

GLOBALTOOLS

— *Endless possibilities*

HW Router bits Line

Linea Frese Elicoidali in HW

DESIGNED & PRODUCED
IN ITALY



TWT
HIGH TECH TOOLS



HW Router bits

Frese elicoidali HW

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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 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

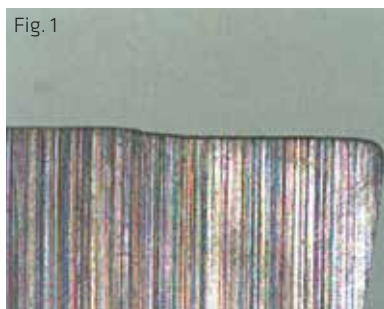
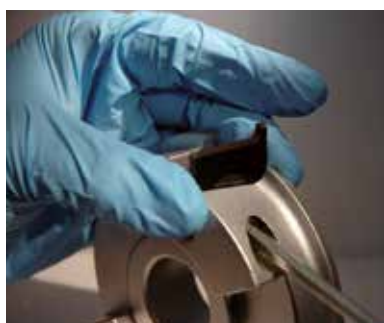
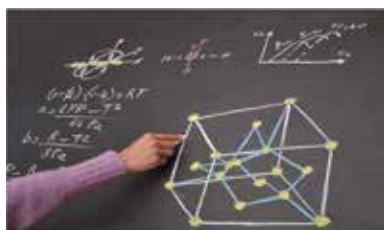


Fig. 2



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).

Perchè 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.

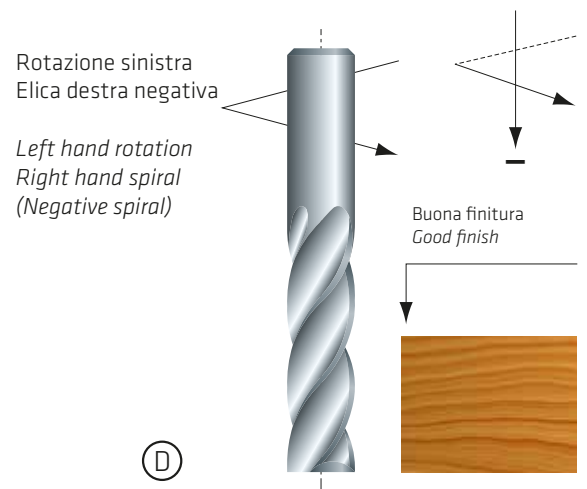
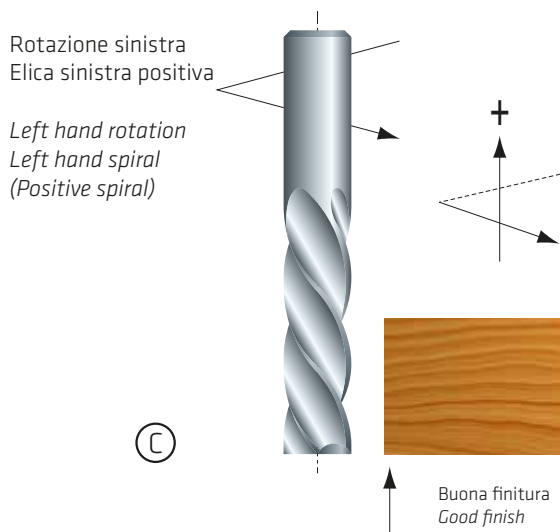
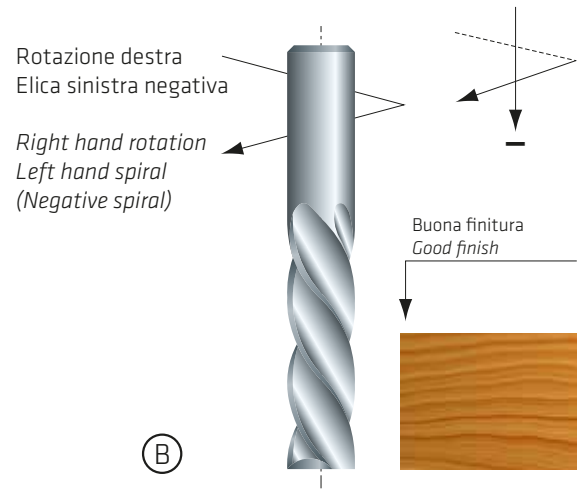
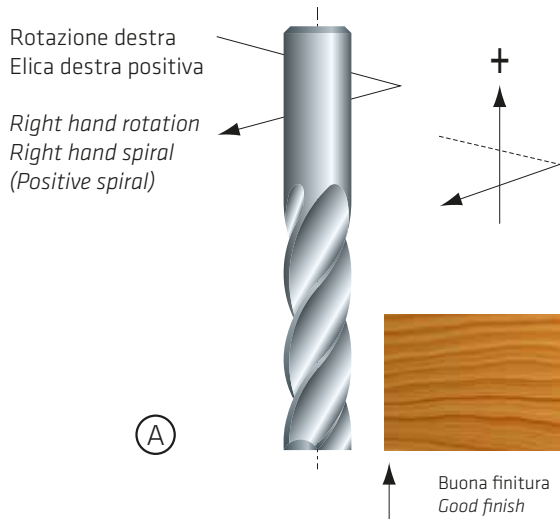
I benefici di NaDia | NaDia benefits

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.

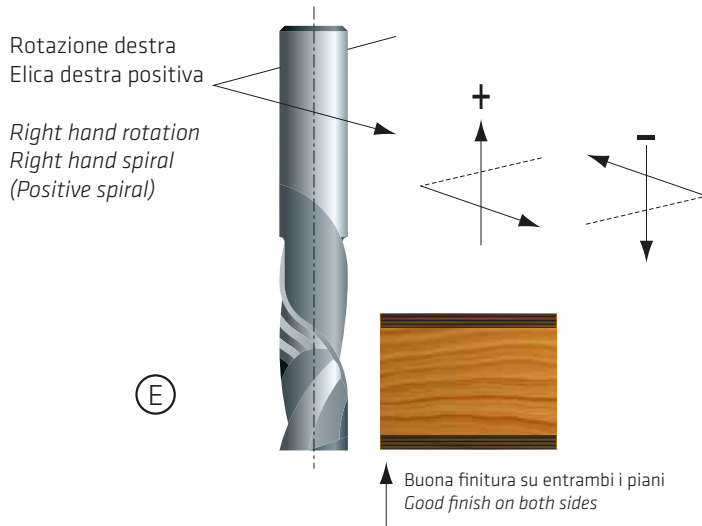
Many are the benefits of NaDia treatment: it goes from a longer life and better finish with a very low friction coefficient to a drastic reduction in maintenance and inserts/knives changes. In this way the machine stops are considerably reduced. The yield of the cutting edge exceeds 250% by 300%, thus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

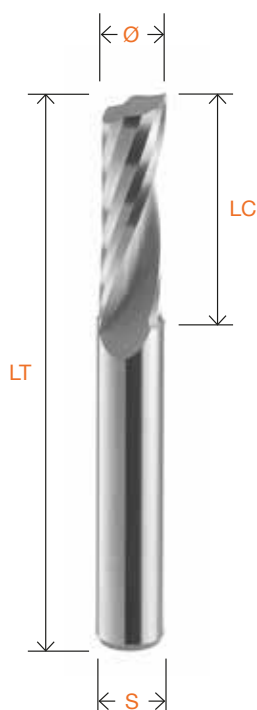


(FSV)



TPF07/1

HW | Z=1



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.

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Esempio di lavorazione: pag. 6
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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	TPF07.03PR.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.	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

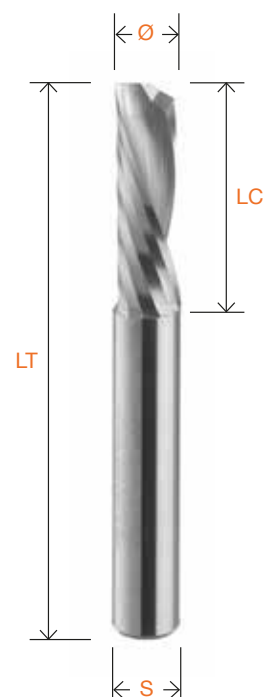
HW spiral bits z:1 downcut

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				NaDia		
					Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	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

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z				NaDia		
					Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	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

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Esempio d'impiego: pag. 6
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Esempio di lavorazione: pag. 6
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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

TPF07/3

HW | Z=1



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

Esempio di lavorazione: pag. 6 | 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



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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

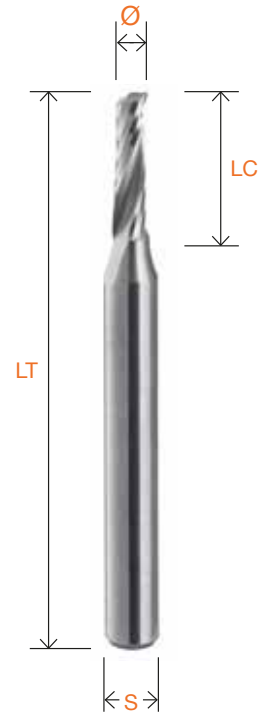
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	60	6	1	TPF07.02PL.1003	●	AS 1022	TPN07.02PL.1003	●	AS 1271
3	12	60	6	1	TPF07.03PL.1002	●	AS 975	TPN07.03PL.1002	●	AS 1223
4	15	60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

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 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

