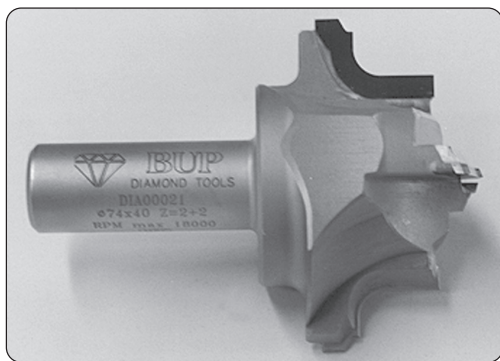




DP

MEC

APPLICAZIONE/APPLICATION:

Realizzazione di sagomature di pannelli con profilo a richiesta.
Production of different profiles on request.

MACCHINA/MACHINE:

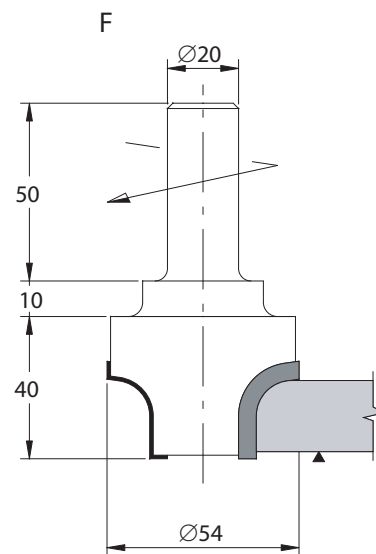
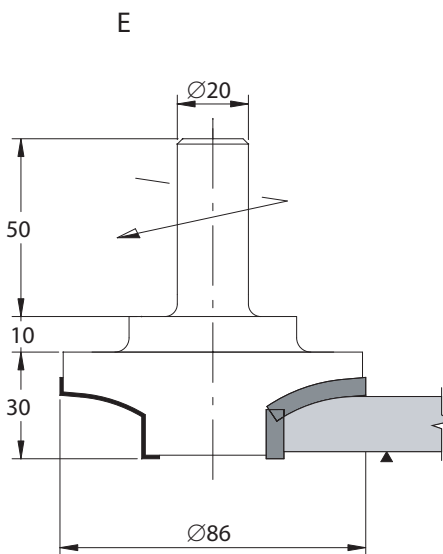
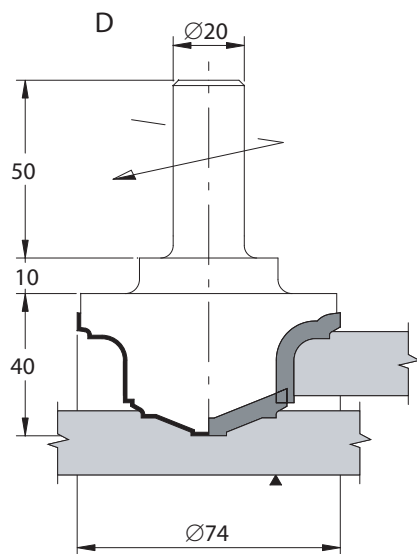
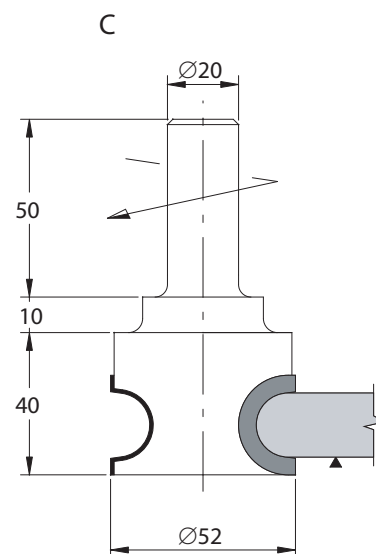
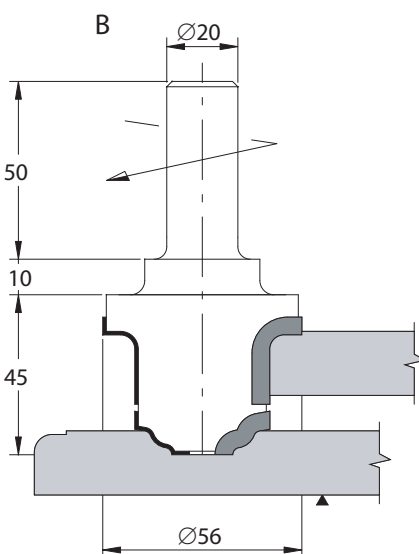
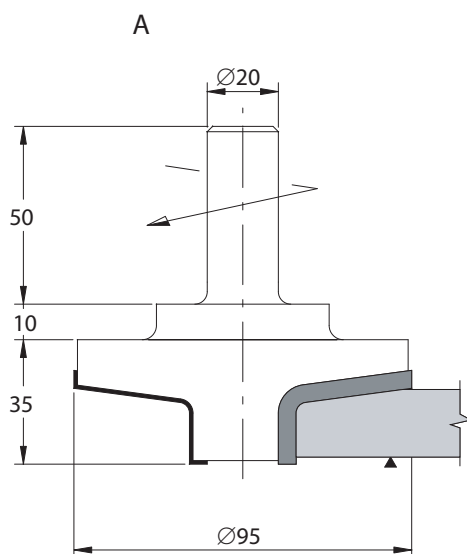
Pantografo CNC.
CNC Router

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Frese speciali su disegno, si costruiscono sulla base delle caratteristiche produttive del cliente. Realizzate con taglienti frazionati o interi ed angoli idonei alla lavorazione dei diversi tipi di legno. Diamante policristallino (DP) di prima qualità con superficie lucida.
Special cutters made on drawing, manufactured on the base of production specifications of the customer. Produced with full diamond tip or divided diamond tips and suitable cutting angles for different types of wood. First quality polycrystalline diamond (DP) with polished surface.

Art. 6029 Diamante S=3 mm - Area affilabile 1 mm/Diamond S=3 mm - Resharpenable area 1 mm

Art. 6030 Diamante S=5 mm - Area affilabile 3 mm/Diamond S=5 mm - Resharpenable area 3 mm



6031

FRESA PANTOGRAFO IN DIAMANTE PER PROFILI A "T" DIAMOND "T-SLOT" ROUTER CUTTERS



APPLICAZIONE/APPLICATION:

Realizzazione di canali a "T" per l'inserimento di profili in alluminio.
Production of "T-slots" for aluminium profiles

MACCHINA/MACHINE:

Pantografo CNC e manuali.
CNC routers or manual routers

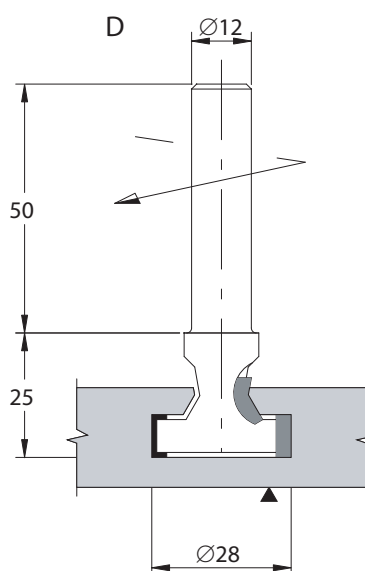
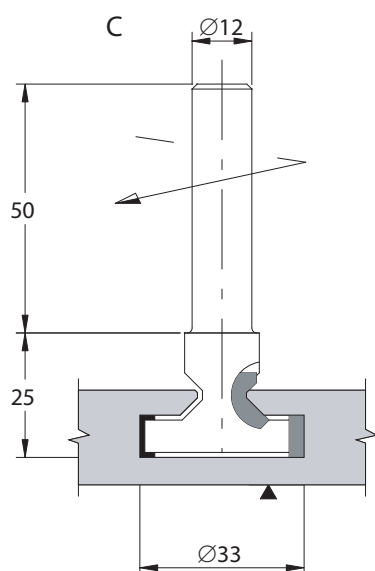
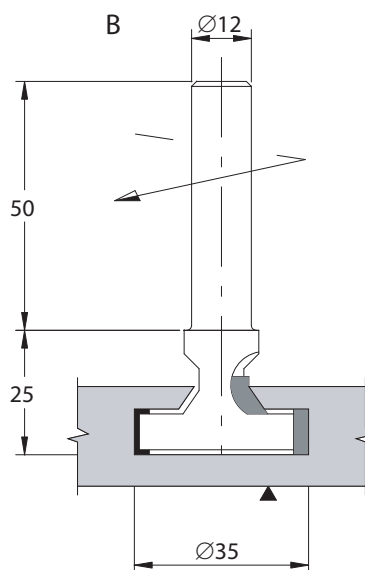
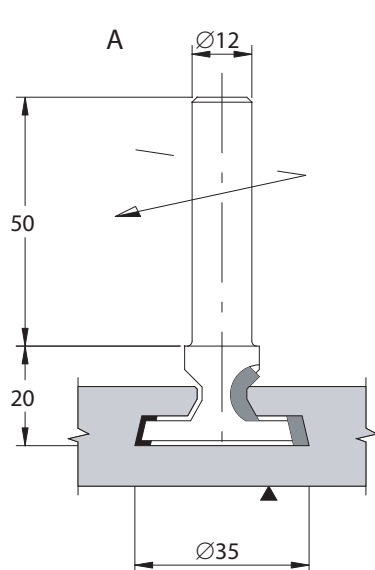
INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con Z=2+1 taglienti in diamante.
Vengono fornite con attacco cilindrico d. 12x50.
Manufactured with Z=2+1 diamond cuts.
Supplied with cylindrical shank d.12x50.

