

Frese per pantografi portatili per lavorazioni di superfici solide

Frese per pantografi "ELU" e "SCHEER"



3



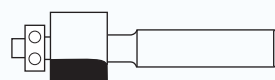
**FRESE HW CON ANGOLO ASSIALE
NEGATIVO Z=2**
Pag. 3.05



FRESE HW CON TAGLIANTE DIRITTO Z=1
Pag. 3.05



**FRESE HW CON TAGLIANTI
DIRITTI Z=2**
Pag. 3.05



FRESE HW PER CANALI SUL BORDO Z=2
Pag. 3.05



FRESE HW CON TAGLIANTI DIRITTI Z=2
Pag. 3.06



**FRESE HW CON CUSCINETTO
SUPERIORE Z=2**
Pag. 3.06



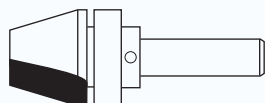
**FRESE HW PER BORDI INCLINATI E
RIPARAZIONI Z=2**
Pag. 3.06



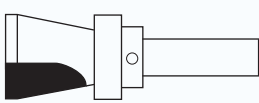
**FRESE HW PER BORDI INCLINATI E
RIPARAZIONI Z=3**
Pag. 3.06



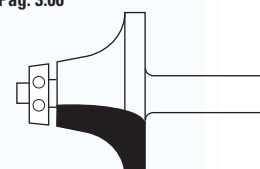
FRESE HW PER BORDI INCLINATI Z=2
Pag. 3.06



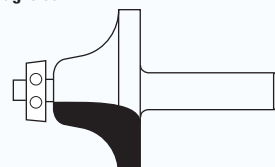
FRESE HW PER BORDI INCLINATI Z=2
Pag. 3.06



FRESE HW PER BORDI INCLINATI Z=2
Pag. 3.07



FRESE HW PER BORDI RAGGIATI Z=2
Pag. 3.07



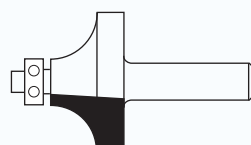
FRESE HW PER BORDI SAGOMATI Z=2
Pag. 3.07



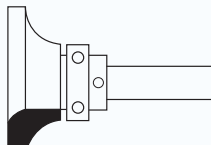
FRESE HW PER BORDO ARROTONDATO Z=2
Pag. 3.07



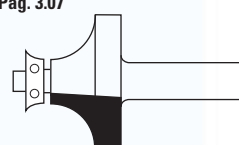
**FRESE HW PER BORDO
SALVAGOCIA Z=2**
Pag. 3.07



**FRESE HW PER BORDO
ARROTONDATO Z=2**
Pag. 3.08



**FRESE HW PER BORDO
ARROTONDATO Z=2**
Pag. 3.08



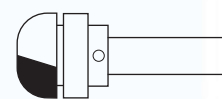
**FRESE HW CON CUSCINETTO
ARROTONDATO PER BORDI Z=2**
Pag. 3.08



**FRESE HW PER BORDO
ARROTONDATO Z=2**
Pag. 3.08

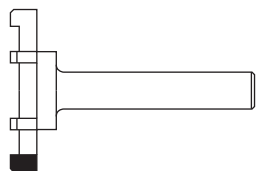


FRESE HW SAGOMATE PER INTERNI Z=2
Pag. 3.08



**FRESE HW PER ANGOLI
ARROTONDATI Z=2**
Pag. 3.09

Klein®



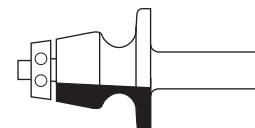
FRESE HW PER BASSOFONDO
Pag. 3.09



FRESE HW PER DECORI Z=2
Pag. 3.09



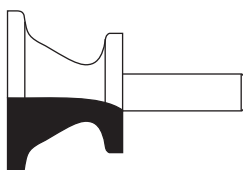
FRESE HW PER DECORI Z=2
Pag. 3.09



FRESE HW PER BORDI SAGOMATI Z=2
Pag. 3.09



FRESE HW PER BORDI DECORATI Z=2
Pag. 3.09



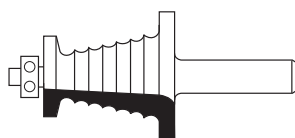
FRESE HW PER BORDI DECORATI Z=2
Pag. 3.10