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

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

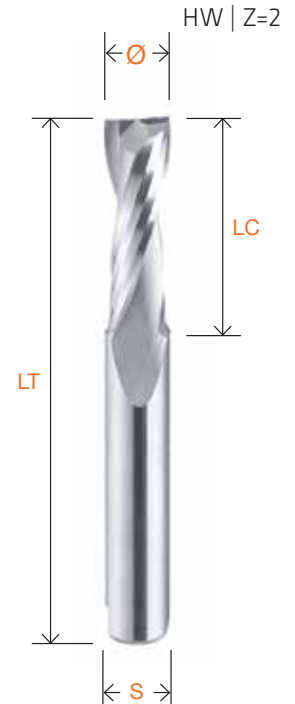
Fresa HW z:2 elica positiva

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				NaDia		
					Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	Codice DX / Code RH	Disp. / Avail.	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				NaDia		
					Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	Codice SX / Code LH	Disp. / Avail.	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

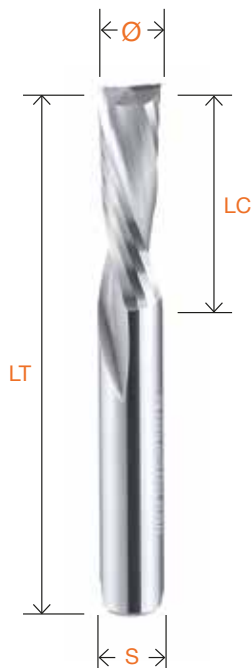
Altre misure disponibili su richiesta | Other dimensions available on request
 Minimo d'ordine 2 pz / Minimum order quantity 2 pcs
 ● ● ● Per disponibilità vedi pag. 3 | For availability see page 3

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

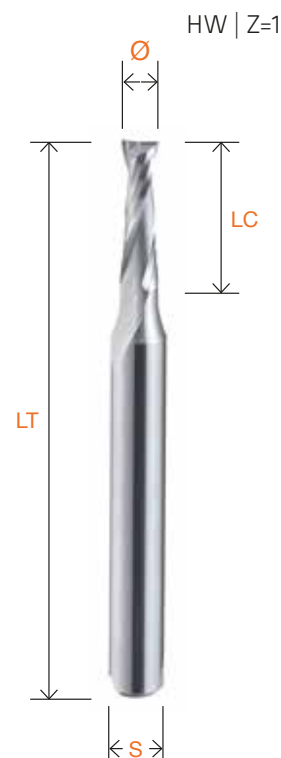
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	TPF07.03NL.2002	●	AS 1025	TPN07.03NL.2002	●	AS 1274
4	15	60	6	2	TPF07.04NL.2002	●	AS 1045	TPN07.04NL.2002	●	AS 1293
5	17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



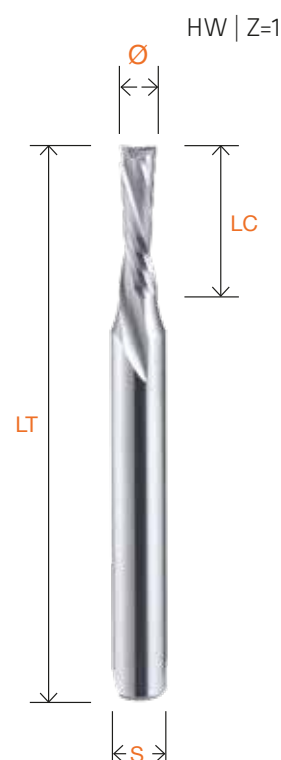
Esempio d'impiego: pag. 6 | Router application: page 6



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



TPF07/12



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



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



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

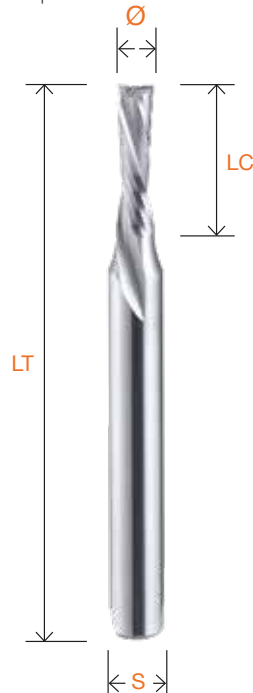
Altre misure disponibili su richiesta | Other dimensions available on request

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

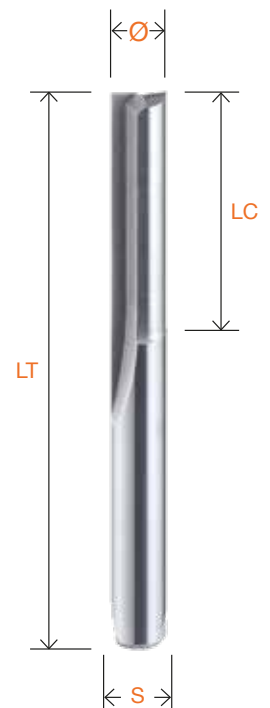
HW straight BITS z:2

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



LEGNO / WOOD

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

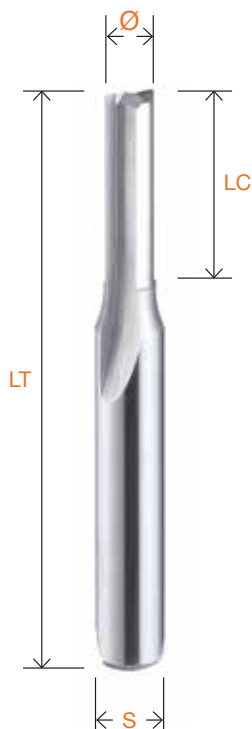
Altre misure disponibili su richiesta | Other dimensions available on request

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

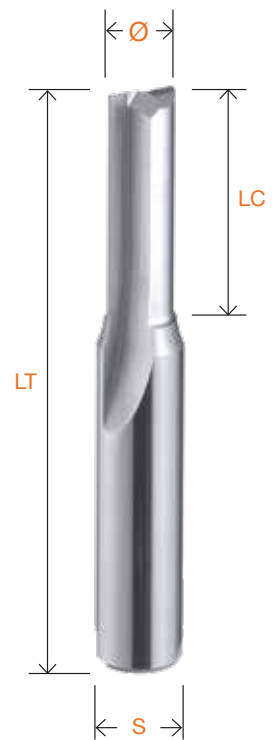
HW straight bits z:2 - shank Ø 10

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.

TPF07/18

HW | Z=2



LEGNO / WOOD

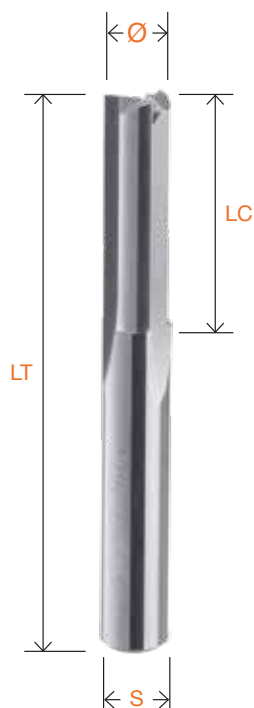
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
5	20	60	10	2	TPF07.05DR.2003	●	AS 1500	TPN07.05DR.2003	●	AS 1749
6	22	60	10	2	TPF07.06DR.2006	●	AS 1480	TPN07.06DR.2006	●	AS 1729
6	27	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

TPF07/19

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.

TPF07/20

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				NaDia		
					Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	Codice DX / Code RH	Disp. / Avail.	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				NaDia		
					Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	Codice SX / Code LH	Disp. / Avail.	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

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.)

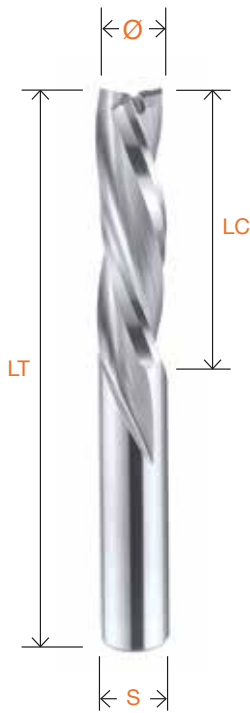
HPL - 18.000 - 24.000 RPM

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)

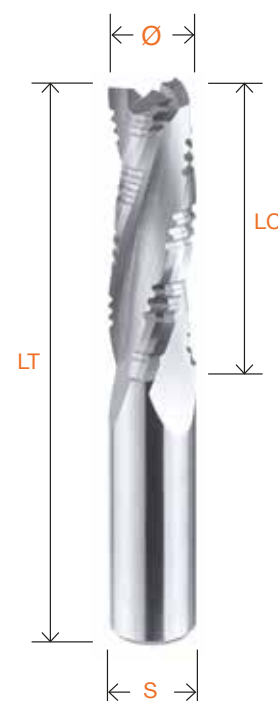
HW spiral bits z:3 upcut shank (finishing - roughing)

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



LEGGI / WOOD

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

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	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

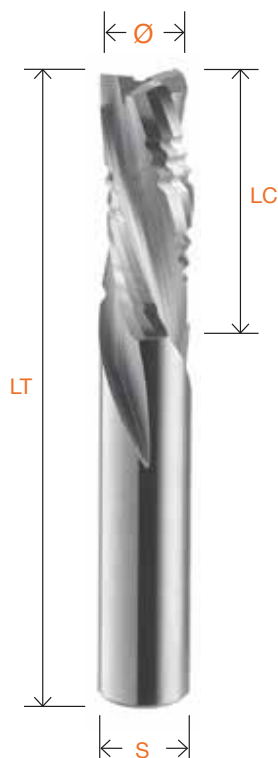
Altre misure disponibili su richiesta | Other dimensions available on request

