPM 18,000 - 24,000

Dimensions	Thickness / Feed speed	Thickness / Feed speed
12x20	12 mm / 10-12 m/min.	18 mm / 8-10 m/min.
12x35	25 mm / 8-10 m/min.	30 mm / 6-8 m/min.

Dati indicativi / Datas are indicative only

Fresa PCD multitaglianti per Nesting - Densimet - Serie Plus

PCD cutting router bits for Nesting - Densimet - Plus series

Serie PLUS per alte prestazioni. Costruite con corpo in metallo pesante DENSIMET ad alta resistenza meccanica. Taglienti saldobrasati in DP e a forare in DP. Eseguite con 3 principi di taglio e 3 divisioni. Indicate per la lavorazione di pannelli truciolari o in MDF melaminici e/o bilaminati su pantografi CNC o punto-punto. Possono eseguire l'entrata in verticale nel pannello, le operazioni di nesting o contornatura. L'elevata resistenza del corpo permette elevate prestazioni anche con diametri ridotti.

PLUS Series for high performance levels. Heavy steel body with high mechanical resistance. PCD brazed bits and PCD plug tip. Executed with 3 cutting principles on 3 wing design. Suggested to work chipboard or MDF panels lined with melamine or bilaminated on router and CNC machines. Can vertically enter into the panel, jointing and nesting at high feed speed. The high resistance of the body grants good performances even with small diameter dimensions.

TAGLIENTI | SHARP: 3

GEOMETRIA | GEOMETRY: assiale | axial

AVANZAMENTO | FEEDRATE: fino a 12-14 m/min | up to 12-14 m/min

MAX N.GIRI | TURNS N.MAX: fino a 24000 giri/min | up to 24000 Rpm

TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

H3 - Z3

Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
12	72	22	12X45	3	7DP+1DP	TPD03.12R3.DP01	●	AD 856
12	78	28	12X45	3	9DP+1DP	TPD03.12R3.DP02	●	AD 1088
12	82	38	12X45	3	12DP+1DP	TPD03.12R3.DP03	●	AD 1240
14	92	42	14X45	3	13DP+1DP	TPD03.14R3.DP01	●	AD 1373

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

H3 = circa 2-3 affilature | H3 = approx 2-3 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM 18,000 - 24,000

Dimensions	Thickness / Feed speed	Thickness / Feed speed
12x20	12 mm / 12-14 m/min.	18 mm / 10-12 m/min.
12x35	25 mm / 10-12 m/min.	30 mm / 8-10 m/min.

MDF

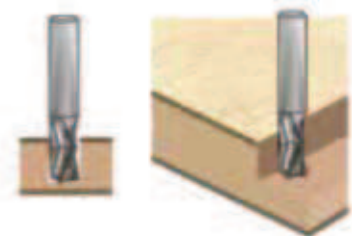
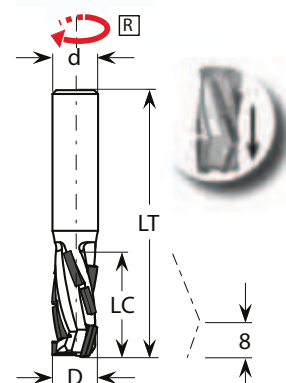
RPM 18,000 - 24,000

Dimensions	Thickness / Feed speed	Thickness / Feed speed
12x20	12 mm / 10-12 m/min.	18 mm / 8-10 m/min.
12x35	25 mm / 8-10 m/min.	30 mm / 6-8 m/min.

Dati indicativi / Datas are indicative only

TPD03/2

PCD | H3 | Z=3



TPD03/3

PCD | H3 | Z=2/3



Fresa PCD multitaglienti per Nesting - Densimet - Serie Titanium PCD cutting router bits for Nesting - Densimet - Titanium series

Serie TITANIUM per alte prestazioni. Costruite con corpo in metallo pesante DENSIMET ad alta resistenza meccanica. Taglienti saldobrasati in DP e a forare in DP. Eseguite con 3 principi di taglio e 3 divisioni. Indicate per la lavorazione di pannelli truciolari o in MDF melaminici e/o bilaminati su pantografi CNC o punto-punto. Possono eseguire l'entrata in verticale nel pannello, le operazioni di nesting o contornatura. L'elevata resistenza del corpo permette elevate prestazioni anche con diametri ridotti.