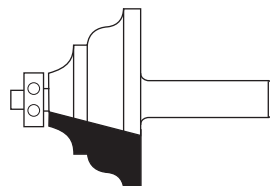
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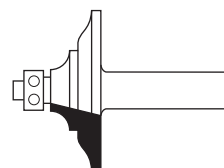
FRESE HW PER BORDI DECORATI Z=2
Pag. 3.10



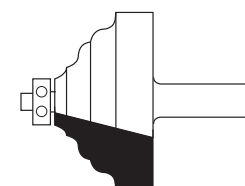
FRESE HW MILLERIGHE Z=2
Pag. 3.10



FRESE HW PER BORDI DECORATI Z=2
Pag. 3.10



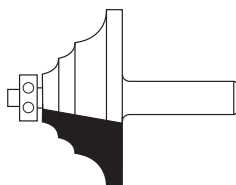
FRESE HW PER BORDI DECORATI Z=2
Pag. 3.10



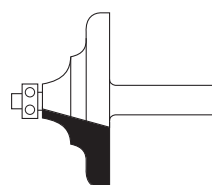
FRESE HW PER BORDI DECORATI Z=2
Pag. 3.11



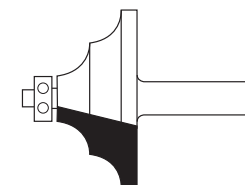
FRESE HW PER BORDI DECORATI Z=2
Pag. 3.11



FRESE HW PER BORDI DECORATI Z=2
Pag. 3.11



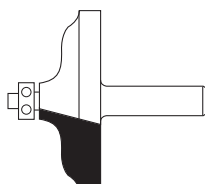
FRESE HW PER BORDI DECORATI Z=2
Pag. 3.11



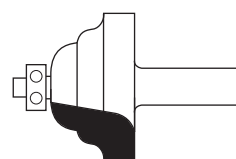
FRESE HW PER BORDI DECORATI Z=2
Pag. 3.11



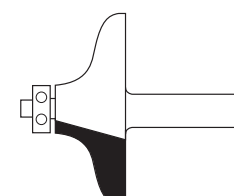
FRESE HW PER BORDI DECORATI Z=2
Pag. 3.11



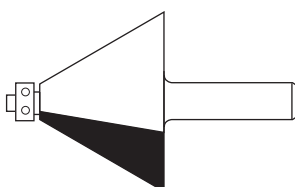
FRESE HW PER BORDI DECORATI Z=2
Pag. 3.12



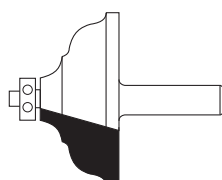
FRESE HW PER BORDI DECORATI Z=2
Pag. 3.12



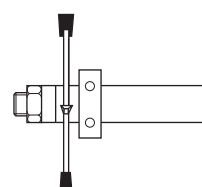
FRESE HW PER BORDI DECORATI Z=2
Pag. 3.12



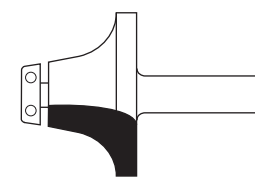
FRESE HW PER BORDI SMUSSATI Z=2
Pag. 3.12



FRESE HW PER BORDI DECORATI Z=2
Pag. 3.12



FRESE HW PER RIPARAZIONE LAVELLI
Pag. 3.13



FRESE HW A RAGGIO CON
CUSCINETTO PROTETTO Z=2
Pag. 3.13



FRESE HW A SMUSSO CON
CUSCINETTO PROTETTO Z=2
Pag. 3.13



FRESE PER REFILARE CON COLTELLI
REVERSIBILI "VERSOFIX" Z=2
Pag. 3.13



FRESE PER REFILARE CON COLTELLI
REVERSIBILI "VERSOFIX" Z=2
Pag. 3.13



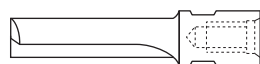
FRESE PER ELETTROFRESATRICI
"ELU" Z=2
Pag. 3.14