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

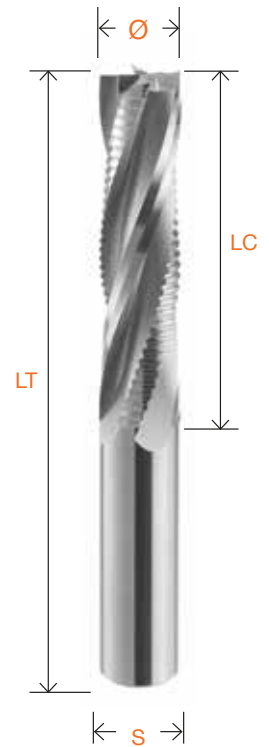
HW spiral bits z:2+2 rtg upcut

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.*

TPF07/24

HW | Z=2+2



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				NaDia		
					Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	Codice DX / Code RH	Disp. / Avail.	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				NaDia		
					Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	Codice SX / Code LH	Disp. / Avail.	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

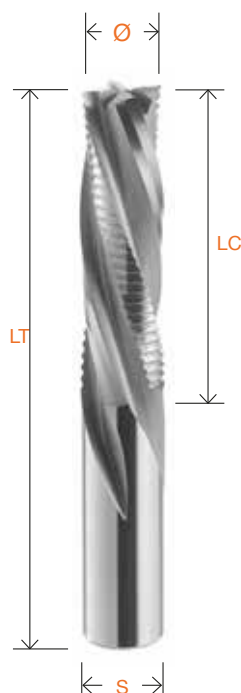
Altre misure disponibili su richiesta | Other dimensions available on request

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

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

TPF07/25

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

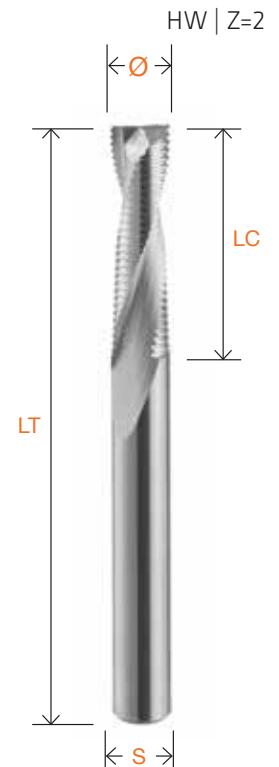
Fresa HW z:2 rtf elica positiva rtf = passo 1 mm

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.

TPF08/1



LEGNO / WOOD

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH		NaDia			
						Disp. / Avail.	Cod. listino / Price code	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 | (A) (C)

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		NaDia			
						Disp. / Avail.	Cod. listino / Price code	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.)

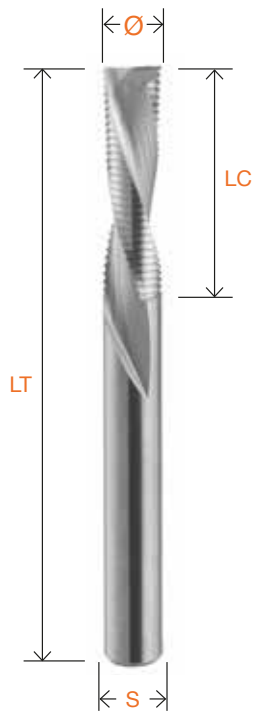
HPL - 18.000 - 24.000 RPM

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



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

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)	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

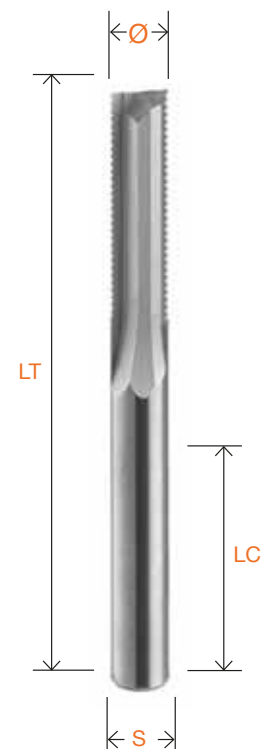
HW straight bits z:2 rtf - rtf = pitch 1 mm

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



LEGGI / WOOD

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH		NaDia			
						Disp. / Avail.	Cod. listino / Price code	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		NaDia			
						Disp. / Avail.	Cod. listino / Price code	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

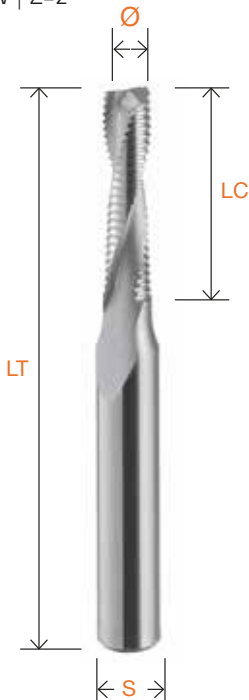
Altre misure disponibili su richiesta | Other dimensions available on request

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.	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.	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 1763

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.	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.	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.	NaDia 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.	NaDia 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.	NaDia 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.	NaDia 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

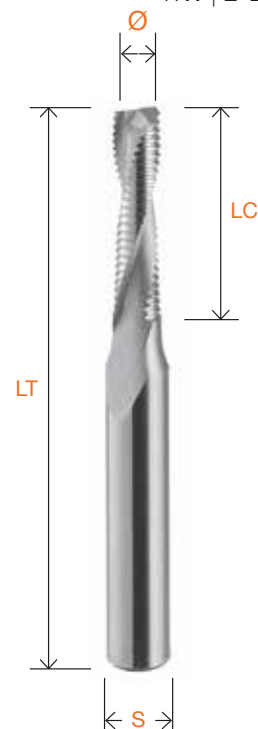
Altre misure disponibili su richiesta | Other dimensions available on request

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 6Esempio 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

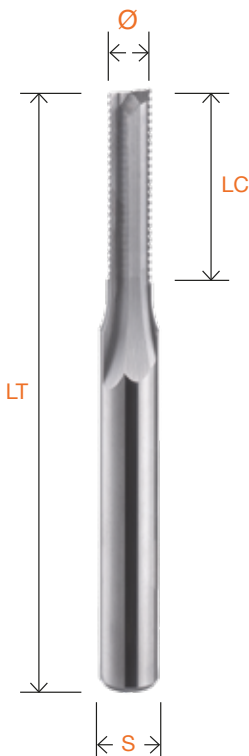
Altre misure disponibili su richiesta | Other dimensions available on request

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.*

TPF08/10

HW | Z=3



LEGNO / WOOD

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Rtf Z (mm)	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia	
								Codice DX / Code RH	Disp. / Avail.
6	22	60	6	3	TPF08.06PR.X001	●	AS 1249	TPN08.06PR.X001	●
6	27	65	6	3	TPF08.06PR.X002	●	AS 1464	TPN08.06PR.X002	●
8	25	70	8	3	TPF08.08PR.X001	●	AS 1494	TPN08.08PR.X001	●
8	32	80	8	3	TPF08.08PR.X002	●	AS 1721	TPN08.08PR.X002	●
8	42	90	8	3	TPF08.08PR.X003	●	AS 2123	TPN08.08PR.X003	●
10	32	80	10	3	TPF08.10PR.X001	●	AS 2165	TPN08.10PR.X001	●
10	42	100	10	3	TPF08.10PR.X002	●	AS 2715	TPN08.10PR.X002	●
10	52	100	10	3	TPF08.10PR.X003	●	AS 3229	TPN08.10PR.X003	●
12	32	80	12	3	TPF08.12PR.X001	●	AS 2623	TPN08.12PR.X001	●
12	42	100	12	3	TPF08.12PR.X002	●	AS 3187	TPN08.12PR.X002	●
12	52	100	12	3	TPF08.12PR.X003	●	AS 3564	TPN08.12PR.X003	●
14	42	100	14	3	TPF08.14PR.X001	●	AS 3908	TPN08.14PR.X001	●
14	52	100	14	3	TPF08.14PR.X002	●	AS 4341	TPN08.14PR.X002	●
16	42	100	16	3	TPF08.16PR.X001	●	AS 4709	TPN08.16PR.X001	●
16	52	100	16	3	TPF08.16PR.X002	●	AS 5056	TPN08.16PR.X002	●
16	72	120	16	3	TPF08.16PR.X003	●	AS 6349	TPN08.16PR.X003	●
18	52	100	18	3	TPF08.18PR.X001	●	AS 5922	TPN08.18PR.X001	●
18	72	130	18	3	TPF08.18PR.X002	●	AS 7478	TPN08.18PR.X002	●
20	52	100	20	3	TPF08.20PR.X001	●	AS 7081	TPN08.20PR.X001	●
20	72	130	20	3	TPF08.20PR.X002	●	AS 8880	TPN08.20PR.X002	●
20	85	150	20	3	TPF08.20PR.X003	●	AS 10237	TPN08.20PR.X003	●
20	102	160	20	3	TPF08.20PR.X004	●	AS 11737	TPN08.20PR.X004	●