TITANIUM Series for high performance levels. Heavy steel body with high mechanical resistance. PCD brazed bits and PCD plug tip. Executed with 3 cutting principles on 3 wing design. Suggested to work chipboard or MDF panels lined with melamine or bilaminated on router and CNC machines. Can vertically enter into the panel, jointing and nesting at high feed speed. The high resistance of the body grants good performances even with small diameter dimensions.

TAGLIENTI | SHARP: 3

GEOMETRIA | GEOMETRY: assiale | axial

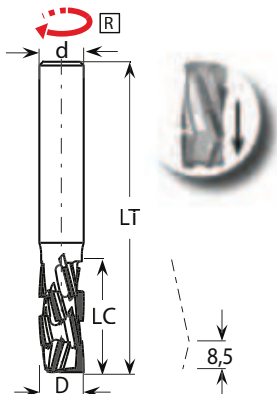
AVANZAMENTO | FEEDRATE: fino a 18-20 m/min | up to 18-20 m/min

MAX N.GIRI | TURNS N.MAX: fino a 24000 giri/min | up to 24000 RpM

TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

H3 - Z3



Ø D [mm]	LT [mm]	LC [mm]	S [mm]	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
12	85	24	12X45	3	9DP+1DP	TPD03.12R3.DT01	●	AD 994
12	90	28	12X45	3	12DP+1DP	TPD03.12R3.DT02	●	AD 1271
12	95	34	12X45	3	15DP+1DP	TPD03.12R3.DT03	●	AD 1602
14	85	24	14X45	3	9DP+1DP	TPD03.14R3.DT01	●	AD 1067
14	95	34	14X45	3	15DP+1DP	TPD03.14R3.DT02	●	AD 1673

Altre misure e rotazione SX disponibili su richiesta | Other dimensions and LH rotation available on request

H3 = circa 2-3 affilature | H3 = approx 2-3 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM 24,000

Dimensions	Thickness / Feed speed	Thickness / Feed speed
12x24	18 mm / 18-20 m/min.	
12x28	18 mm / 18-20 m/min.	22 mm / 16-18 m/min.
14x34	18 mm / 19-21 m/min.	28 mm / 18-19 m/min.

MDF

RPM 24,000

Dimensions	Thickness / Feed speed	Thickness / Feed speed
12x24	18 mm / 14-17 m/min.	
12x28	18 mm / 14-17 m/min.	22 mm / 12-14 m/min.
14x34	18 mm / 15-18 m/min.	28 mm / 12-14 m/min.

Dati indicativi / Datas are indicative only

VERTIGO - Ghiera aspirante a doppia azione

- Double blast turbine

Ghiera aspirante VERTIGO, l'unica con doppia azione: aspirazione e flusso inverso. Rimuove il 90% del truciolo e della polvere dal piano di lavoro e permette all'operatore di lavorare in un ambiente perfettamente pulito. Facile da usare, si monta e smonta come una classica ghiera. Adatto per lavorazioni di nesting, contornatura e profilatura. Può essere posizionato da 3 a 25 mm dal piano di lavoro mantenendo un'ottima resa. Disponibili nelle versioni per ghiera ER25, ER32, ER40 o a richiesta per attacchi speciali. Consente l'uso di utensili vari: elicoidali e sagomati. Rivestita con una speciale protezione ceramica con proprietà anticorrosive, antiabrasione e antistatiche.

VERTIGO turbine generates an air-compressed blast, which removes the residue amount of material from inside of any groove. Generates a vacuum which removes 90% of chips and dust and it allows the operator to work in a perfectly clean. Easy to use, mounts and disassemble as a classic ring. Suitable for nesting operations, contouring and profiling. It can be placed from 3 to 25 mm from the worktop by maintaining an excellent performance. Available in versions for ER25 rings, ER32, ER40, or on request for special attacks. Allows the use of various tools: helical and shaped. Coated with a special protection ceramics with anti-corrosive properties, abrasion resistant and antistatic.