DP

MEC

Codice Code	D D	d d	LT LT	Z Z	Giri max RPM max	Profilo Profile	Cod.Prezzo Price Code
6031.000.001	35	12	70	2+1	24.000	A	D22
6031.000.002	35	12	75	2+1	24.000	B	D23
6031.000.003	33	12	75	2+1	24.000	C	L23
6031.000.004	28	12	75	2+1	24.000	D	A23



6155

FRESA PANTOGRAFO IN DIAMANTE PER TOPS DA CUCINA DIAMOND ROUTER CUTTER FOR KITCHEN-TOPS



DP

MEC

APPLICAZIONE/APPLICATION:

Lavorazione di tops da cucina in truciolare laminato.
Laminated chipboard kitchen tops working process.

MACCHINA/MACHINE:

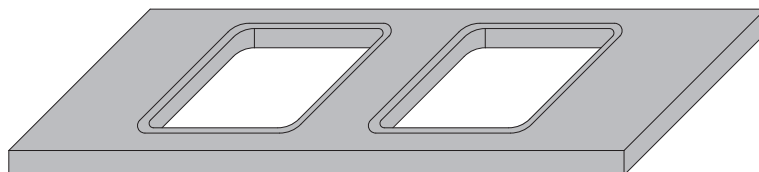
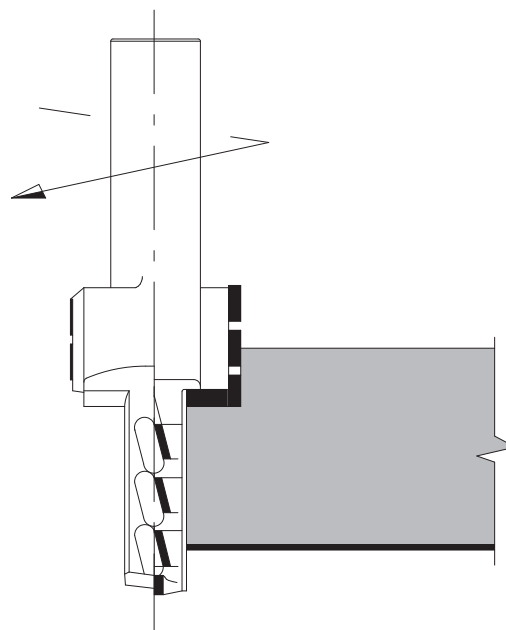
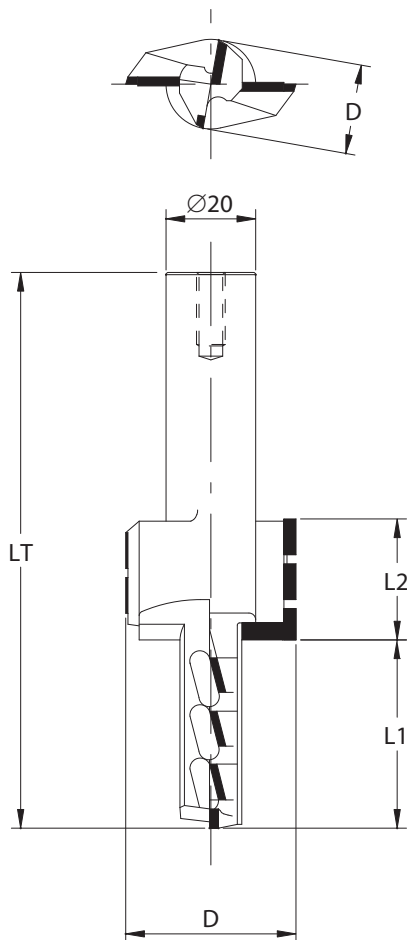
Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con tagliente frazionato in diamante con 2+2 divisioni. Inclinazione assiale contrapposta e ottimo scarico del truciolo. Permette di realizzare in un unico passaggio il completo alloggiamento del lavello da cucina. Vengono fornite con attacco cilindrico d.20x50. **N. max 20.000 min⁻¹.**

*Manufactured with splitted compression diamond tips with 2+2 divisions. Tips are positioned in opposite shear angle, very good chip evacuation. It allows to produce the complete wash-bowl cut in one operation. Supplied with cylindrical shank d.20x50. **N. max 20.000 min⁻¹.***

Codice Code	D ₁ D ₁	D ₂ D ₂	L ₁ L ₁	L ₂ L ₂	LT LT	Z Z	Cod. Prezzo Price Code
6155.040.001	40	20	32	15	103	2+2	B33
6155.040.002	40	20	42	15	112	2+2	D35
6155.040.003	40	20	42	18	115	2+2	M35
6155.040.004	40	20	42	28	125	2+2	A37





DP

MEC

APPLICAZIONE/APPLICATION:

Forare e contornare pannelli in truciolare, MDF, HDF nobilitati e laminati.
Boring and sizing paper laminated chipboard and MDF panels.

MACCHINA/MACHINE:

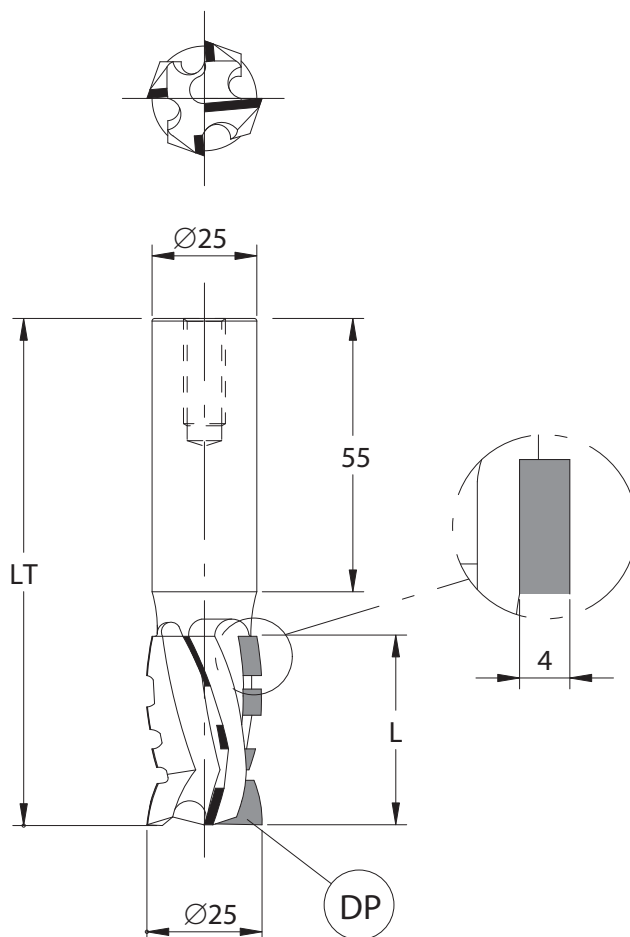
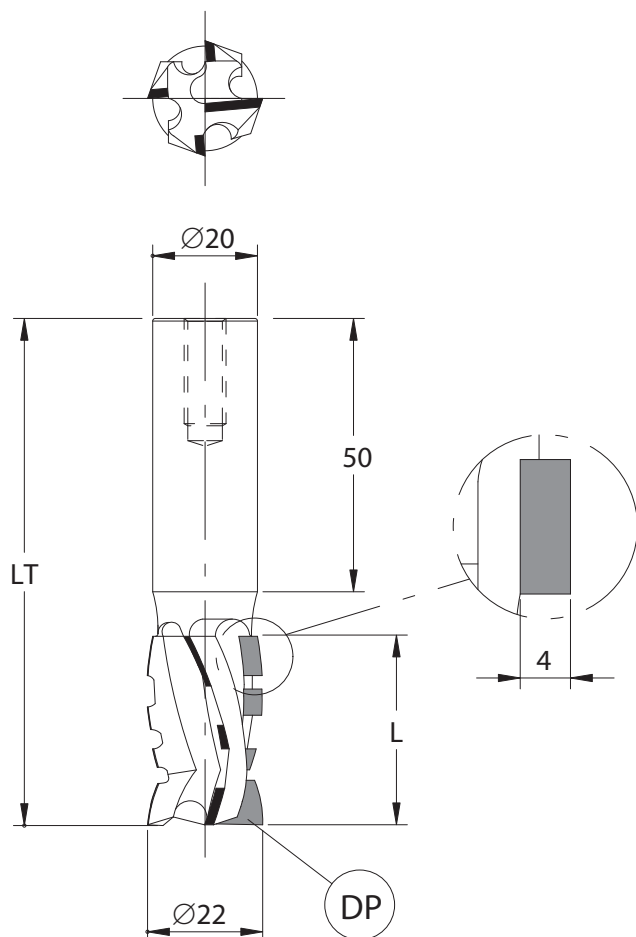
Pantografo CNC./CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con 4 taglienti a sviluppo elicoidale interrotto.
Ideale per le lavorazioni ad alta velocità di avanzamento con ottimo scarico del truciolo.
La fresa è realizzata con 4 taglienti in presa sia sulla parte superiore che inferiore del pannello. Fresa d. 22 fornite con attacco d. 20x50. Fresa d. 25 fornite con attacco d. 25x55.
N. max 24.000 min⁻¹.

*Manufactured with 4 flutes, splitted spiral design. Suitable for high feed speed with a very good chip evacuation. The cutter is designed with 4 cutting edges on the top and the bottom of the panel. Cutters d. 22 are supplied with d. 20x50 shank. Cutters d. 25 are supplied with d. 25x55 shank. **N. max 24.000 min⁻¹.***

Codice Dx Rh Code	D D	L L	LT LT	Z Z	Cod. Prezzo Price Code	Codice Sx Lh Code	D D	L L	LT LT	Z Z	Cod.Prezzo Price Code
6142.022.025	22	25	85	4	B35	6143.022.025	22	25	85	4	F35
6142.022.030	22	30	90	4	F36	6143.022.030	22	30	90	4	L36
6142.025.025	25	25	90	4	B35	6143.025.025	25	25	90	4	F35
6142.025.030	25	30	95	4	F36	6143.025.030	25	30	95	4	L36
6142.025.035	25	35	100	4	M37	6143.025.035	25	35	100	4	B38
6142.025.040	25	40	105	4	E38	6143.025.040	25	40	105	4	G38
6142.025.045	25	45	110	4	B39	6143.025.045	25	45	110	4	D39



6035 - 6036

FRESA PANTOGRAFO FORA E CONTORNA (TIPO STANDARD) PLUNGING - CUTTING DIAMOND ROUTER CUTTER (STANDARD TYPE)



APPLICAZIONE/APPLICATION:

Forare e contornare pannelli in truciolare, MDF, HDF nobilitati e laminati.
Boring and sizing paper laminated chipboard and MDF panels.

MACCHINA/MACHINE:

Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

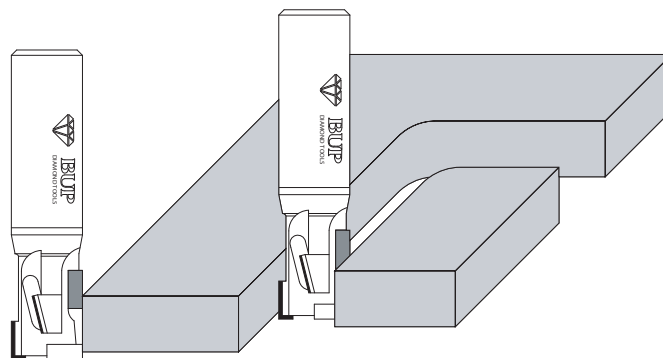
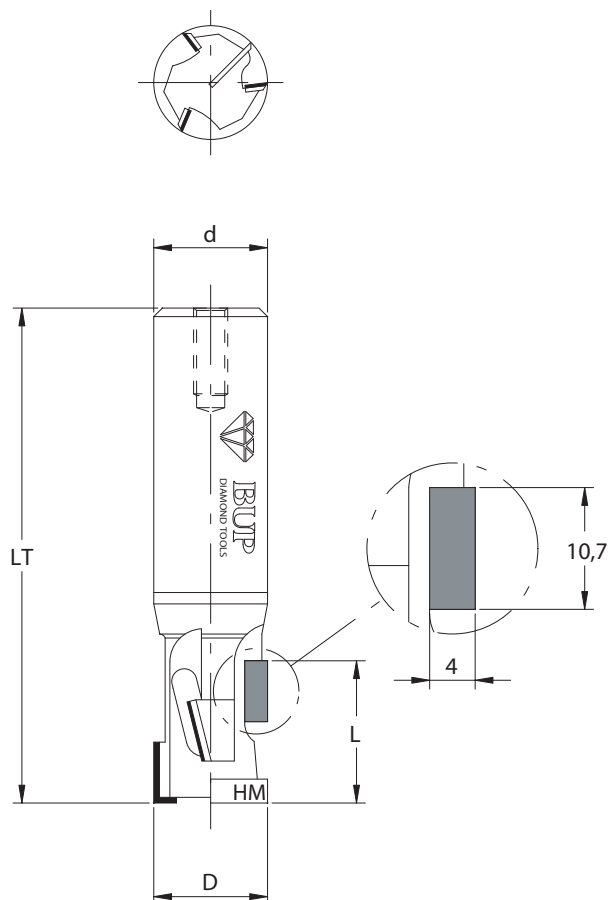
Esecuzione con tagliente frazionato in diamante standard 4 mm. Permette un maggior numero di affilature garantendo una qualità di taglio superiore. Taglienti con inclinazione assiale contrapposta ed ottimo scarico del truciolo. Vengono fornite con un attacco cilindrico d. 20x50. **N. max 20.000 min⁻¹**

*Manufactured with splitted compression diamond tips 4 mm wide. Resharpener area 3 mm, very high cutting quality. Tips are positioned in opposite shear angle, very good chips evacuation. Supplied with cylindrical shank d.20x50. **N. max 20.000 min⁻¹.***

DP

MEC

Codice Dx Rh Code	D D	L L	LT LT	Z Z	Cod. Prezzo Price Code	Codice Sx Lh Code	D D	L L	LT LT	Z Z	Cod.Prezzo Price Code
6035.016.025	16	25	85	3+1	L20	6036.016.025	16	25	85	3+1	G21
6035.016.036	16	34	95	4+1	D23	6036.016.036	16	34	95	4+1	B24
6035.018.025	18	25	85	3+1	L20	6036.018.025	18	25	85	3+1	G21
6035.018.036	18	34	95	4+1	D23	6036.018.036	18	34	95	4+1	B24
6035.018.045	18	43	105	5+1	B25	6036.018.045	18	43	105	5+1	M25
6035.020.025	20	25	85	3+1	L20	6036.020.025	20	25	85	3+1	G21
6035.020.036	20	34	95	4+1	D23	6036.020.036	20	34	95	4+1	B24
6035.020.045	20	43	105	5+1	B25	6036.020.045	20	43	105	5+1	M25
6035.020.053	20	52	115	6+1	M26	6036.020.053	20	52	115	6+1	G27



6032

FRESE PANTOGRAFO IN DIAMANTE FORA E CONTORNA PLUNGING AND CUTTING DIAMOND ROUTER CUTTERS

**DP****MEC****APPLICAZIONE/APPLICATION:**

Per contornare ed eseguire scanalature e cave su pannelli truciolare e MDF grezzi o nobilitati.