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 Z (mm)	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia	
								Codice SX / Code LH	Disp. / Avail.
6	22	60	6	3	TPF08.06PL.X001	●	AS 1372	TPN08.06PL.X001	●
6	27	65	6	3	TPF08.06PL.X002	●	AS 1612	TPN08.06PL.X002	●
8	25	70	8	3	TPF08.08PL.X001	●	AS 1645	TPN08.08PL.X001	●
8	32	80	8	3	TPF08.08PL.X002	●	AS 1891	TPN08.08PL.X002	●
8	42	90	8	3	TPF08.08PL.X003	●	AS 2335	TPN08.08PL.X003	●
10	32	80	10	3	TPF08.10PL.X001	●	AS 2380	TPN08.10PL.X001	●
10	42	100	10	3	TPF08.10PL.X002	●	AS 2986	TPN08.10PL.X002	●
10	52	100	10	3	TPF08.10PL.X003	●	AS 3550	TPN08.10PL.X003	●
12	32	80	12	3	TPF08.12PL.X001	●	AS 2885	TPN08.12PL.X001	●
12	42	100	12	3	TPF08.12PL.X002	●	AS 3506	TPN08.12PL.X002	●
12	52	100	12	3	TPF08.12PL.X003	●	AS 3922	TPN08.12PL.X003	●
14	42	100	14	3	TPF08.14PL.X001	●	AS 4299	TPN08.14PL.X001	●
14	52	100	14	3	TPF08.14PL.X002	●	AS 4777	TPN08.14PL.X002	●
16	42	100	16	3	TPF08.16PL.X001	●	AS 5179	TPN08.16PL.X001	●
16	52	100	16	3	TPF08.16PL.X002	●	AS 5559	TPN08.16PL.X002	●
16	72	120	16	3	TPF08.16PL.X003	●	AS 6983	TPN08.16PL.X003	●
18	52	100	18	3	TPF08.18PL.X001	●	AS 6514	TPN08.18PL.X001	●
18	72	130	18	3	TPF08.18PL.X002	●	AS 8226	TPN08.18PL.X002	●
20	52	100	20	3	TPF08.20PL.X001	●	AS 7788	TPN08.20PL.X001	●
20	72	130	20	3	TPF08.20PL.X002	●	AS 9768	TPN08.20PL.X002	●
20	85	150	20	3	TPF08.20PL.X003	●	AS 11260	TPN08.20PL.X003	●
20	102	160	20	3	TPF08.20PL.X004	●	AS 12911	TPN08.20PL.X004	●

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.)

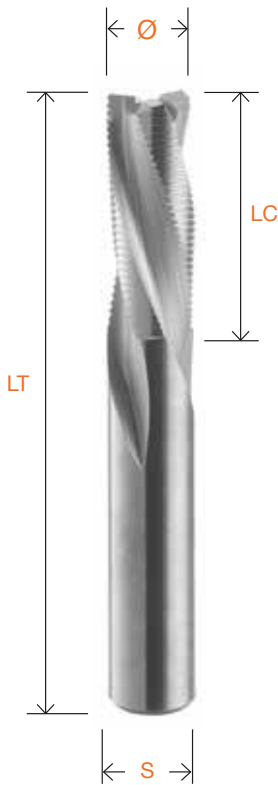
HPL - 18.000 - 24.000 RPM

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

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.

TPF08/12

HW | Z=2



Esempio d'impiego: pag. 6 |

Esempio di lavorazione: pag. 6 |

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice DX / Code RH		NaDia			
						Disp. / Avail.	Cod. listino / Price code	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

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	Codice SX / Code LH		NaDia			
						Disp. / Avail.	Cod. listino / Price code	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.)

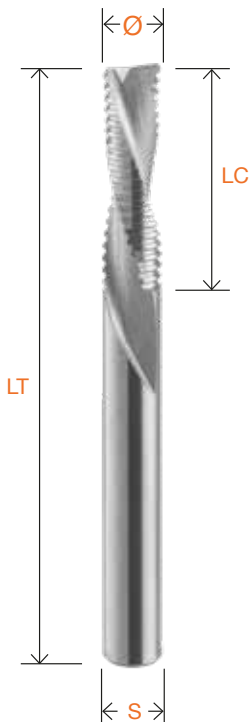
HPL - 18.000 - 24.000 RPM

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

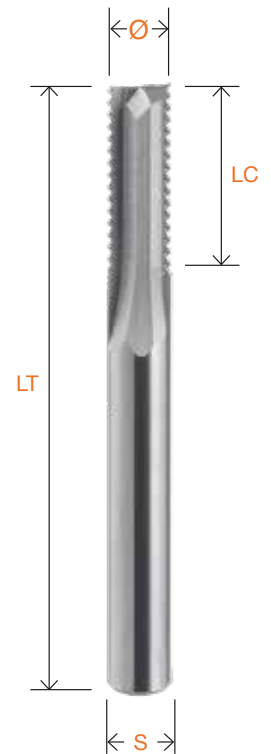
HW straight bits z:2 rt - rt = pitch 1,5 mm

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



LEGNO / WOOD

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtf (mm)	NaDia			NaDia		
						Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	Codice DX / Code RH	Disp. / Avail.	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)	NaDia			NaDia		
						Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	Codice SX / Code LH	Disp. / Avail.	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)	Rtf 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)	Rtf 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.*

TPF08/16

HW | Z=3



LEGNO / WOOD

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Rtf 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	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

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 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	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

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.)

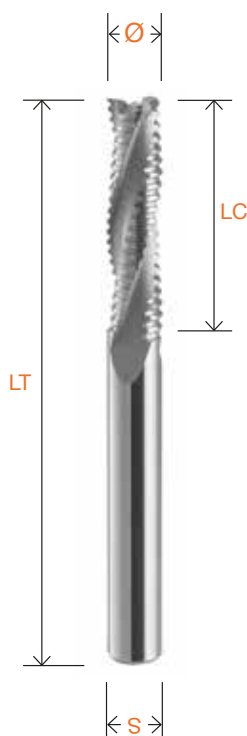
HPL - 18.000 - 24.000 RPM

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

TPF08/17

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)	Rtf Z (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 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)	Rtf Z (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 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

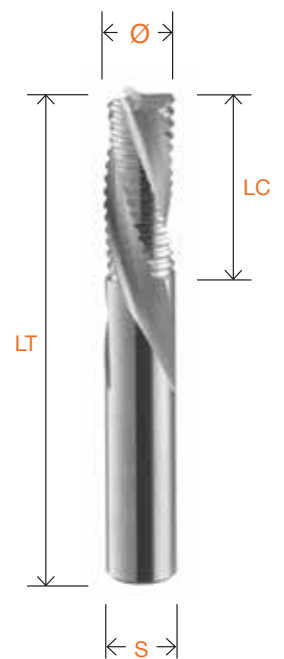
HW spiral bits z:3 rtm downcut - rtm = pitch 2 mm

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.*

TPF08/18

HW | Z=3



Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Rtf Z (mm)	Codice DX / Code RH		NaDia		NaDia	
					Disp. / Avail.	Cod. listino / Price code	Disp. / Avail.	Cod. listino / Price code	Disp. / Avail.	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

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 Z (mm)	Codice SX / Code LH		NaDia		NaDia	
					Disp. / Avail.	Cod. listino / Price code	Disp. / Avail.	Cod. listino / Price code	Disp. / Avail.	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

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

TPF08/19

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 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)	Rtf Z (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 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)	Rtf Z (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 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

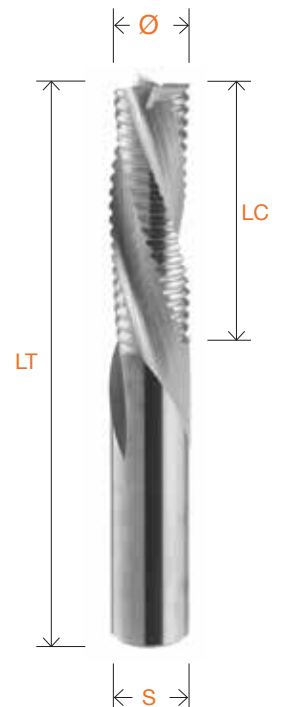
HW spiral bits z:3 rtg downcut - rtg = pitch 2,5 mm

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.*

TPF08/20

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 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

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

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.)

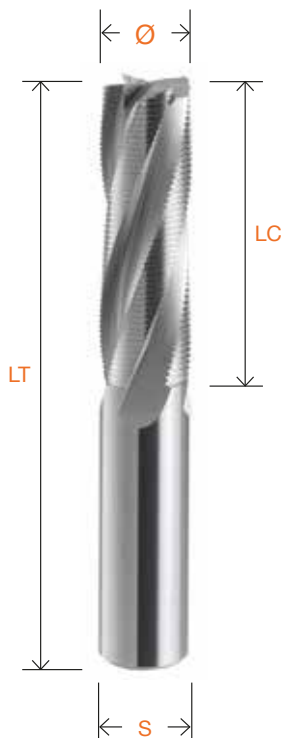
HPL - 18.000 - 24.000 RPM

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

TPF08/21

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)	Rtf Z (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)	Rtf Z (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