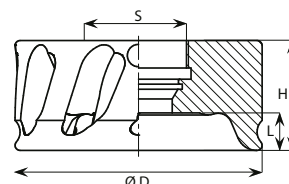
TAH05/1

ER25/ER32/ER40/EOC25



Ø D [mm]	L [mm]	H [mm]	S	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
80	15	44	ER25	TAH05.R25V.080R	●	AD 1075
100	15	44	ER25	TAH05.R25V.100R	●	AD 1075
80	15	44	ER32	TAH05.R32V.080R	●	AD 1075
100	15	44	ER32	TAH05.R32V.100R	●	AD 1075
80	15	44	ER40	TAH05.R40V.080R	●	AD 1075
100	15	44	ER40	TAH05.R40V.100R	●	AD 1075
80	15	44	EOC25	TAH05.C25V.080R	●	AD 1075
100	15	44	EOC25	TAH05.C25V.100R	●	AD 1075

Articoli con rotazione SX disponibili su richiesta | Article with LH rotation available on request
 ● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

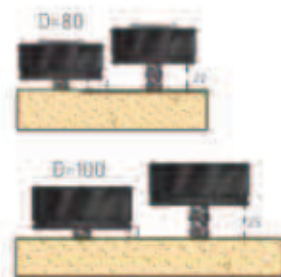


Ø 80 - max RPM min⁻¹ 24,000

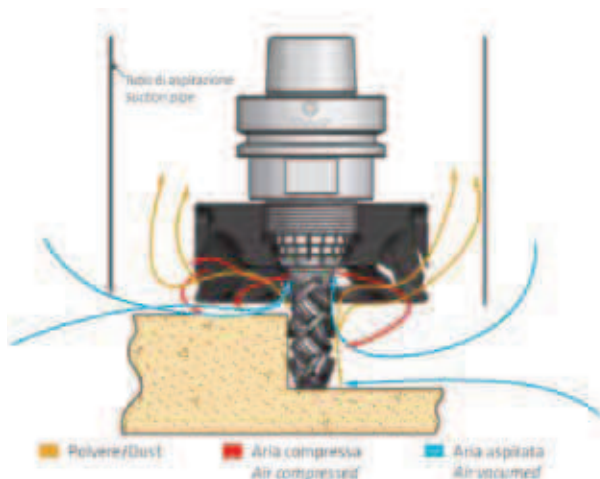
Ø Utensile / Tool	Profondità lavoraz. / Machining depth working
6 mm	20 mm
8 mm	25 mm
10 mm	25 mm
12 mm	30 mm
16 mm	40 mm
20 mm	45 mm

Ø 100 - max RPM min⁻¹ 21,000

Ø Utensile / Tool	Profondità lavoraz. / Machining depth working
6 mm	25 mm
8 mm	30 mm
10 mm	30 mm
12 mm	35 mm
16 mm	45 mm
20 mm	50 mm



Dati indicativi | Datas are indicative only



Esempio assemblaggio
Assembling example



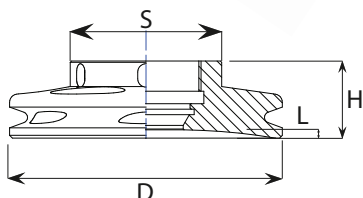
TAH05/2

ER25/ER32/ER40

VERTIGO^{ZERO} - Ghiera aspirante a doppia azione - Double blast turbine

Ghiera aspirante VERTIGO^{ZERO}, l'unica con doppia azione: aspirazione e flusso inverso. Rimuove il 90% del truciolo e della polvere dal piano di lavoro e permette all'operatore di lavorare in un ambiente perfettamente pulito. Facile da usare, si monta e smonta come una classica ghiera. Adatto per lavorazioni di nesting, contornatura e profilatura. Può essere posizionato da 3 a 25 mm dal piano di lavoro mantenendo un'ottima resa. Disponibili nelle versioni per ghiera ER25, ER32, ER40 o a richiesta per attacchi speciali. Consente l'uso di utensili vari: elicoidali e sagomati. Rivestita con una speciale protezione ceramica con proprietà anticorrosive, antiabrasione e antistatiche.