FRESE PER ELETTROFRESATRICI
"ELU" Z=2
Pag. 3.14



FRESE HW PER ELETTROFRESATRICI
"ELU" Z=2
Pag. 3.14



FRESE HS PER ELETTROFRESATRICI
"ELU" Z=2
Pag. 3.14



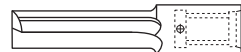
FRESE HW PER ELETTROFRESATRICI
"SCHEER"
Pag. 3.15



FRESE HW PER ELETTROFRESATRICI
"SCHEER"
Pag. 3.15



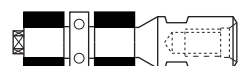
FRESE HS PER ELETTROFRESATRICI
"SCHEER" Z=2
Pag. 3.15



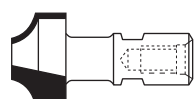
FRESE HS PER ELETTROFRESATRICI
"SCHEER" Z=2
Pag. 3.15



FRESE HW PER MACCHINE
"FESTOOL" Z=2
Pag. 3.15



FRESE HW A DOPPIO REFILO Z=2
Pag. 3.16



FRESE HW A RAGGIO CONCAVO Z=2
Pag. 3.16



FRESE HW A RAGGIO CONCAVO Z=2
Pag. 3.16



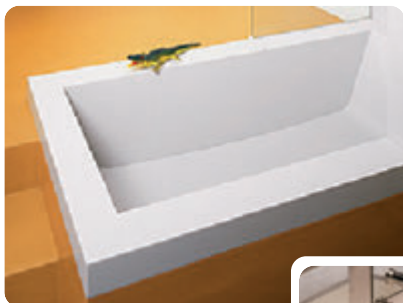
FRESE HW A RAGGIO CONVESSO Z=2
Pag. 3.16



FRESE HW A RAGGIO MEZZO TONDO Z=2
Pag. 3.16

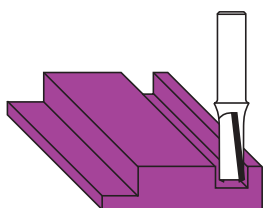
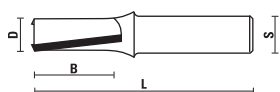
FRESE HW PER LAVORAZIONI DI SUPERFICI SOLIDE

Il tipo di materia prima, gli angoli di taglio e i componenti utilizzati per la costruzione delle frese qui riportate, sono stati attentamente selezionati per permettere una lavorazione ottimale di pannelli in superfici solide (CORIAN®)



FRESE HW CON ANGOLO ASSIALE NEGATIVO Z=2

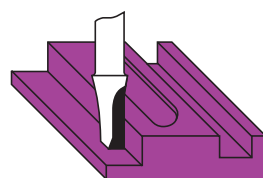
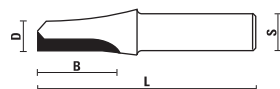
ART. E300 - G300



S Ø 12	S Ø 12,7 (1/2")	D	B	L
E300.095.R	G300.095.R	9,5	50	70
E300.127.R	G300.127.R	12,7	32	73
E300.128.R	G300.128.R	12,7	38	79
E300.129.R	G300.129.R	12,7	50	107,5

FRESE HW CON TAGLIANTE DIRITTO Z=1

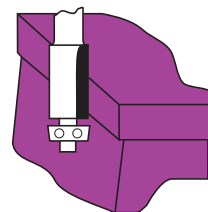
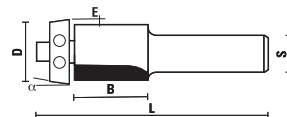
ART. E301 - G301



S Ø 12	S Ø 12,7 (1/2")	D	B	L
E301.095.R	G301.095.R	9,5	25	70

FRESE HW CON TAGLIENTI DIRITTI Z=2

ART. E302 - G302



Con cuscinetto conico

S Ø 12	S Ø 12,7 (1/2")	D	B	α	E	L
E302.190.R	G302.190.R	19	25	5°	1,6	82,5



Z050.103.N



Z053.002.N



Z051.004.R

S Ø 12	S Ø 12,7 (1/2")	D	B	α	E	L
E302.191.R	G302.191.R	19,6	25	5°	3,2	89



Z050.101.N



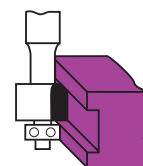
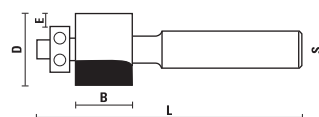
Z053.002.N