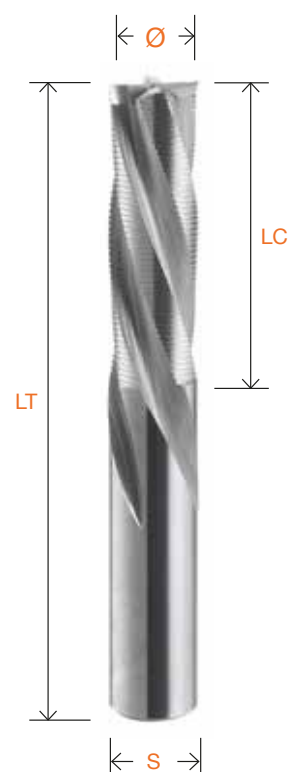
Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - 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)	Rtf Z (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	4	1	●	AS 1816	TPN08.08NR.X004	●	AS 2064
8	32	80	8	4	1	●	AS 2095	TPN08.08NR.X005	●	AS 2344
8	42	90	8	4	1	●	AS 2609	TPN08.08NR.X006	●	AS 2858
10	32	80	10	4	1	●	AS 2603	TPN08.10NR.X004	●	AS 2852
10	42	100	10	4	1	●	AS 3277	TPN08.10NR.X005	●	AS 3525
10	52	100	10	4	1	●	AS 3953	TPN08.10NR.X006	●	AS 4201
12	32	80	12	4	1	●	AS 3112	TPN08.12NR.X004	●	AS 3450
12	42	100	12	4	1	●	AS 3779	TPN08.12NR.X005	●	AS 4117
12	52	100	12	4	1	●	AS 4279	TPN08.12NR.X006	●	AS 4620
14	42	100	14	4	1	●	AS 4592	TPN08.14NR.X003	●	AS 4933
14	52	100	14	4	1	●	AS 5327	TPN08.14NR.X004	●	AS 5668
16	42	100	16	4	1	●	AS 5494	TPN08.16NR.X004	●	AS 5835
16	52	100	16	4	1	●	AS 6156	TPN08.16NR.X005	●	AS 6497
16	72	120	16	4	1	●	AS 7735	TPN08.16NR.X006	●	AS 8246
18	52	100	18	4	1	●	AS 7179	TPN08.18NR.X003	●	AS 7709
18	72	130	18	4	1	●	AS 8726	TPN08.18NR.X004	●	AS 9330
20	52	100	20	4	1	●	AS 8561	TPN08.20NR.X005	●	AS 9089
20	72	130	20	4	1	●	AS 10304	TPN08.20NR.X006	●	AS 10911
20	85	150	20	4	1	●	AS 11885	TPN08.20NR.X007	●	AS 12492
20	102	160	20	4	1	●	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)	Rtf Z (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	4	1	●	AS 1994	TPN08.08NL.X004	●	AS 2243
8	32	80	8	4	1	●	AS 2304	TPN08.08NL.X005	●	AS 2553
8	42	90	8	4	1	●	AS 2869	TPN08.08NL.X006	●	AS 3117
10	32	80	10	4	1	●	AS 2863	TPN08.10NL.X004	●	AS 3112
10	42	100	10	4	1	●	AS 3603	TPN08.10NL.X005	●	AS 3852
10	52	100	10	4	1	●	AS 4346	TPN08.10NL.X006	●	AS 4595
12	32	80	12	4	1	●	AS 3422	TPN08.12NL.X004	●	AS 3763
12	42	100	12	4	1	●	AS 4156	TPN08.12NL.X005	●	AS 4497
12	52	100	12	4	1	●	AS 4707	TPN08.12NL.X006	●	AS 5047
14	42	100	14	4	1	●	AS 5050	TPN08.14NL.X003	●	AS 5391
14	52	100	14	4	1	●	AS 5860	TPN08.14NL.X004	●	AS 6201
16	42	100	16	4	1	●	AS 6042	TPN08.16NL.X004	●	AS 6383
16	52	100	16	4	1	●	AS 6774	TPN08.16NL.X005	●	AS 7112
16	72	120	16	4	1	●	AS 8506	TPN08.16NL.X006	●	AS 9020
18	52	100	18	4	1	●	AS 7897	TPN08.18NL.X003	●	AS 8425
18	72	130	18	4	1	●	AS 9601	TPN08.18NL.X004	●	AS 10204
20	52	100	20	4	1	●	AS 9416	TPN08.20NL.X005	●	AS 9944
20	72	130	20	4	1	●	AS 11335	TPN08.20NL.X006	●	AS 11941
20	85	150	20	4	1	●	AS 13075	TPN08.20NL.X007	●	AS 13679
20	102	160	20	4	1	●	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.	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.	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

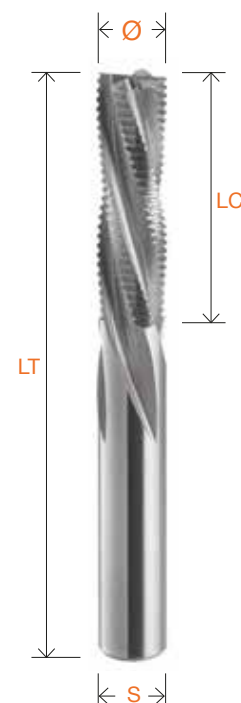
Adatta per lavorazioni di sgrossatura e contornatura di legno massiccio e impiallacciati con elevata velocità di avanzamento con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia**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

TPF08/24

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)	Rtf Z (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	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

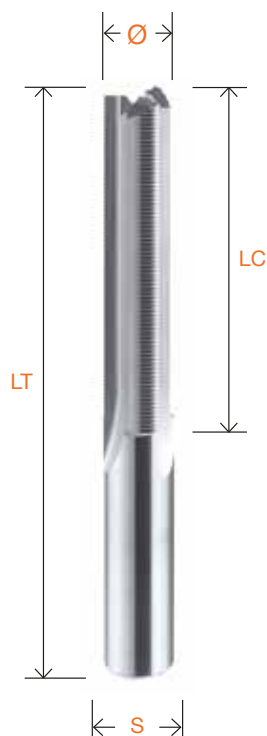
Altre misure disponibili su richiesta | Other dimensions available on request

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 diritta - 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

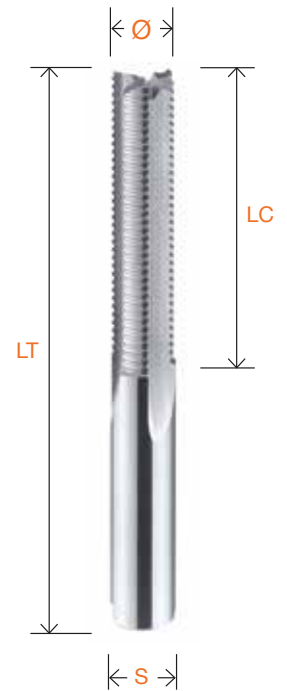
HW straight bits z:3 rt - rt = pitch 1,5 mm

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	Disp. / Avail.	NaDia
									Codice DX / Code RH		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	Disp. / Avail.	NaDia
									Codice SX / Code LH		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

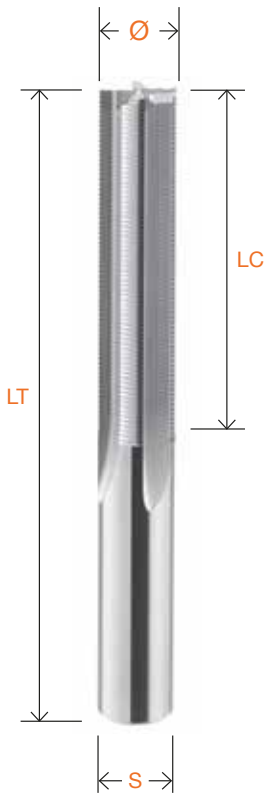
Altre misure disponibili su richiesta | Other dimensions available on request

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 diritta - 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)	Rtf 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	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)	Rtf 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	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

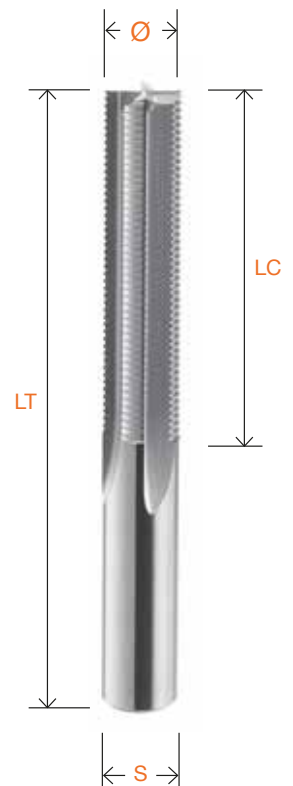
HW straight bits z:4 rt - rt = pitch 1,5 mm

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)	NaDia		NaDia			
						Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	Codice DX / Code RH	Disp. / Avail.	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)	NaDia		NaDia			
						Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	Codice SX / Code LH	Disp. / Avail.	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

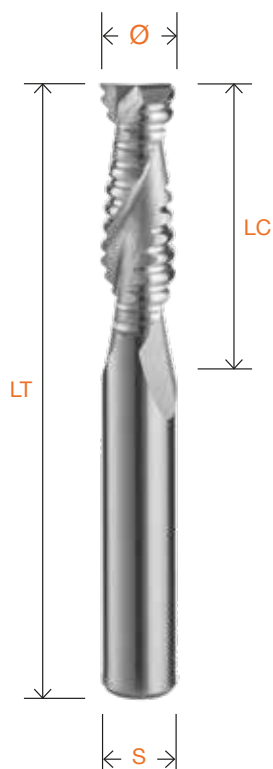
Altre misure disponibili su richiesta | Other dimensions available on request

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 | 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
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

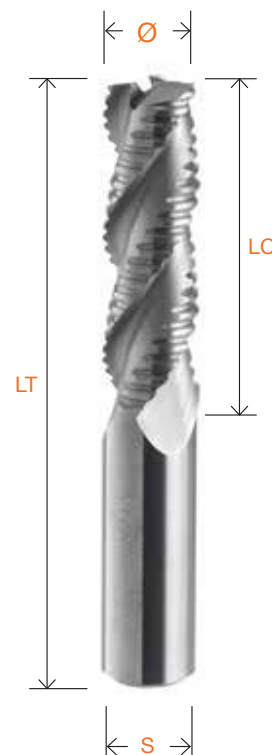
HW spiral bits z:3 rtg upcut 35° rtg = pitch 2,5 mm

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.

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	Rtg (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

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Rtg (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

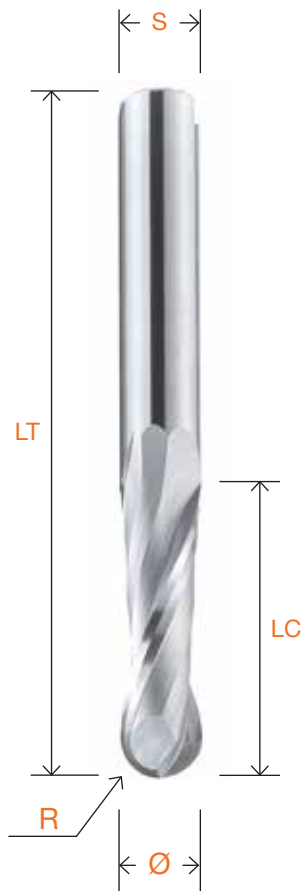
Altre misure disponibili su richiesta | Other dimensions available on request

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



$$R = 0,5 \times \varnothing$$

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

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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.