VERTIGO^{ZERO} turbine generates an air-compressed blast, which removes the residue amount of material from inside of any groove. Generates a vacuum which removes 90% of chips and dust and it allows the operator to work in a perfectly clean. Easy to use, mounts and disassemble as a classic ring. Suitable for nesting operations, contouring and profiling. It can be placed from 3 to 25 mm from the worktop by maintaining an excellent performance. Available in versions for ER25 rings, ER32, ER40, or on request for special attacks. Allows the use of various tools: helical and shaped. Coated with a special protection ceramics with anti-corrosive properties, abrasion resistant and antistatic.



Ø D [mm]	L [mm]	H [mm]	S	Codice DX / Code RH	Disp./ Avail.	Cod. listino / Price code
100	15	40	ER32	TAH05.R32Z.100R	●	AD 1437
100	15	40	ER40	TAH05.R40Z.100R	●	AD 1437
100	15	40	E0C25	TAH05.C25Z.100R	●	AD 1437
100	15	40	*E0C25 HRS	TAH05.C25X.100R	●	AD 1437

* Sistema da utilizzare esclusivamente su nostro attacco HSK63F per alte velocità | System usable only with our HRS high rotation speed chuck HSK63F

A richiesta disponibile sistema esclusivo da abbinare a cono HSK63F a calettamento termico | On request available exclusive system to be combined with Thermal shrinking chuck HSK63F

Articoli con rotazione SX disponibili su richiesta | Article with LH rotation available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

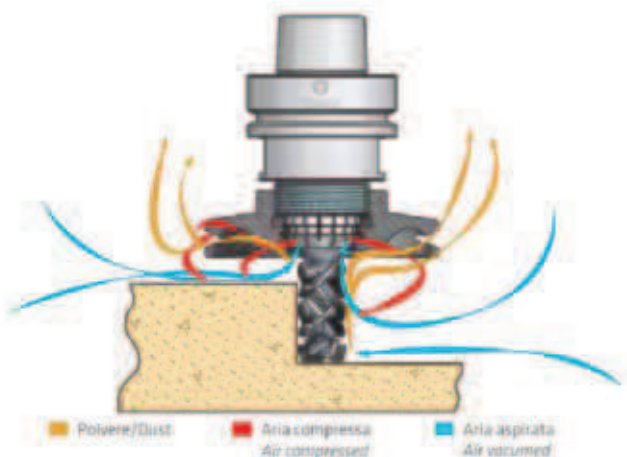
Ø 100 - max RPM min⁻¹ 24,000*

Ø Utensile / Tool	Profondità lavoraz. / Machining depth working
6 mm	25 mm
8 mm	30 mm
10 mm	30 mm
12 mm	35 mm
16 mm	45 mm
20 mm	50 mm

Dati indicativi | Datas are indicative only

* con attacco HSK63F HRS max RPM min⁻¹ 30,000 |

* with chuck HSK63F HRS max RPM min⁻¹ 30,000



Punta per foratrice - Foro per cerniere con rasanti raggiati - PCD

PCD Drills for boring machines - Hole for hinges with radius spurs

Queste punte cerniera vengono usualmente impiegate nella lavorazione dei pannelli per la lavorazione di foratura, trovano impiego nelle lavorazioni dei più frequenti materiali di derivazione del legno quali compensati, multistrati, pannelli grezzi di truciolare e mdf (anche rivestiti in pvc, melamina, carta) HPL. Il loro utilizzo va dai più semplici pantografi cnc a tutte le foratrici orizzontali, verticali, o in linea. Il loro metodo di utilizzo è lo stesso della medesima punta in hw. Indicate per la foratura verticale, rotazione destra o sinistra. Attacco cilindrico con piano di fissaggio e vite di regolazione assiale.

These tips hinge are usually used in the processing of the panels for the processing of drilling, are used in the processing of more frequent derived materials of wood such as plywood, chipboard, particle board and MDF raw panels (also coated in PVC, melamine, paper) HPL. Their use must be by the most 'simple pantographs cnc drilling in all horizontal, vertical, or online. Their method of use, and the tip of the same hw. Indicated for vertical boring, right or left rotation. Cylindrical coupling with fixing plane and axial adjusting screw. The drills for boring machines in the table are also available with the 2 in-depth cutting edges equipped with chipbreaker. Indicated for vertical boring, right or left rotation. Cylindrical coupling with fixing plane and axial adjusting screw.

