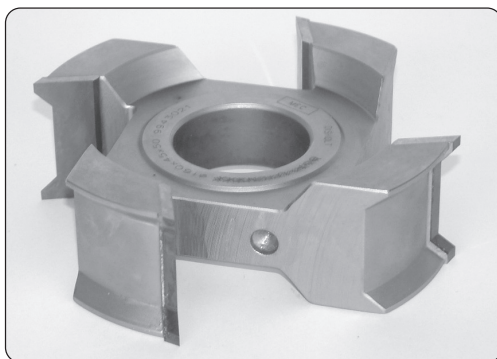


**APPLICAZIONE/APPLICATION:**

Per realizzare profili sagomati su disegno
For cutting profiles made on customer specifications.

MACCHINA/MACHINE:

Toupie, scorniatrici, profilatrici etc.
Spindle moulders, moulders, double-end tenoner, etc.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

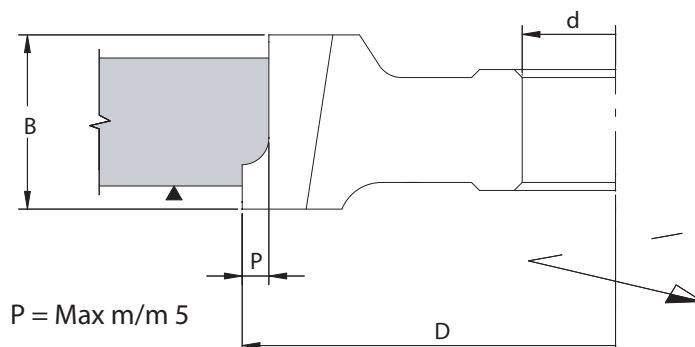
Foro "d" da 30 a 50 mm - Con taglienti diritti o assialmente inclinati in base al profilo richiesto
HM per legni abrasivi, incollati, esotici, MDF e truciolari • HSS per legni teneri e non incollati • Profondità di sagoma "P" Max 5 mm
Bore "d" from 30 to 50 mm • Designed with straight or shear cutting angles according to the profile HM for abrasive glued and hard woods, MDF or particleboard
• HSS for soft woods not glued • Max depth of profile "P" = 5 mm.

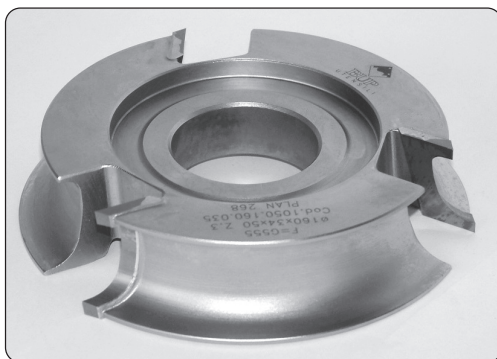
HW-HS**Z=4****MAN**Avanzamento manuale
Manual feed**MEC**Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	Cod. Prezzo Price Code	Codice Code	D D	B B	Cod. Prezzo Price Code	Codice Code	D D	B B	Cod. Prezzo Price Code
1015.100.010	100	10	L18	1015.140.010	140	10	M19	1015.180.010	180	10	G20
1015.100.020	100	20	H19	1015.140.020	140	20	F20	1015.180.020	180	20	C21
1015.100.030	100	30	F20	1015.140.030	140	30	C21	1015.180.030	180	30	M21
1015.100.040	100	40	D21	1015.140.040	140	40	B22	1015.180.040	180	40	L22
1015.100.050	100	50	E22	1015.140.050	140	50	B23	1015.180.050	180	50	L23
1015.100.060	100	60	F23	1015.140.060	140	60	B24	1015.180.060	180	60	G24
1015.100.070	100	70	E24	1015.140.070	140	70	M24	1015.180.070	180	70	F25
1015.100.080	100	80	M24	1015.140.080	140	80	F25	1015.180.080	180	80	A26
1015.100.090	100	90	F25	1015.140.090	140	90	A26	1015.180.090	180	90	F26
1015.100.100	100	100	A26	1015.140.100	140	100	F26	1015.180.100	180	100	A27
1015.120.010	120	10	E19	1015.160.010	160	10	D20	1015.200.010	200	10	A21
1015.120.020	120	20	B20	1015.160.020	160	20	M20	1015.200.020	200	20	G21
1015.120.030	120	30	L20	1015.160.030	160	30	G21	1015.200.030	200	30	D22
1015.120.040	120	40	H21	1015.160.040	160	40	E22	1015.200.040	200	40	B23
1015.120.050	120	50	L22	1015.160.050	160	50	F23	1015.200.050	200	50	A24
1015.120.060	120	60	L23	1015.160.060	160	60	D24	1015.200.060	200	60	M24
1015.120.070	120	70	H24	1015.160.070	160	70	C25	1015.200.070	200	70	H25
1015.120.080	120	80	C25	1015.160.080	160	80	H25	1015.200.080	200	80	D26
1015.120.090	120	90	H25	1015.160.090	160	90	D26	1015.200.090	200	90	L26
1015.120.100	120	100	D26	1015.160.100	160	100	L26	1015.200.100	200	100	D27

FRESE Z=3 sconto 10% art. 1010/Cutters Z=3 discount 10% art. 1010

FRESE Z=6 aumento 20% art. 1020/Cutters Z=6 increase 20% art. 1020



**APPLICAZIONE/APPLICATION:**

Per realizzare profili sagomati su disegno
For cutting profiles made on customer specifications.

MACCHINA/MACHINE:

Toupie, scorniciatrici, profilatrici etc.
Spindle moulders, moulders, double-end tenoner, etc.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

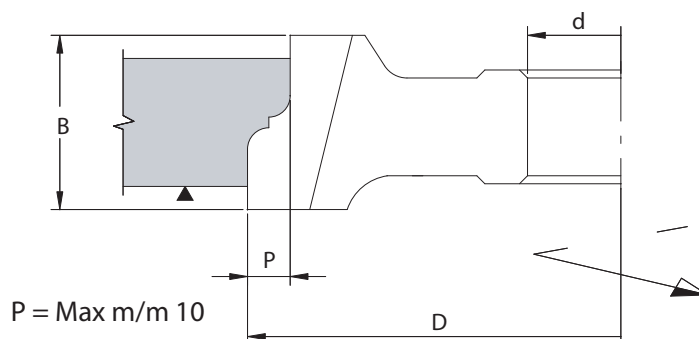
Foro "d" da 30 a 50 mm - Con taglienti diritti o assialmente inclinati in base al profilo richiesto
 HM per legni abrasivi, incollati, esotici, MDF e truciolari • HSS per legni teneri e non incollati • Profondità di sagoma "P" Max 10 mm
Bore "d" from 30 to 50 mm • Designed with straight or shear cutting angles according to the profile HM for abrasive glued and hard woods, MDF or particleboard • HSS for soft woods not glued. • Max depth of profile "P" = 10 mm.

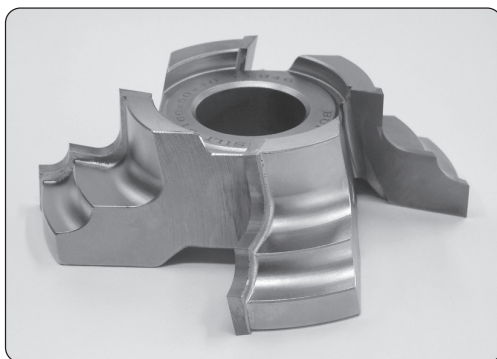
HW-HS**Z=4****MAN**Avanzamento manuale
Manual feed**MEC**Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	Cod. Prezzo Price Code	Codice Code	D D	B B	Cod. Prezzo Price Code	Codice Code	D D	B B	Cod. Prezzo Price Code
1035.100.010	100	10	F19	1035.140.010	140	10	D20	1035.180.010	180	10	E21
1035.100.020	100	20	D20	1035.140.020	140	20	B21	1035.180.020	180	20	H22
1035.100.030	100	30	E21	1035.140.030	140	30	C22	1035.180.030	180	30	L23
1035.100.040	100	40	E22	1035.140.040	140	40	B23	1035.180.040	180	40	H24
1035.100.050	100	50	E23	1035.140.050	140	50	A24	1035.180.050	180	50	H25
1035.100.060	100	60	C24	1035.140.060	140	60	H24	1035.180.060	180	60	G26
1035.100.070	100	70	A25	1035.140.070	140	70	F25	1035.180.070	180	70	A28
1035.100.080	100	80	F25	1035.140.080	140	80	B26	1035.180.080	180	80	D28
1035.100.090	100	90	B26	1035.140.090	140	90	G26	1035.180.090	180	90	G28
1035.100.100	100	100	G26	1035.140.100	140	100	B27	1035.180.100	180	100	L28
1035.120.010	120	10	M19	1035.160.010	160	10	G20	1035.200.010	200	10	E22
1035.120.020	120	20	H20	1035.160.020	160	20	E21	1035.200.020	200	20	F23
1035.120.030	120	30	L21	1035.160.030	160	30	G22	1035.200.030	200	30	F24
1035.120.040	120	40	L22	1035.160.040	160	40	M23	1035.200.040	200	40	F25
1035.120.050	120	50	L23	1035.160.050	160	50	B25	1035.200.050	200	50	F26
1035.120.060	120	60	F24	1035.160.060	160	60	A26	1035.200.060	200	60	G27
1035.120.070	120	70	D25	1035.160.070	160	70	L26	1035.200.070	200	70	M28
1035.120.080	120	80	L25	1035.160.080	160	80	C27	1035.200.080	200	80	A30
1035.120.090	120	90	D26	1035.160.090	160	90	F27	1035.200.090	200	90	F30
1035.120.100	120	100	M26	1035.160.100	160	100	L27	1035.200.100	200	100	M30

FRESE Z=3 sconto 10% art. 1030/Cutters Z=3 discount 10% art. 1030

FRESE Z=6 aumento 20% art. 1040/Cutters Z=6 increase 20% art. 1040



**APPLICAZIONE/APPLICATION:**

Per realizzare profili sagomati su disegno
For cutting profiles made on customer specifications.

MACCHINA/MACHINE:

Toupie, scorniatrici, profilatrici etc.
Spindle moulders, moulders, double-end tenoner, etc.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

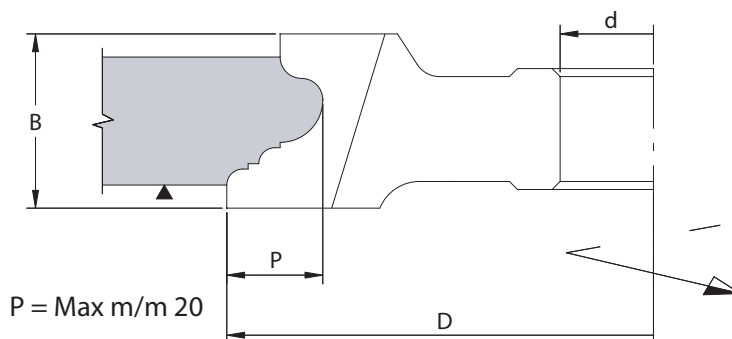
Foro "d" da 30 a 50 mm - Con taglienti diritti o assialmente inclinati in base al profilo richiesto HM per legni abrasivi, incollati, esotici, MDF e truciolari • HSS per legni teneri e non incollati • Profondità di sagoma "P" Max 20 mm
Bore "d" from 30 to 50 mm • Designed with straight or shear cutting angles according to the profile HM for abrasive glued and hard woods, MDF or particleboard • HSS for soft woods not glued. • Max depth of profile "P" = 20 mm.