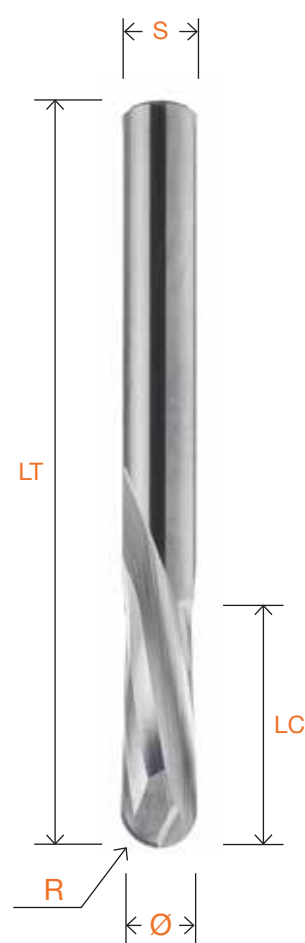
Suitable for copying, counturing and finishing solid wood and laminated with vacuum clamping of the piece. Better surface finishing on the upper side of the panel. Downwards chip ejection. Available on request with **NaDia** coating DLC.

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z				NaDia		
					Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	Codice DX / Code RH	Disp. / Avail.	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				NaDia		
					Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	Codice SX / Code LH	Disp. / Avail.	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



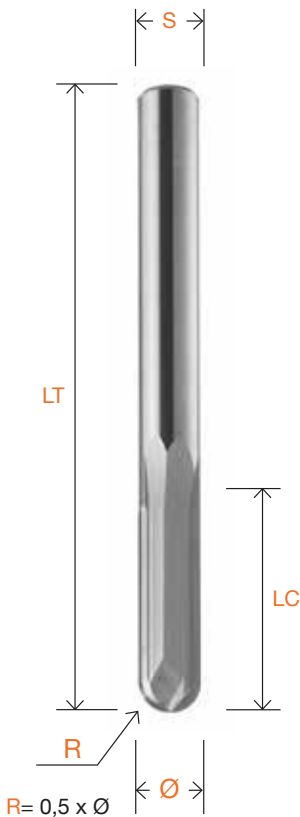
Esempio di lavorazione: pag. 6
Working example: page 6



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.	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.	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

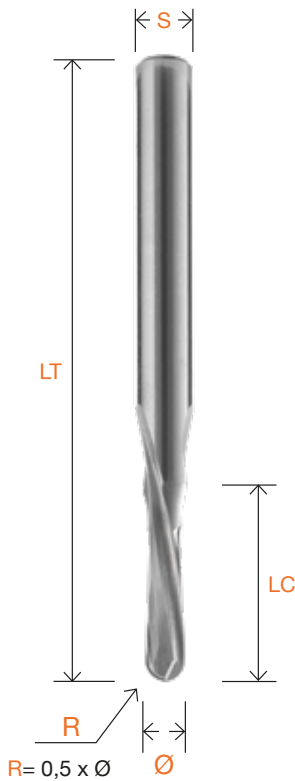


Esempio d'impiego: pag. 6 | Router application: page 6 |

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

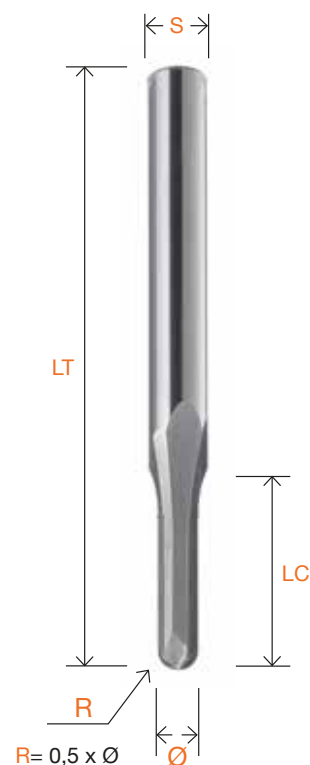
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
2	8	50	6	2	TPF09.02DR.2001	●	AS 1098	TPN09.02DR.2001	●	AS 1346
3	12	60	6	2	TPF09.03DR.2002	●	AS 1073	TPN09.03DR.2002	●	AS 1321
4	15	60	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

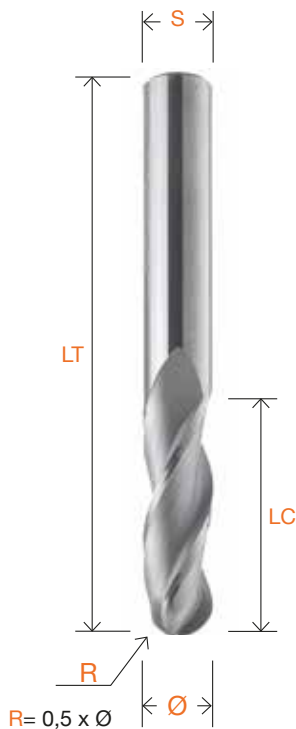
Minimo d'ordine 2 pz / Minimum order quantity 2 pcs

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



TPF09/7

HW | Z=3



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

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

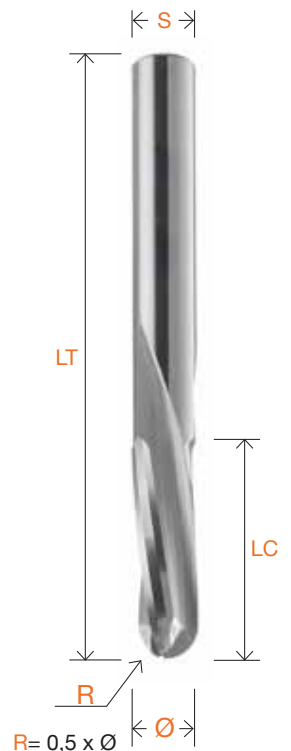
Adatta per lavorazioni di copiatura, contornatura e finitura di legno massiccio e laminati con fissaggio del pezzo a depressione. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

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



$$R = 0,5 \times \varnothing$$

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

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

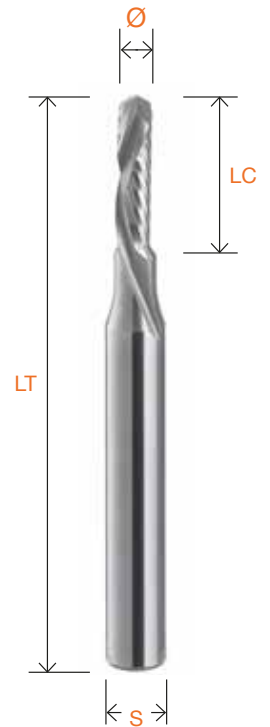
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice SX / Code LH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	6	2	TPF10.03UL.2001	●	AS 1318	TPN10.03UL.2001	●	AS 1567
4	15	60	6	2	TPF10.04UL.2001	●	AS 1360	TPN10.04UL.2001	●	AS 1609
5	17	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

TPF10/2

HW | Z=1+1



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

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



TPF10/3

HW | Z=2+2



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

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



TPF10/4

HW | Z=2+2



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

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

TPF10/5

HW | Z=3+3



LEGNO / WOOD

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

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

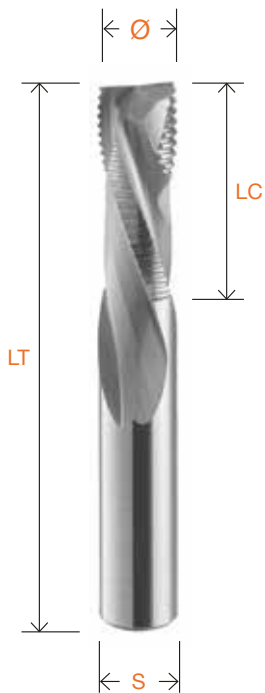
Altre misure disponibili su richiesta | Other dimensions available on request

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

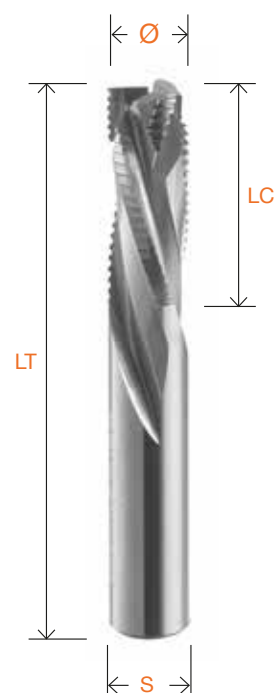
HW double spiral bits z: 3rt+3rt up-down rt = pitch 1,5 mm

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



LEGNO / WOOD

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 di 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

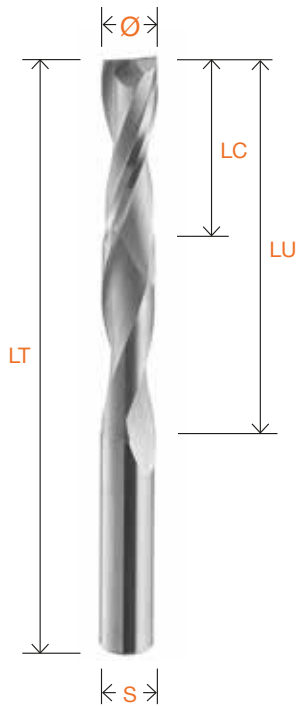
Altre misure disponibili su richiesta | Other dimensions available on request

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.	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.	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

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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	NaDia			NaDia		
						Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	Codice DX / Code RH	Disp. / Avail.	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	NaDia			NaDia		
						Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	Codice SX / Code LH	Disp. / Avail.	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.)