GEOMETRIA | GEOMETRY: assiale | axial

AVANZAMENTO | FEEDRATE: standard | standard

MAX N.GIRI | TURNS N.MAX: fino a 6000 giri/min | up to 6000 RpM

ALTEZZA DIAMANTE | DIAMOND HEIGHT: 3

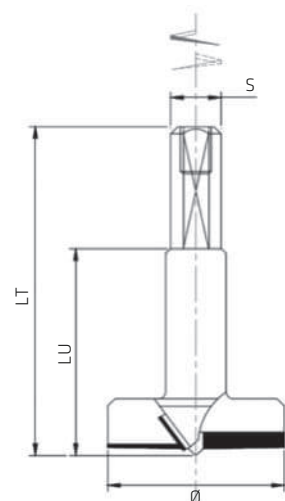
TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

NOTA | NOTE: disponibile anche su attacco speciale | also available on special attack

TPD04/1

PCD | Z=2+2



H3 - LT 57,5 mm

Ø D (mm)	LT (mm)	LU (mm)	S (mm)	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Codice SX / Code LH	Disp./ Avail.	Cod. listino / Price code
15	57,5	32	10x25	2+2	2DP+2R DP	TPD04.1558.R001	●	TPD04.1558.L001	●	AD 598
20	57,5	32	10x25	2+2	2DP+2R DP	TPD04.2058.R001	●	TPD04.2058.L001	●	AD 606
25	57,5	32	10x25	2+2	2DP+2R DP	TPD04.2558.R001	●	TPD04.2558.L001	●	AD 615
30	57,5	32	10x25	2+2	2DP+2R DP	TPD04.3058.R001	●	TPD04.3058.L001	●	AD 622
35	57,5	32	10x25	2+2	2DP+2R DP	TPD04.3558.R001	●	TPD04.3558.L001	●	AD 630

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

H3 - LT 70 mm

Ø D (mm)	LT (mm)	LU (mm)	S (mm)	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Codice SX / Code LH	Disp./ Avail.	Cod. listino / Price code
15	70	45	10x25	2+2	2DP+2R DP	TPD04.1570.R001	●	TPD04.1570.L001	●	AD 598
20	70	45	10x25	2+2	2DP+2R DP	TPD04.2070.R001	●	TPD04.2070.L001	●	AD 606
25	70	45	10x25	2+2	2DP+2R DP	TPD04.2570.R001	●	TPD04.2570.L001	●	AD 615
30	70	45	10x25	2+2	2DP+2R DP	TPD04.3070.R001	●	TPD04.3070.L001	●	AD 622
35	70	45	10x25	2+2	2DP+2R DP	TPD04.3570.R001	●	TPD04.3570.L001	●	AD 630

Altre misure disponibili su richiesta | Other dimensions available on request

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Pannello truciolare / Chipboard

RPM	Avanz. / Feed speed
3000	1,0 m/min.
4000	1,5 m/min.
5000	1,8 m/min.
6000	2,0 m/min.

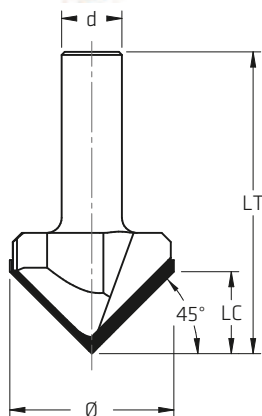
MDF

RPM	Avanz. / Feed speed
3000	0,7 m/min.
4000	1,0 m/min.
5000	1,2 m/min.
6000	1,6 m/min.

Dati indicativi | Datas are indicative only

TPD04/2

PCD | H4 | Z=2



Fresa PCD per folding e scanalature a V PCD router bits for folding and V-grooves

Ottenute da acciaio di elevata resistenza meccanica. Con taglienti DP e attacco rettificato. Da montare su pantografi CNC o tradizionali. Indicate per fresature a V o operazioni di folding. Adatte per lavorazioni su pannelli MDF truciolari, laminati e simili.