Sizing and grooving on raw or veneered chipboard and MDF panels.

MACCHINA/MACHINE:

Pantografo CNC e manuali.

CNC routers or manual routers

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

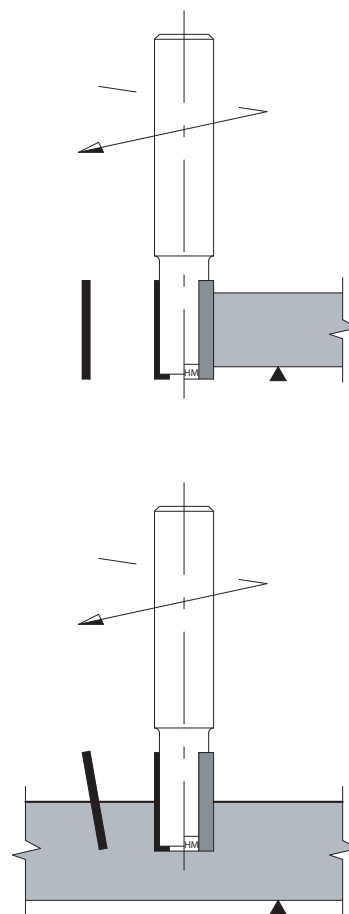
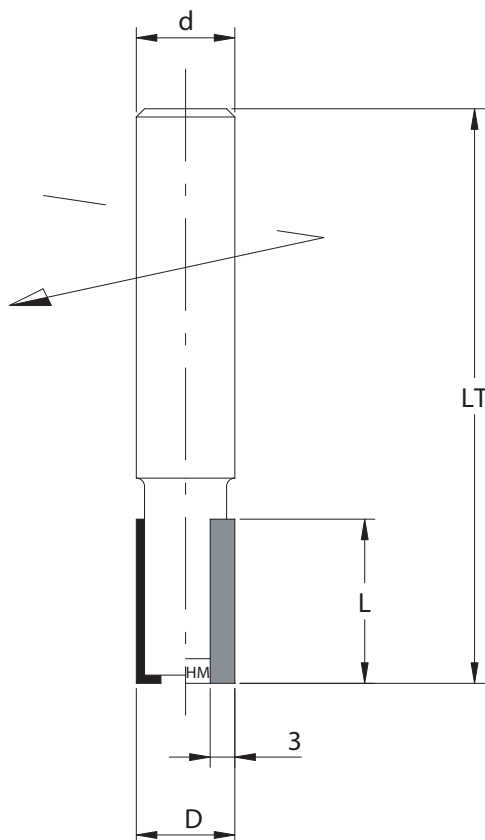
Esecuzione con uno o due taglienti diritti o inclinati in diamante e forante in HW. Area affilabile 1 mm.

Manufactured with one or two diamond straight or sheared cutting edges and carbide plunging point. Resharpening area 1 mm.

**Esecuzione con taglienti negativi spingenti per pannelli rivestiti con aumento 15%.
*Shear down cut for laminated panels with 15% increase on price.***

Codice Code	D D	L L	d d	LT LT	Z Z	Giri max RPM max	Cod.Prezzo Price Code
6032.060.010 •	6	10	8	70	1	24.000	H16
6032.080.012 •	8	12	8	70	1	24.000	A19
6032.100.015 •	10	15	12	70	2	24.000	H23
6032.100.020 •	10	20	12	70	2	24.000	G25
6032.120.020 •	12	20	12	70	2	24.000	G25
6032.120.025 •	12	25	12	80	2	24.000	F27

• Corpo in HW integrale/Solid carbide body



6050 - 6051

FRESA PANTOGRAFO 4 DIVISIONI (TIPO ECONOMICO) PLUNGING AND CUTTING DIAMOND CUTTER (4 DIVISIONS)



APPLICAZIONE/APPLICATION:

Forare e contornare pannelli in truciolare, MDF, HDF nobilitati.
Boring and sizing paper laminated chipboard and MDF panels.

MACCHINA/MACHINE:

Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con tagliente frazionato in diamante tipo economico a 4 divisioni. Taglienti con inclinazione assiale contrapposta con 2 taglienti su ogni punto di lavoro. Vengono fornite con un attacco cilindrico d. 20x50. **N. max 20.000 min⁻¹**

Manufactured with splitted compression diamond tips ECO TYPE, 4 divisions.

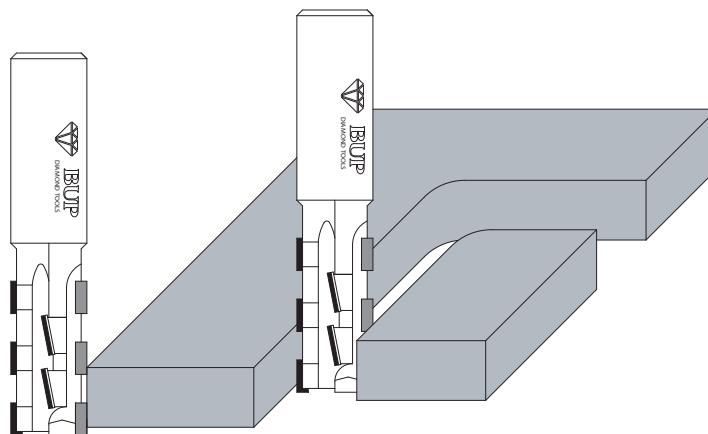
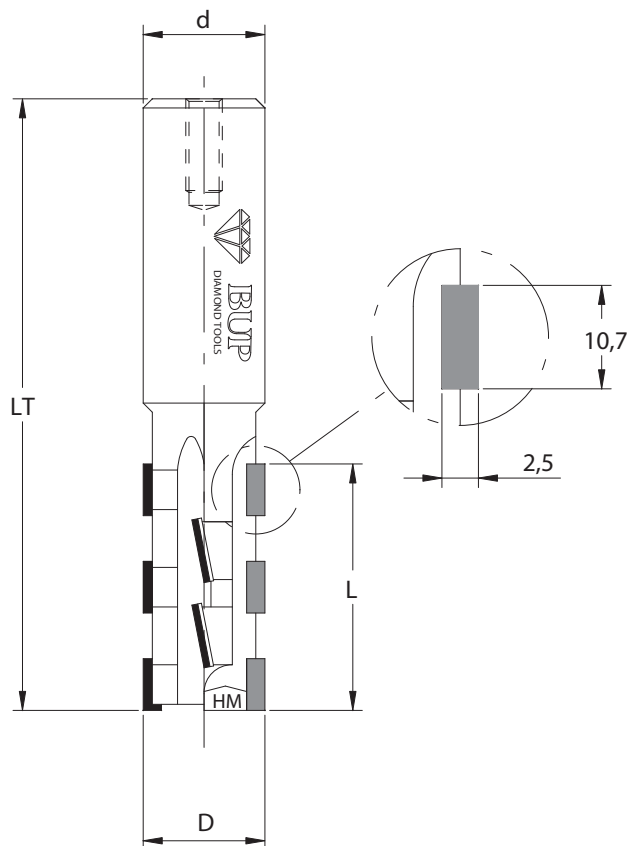
Tips are positioned in opposite shear angle, with 2 wings on each working point.