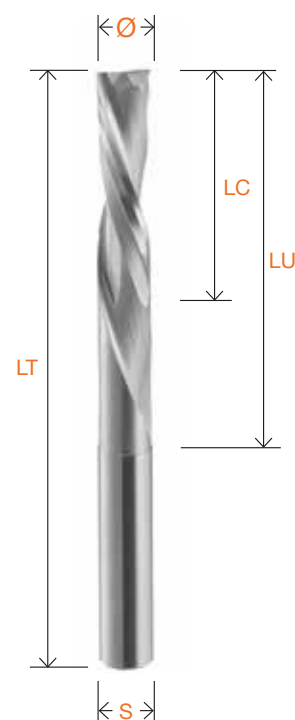
Hard wood - 12.000 - 18.000 RPM

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



LEGNO / WOOD

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

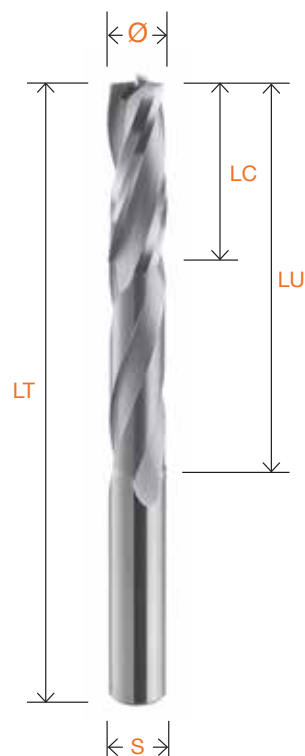


Esempio di lavorazione: pag. 6 | Working example: page 6



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.	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.	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
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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

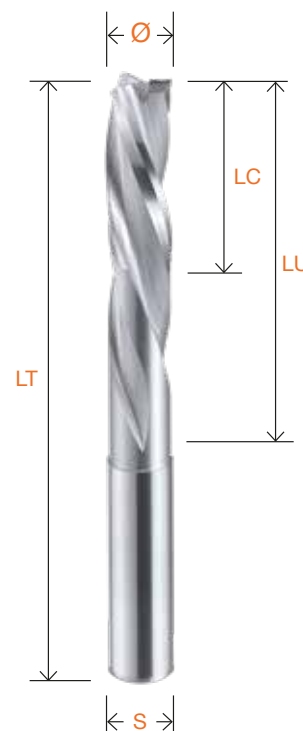
HW spiral bits for door slots z:3 downcut

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.

TPF11/4

HW | Z=3



LEGNO / WOOD

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z				NaDia		
						Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	Codice DX / Code RH	Disp. / Avail.	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				NaDia		
						Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	Codice SX / Code LH	Disp. / Avail.	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

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

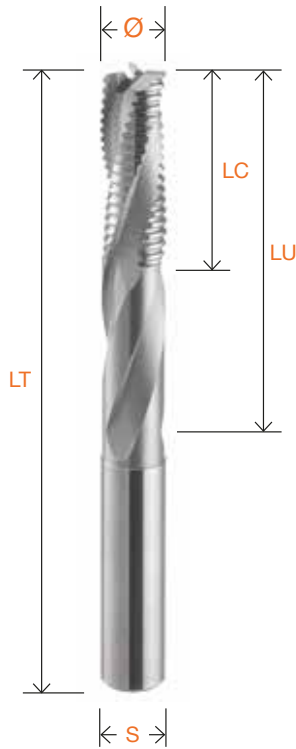


Esempio di lavorazione: pag. 6 | Working example: page 6



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.	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.	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

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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.	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				NaDia		
						Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	Codice DX / Code RH	Disp. / Avail.	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				NaDia		
						Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	Codice SX / Code LH	Disp. / Avail.	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.)

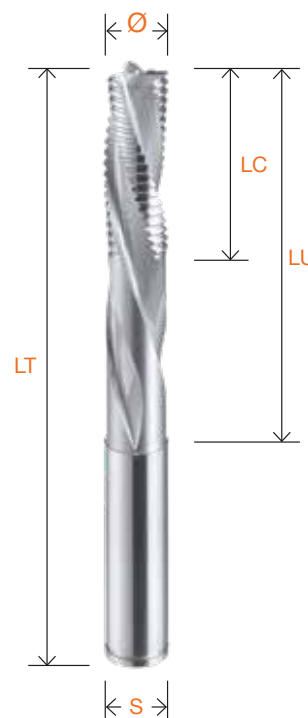
Hard wood - 12.000 - 18.000 RPM

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



LEGNO / WOOD

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

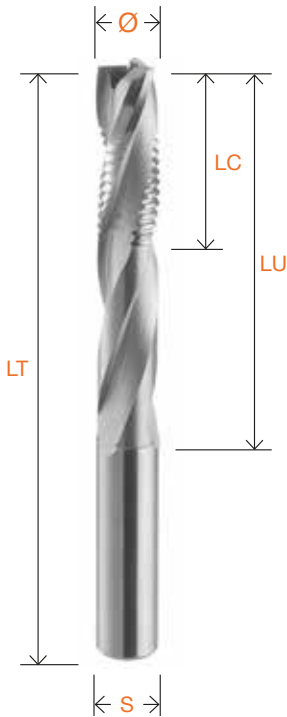


Esempio di lavorazione: pag. 6 | Working example: page 6



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

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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

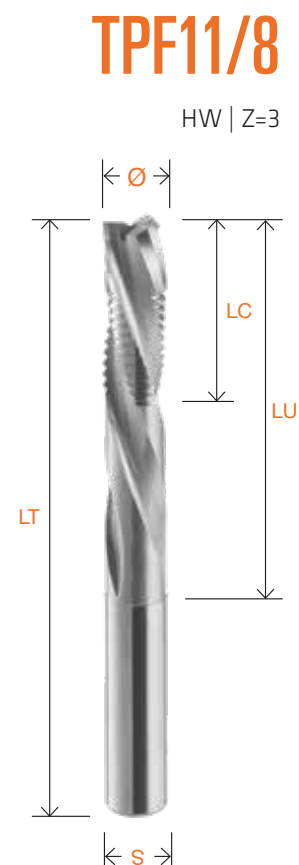
Adatta per le lavorazioni di finitura-sgrossatura profonde. Finitura migliore sul bordo superiore del pannello. Scarico del truciolo verso il basso. Disponibile su richiesta con rivestimento **NaDia** - DLC.

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				NaDia		
						Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	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				NaDia		
						Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	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



LEGNO / WOOD

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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

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.

TPF11/10

HW | Z=3



LEGNO / WOOD

Ø D (mm)	LC (mm)	LU (mm)	LT (mm)	S (mm)	Z				NaDia		
						Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	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				NaDia		
						Codice SX / Code LH	Disp. / Avail.	Cod. listino / Price code	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

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

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

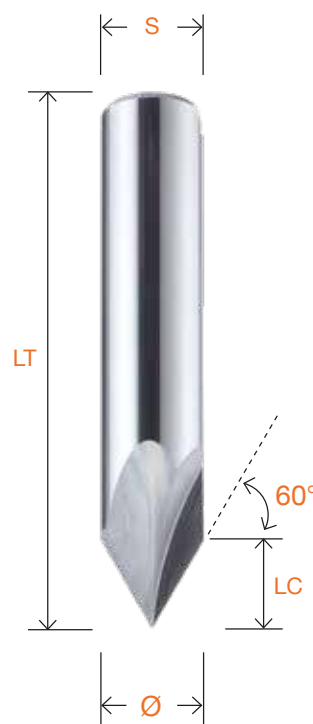
Altre misure disponibili su richiesta | Other dimensions available on request

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

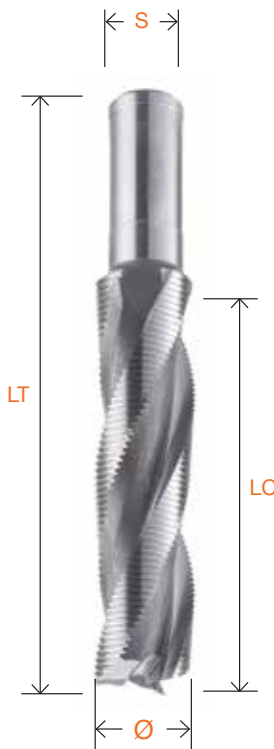
Altre misure disponibili su richiesta | Other dimensions available on request

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

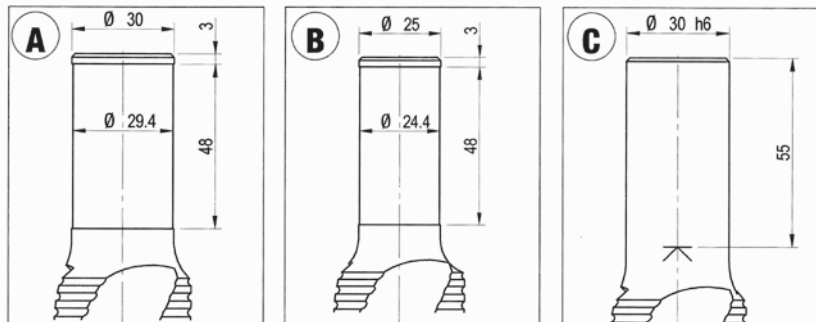
Milling cutters hss-co for carpentry z:3 RGT upcut - shank Ø 30x75

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



Fresa HW z:1 elica positiva

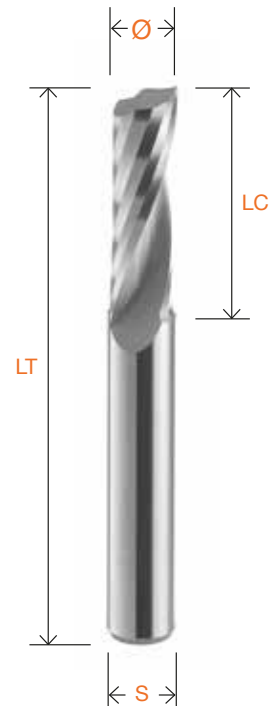
HW spiral bits z:1 upcut

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.