Obtained from steel with a high mechanical resistance. With PCD cutting edge. Use on CNC or standard and nesting router machines. Indicated for planning MDF panels.

TAGLIENTI | SHARP: 2

AVANZAMENTO | FEEDRATE: fino a 12 m/min | up to 12 m/min

MAX N.GIRI | TURNS N.MAX: fino a 15000 giri/min | up to 15000 Rpm

ALTEZZA DIAMANTE | DIAMOND HEIGHT: 4

TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

H4 - Z2

Ø D (mm)	LT (mm)	LC (mm)	S (mm)	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Codice SX / Code LH	Disp./ Avail.	Cod. listino / Price code
55	100	27	20x50	2	2DP	TPD04.02R4.2001	●	TPD04.02L4.2001	●	AD 1087
55	100	27	25x50	2	2DP	TPD04.02R4.2002	●	TPD04.02L4.2002	●	AD 1087

Altre misure disponibili su richiesta | Other dimensions available on request

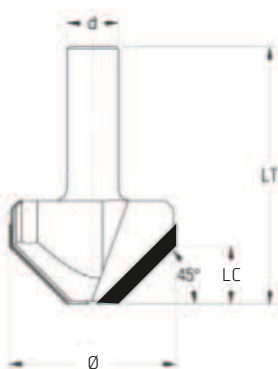
H4 = circa 4-6 affilature | Approx 4-6 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3



TPD04/3

PCD | H4 | Z=2



Fresa PCD per folding e scanalature a V PCD router bits for folding and V-grooves

Ottenute da acciaio di elevata resistenza meccanica. Con taglienti DP e attacco rettificato. Da montare su pantografi CNC o tradizionali. Indicate per fresature a V o operazioni di folding. Adatte per lavorazioni su pannelli MDF truciolari, laminati e simili.

Obtained from steel with a high mechanical resistance. With PCD cutting edge. Use on CNC or standard and nesting router machines. Indicated for planning MDF panels.

TAGLIENTI | SHARP: 2

AVANZAMENTO | FEEDRATE: fino a 12 m/min | up to 12 m/min

MAX N.GIRI | TURNS N.MAX: fino a 15000 giri/min | up to 15000 Rpm

ALTEZZA DIAMANTE | DIAMOND HEIGHT: 4

TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

H4 - Z2

Ø D (mm)	LT (mm)	LC (mm)	S (mm)	Z	Z tot.	Codice DX / Code RH	Disp./ Avail.	Codice SX / Code LH	Disp./ Avail.	Cod. listino / Price code
75	100	27	20x50	2	2DP	TPD04.03R4.2001	●	TPD04.03L4.2001	●	AD 1170
75	100	27	25x50	2	2DP	TPD04.03R4.2002	●	TPD04.03L4.2002	●	AD 1170

Altre misure disponibili su richiesta | Other dimensions available on request

H4 = circa 4-6 affilature | Approx 4-6 times sharpening

● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Punta PCD sagomata per guide in alluminio e sede maniglia

PCD router bits for aluminium T-slot and handle slot

Costruite con corpo in acciaio di elevata resistenza meccanica. Con Z=2 o Z=2+1 taglienti saldobrasati in DP. Indicate per eseguire scanalature a T su truciolare e mdf con melamina per l'inserimento di profili in alluminio su macchine pantografi e CNC.

Steel body with high mechanical resistance. With Z=2 or Z=2+1 DP brazed bits. Suggested to execute T-slot grooving on mdf and chipboard coated melamine. working on CNC machines.