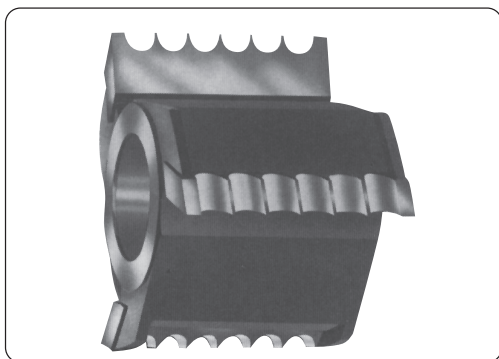
HW-HS**Z=4****MAN**Avanzamento manuale
Manual feed**MEC**Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	Cod. Prezzo Price Code	Codice Code	D D	B B	Cod. Prezzo Price Code	Codice Code	D D	B B	Cod. Prezzo Price Code
1055.100.010	100	10	A21	1055.140.010	140	10	H21	1055.180.010	180	10	L22
1055.100.020	100	20	L21	1055.140.020	140	20	F22	1055.180.020	180	20	A24
1055.100.030	100	30	B24	1055.140.030	140	30	G24	1055.180.030	180	30	L25
1055.100.040	100	40	L24	1055.140.040	140	40	D25	1055.180.040	180	40	H26
1055.100.050	100	50	F25	1055.140.050	140	50	B26	1055.180.050	180	50	H27
1055.100.060	100	60	D26	1055.140.060	140	60	L26	1055.180.060	180	60	H28
1055.100.070	100	70	B27	1055.140.070	140	70	G27	1055.180.070	180	70	B30
1055.100.080	100	80	G27	1055.140.080	140	80	B28	1055.180.080	180	80	D30
1055.100.090	100	90	E28	1055.140.090	140	90	M28	1055.180.090	180	90	G30
1055.100.100	100	100	B29	1055.140.100	140	100	G29	1055.180.100	180	100	M30
1055.120.010	120	10	D21	1055.160.010	160	10	A22	1055.200.010	200	10	L23
1055.120.020	120	20	B22	1055.160.020	160	20	M22	1055.200.020	200	20	G24
1055.120.030	120	30	E24	1055.160.030	160	30	A25	1055.200.030	200	30	F26
1055.120.040	120	40	B25	1055.160.040	160	40	A26	1055.200.040	200	40	F27
1055.120.050	120	50	L25	1055.160.050	160	50	B27	1055.200.050	200	50	G28
1055.120.060	120	60	F26	1055.160.060	160	60	B28	1055.200.060	200	60	H29
1055.120.070	120	70	E27	1055.160.070	160	70	L28	1055.200.070	200	70	M30
1055.120.080	120	80	M27	1055.160.080	160	80	C29	1055.200.080	200	80	H31
1055.120.090	120	90	G28	1055.160.090	160	90	L29	1055.200.090	200	90	A32
1055.120.100	120	100	D29	1055.160.100	160	100	C30	1055.200.100	200	100	E32

FRESE Z=3 sconto 10% art. 1050/Cutters Z=3 discount 10% art. 1050

FRESE Z=6 aumento 20% art. 1060/Cutters Z=6 increase 20% art. 1060



**APPLICAZIONE/APPLICATION:**

Per la realizzazione contemporanea di più bastoncini lisci
For cutting smooth dowels.

MACCHINA/MACHINE:

Scorniciatrici/Moulders.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Impiego a coppie • Nr. giri ottimale fino ad un avanzamento di 15 mt./min. - $n = 6.000 \text{ min}^{-1}$

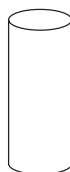
• Codice fresa = ART. + D + B • Esempio: fresa D. 120 per realizzare 6 bastoncini d. 8
zigrinati - Codice 1095.120.061

Use in pairs • Optimal RPM $n = 6.000 \text{ min}^{-1}$ up to a feed rate of 15 m min⁻¹

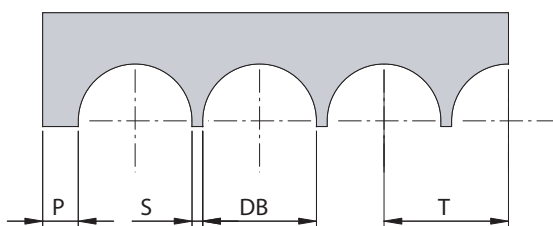
• Cutter code = ART. + D + B • Example = Cutter D. 120 to obtain 6 serrated dowels d.8
Code = 1095.120.061

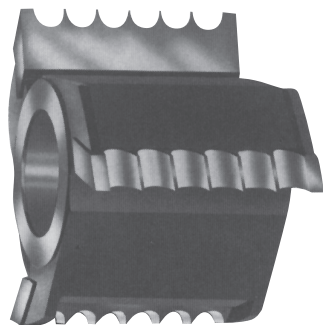
HW**Z=3****MEC**

Avanzamento meccanico
Mechanical feed



Diam. bastoncino/Dowel diam.	DB	6	8	10	12	14	16	18	20
Dentello/Spl. point	S	1	1	1	1,5	1,5	1,5	1,5	2
Passo/Pitch	T	7	9	11	13,5	15,5	17,5	19,5	22
Ras. esterno/Square end	P	4	4	5	5	5	5	5	7
Diam. fresa/Cutter diameter	D	120	120	120	120	120	140	140	140
Spess. fresa/Thickness	B	21	25	31	33	40	44	48	56
Cod. prezzo/Price code		D24	L24	B25	G25	M25	M26	E27	F28
Spess. fresa/Thickness	B	28	34	42	49	55	61	67	78
Cod. prezzo/Price code		B25	G25	D26	C27	G27	B29	B30	L30
Spess. fresa/Thickness	B	35	43	53	63	71	79	87	100
Cod. prezzo/Price code		C26	M26	F27	L28	M29	A31	M31	L32
Spess. fresa/Thickness	B	42	52	64	76	86	96	106	122
Cod. prezzo/Price code		A27	A28	D29	F30	A31	E32	G33	E34
Spess. fresa/Thickness	B	49	61	75	90	102	114	126	144
Cod. prezzo/Price code		G27	D29	D30	F31	D32	L33	F34	C35
Spess. fresa/Thickness	B	56	70	86	103	117	131	145	
Cod. prezzo/Price code		D29	F30	D31	G32	L33	F34	C35	
Spess. fresa/Thickness	B	63	79	97	117	133	149		
Cod. prezzo/Price code		M29	A31	B32	B33	C34	F35		
Spess. fresa/Thickness	B	70	88	108					
Cod. prezzo/Price code		F30	E31	G32					
Spess. fresa/Thickness	B	77	97	119					
Cod. prezzo/Price code		D31	D32	G33					



**APPLICAZIONE/APPLICATION:**

Per la realizzazione contemporanea di più bastoncini zigrinati
For cutting serrated dowels.

MACCHINA/MACHINE:

Scorniciatrici./Moulders

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Impiego a coppie • Nr. giri ottimale fino ad un avanzamento di 15 mt./min. $n = 6.000 \text{ min}^{-1}$

• Codice fresa = ART. + D + B

• Esempio: fresa D. 120 per realizzare 6 bastoncini d. 8 zigrinati - Codice 1095.120.061

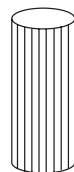
Use in pairs • Optimal RPM $n = 6.000 \text{ min}^{-1}$ up to a feed rate of 15 m min^{-1}

• Cutter code = ART. + D + B

• Example = Cutter D. 120 to obtain 6 serrated dowels d.8 - Code = 1095.120.061

HW**Z=3****MEC**

Avanzamento meccanico
Mechanical feed



Diam. bastoncino/Dowel diam.	DB	6	8	10	12	14	16	18	20
Dentello/Spl. point	S	1	1	1	1,5	1,5	1,5	1,5	2
Passo/Pitch	T	7	9	11	13,5	15,5	17,5	19,5	22
Ras. esterno/Square end	P	4	4	5	5	5	5	5	7
Diam. fresa/Cutter diameter	D	120	120	120	120	120	140	140	140

2

Spess. fresa/Thickness	B	21	25	31	33	40	44	48	56
Cod. prezzo/Price code		G26	D27	H27	G28	A29	C30	M30	H31

3

Spess. fresa/Thickness	B	28	34	42	49	55	61	67	78
Cod. prezzo/Price code		H27	G28	F29	H30	B31	D32	B33	L33

4

Spess. fresa/Thickness	B	35	43	53	63	71	79	87	100
Cod. prezzo/Price code		E29	C30	B31	A32	A33	A34	L34	F35

5

Spess. fresa/Thickness	B	42	52	64	76	86	96	106	122
Cod. prezzo/Price code		E30	C31	F32	F33	A34	C35	C36	M36

6

Spess. fresa/Thickness	B	49	61	75	90	102	114	126	144
Cod. prezzo/Price code		B31	F32	D33	F34	B35	C36	M36	G37

7

Spess. fresa/Thickness	B	56	70	86	103	117	131	145	
Cod. prezzo/Price code		F32	F33	C34	E35	C36	M36	G37	

8

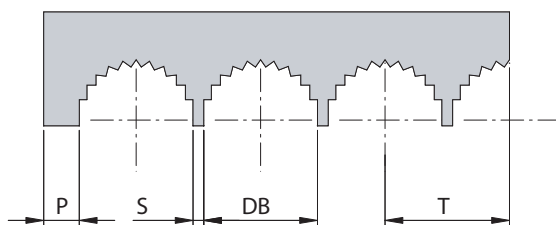
Spess. fresa/Thickness	B	63	79	97	117	133	149		
Cod. prezzo/Price code		A33	A34	M34	L35	G36	M37		

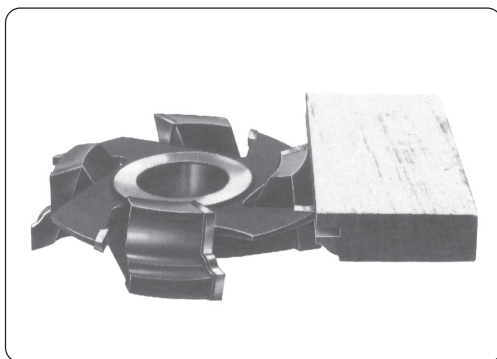
9

Spess. fresa/Thickness	B	70	88	108					
Cod. prezzo/Price code		G33	D34	E35					

10

Spess. fresa/Thickness	B	77	97	119					
Cod. prezzo/Price code		C34	B35	C36					





APPLICAZIONE/APPLICATION:

Gruppo di 2 frese per la profilatura di antine per mobili
Set of 2 cutters for profiling of kitchen doors.

MACCHINA/MACHINE:

Scorniciatrici/Moulders.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con tagli assialmente inclinati per ottima finitura del pezzo • Regolazione con anelli per lavorazione di diversi spessori di legno • Fresa per canali a spessore regolabile con anelli. Esecuzione con profilo sagomato per smussare il canale.

Designed with shear cutting angle for very good finishing on the wood

• Adjustable with spacers to work different thickness of wood

• Grooving cutter adjustable by rings and profiled for bevelled groove.

HW

Z=4

MEC

Avanzamento meccanico
Mechanical feed

D. 140 - n. 5.200-9.000 min⁻¹

D. 160 - n. 4.800-8.200 min⁻¹

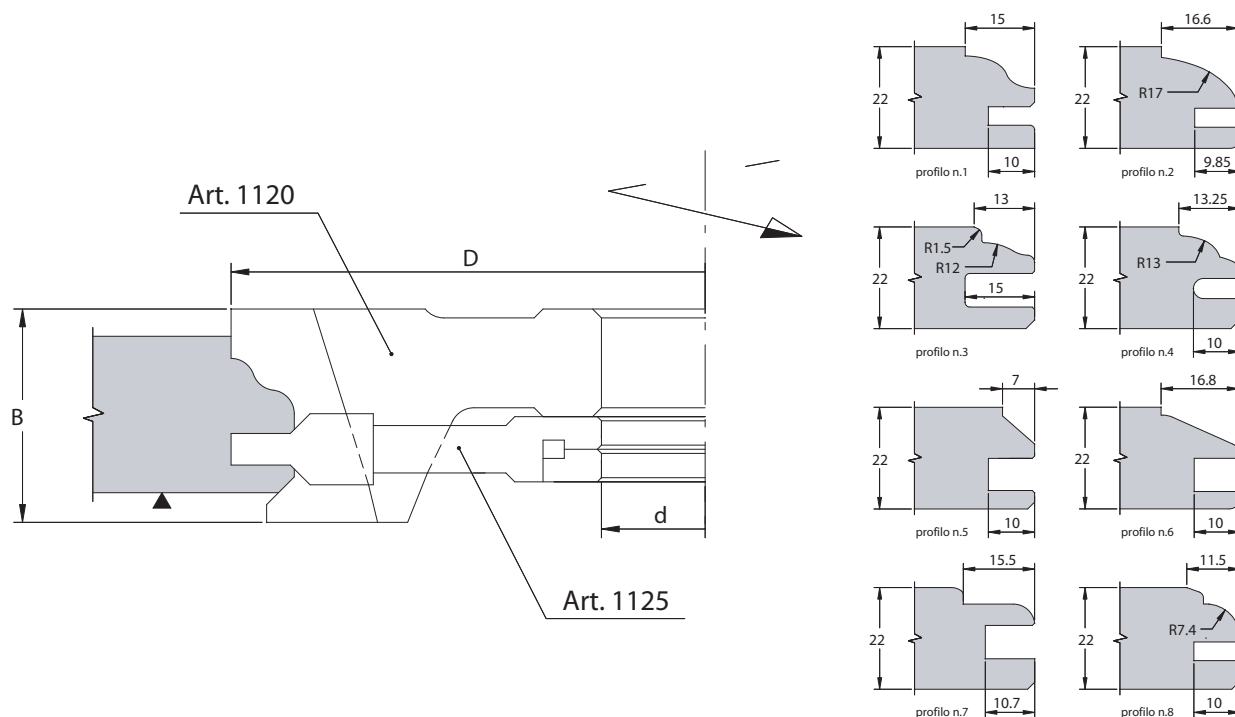
Art. 1120 - FRESA SAGOMATA/PROFILE CUTTER