*Supplied with cylindrical shank d.20x50. **N. max 20.000 min⁻¹***

DP

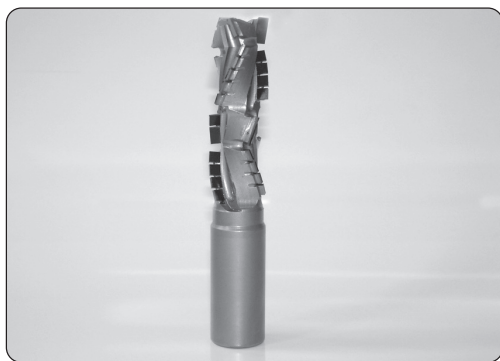
MEC

Codice Dx Rh Code	D D	L L	LT LT	Z Z	Cod. Prezzo Price Code	Codice Sx Lh Code	D D	L L	LT LT	Z Z	Cod.Prezzo Price Code
6050.016.025	16	25	85	6+1	D23	6051.016.025	16	25	85	6+1	B24
6050.016.034	16	34	95	8+1	L25	6051.016.034	16	34	95	8+1	F26
6050.018.025	18	25	85	6+1	D23	6051.018.025	18	25	85	6+1	B24
6050.018.034	18	34	95	8+1	L25	6051.018.034	18	34	95	8+1	F26
6050.018.043	18	43	105	10+1	C28	6051.018.043	18	43	105	10+1	A29
6050.020.025	20	25	85	6+1	D23	6051.020.025	20	25	85	6+1	B24
6050.020.034	20	34	95	8+1	L25	6051.020.034	20	34	95	8+1	F26
6050.020.043	20	43	105	10+1	C28	6051.020.043	20	43	105	10+1	C28
6050.020.052	20	52	115	12+1	G30	6051.020.052	20	52	115	12+1	C31
6050.020.061	20	61	120	14+1	D32	6051.020.061	20	61	120	14+1	L32



6150

FRESA PANTOGRAFO IN DIAMANTE A DOPPIA ROTAZIONE DOUBLE ROTATION DIAMOND ROUTER CUTTER



APPLICAZIONE/APPLICATION:

Forare e contornare pannelli in truciolare, MDF, HDF nobilitati e laminati
Boring and sizing paper laminated chipboard and MDF panels.

MACCHINA/MACHINE:

Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

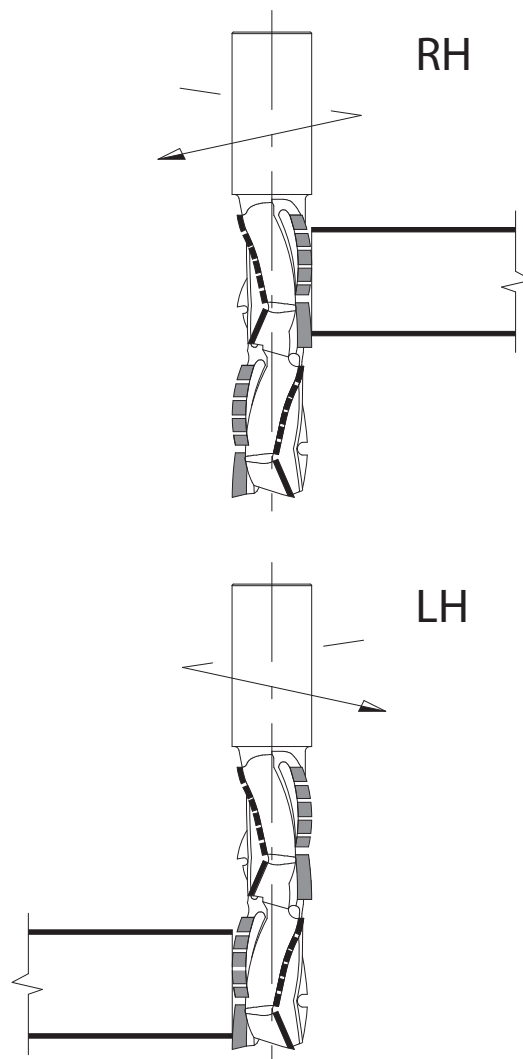
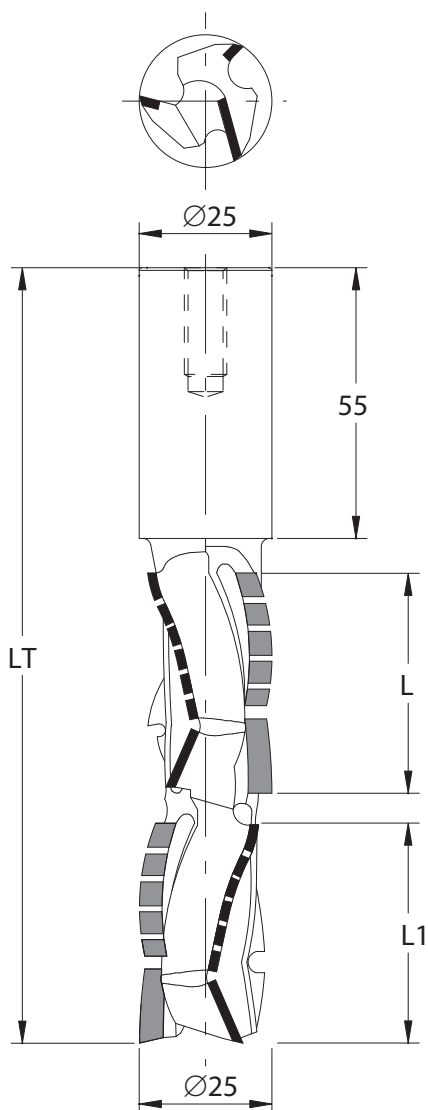
Esecuzione a 3 divisioni elica continua negativa/positiva a sviluppo elicoidale. Doppia rotazione dx/sx permette di eliminare un cambio utensile. Vengono fornite con attacco cilindrico d.25x55. **N. max 20.000 min⁻¹.**

*Manufactured with 3 divisions .Continuous negative-positive spiral with double rotation rh/lh. This type of cutter eliminate a tool change on the working process. Supplied with cylindrical shank d.25x55. **N. max 20.000 min⁻¹.***

DP

MEC

Codice Code	D D	L L	L ₁ L ₁	LT LT	Z Z	Cod. Prezzo Price Code
6150.025.001	25	25	25	110	3+3	H38
6150.025.002	25	30	30	115	3+3	G39
6150.025.003	25	35	35	120	3+3	A41
6150.025.004	25	40	40	125	3+3	H41





APPLICAZIONE/APPLICATION:

Forare e contornare pannelli in truciolare, MDF, HDF nobilitati.
Boring and sizing on paper laminated chipboard and MDF panels.

MACCHINA/MACHINE:

Pantografo CNC/CNC router.