TPF13/1

HW | Z=1



ALLUMINIO / ALUMINIUM

Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia	Disp. / Avail.	NaDia
								Codice DX / Code RH		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

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

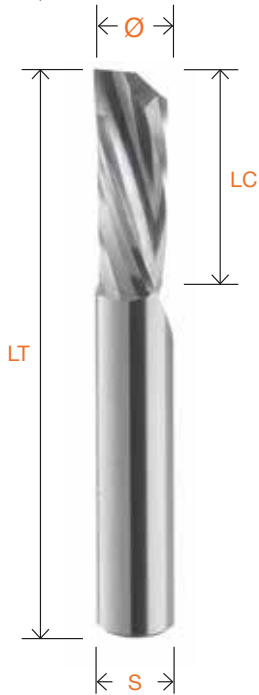
Aluminium - 18.000 - 24.000 RPM

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 | 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 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	Disp. / Avail.	NaDia
								Codice DX / Code RH		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.

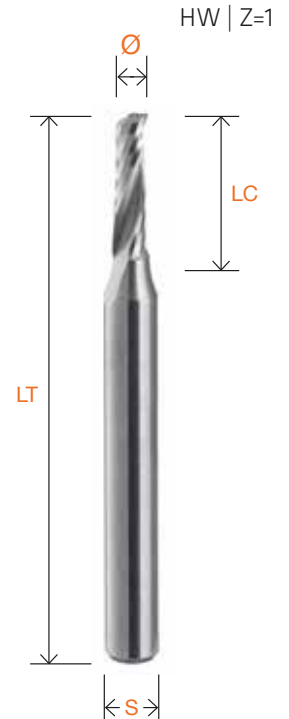
Suitable for machining aluminium and light alloys. Better surface finishing on the lower side. Upwards chip ejection. Available on request with NaDia coating DLC.

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



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 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



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

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.	NaDia 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.	NaDia 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

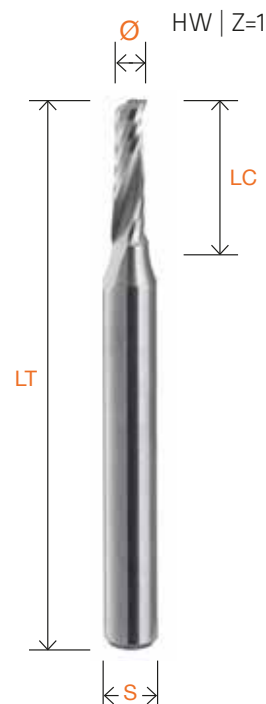
Adatta per la lavorazione di alluminio e sue leghe. Finitura migliore sul bordo inferiore. Scarico del truciolo verso l'alto. Disponibile su richiesta con rivestimento **NaDia** - DLC.

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 | (A) (C)

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

ALLUMINIO / ALUMINIUM

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

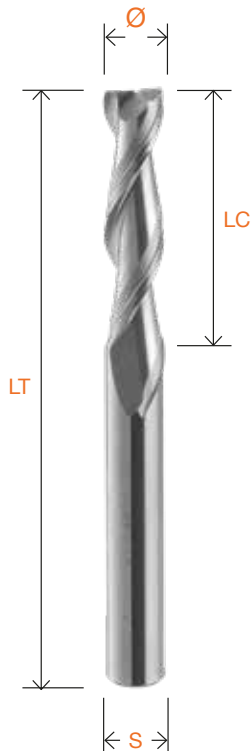


Esempio d'impiego: pag. 6 | Router application: page 6 | (B) (D)

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

TPF13/9

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 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

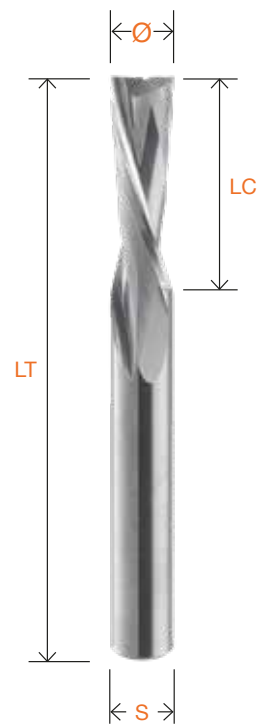
HW spiral bits z:2 downcut

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



ALLUMINIO / ALUMINIUM

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

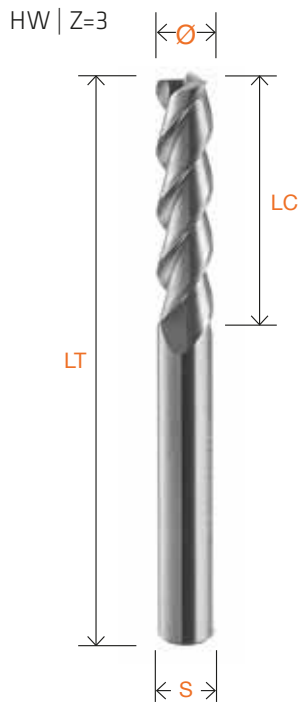


Aluminium - 18.000 - 24.000 RPM

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.

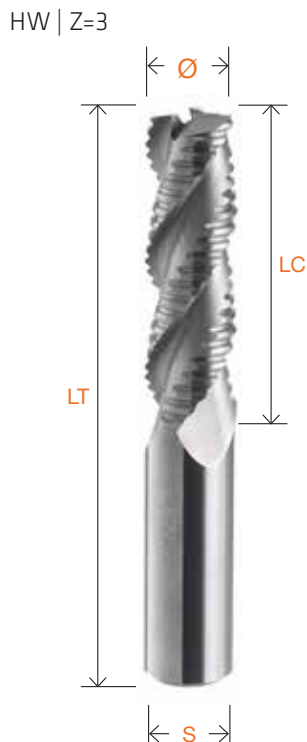
Suitable for machining aluminium and light alloys on finishing operations. Upwards chip ejection. Available on request with **NaDia** coating DLC.

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.

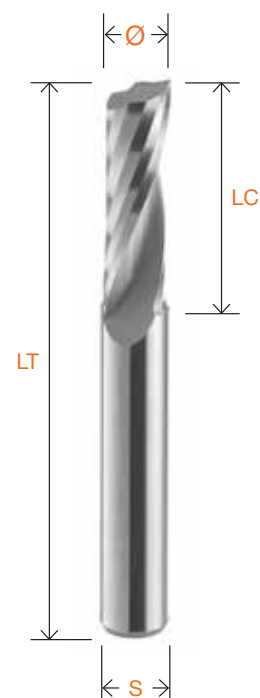
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia		
								Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code
3	12	50	3	1	TPF15.03PR.1001	●	AS 508	TPN15.03PR.1001	●	AS 757
4	15	50	4	1	TPF15.04PR.1001	●	AS 561	TPN15.04PR.1001	●	AS 810
5	17	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 | Router application: page 6



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

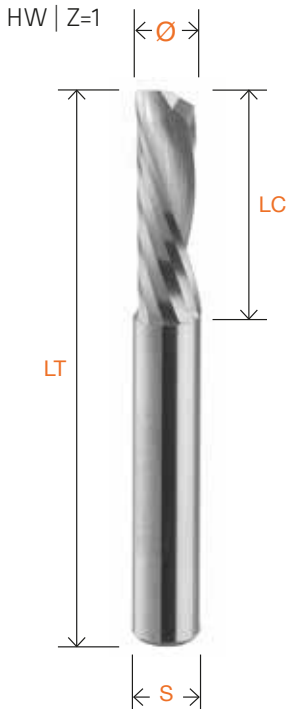


Aluminium - 18.000 - 24.000 RPM

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 | 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 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	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 | 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 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	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.*

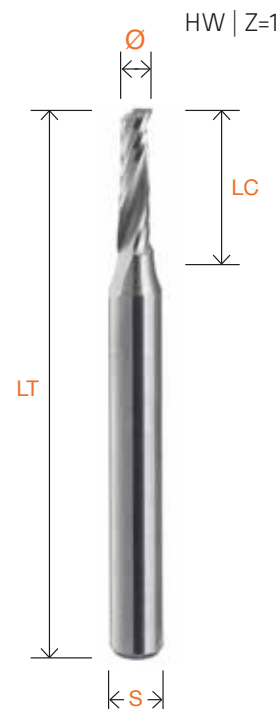
Ø D (mm)	LC (mm)	LT (mm)	S (mm)	Z	Codice DX / Code RH	Disp. / Avail.	Cod. listino / Price code	NaDia Codice DX / Code RH	Disp. / Avail.	NaDia Cod. listino / Price code
3	12	60	8	1	TPF15.03PR.1003	●	AS 1204	TPN15.03PR.1003	●	AS 1453
4	15	60	8	1	TPF15.04PR.1003	●	AS 1246	TPN15.04PR.1003	●	AS 1494
5	17	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 | (A) (C)

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

PLASTICA / PLASTIC

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 | (B) (D)

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

Note · Notes

The page contains a large, light grey background graphic that resembles a stylized, abstract letter 'A' or a similar geometric shape. Overlaid on this graphic are horizontal lines for writing, spaced evenly down the page.



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