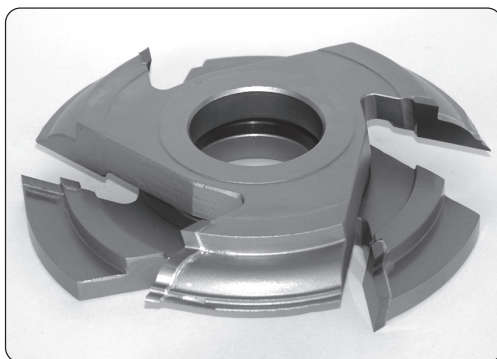
Codice Code	D D	B B	Cod. Prezzo Price Code
1120.140.030	140	30	A23
1120.140.035	140	35	F23
1120.140.040	140	40	M23
1120.160.030	160	30	F23
1120.160.035	160	35	C24
1120.160.040	160	40	F24

Art. 1125 - FRESA CANALE REGOLABILE/GROOVING CUTTER

Codice Code	D D	B B	Cod. Prezzo Price Code
1125.120.004	120	4÷7,5	D21
1125.140.004	140	4÷7,5	C22
1125.160.004	160	4÷7,5	H23

ESEMPI DI PROFILI / PROFIL SAMPLE





APPLICAZIONE/APPLICATION:

Gruppo di 2 frese per la profilatura di antine per mobili
Set of 2 cutters for profiling of kitchen doors.

MACCHINA/MACHINE:

Toupie e squadratrici automatiche
Spindle shapers and automatic double-end tenoners.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con tagli assialmente inclinati per ottima finitura del pezzo

- Regolazione con anelli per lavorazione di diversi spessori di legno.
Designed with shear cutting angle for very good finishing on the wood
- Adjustable with spacers to work different thickness of wood.

D. 140 - n. 5.500-9.400 min⁻¹
D. 180 - n. 4.800-8.200 min⁻¹

D. 160 - n. 5.200-8.800 min⁻¹
D. 200 - n. 4.500-7.700 min⁻¹

HW

MAN

Avanzamento manuale
Manual feed

Z=4

MEC

Avanzamento meccanico
Mechanical feed

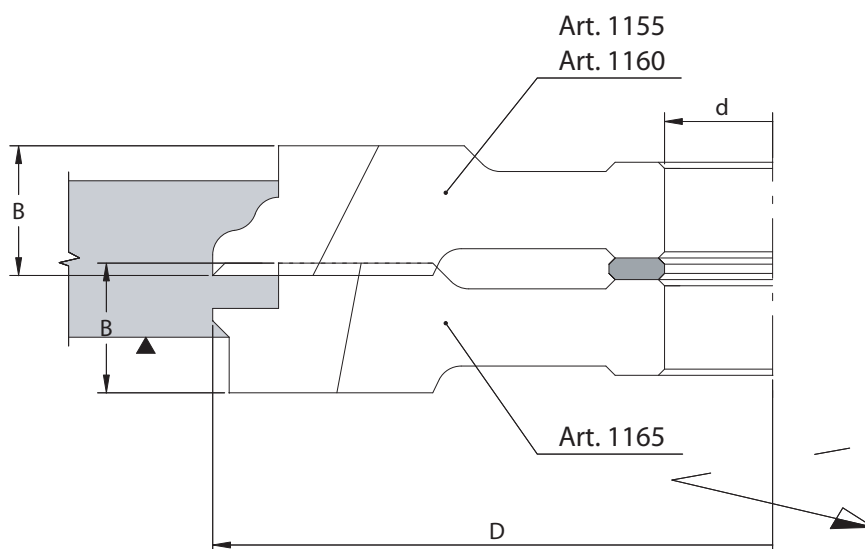
Codice Code	D D	B B	Cod. Prezzo Price Code
1155.140.020	140	20	M21
1155.160.020	160	20	D22
1155.180.020	180	20	H23
1155.200.020	200	20	F24

Z=4+2

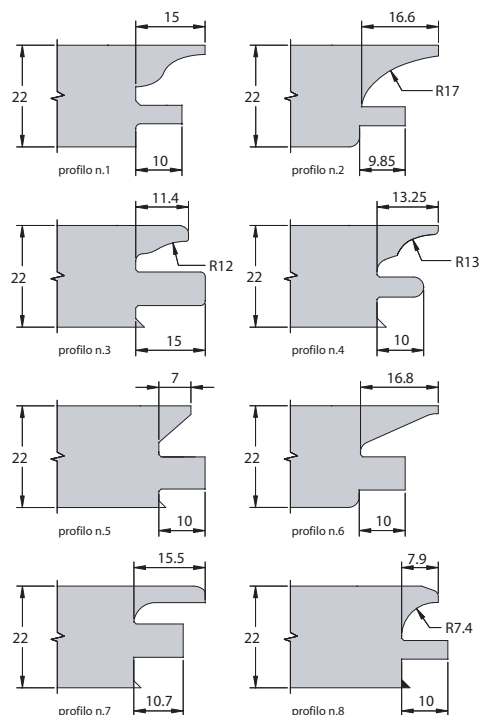
Codice Code	D D	B B	Cod. Prezzo Price Code
1160.140.020	140	20	G24
1160.160.020	160	20	M24
1160.180.020	180	20	L25
1160.200.020	200	20	M26

Z=4

Codice Code	D D	B B	Cod. Prezzo Price Code
1165.140.020	140	20	M21
1165.160.020	160	20	D22
1165.180.020	180	20	H23
1165.200.020	200	20	F24

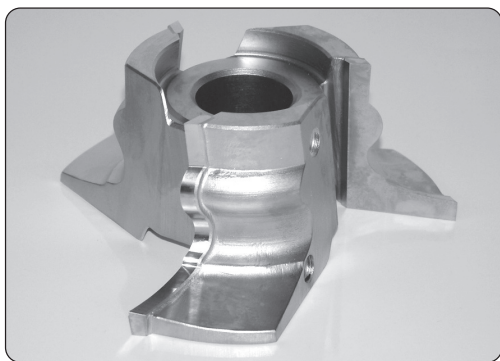


ESEMPI PROFILI / PROFILE SAMPLE



1245

FRESE PER CORRIMANO PROFILE CUTTERS FOR HANDRAIL



APPLICAZIONE/APPLICATION:

Fresa sagomata per l'esecuzione di corrimano
For profiling of handrails.

MACCHINA/MACHINE:

Toupie e scorniciatrici
Spindle shapers, moulders.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con 2 taglienti paralleli all'asse • Foro "d" da 30 a 50 mm.
Designed with 2 straight cuts • Bore "d" from 30 to 50 mm.

n. 4.000-8.000 min⁻¹

HW

Z=2

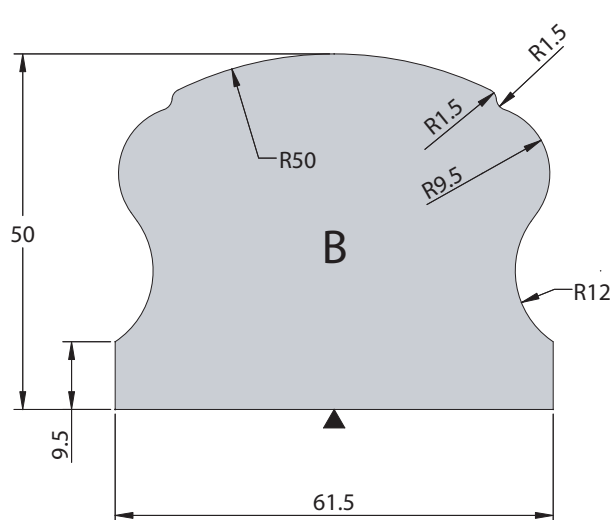
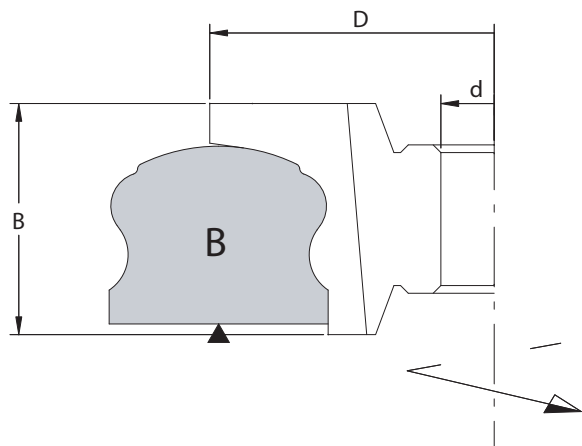
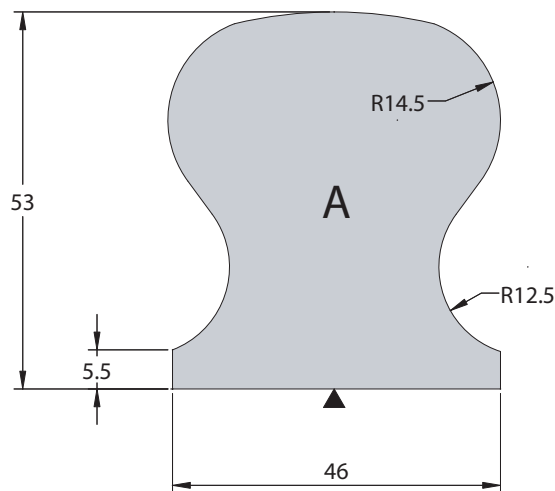
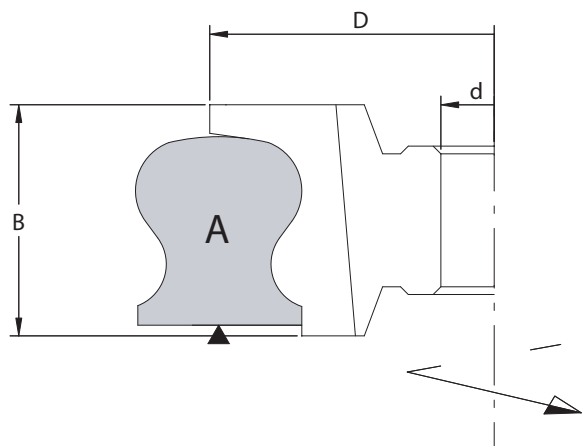
MAN

Avanzamento manuale
Manual feed

MEC

Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	Profilo Profile	Cod. Prezzo Price Code
1245.160.001	160	65	A	L25
1245.160.002	160	65	B	L25



1315 - 1325

FRESE SAGOMATE MULTIPROFILO MULTIPROFILE CUTTERS



APPLICAZIONE/APPLICATION:

Fresa sagomata multiprofilo per cornici, listelli fermavetro e sagomature varie anche in più passaggi/*Multi-purpose cutters for mouldings in one or more working operations.*

MACCHINA/MACHINE:

Toupie e scorniciatrici/*Spindle shapers, moulders.*

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con 2 taglienti paralleli all'asse • Foro "d" da 30 a 40 mm.
Designed with 2 straight cuts • Bore "d" from 30 to 40 mm.