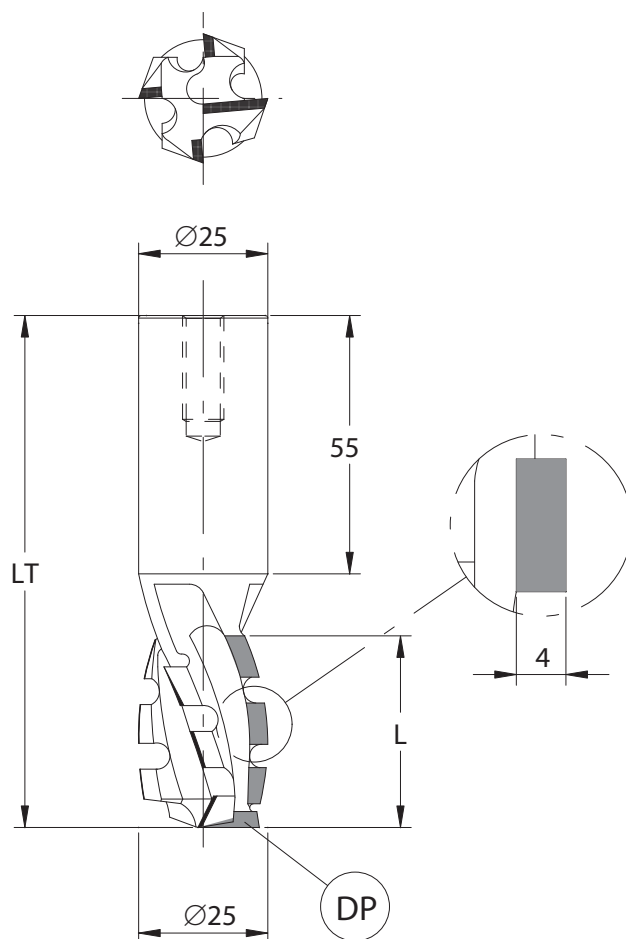
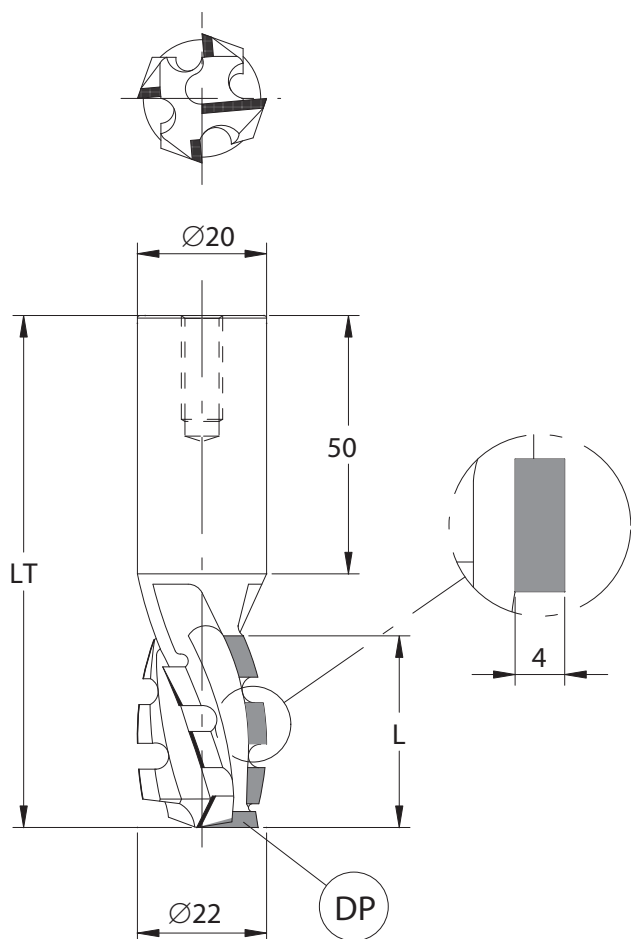
INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con tagliente frazionato in diamante standard a 4 divisioni.
Permette un'alta velocità di avanzamento con ottimo grado di finitura ed un elevato rendimento. Area affilabile 3 mm con attacco. **N. max 24.000 min⁻¹**
Manufactured with splitted compression cuts on 4 divisions for a full Z=2.
High performance cutter for a very high feed speed and excellent quality finishing.
N. max 24.000 min⁻¹.

DP

MEC

Codice Dx Rh Code	D D	L L	LT LT	Z Z	Cod. Prezzo Price Code	Codice Sx Lh Code	D D	L L	LT LT	Z Z	Cod.Prezzo Price Code
6033.022.022	22	22	82	2	M28	6034.022.022	22	22	82	2	E29
6033.022.028	22	28	87	2	H31	6034.022.028	22	28	87	2	B32
6033.022.034	22	34	94	2	M33	6034.022.034	22	34	94	2	C34
6033.022.039	22	39	100	2	D35	6034.022.039	22	39	100	2	G35
6033.025.044	25	44	105	2	F36	6034.025.044	25	44	105	2	H36
6033.025.050	25	50	110	2	G37	6034.025.050	25	50	110	2	L37
6033.025.055	25	55	115	2	D38	6034.025.055	25	55	115	2	F38
6033.025.060	25	60	120	2	M38	6034.025.060	25	60	120	2	B39





APPLICAZIONE/APPLICATION:

Forare e contornare pannelli in truciolare, MDF, HDF nobilitati e laminati.
Boring and sizing paper laminated chipboard and MDF panels.

MACCHINA/MACHINE:

Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con 3 taglienti a sviluppo elicoidale continuo.

Ideale per le lavorazioni ad alta velocità di avanzamento con ottimo scarico del truciolo. Vengono fornite con un attacco cilindrico d. 20x50.

N. max 24.000 min⁻¹.

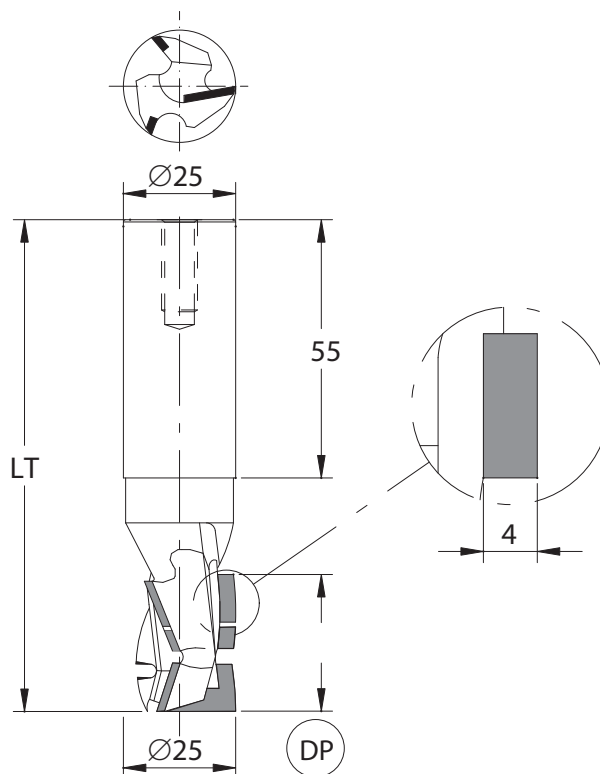
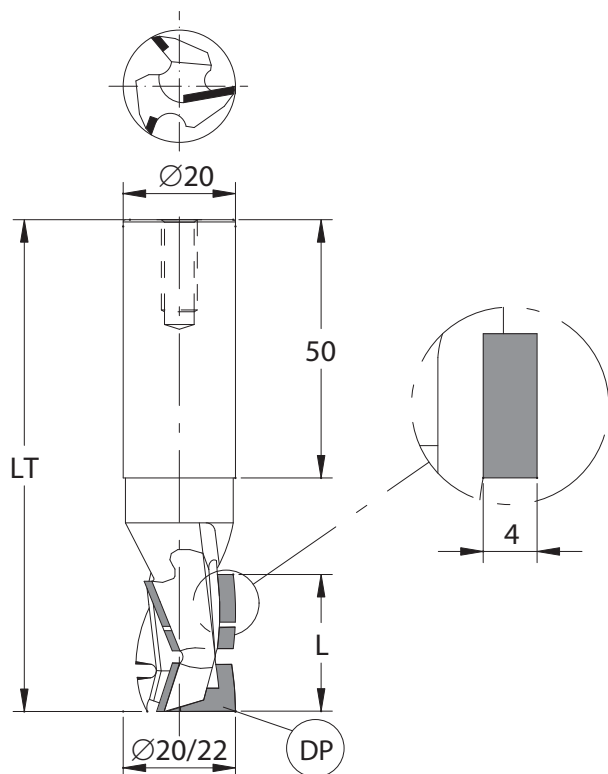
Manufactured with 3 flutes with continuous spiral design. Suitable for high feed speed with a very good chip evacuation. Supplied with cylindrical shank d.20x50.