TAGLIENTI | SHARP: 2, 2+1

MAX N.GIRI | TURNS N.MAX: fino a 20000 giri/min | up to 20000 Rpm

ALTEZZA DIAMANTE | DIAMOND HEIGHT: 4

TAGLIENTI A FORARE | SHARP DRILLING: PCD

TOLLERANZA CODOLO | TANG TOLERANCE: H7

H4 - Z2

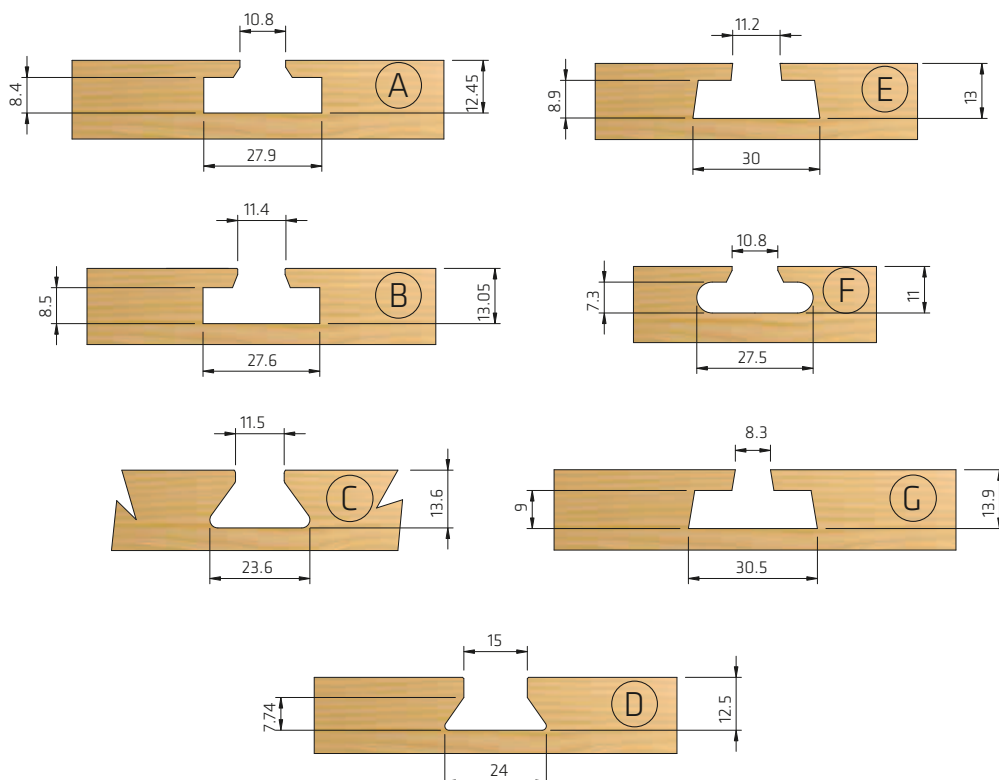
Ø D [mm]	LT [mm]	LU [mm]	S [mm]	Tipo / Type	Z	Z tot.	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
27,9	75	12,5	20x50	A	2+1	3DP	TPD04.04R4.A001	●	AD 1105
27,6	75	13,1	20x50	B	2+1	3DP	TPD04.04R4.B001	●	AD 1105
23,6	75	13,6	20x50	C	2	2DP	TPD04.04R4.C001	●	AD 1105
24	75	12,5	20x50	D	2	2DP	TPD04.04R4.D001	●	AD 1105
30	75	13	20x50	E	2+1	3DP	TPD04.04R4.E001	●	AD 1105
30,5	75	11	20x50	F	2+1	3DP	TPD04.04R4.F001	●	AD 1105
27,5	75	13,9	20x50	G	2+1	3DP	TPD04.04R4.G001	●	AD 1105

Altre misure disponibili su richiesta | Other dimensions available on request

H4 = circa 4-6 affilature | Approx 4-6 times sharpening

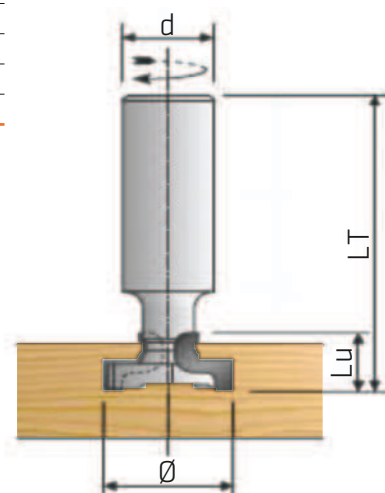
● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

Tipologie di profili | Profiles type



TPD04/4

PCD | H4 | Z=2 | Z=2+1



A large, light gray, stylized graphic of a person running or jumping, overlaid on a background of horizontal lines, suggesting a notebook or a page for notes.



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