n. 5.000-9.300 min⁻¹

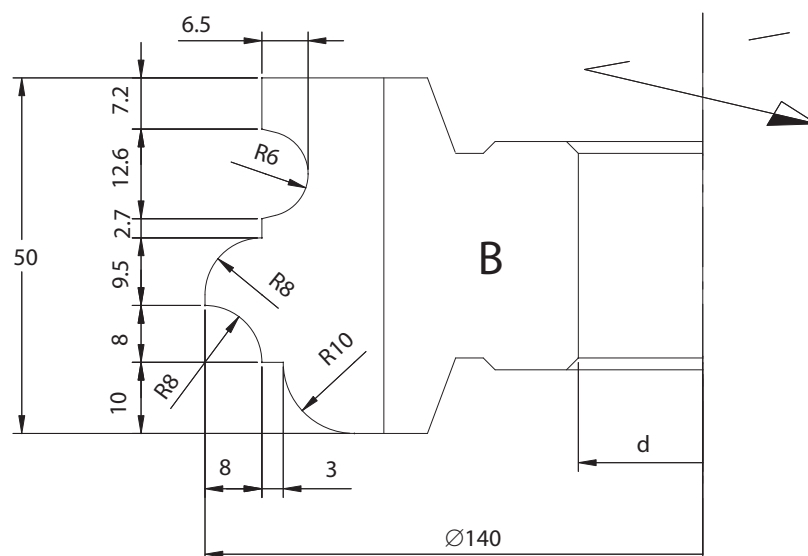
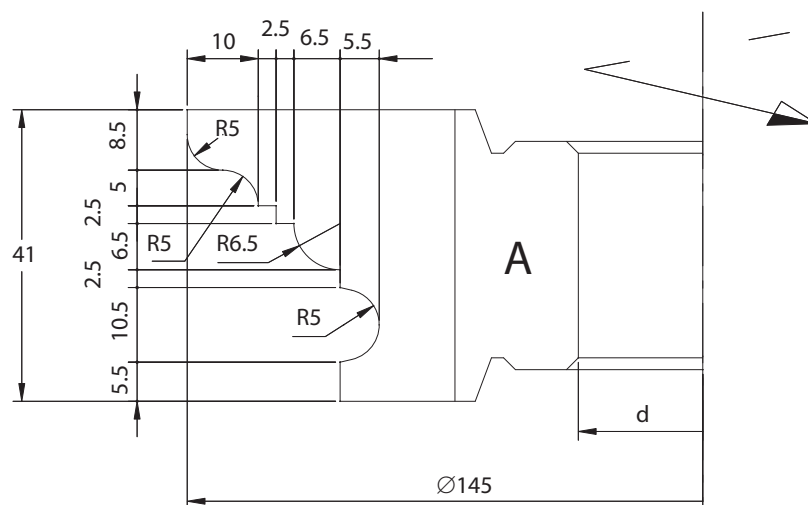
HW

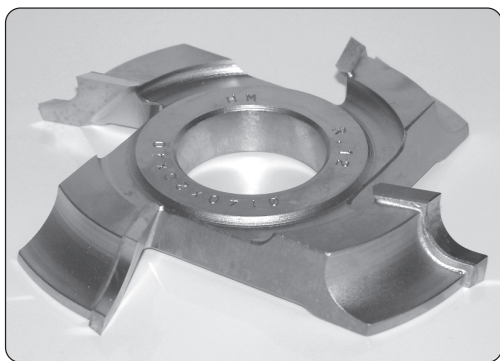
Z=2

MAN

Avanzamento manuale
Manual feed

Codice Code	D D	B B	Profilo Profile	Cod. Prezzo Price Code
1315.145.041	145	41	A	A23
1325.140.050	140	50	B	D23

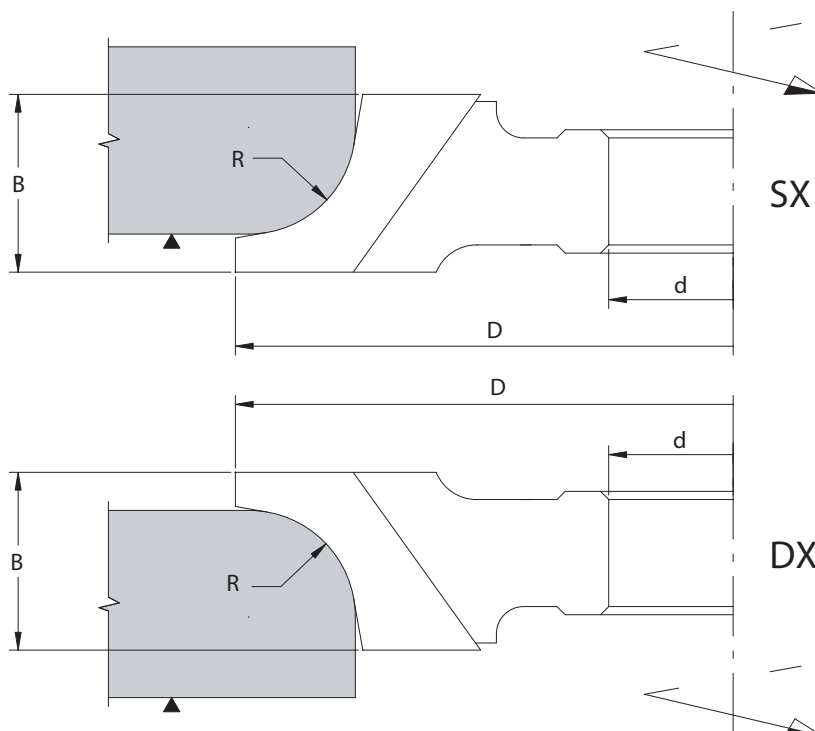


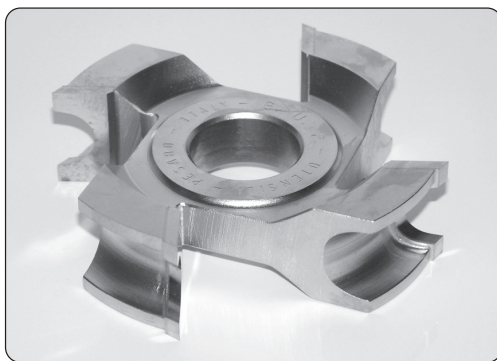
**APPLICAZIONE/APPLICATION:**

Fresa sagomata per quarti di tondo/Profile cutter for quarter round.

MACCHINA/MACHINE:Toupie e scorniciatrici, squadratrici
Spindle shapers, moulders and double-end tenoners.**INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:**Esecuzione con 4 taglienti assialmente inclinati • Foro "d" da 30 a 50 mm.
Designed with 4 shear cuts • Bore "d" from 30 to 50 mm.D. 140 - n. 5.500-9.400 min⁻¹D. 160 - n. 4.800-8.200 min⁻¹D. 180 - n. 4.500-7.700 min⁻¹**HW****Z=4****MAN**Avanzamento manuale
Manual feed**MEC**Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	R R	Cod. Prezzo Price Code
1345.140.015	140	15	5	L19
1345.140.016	140	16	7,5	M19
1345.140.018	140	18	10	A20
1345.140.020	140	20	12,5	F20
1345.140.025	140	25	15	A21
1345.140.030	140	30	20	L21
1345.160.035	160	35	25	A23
1345.160.040	160	40	30	A24
1345.180.045	180	45	35	G26
1345.180.050	180	50	40	C27



**APPLICAZIONE/APPLICATION:**

Fresa sagomata per esecuzione di mezzi tondi.
Nelle ordinazioni indicare sempre fig.1 o fig.2.
Profile cutter for half rounds.

MACCHINA/MACHINE:

Toupie e scorniciatrici, squadratrici.
Spindle shapers, moulders and double-end tenoners.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con 4 taglienti paralleli all'asse • Foro "d" da 30 a 50 mm.
Designed with 4 straight cuts • Bore "d" from 30 to 50 mm.

R. 5:7,5 n. 5.500-9.400 min⁻¹
R. 10:12,5 n. 4.800-8.200 min⁻¹
R. 15:20 n. 4.500-7.700 min⁻¹

HW

Z=4

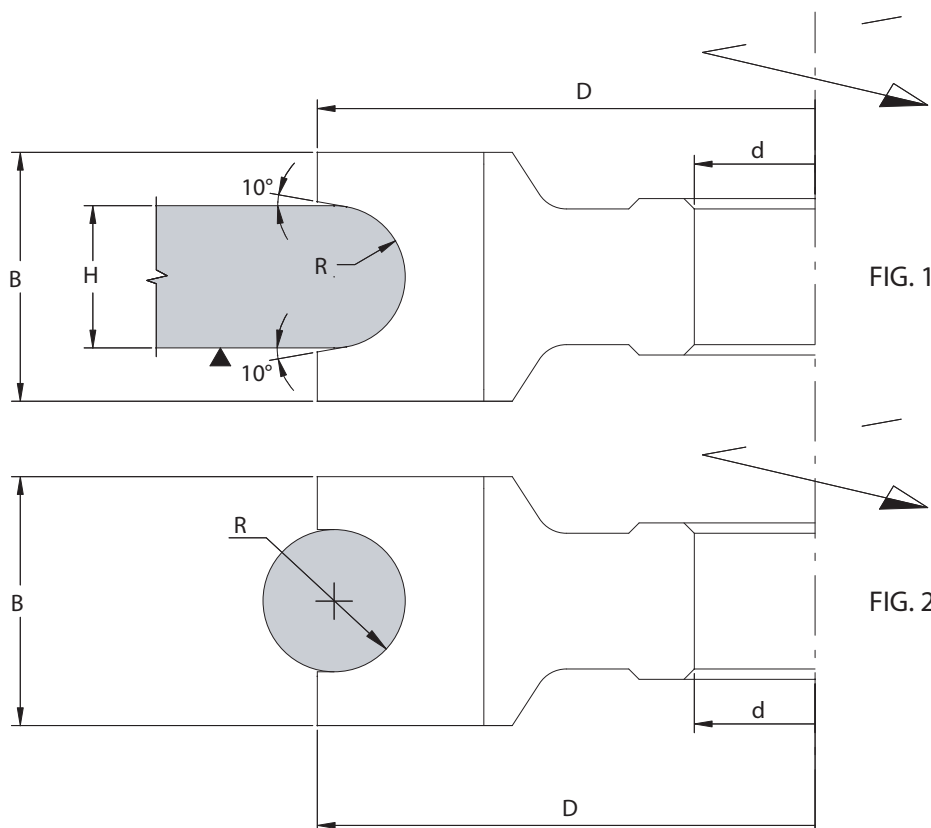
MAN

Avanzamento manuale
Manual feed

MEC

Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	R R	H H	Cod. Prezzo Price Code
1350.140.020	140	20	5	10	M20
1350.140.022	140	22	6	12	D21
1350.140.025	140	25	7,5	15	G21
1350.140.035	140	35	10	20	G22
1350.140.040	140	40	12,5	25	B23
1350.140.045	140	45	15	30	H23
1350.140.055	140	55	20	40	C26



**APPLICAZIONE/APPLICATION:**

Fresa sagomata per quarti di tondo/Profile cutter for quarter round.