N. max 24.000 min⁻¹.

DP

MEC

Codice Dx Rh Code	D D	L L	LT LT	Z Z	Cod. Prezzo Price Code	Codice Sx Lh Code	D D	L L	LT LT	Z Z	Cod.Prezzo Price Code
6138.020.025	20	25	85	3	D32	6139.020.025	20	25	85	3	L32
6138.020.030	20	30	95	3	M33	6139.020.030	20	30	95	3	C34
6138.020.040	20	40	105	3	A37	6139.020.040	20	40	105	3	E37
6138.022.025	22	25	85	3	D32	6139.022.025	22	25	85	3	L32
6138.022.030	22	30	95	3	M33	6139.022.030	22	30	95	3	C34
6138.022.040	22	40	105	3	A37	6139.022.040	22	40	105	3	E37
6138.025.025	25	25	105	3	D32	6139.025.025	25	25	105	3	L32
6138.025.030	25	30	110	3	M33	6139.025.030	25	30	110	3	C34
6138.025.035	25	35	115	3	H35	6139.025.035	25	35	115	3	A36
6138.025.040	25	40	117	3	A37	6139.025.040	25	40	117	3	E37
6138.025.045	25	45	122	3	B38	6139.025.045	25	45	122	3	D38
6138.025.050	25	50	127	3	L38	6139.025.050	25	50	127	3	A39
6138.025.055	25	55	132	3	G39	6139.025.055	25	55	132	3	L39
6138.025.060	25	60	137	3	D40	6139.025.060	25	60	137	3	F40
6138.025.065	25	65	142	3	A41	6139.025.065	25	65	142	3	B41





DP

MEC

APPLICAZIONE/APPLICATION:

Forare e contornare pannelli in truciolare, MDF, HDF nobilitati e laminati.
Boring and sizing paper laminated chipboard and MDF panels.

MACCHINA/MACHINE:

Pantografo CNC./CNC router.

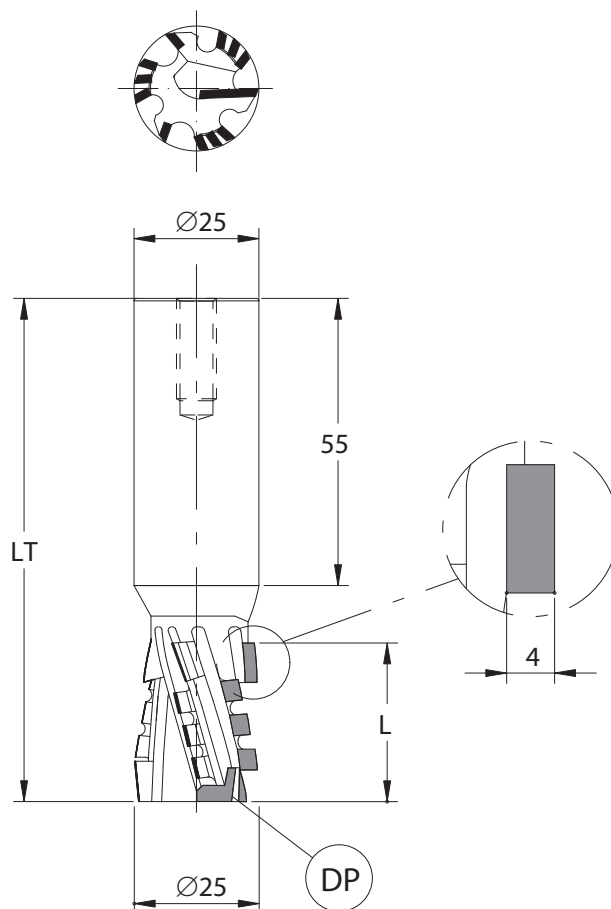
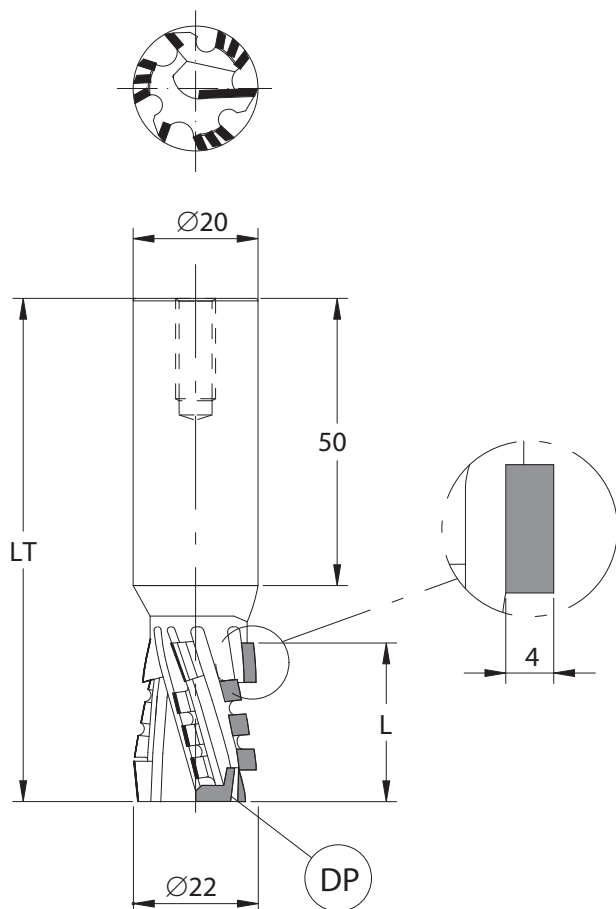
INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con 3 taglienti a sviluppo elicoidale interrotto.

Ideale per le lavorazioni ad alta velocità di avanzamento con ottimo scarico del truciolo.
La fresa è realizzata con 3 taglienti in presa sia sulla parte superiore che inferiore del pannello. Fresa d. 22 fornite con attacco d. 20x50. Fresa d. 25 fornite con attacco d. 25x55. **N. max 24.000 min⁻¹.**

*Manufactured with 3 flutes, splitted spiral design. Suitable for high feed speed with a very good chip evacuation. The cutter is designed with 3 cutting edges on the top and the bottom of the panel. Cutters d. 22 are supplied with d. 20x50 shank. Cutters d. 25 are supplied with d. 25x55 shank. **N. max 24.000 min⁻¹.***

Codice Dx Rh Code	D D	L L	LT LT	Z Z	Cod. Prezzo Price Code	Codice Sx Lh Code	D D	L L	LT LT	Z Z	Cod.Prezzo Price Code
6140.022.025	22	25	85	3	A34	6141.022.025	22	25	85	3	E34
6140.022.030	22	30	90	3	A34	6141.022.030	22	30	90	3	E34
6140.025.025	25	25	90	3	A34	6141.025.025	25	25	90	3	E34
6140.025.030	25	30	95	3	A34	6141.025.030	25	30	95	3	E34
6140.025.035	25	35	100	3	D35	6141.025.035	25	35	100	3	H35
6140.025.040	25	40	105	3	D35	6141.025.040	25	40	105	3	H35
6140.025.045	25	45	110	3	E36	6141.025.045	25	45	110	3	H36
6140.025.050	25	50	115	3	H36	6141.025.050	25	50	115	3	A37





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APPLICAZIONE/APPLICATION:

Forare e contornare pannelli in truciolare, MDF, HDF nobilitati e laminati.
Boring and sizing paper laminated chipboard and MDF panels.

MACCHINA/MACHINE:

Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione a sviluppo elicoidale in diamante tipo economico a 3 divisioni. Taglienti con inclinazione assiale contrapposta ed ottimo scarico del truciolo. Vengono fornite con attacco cilindrico d. 20x50. Adatta alle alte velocità di avanzamento.

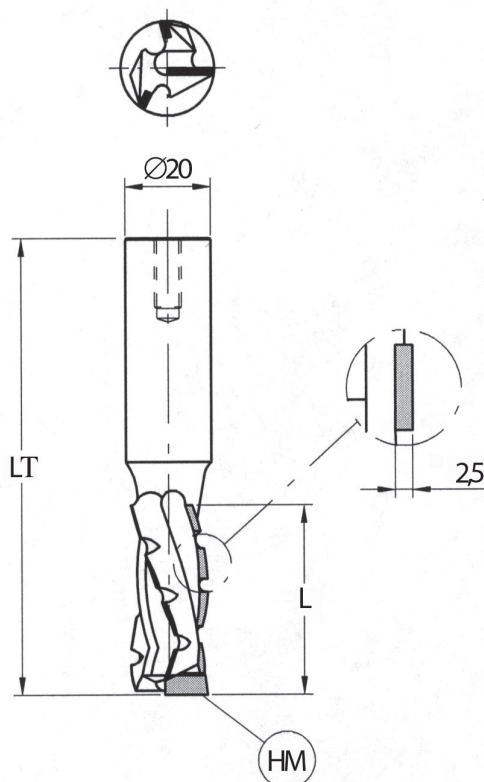
N. max 20.000 min⁻¹

Spiral body made with splitted compression diamond tips ECO TYPE.