MACCHINA/MACHINE:Toupie e scorniciatrici, squadratrici
Spindle shapers, moulders and double-end tenoners.**INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:**Esecuzione con 4 taglienti assialmente inclinati • Foro "d" da 30 a 50 mm.
Designed with 4 shear cuts • Bore "d" from 30 to 50 mm.D. 140 - n. 5.500-9.400 min⁻¹D. 160 - n. 4.800-8.200 min⁻¹D. 180 - n. 4.500-7.700 min⁻¹

HW

Z=4

MAN

Avanzamento manuale
Manual feed

MEC

Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	R R	Cod. Prezzo Price Code
1375.140.010	140	10	5	F19
1375.140.013	140	13	7,5	H19
1375.140.015	140	15	10	M19
1375.140.018	140	18	12,5	A20
1375.140.020	140	20	15	F20
1375.140.025	140	25	20	A21
1375.160.030	160	30	25	D22
1375.160.035	160	35	30	A23
1375.180.040	180	40	35	A26
1375.180.045	180	45	40	G26

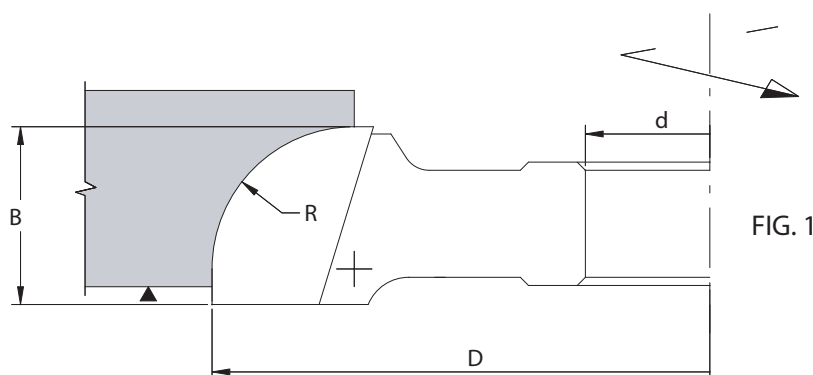


FIG. 1

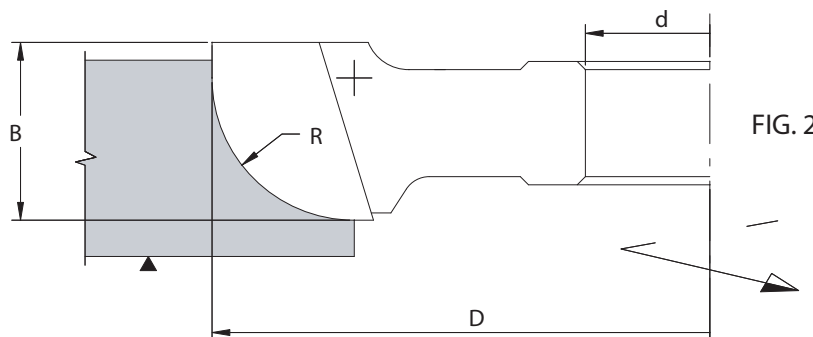
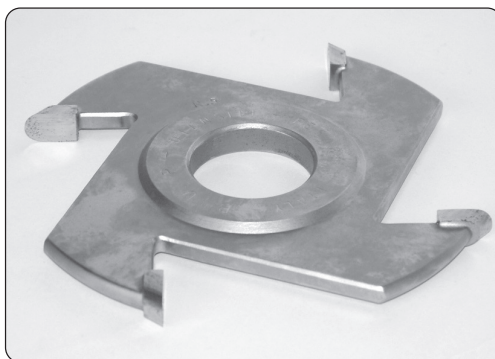


FIG. 2

1380

FRESE PER MEZZI TONDI CUTTER FOR HALF ROUND



APPLICAZIONE/APPLICATION:

Fresa sagomata per esecuzione di mezzi tondi
Profile cutter for half rounds.

MACCHINA/MACHINE:

Toupie e scorniciatrici, squadratrici
Spindle shapers, moulders and double-end tenoners.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con 4 taglienti paralleli all'asse • Foro "d" da 30 a 50 mm.
Designed with 4 straight cuts • Bore "d" from 30 to 50 mm.

R. 5:7,5 n. 5.500-9.400 min⁻¹
R. 10:12,5 n. 4.800-8.200 min⁻¹
R. 15:20 n. 4.500-7.700 min⁻¹

HW

Z=4

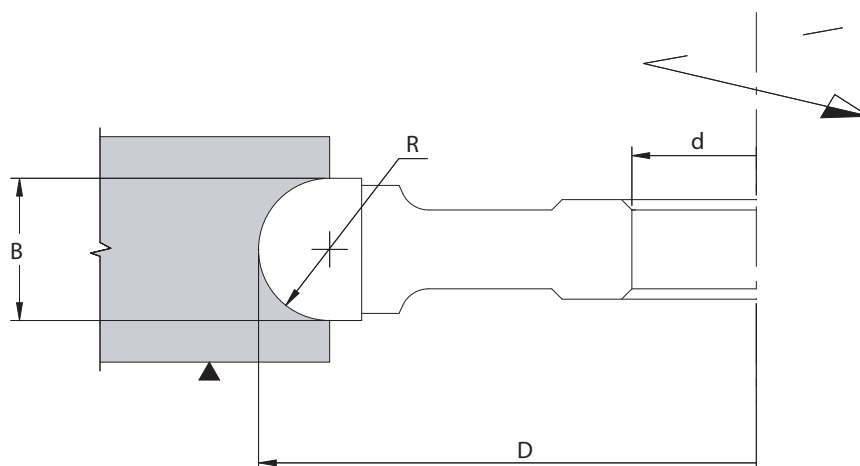
MAN

Avanzamento manuale
Manual feed

MEC

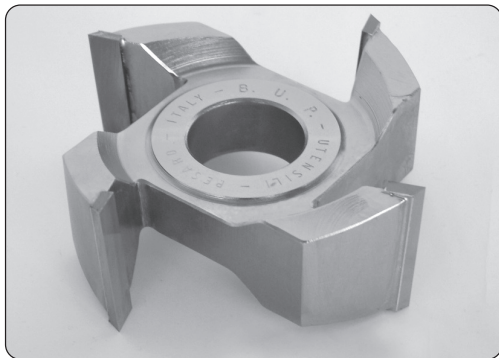
Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	R R	Cod. Prezzo Price Code
1380.140.010	140	10	5	F19
1380.140.012	140	12	6	H19
1380.140.015	140	15	7,5	M19
1380.140.020	140	20	10	F20
1380.140.025	140	25	12,5	A21
1380.140.030	140	30	15	F21
1380.140.040	140	40	20	A23



1460

FRESE PER BATTUTE JOINTING/RABBETING CUTTERS



APPLICAZIONE/APPLICATION:

Fresa per squadrare ed eseguire battute/For jointing and rabbeting.

MACCHINA/MACHINE:

Toupie e scorniciatrici, squadratrici
Spindle shapers, moulders and double-end tenoners.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con 4 taglienti inclinati ed alternati per ottima finitura

• Foro "d" da 30 a 50 mm.

Designed with 4 alternate shear cuts for good finishing on workpiece

• Bore "d" from 30 to 50 mm.

n. 6.000-9.500 min⁻¹

HW

Z=4

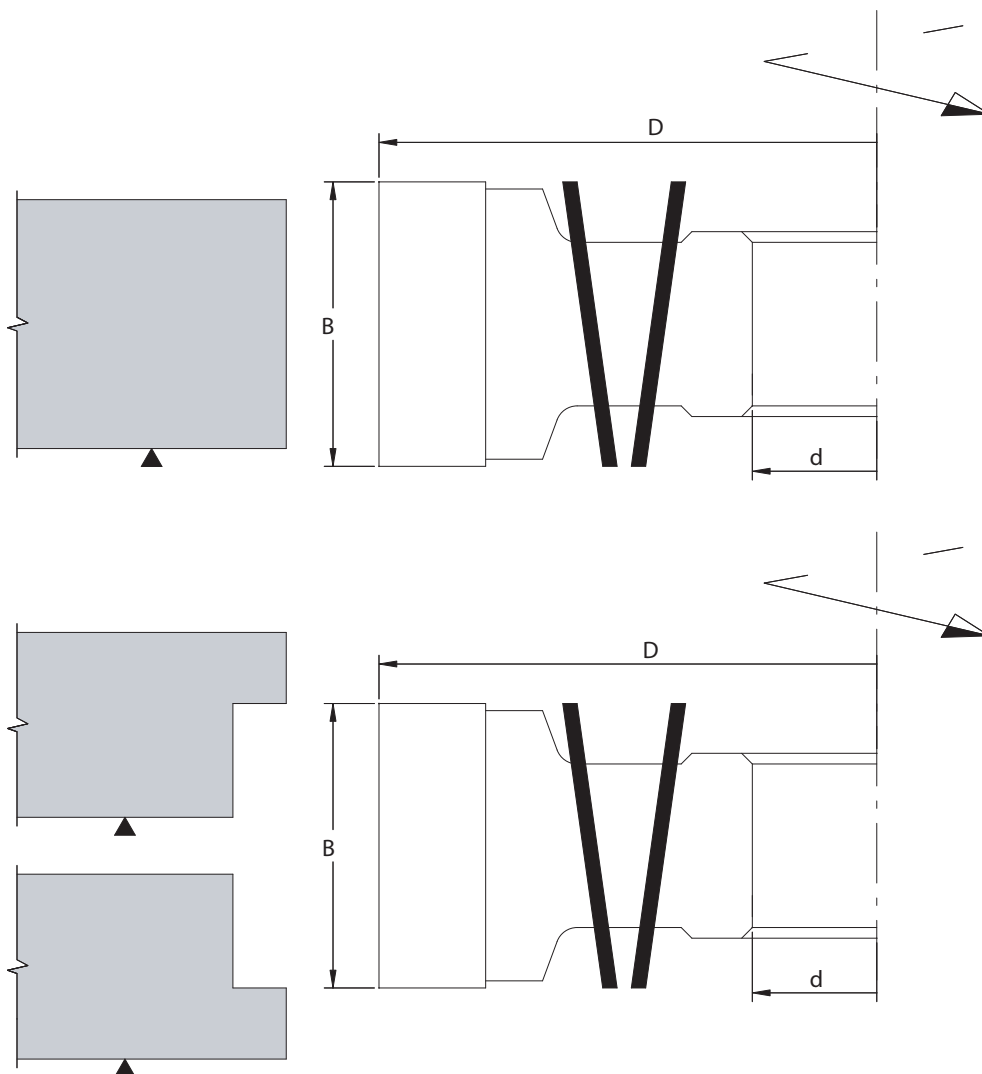
MAN

Avanzamento manuale
Manual feed

MEC

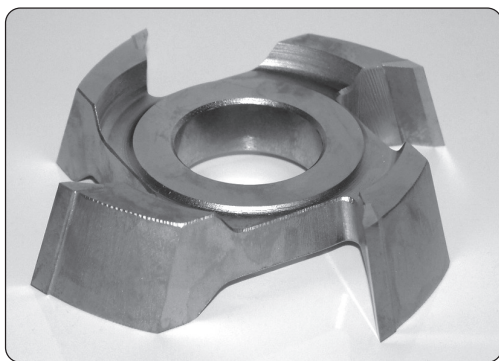
Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	Cod. Prezzo Price Code
1460.140.030	140	30	C20
1460.140.040	140	40	L20
1460.140.050	140	50	E21
1460.140.060	140	60	C22
1460.140.080	140	80	H23



1625

FRESE PER SMUSSI A 45° 45° BEVELLING CUTTERS



APPLICAZIONE/APPLICATION:

Fresa sagomata per esecuzione di smussi a 45°
Cutter for cutting bevels at 45°.

MACCHINA/MACHINE:

Toupie e scorniciatrici, squadratrici
Spindle shapers, moulders and double-end tenoners.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

D. 140 - d max 30 mm	n. 5.500-8.100 min ⁻¹
D. 160 - d max 50 mm	n. 4.800-7.100 min ⁻¹
D. 180 - d max 50 mm	n. 4.200-6.100 min ⁻¹
D. 200 - d max 50 mm	n. 3.500-5.200 min ⁻¹

HW

Z=4

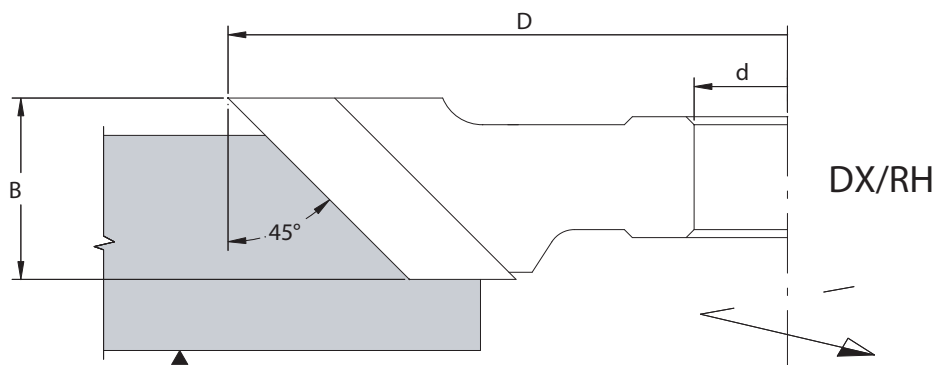
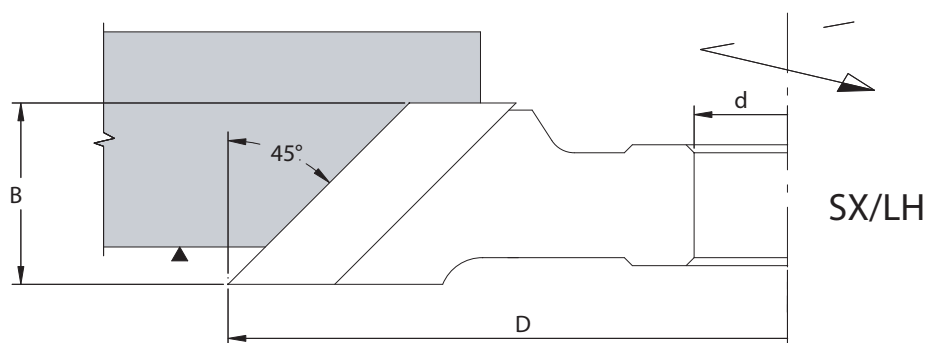
MAN

Avanzamento manuale
Manual feed

MEC

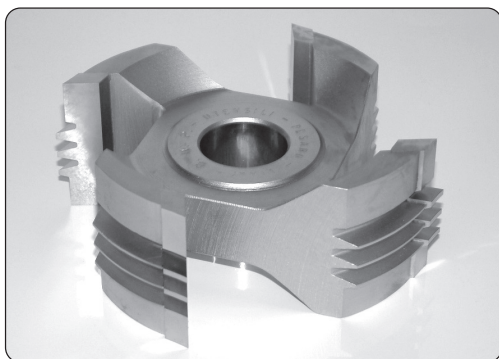
Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	Cod. Prezzo Price Code
1625.140.030	140	30	B21
1625.160.030	160	30	F21
1625.180.030	180	30	M21
1625.180.050	180	40	H22
1625.200.030	200	30	C22
1625.200.050	200	50	A24



1685

FRESE PER GIUNZIONI FINGER JOINT CUTTERS



APPLICAZIONE/APPLICATION:

Per esecuzione di giunzioni lungo vena e di testa • Per la produzione di pannelli, listelli e parti di mobili.

For cutting finger joints and against the grain • To produce panels, parts for furniture industry and stair construction.

MACCHINA/MACHINE:

Toupie, scorniciatrici.

Spindle shapers, moulders.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Foro "d" da 30 a 50 mm.

Bore "d" from 30 to 50 mm.

n. 5.500-8.100 min⁻¹

HW

Z=4

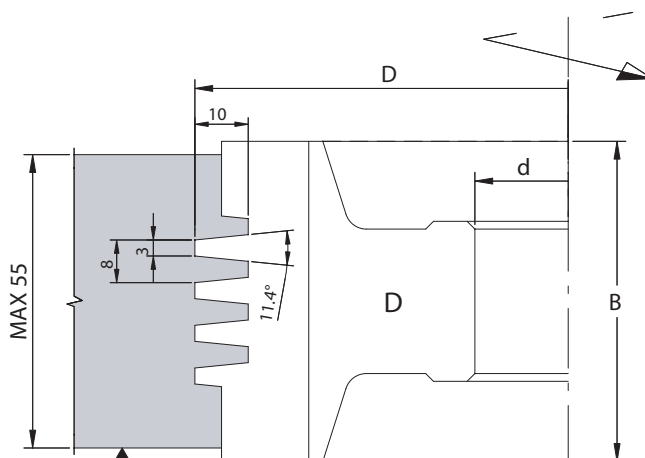
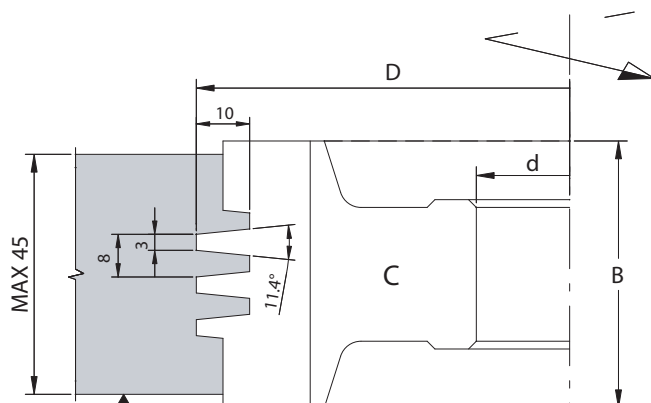
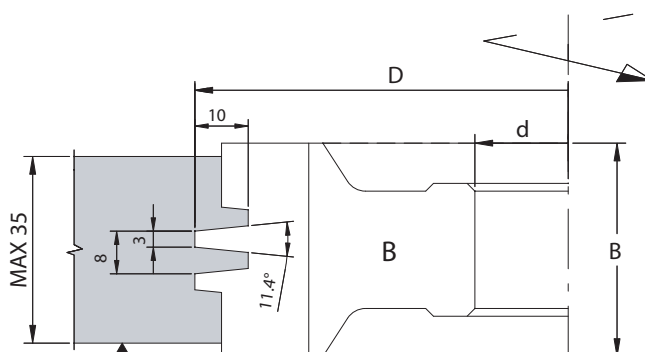
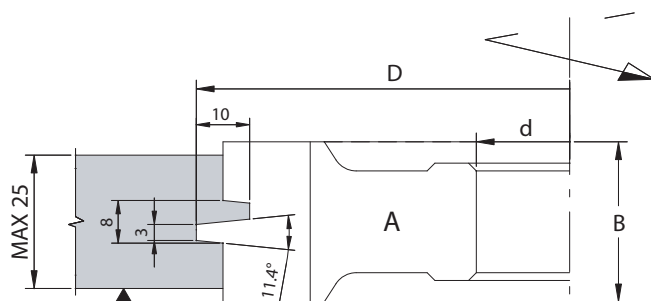
MAN

Avanzamento manuale
Manual feed

MEC

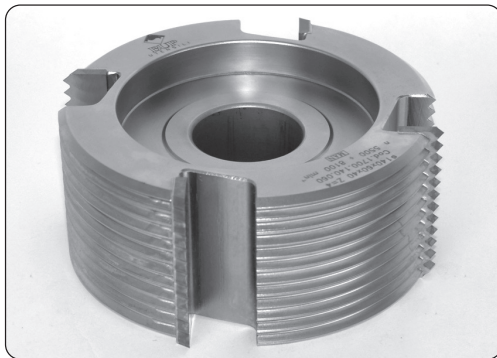
Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	Profilo Profile	Cod. Prezzo Price Code
1685.140.030	140	30	A	E25
1685.140.040	140	40	B	B26
1685.140.050	140	50	C	A27
1685.140.060	140	60	D	L27



1700

FRESE PER GIUNZIONI FINGER JOINT CUTTERS



APPLICAZIONE/APPLICATION:

Per esecuzione di giunzioni lungo vena • Per la produzione di pannelli per antine di mobili.
For cutting finger joints with the grain • To produce panels for furniture industry.

MACCHINA/MACHINE:

Toupie, scorniciatrici.
Spindle shapers, moulders.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Foro "d" da 30 a 50 mm.
Bore "d" from 30 to 50 mm.

n. 5.500-8.100 min⁻¹

HW

Z=4

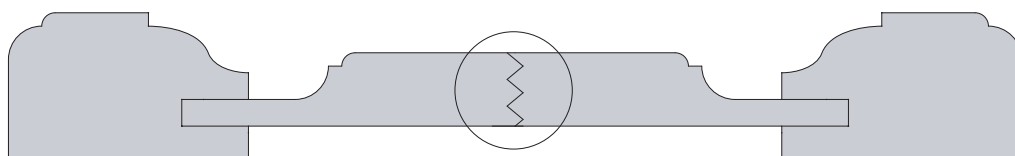
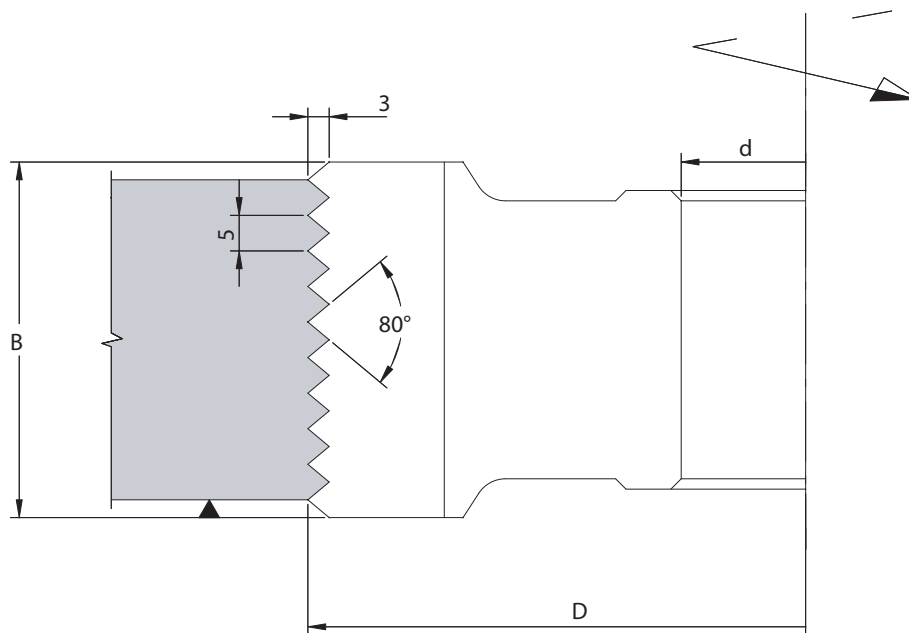
MAN

Avanzamento manuale
Manual feed

MEC

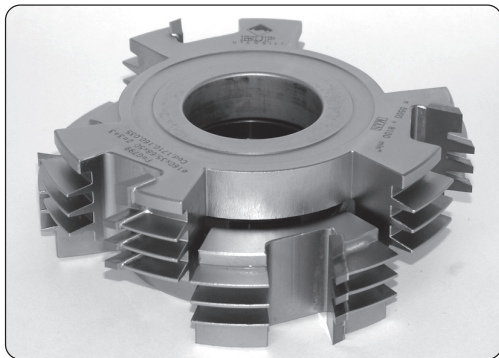
Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	Cod. Prezzo Price Code
1700.140.050	140	50	L25
1700.140.060	140	60	F26
1700.140.080	140	80	C28



1710

FRESE PER GIUNZIONI FINGER JOINT CUTTERS



HW

Z=3+3

MAN

Avanzamento manuale
Manual feed

MEC

Avanzamento meccanico
Mechanical feed

APPLICAZIONE/APPLICATION:

Per esecuzione di giunzioni lungo vena • Per la produzione di pannelli, listelli, parti di mobili e scale • Regolabile mediante anelli per diversi spessori di legno
For cutting finger joints with the grain • To produce panels, parts for furniture industry and stair construction • Adjustable by rings different wood thickness.

MACCHINA/MACHINE:

Toupie, scorniciatrici.
Spindle shapers, moulders.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Foro "d" da 30 a 50 mm.

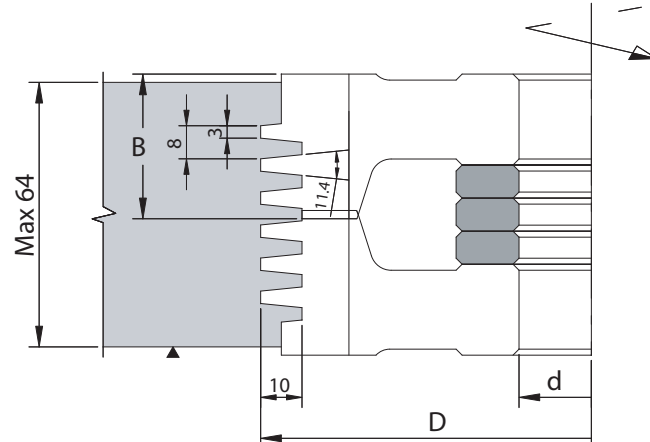
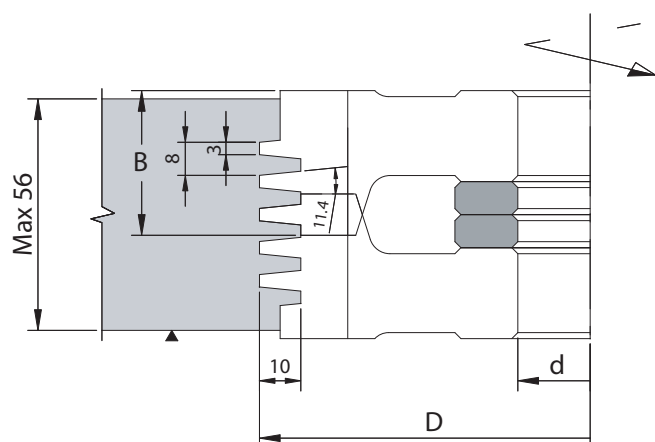
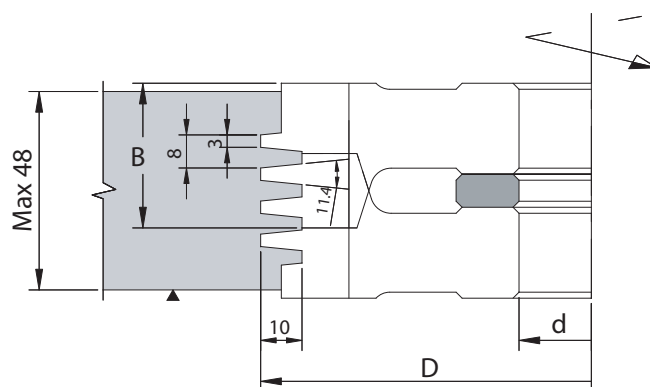
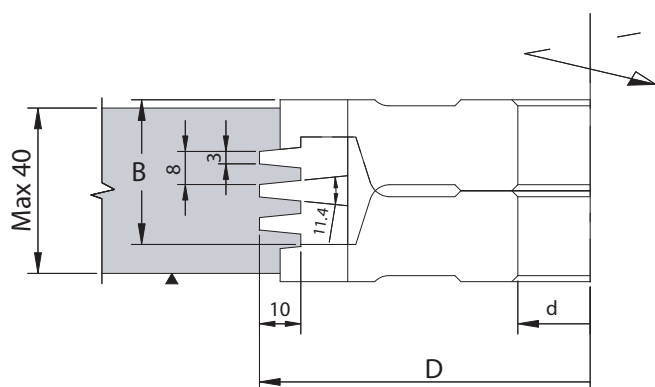
• Il gruppo viene fornito completo di anelli per la regolazione dello spessore.