Resharpener area 1 mm. Tips are positioned in opposite shear angle, very good chips evacuation. Supplied with cylindrical shank d. 20x50. Suitable for high feed speed.

N. max 20.000 min⁻¹.

Codice Dx Rh Code	D D	L L	LT LT	Z Z	Cod. Prezzo Price Code	Codice Sx Lh Code	D D	L L	LT LT	Z Z	Cod.Prezzo Price Code
6045.012.027	12	27	75	2	G21	6046.012.027	12	27	75	2	G22
6045.016.034	16	34	94	3	L27	6046.016.034	16	34	94	3	H28
6045.016.045	16	45	105	3	F30	6046.016.045	16	45	105	3	B31
6045.018.034	18	34	94	3	L27	6046.018.034	18	34	94	3	H28
6045.018.045	18	45	105	3	F30	6046.018.045	18	45	105	3	B31
6045.020.045	20	45	105	3	F30	6046.020.045	20	45	105	3	B31
6045.020.056	20	56	116	3	A33	6046.020.056	20	56	116	3	F33





APPLICAZIONE/APPLICATION:

Forare e contornare pannelli in truciolare, MDF, HDF nobilitati e laminati.
Boring and sizing paper laminated chipboard and MDF panels.

MACCHINA/MACHINE:

Pantografo CNC./CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con tagliente frazionato in diamante tipo economico. Viene costruita con doppio tagliente sul rivestimento superiore ed inferiore del pannello garantendo un'ottima finitura ed un alto rendimento. Vengono fornite con un attacco cilindrico d. 20x50. **N. max 20.000 min⁻¹.**

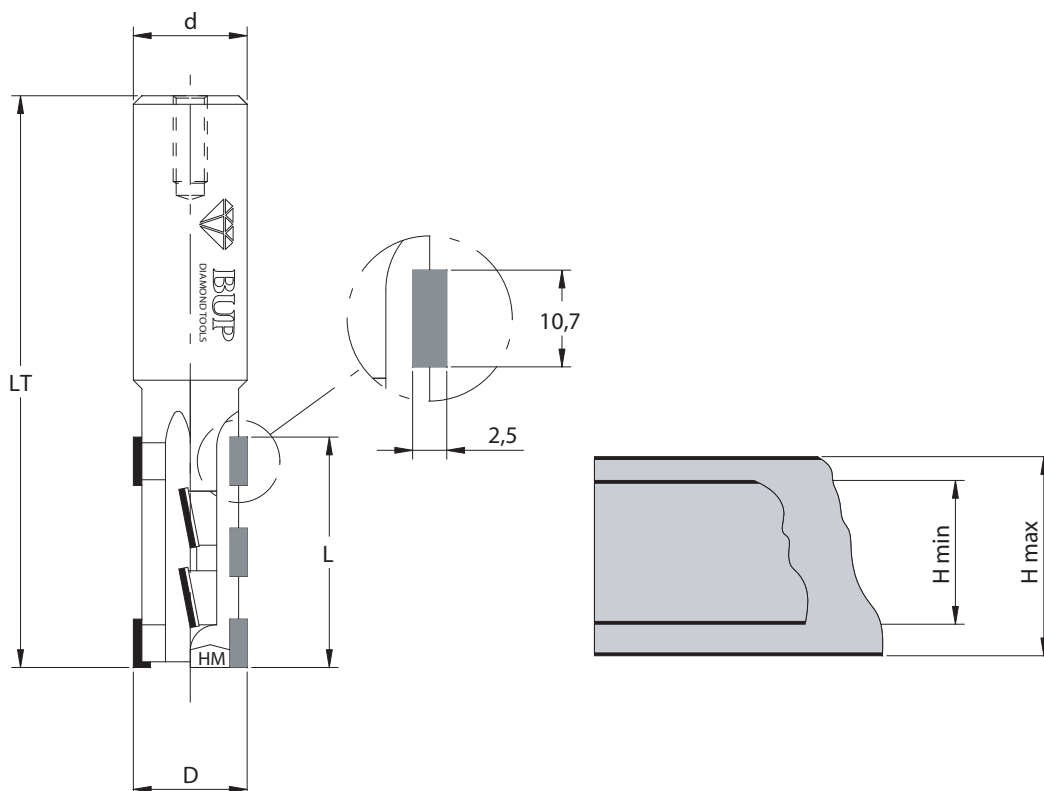
*Manufactured with splitted compression diamond tips ECO TYPE. Designed with double flute on top and bottom panel edges, it grants an excellent finishing and a very high performances. Supplied with cylindrical shank d.20x50. **N. max 20.000 min⁻¹.***

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Codice Dx Rh Code	D D	L L	LT LT	H min/max H min/max	Z Z	Cod. Prezzo Price Code
6136.020.023	20	25	85	12÷22	4+1	G21
6136.020.032	20	34	95	20÷30	4+2	D23
6136.020.040	20	43	105	28÷40	4+3	F24
6136.020.050	20	52	115	38÷48	4+4	H25

Codice Sx Lh Code	D D	L L	LT LT	H min/max H min/max	Z Z	Cod. Prezzo Price Code
6137.020.023	20	25	85	12÷22	4+1	F22
6137.020.032	20	34	95	20÷30	4+2	B24
6137.020.040	20	43	105	28÷40	4+3	D25
6137.020.050	20	52	115	38÷48	4+4	G26



6037 - 6038

FRESA PANTOGRAFO FORA E CONTORNA (TIPO ECONOMICO) PLUNGING - CUTTING DIAMOND ROUTER CUTTER (ECO TYPE)



APPLICAZIONE/APPLICATION:

Forare e contornare pannelli in truciolare, MDF, HDF nobilitati e laminati.
Boring and sizing paper laminated chipboard and MDF panels.

MACCHINA/MACHINE:

Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con tagliente frazionato in diamante tipo economico a 3 divisioni.
Inclinazione assiale contrapposta e ottimo scarico del truciolo. Vengono fornite con un attacco cilindrico d. 20x50. **N. max 20.000 min⁻¹**

Manufactured with splitted compression diamond tips ECO TYPE.

*Resharpener area 1 mm. Tips are positioned in opposite shear angle, very good chips evacuation. Supplied with cylindrical shank d.20x50. **N. max 20.000 min⁻¹.***

DP

MEC

Codice Dx Rh Code	D D	L L	LT LT	Z Z	Cod. Prezzo Price Code	Codice Sx Lh Code	D D	L L	LT LT	Z Z	Cod.Prezzo Price Code
6037.010.025	10	25	85	3+1	F17	6038.010.025	10	25	85	3+1	C18
6037.012.025	12	25	85	3+1	F17	6038.012.025	12	25	85	3+1	C18
6037.012.036	12	34	95	4+1	A20	6038.012.036	12	34	95	4+1	G20
6037.016.025	16	25	85	3+1	F17	6038.016.025	16	25	85	3+1	C18
6037.016.036	16	34	95	4+1	A20	6038.016.036	16	34	95	4+1	G20
6037.016.045	16	43	105	5+1	G21	6038.016.045	16	43	105	5+1	F22
6037.018.025	18	25	85	3+1	F17	6038.018.025	18	25	85	3+1	C18
6037.018.036	18	34	95	4+1	A20	6038.018.036	18	34	95	4+1	G20
6037.018.045	18	43	105	5+1	G21	6038.018.045	18	43	105	5+1	F22
6037.018.053	18	52	115	6+1	D23	6038.018.053	18	52	115	6+1	B24
6037.020.025	20	25	85	3+1	F17	6038.020.025	20	25	85	3+1	C18
6037.020.036	20	34	95	4+1	A20	6038.020.036	20	34	95	4+1	G20
6037.020.045	20	43	105	5+1	G21	6038.020.045	20	43	105	5+1	F22
6037.020.053	20	52	115	6+1	D23	6038.020.053	20	52	115	6+1	B24
6037.020.061	20	61	120	7+1	F24	6038.020.061	20	61	120	7+1	C25