Bore "d" from 30 to 50 mm.

• The cutterset include spacers for thickness adjustment.

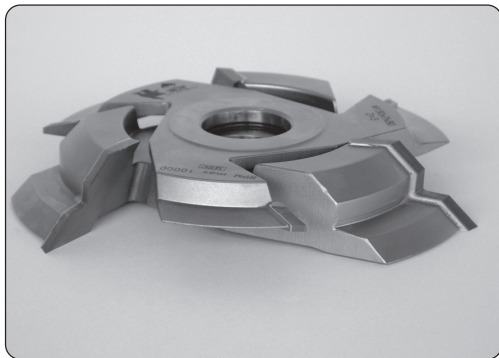
n. 5.500-8.100 min⁻¹

Codice Code	D D	B B	Cod. Prezzo Price Code
1710.160.035	160	35	C33



1730

FRESE PER GIUNZIONI FINGER JOINT CUTTERS



APPLICAZIONE/APPLICATION:

Per esecuzione di giunzioni di pannelli a 45° • Con la stessa fresa si ottengono profilo e controprofilo.

For cutting finger joints at 45° • The same cutter produce profile and counterprofile.

MACCHINA/MACHINE:

Toupie/Spindle shapers.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Foro "d" da 30 a 50 mm.

Bore "d" from 30 to 50 mm.

n. 5.500-9.500 min⁻¹

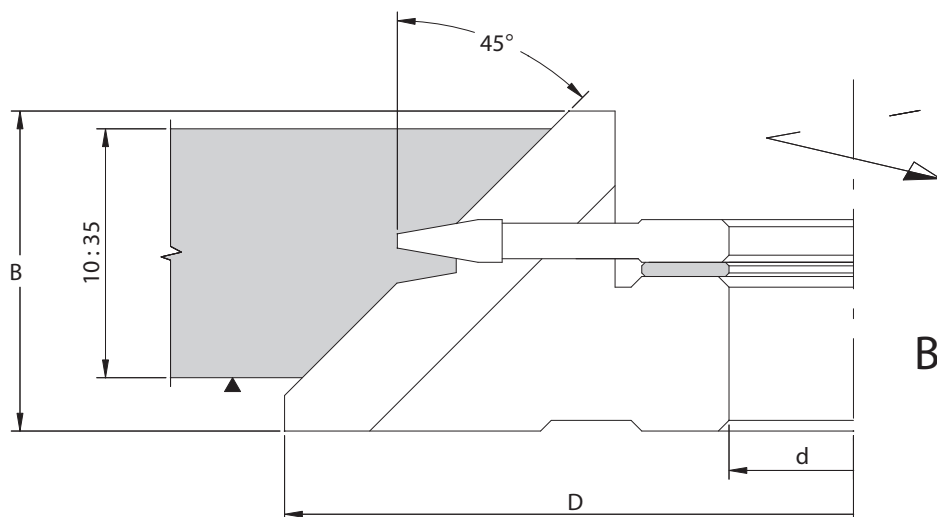
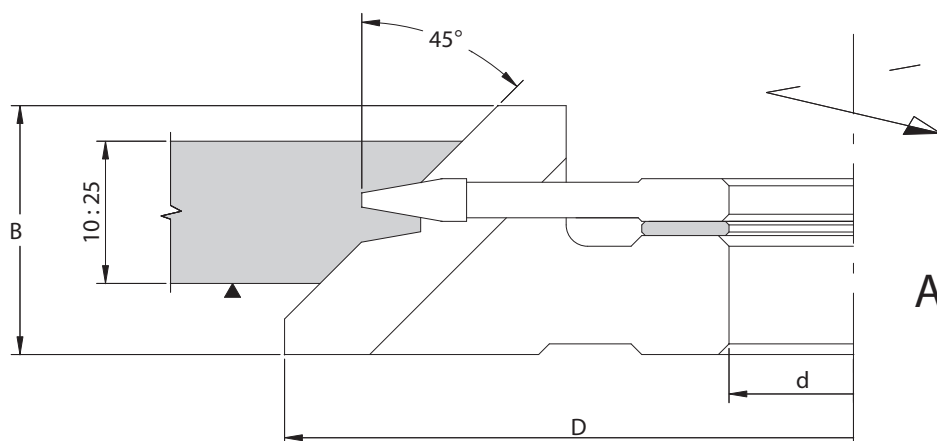
HW

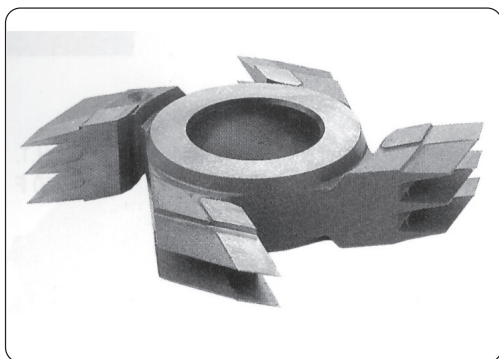
Z=3+3

MEC

Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	Profilo Profile	Cod. Prezzo Price Code
1730.160.035	160	35	A	G26
1730.160.045	160	45	B	B27



**APPLICAZIONE/APPLICATION:**

Per fresare giunzioni lungo vena per la produzione di strutture portanti, pannelli e listelli su legni teneri e duri.

For cutting finger joints with the grain. For production of supporting construction parts and panels on soft and hard woods.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con 4 taglienti diritti • In HS per legni teneri

• In HW per legni duri (art. 1740) aumento 15%.

Designed with 4 straight cuts • HS for soft wood

• HW for hard wood (art. 1740) increase 15% .

n. max 8.000 min⁻¹

HW-HS

Z=4

MEC

Avanzamento meccanico
Mechanical feed

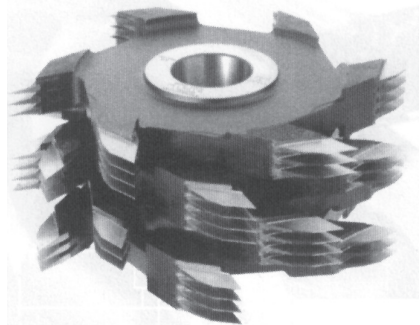
N°	Codice Code	D D	B B	P P	Cod. Prezzo Price Code
1	1735.160.000	160	26	4	A26
2	1735.160.001	160	28,6	10/10	H28
	1735.160.002	160	28,6	10/11	H28
3	1735.170.001*	170	28,6	15/15	D30
	1735.170.002*	170	28,6	15/16,5	D30
4	1735.180.001*	180	33	20/20	L31
	1735.180.002*	180	33	20/22	L31
5	1735.156.001	156	15	4	F20
6	1735.156.002	156	15	4	H18
7	1735.150.001	150	15	10	F20
8	1735.150.002	150	15	10	H18

*Si costruiscono solamente con taglienti HS/Manufactured only with HS theet

B=26 mm		B=28,6 mm		B=33 mm	
Legno max mm Wood max mm	nr.frese nr.of cutters	Legno max mm Wood max mm	nr.frese nr.of cutters	Legno max mm Wood max mm	nr.frese nr.of cutters
23	1	24	1	28	1
47	2	51	2	59	2
71	3	77	3	90	3
95	4	104	4	121	4
119	5	131	5	152	5
		157	6	183	6
		187	7	214	7
		210	8	245	8
		237	9	276	9
		264	10	307	10

1745

FRESA PER GIUNZIONI TIPO "MINIZINKEN" MINIZINKEN FINGER JOINT CUTTER



APPLICAZIONE/APPLICATION:

Per fresare giunzioni lungo vena per la produzione di strutture portanti, pannelli e listelli su legni teneri e duri.

For cutting finger joints with the grain. For production of supporting construction parts and panels on soft and hard woods.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con 6 taglienti diritti • In HS per legni teneri

• In HW per legni duri (art. 1750) aumento 15%.

Designed with 6 straight cuts • HS for soft wood

• HW for hard wood (art. 1750) increase 15%.

n. max 6.000 min⁻¹

HW-HS

Z=6

MEC

Avanzamento meccanico
Mechanical feed

N°	Codice Code	D D	B B	P P	Cod. Prezzo Price Code
1	1745.250.001	250	28,6	10/10	F32
	1745.250.002	250	28,6	10/11	F32
2	1745.260.001*	260	28,6	15/15	C34
	1745.260.002*	260	28,6	15/16,5	C34
3	1745.260.003*	260	33	20/20	H34
	1745.260.004*	260	33	20/22	H34

*Si costruiscono solamente con taglienti HS/Manufactured only with HS theet

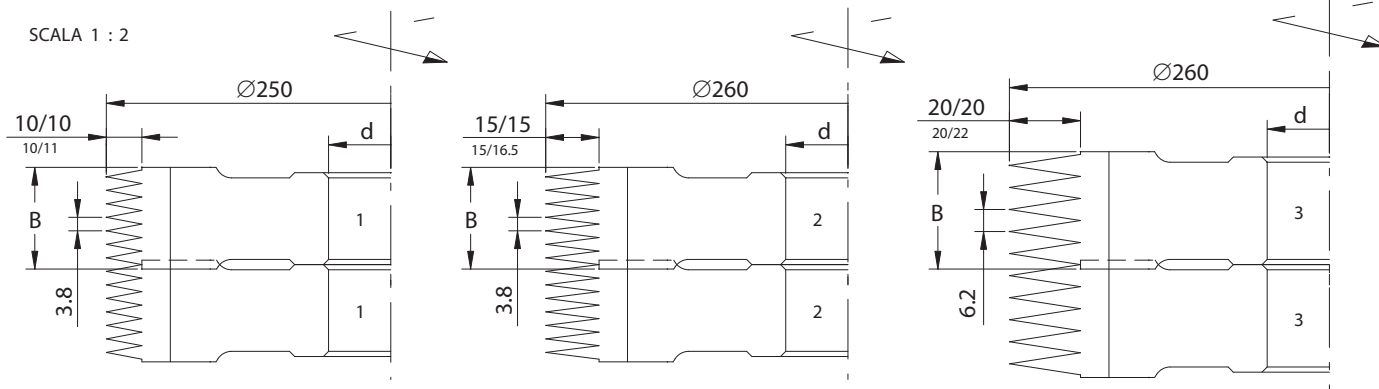
B=28,6 mm

Legno max mm Wood max mm	nr.frese nr.of cutters
24	1
51	2
77	3
104	4
131	5
157	6
187	7
210	8
237	9
264	10

B=33 mm

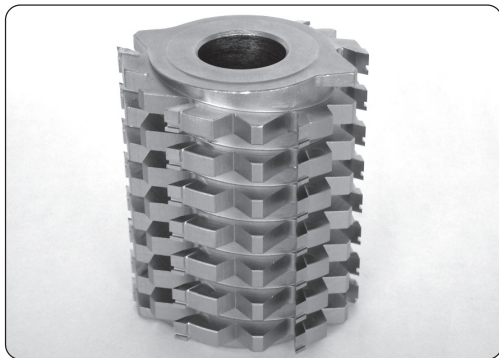
Legno max mm Wood max mm	nr.frese nr.of cutters
28	1
59	2
90	3
121	4
152	5
183	6
214	7
245	8
276	9
307	10

SCALA 1 : 2



1760

FRESE MULTITAGLIENTI SPIRAL MULTICUT CUTTERS



APPLICAZIONE/APPLICATION:

Per piallare e fresare con grandi asportazioni di truciolo e alte velocità di avanzamento ottenendo una buona finitura.

For cutting and planing with great chip removal at high feed speed. Good finishing on workpiece.

MACCHINA/MACHINE:

Scorniciatrici e fresatrici a copiare/Moulders, copy-shaper.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Foro "d" da 30 a 40 mm • Fresa con taglienti frazionati a spirale in HW.

Bore "d" da 30 a 40 mm • Cutter with HW spiral cuts.

HW

Z=8

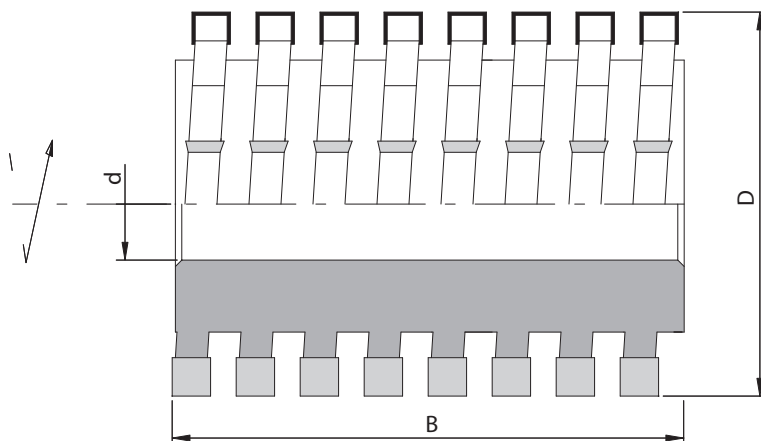
MAN

Avanzamento manuale
Manual feed

MEC

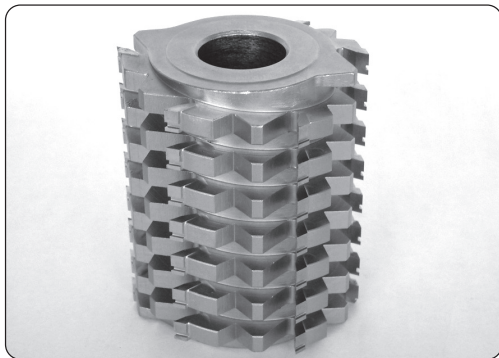
Avanzamento meccanico
Mechanical feed

Codice Code	D D	B B	Cod. Prezzo Price Code
1760.100.080	100	80	H24
1760.100.100	100	100	L26
1760.100.120	100	120	G29
1760.100.140	100	140	D31
1760.100.160	100	160	H32
1760.100.180	100	180	B33
1760.100.200	100	200	A34
1760.120.080	120	80	L24
1760.120.100	120	100	M26
1760.120.120	120	120	A30
1760.120.140	120	140	E31
1760.120.160	120	160	M32
1760.120.180	120	180	E33
1760.120.200	120	200	C34
1760.140.080	140	80	A25
1760.140.100	140	100	A27
1760.140.120	140	120	D30
1760.140.140	140	140	G31
1760.140.160	140	160	B33
1760.140.180	140	180	G33
1760.140.200	140	200	D34



1765

FRESE MULTITAGLIENTI SPIRAL MULTICUT CUTTERS



HW

Z=12

MAN

Avanzamento manuale
Manual feed

MEC

Avanzamento meccanico
Mechanical feed

APPLICAZIONE/APPLICATION:

Per piallare e fresare con grandi asportazioni di truciolo e alte velocità di avanzamento ottenendo una buona finitura.

For cutting and planing with great chip removal at high feed speed. Good finishing on workpiece.

MACCHINA/MACHINE:

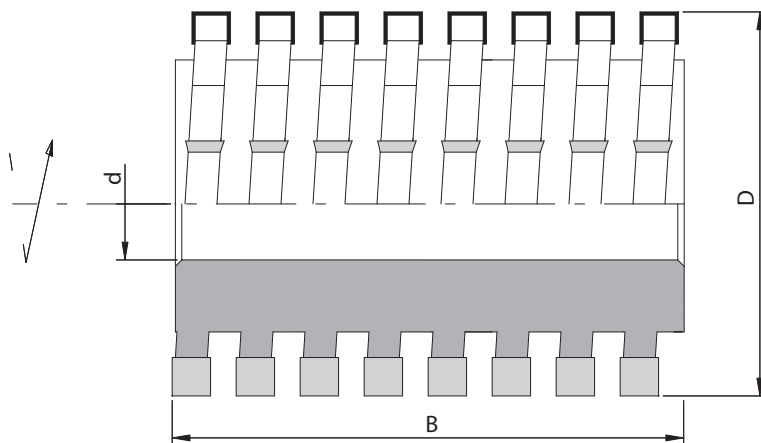
Scorniciatrici e fresatrici a copiare/Moulders, copy-shaper.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Foro "d" da 30 a 40 mm • Fresa con taglienti frazionati a spirale in HW .

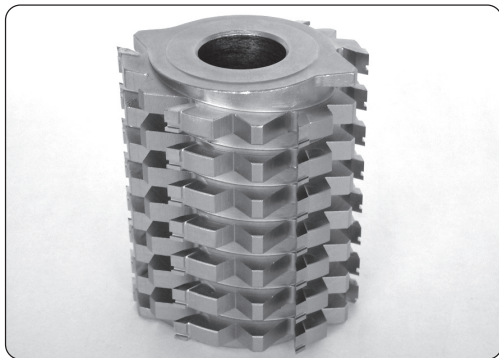
Bore "d" da 30 a 40 mm • Cutter with HW spiral cuts.

Codice Code	D D	B B	Cod. Prezzo Price Code
1765.100.080	100	80	B26
1765.100.100	100	100	H28
1765.100.120	100	120	H31
1765.100.140	100	140	M32
1765.100.160	100	160	D34
1765.100.180	100	180	L34
1765.100.200	100	200	D35
1765.120.080	120	80	C26
1765.120.100	120	100	M28
1765.120.120	120	120	L31
1765.120.140	120	140	B33
1765.120.160	120	160	F34
1765.120.180	120	180	A35
1765.120.200	120	200	F35
1765.140.080	140	80	E26
1765.140.100	140	100	B29
1765.140.120	140	120	B32
1765.140.140	140	140	E33
1765.140.160	140	160	H34
1765.140.180	140	180	C35
1765.140.200	140	200	A36



1770

FRESE MULTITAGLIENTI SPIRAL MULTICUT CUTTERS



HW

Z=16

MAN

Avanzamento manuale
Manual feed

MEC

Avanzamento meccanico
Mechanical feed

APPLICAZIONE/APPLICATION:

Per piallare e fresare con grandi asportazioni di truciolo e alte velocità di avanzamento ottenendo una buona finitura.

For cutting and planing with great chip removal at high feed speed. Good finishing on workpiece.

MACCHINA/MACHINE:

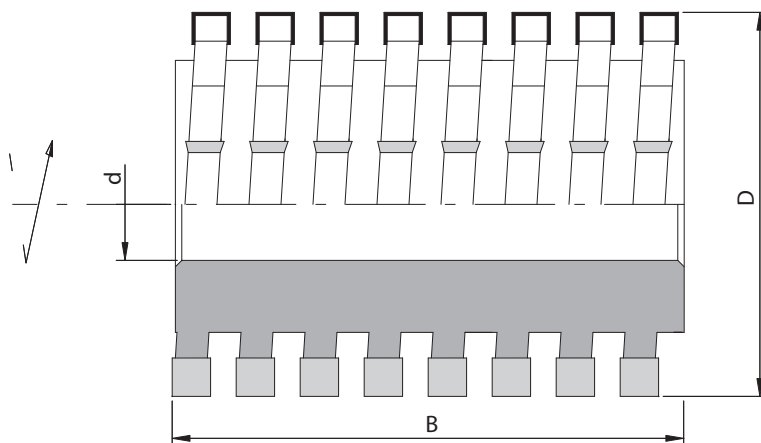
Scorniciatrici e fresatrici a copiare/Moulders, copy-shaper.

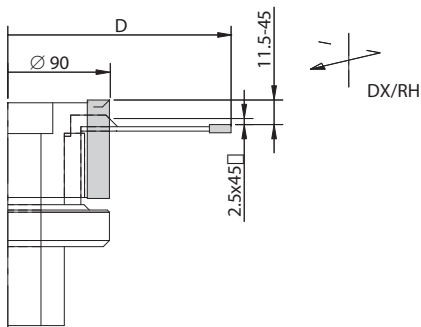
INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Foro "d" da 30 a 40 mm • Fresa con taglienti frazionati a spirale in HW .

Bore "d" da 30 a 40 mm • Cutter with HW spiral cuts .

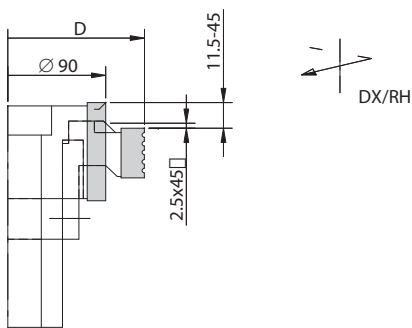
Codice Code	D D	B B	Cod. Prezzo Price Code
1770.100.080	100	80	E29
1770.100.100	100	100	H31
1770.100.120	100	120	B33
1770.100.140	100	140	C35
1770.100.160	100	160	C36
1770.100.180	100	180	B37
1770.100.200	100	200	A38
1770.120.080	120	80	G29
1770.120.100	120	100	L31
1770.120.120	120	120	E33
1770.120.140	120	140	D35
1770.120.160	120	160	E36
1770.120.180	120	180	D37
1770.120.200	120	200	B38
1770.140.080	140	80	A30
1770.140.100	140	100	B32
1770.140.120	140	120	G33
1770.140.140	140	140	D35
1770.140.160	140	160	F36
1770.140.180	140	180	F37
1770.140.200	140	200	D38



**INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:**

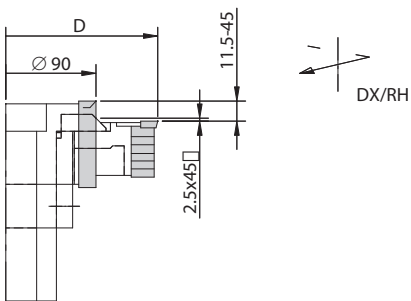
Esecuzione con lama D. 220 regolabile con ghiera.
Made with D. 220 saw blade. Adjustable by nut.

Codice Code	D D	B B	Z Z	Cod. Prezzo Price Code
1775.000.001	220/90	11,5:45	3+6	L36

**INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:**

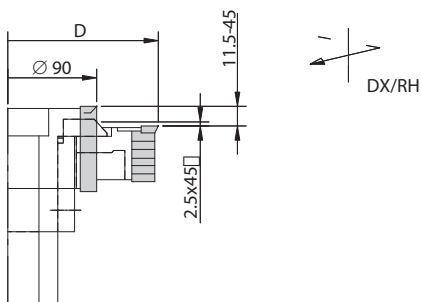
Esecuzione con truciolo D. 130 regolabile su canotto.
Made with D. 130 hogger. Adjustable on hub.

Codice Code	D D	B B	Z Z	Cod. Prezzo Price Code
1775.000.002	130/90	11,5:45	3+6	L34

**INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:**

Esecuzione con truciolo multitagliente D. 150 + lama regolabile su canotto.
Made with D. 150 multicut hogger and saw blade. Adjustable on hub.

Codice Code	D D	B B	Z Z	Cod. Prezzo Price Code
1775.000.003	150/90	11,5:45	3+6	L36

**INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:**

Esecuzione con truciolo multitagliente D. 125 + lama regolabile su canotto.
Made with D. 125 multicut hogger and saw blade. Adjustable on hub.

Codice Code	D D	B B	Z Z	Cod. Prezzo Price Code
1775.000.004	125/70	10:35	3+6	M35