Z051.004.R

FRESE HW PER CANALI SUL BORDO Z=2

ART. E305 - G305 / E306 - G306 / E307 - G307



S Ø 12	S Ø 12,7 (1/2")	D	B	L	E
E305.064.R	G305.064.R	22	6,4	76	4,8
E305.095.R	G305.095.R	22	9,5	78	4,8
E305.127.R	G305.127.R	22	12,7	82	4,8
E305.190.R	G305.190.R	22	19	88	4,8



Z050.007.N



Z054.003.N



Z051.004.R

S Ø 12	S Ø 12,7 (1/2")	D	B	L	E
E306.064.R	G306.064.R	22	6,4	76	3,2
E306.095.R	G306.095.R	22	9,5	78	3,2
E306.127.R	G306.127.R	22	12,7	82	3,2
E306.190.R	G306.190.R	22	19	88	3,2



Z050.011.N



Z054.003.N



Z051.004.R

S Ø 12	S Ø 12,7 (1/2")	D	B	L	E
E307.064.R	G307.064.R	22	6,4	78	1,6
E307.095.R	G307.095.R	22	9,5	79	1,6
E307.127.R	G307.127.R	22	12,7	82	1,6
E307.190.R	G307.190.R	22	19	82	1,6



Z050.005.N



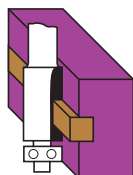
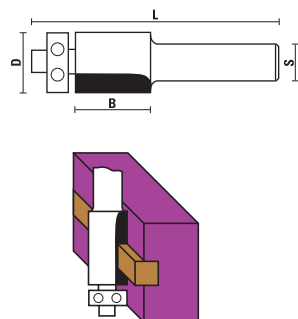
Z054.003.N



Z051.004.R

FRESE HW CON TAGLIENTI DIRITTI Z=2

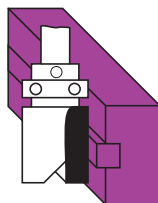
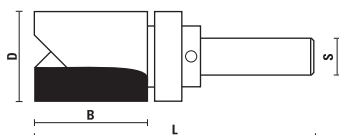
ART. E310 - G310



S Ø 12	S Ø 12,7 (1/2")	D	B	L
E310.190.R	G310.190.R	19	25	82
				
Z050.101.N	Z053.002.N	Z051.004.R		

FRESE HW CON CUSCINETTO SUPERIORE Z=2

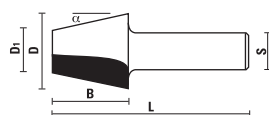
ART. E312 - G312



S Ø 12	S Ø 12,7 (1/2")	D	B	L
E312.286.R	G312.286.R	28,6	38	92
				
Z050.015.N	Z058.003.N	Z051.005.R		

FRESE HW PER BORDI INCLINATI E RIPARAZIONI Z=2

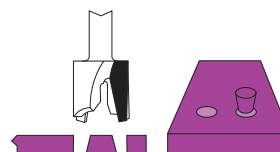
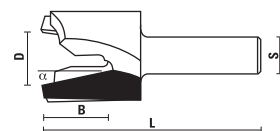
ART. E315 - G315



S Ø 12	S Ø 12,7 (1/2")	D	D1	B	L	α
E315.240.R	G315.240.R	23	12,3	25	63,1	15°
E315.340.R	G315.340.R	34	23,3	25	63,1	15°
E315.450.R	G315.450.R	45	34,3	25	63,1	15°

FRESE HW PER BORDI INCLINATI E RIPARAZIONI Z=3

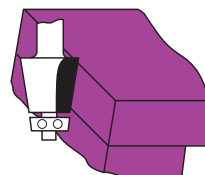
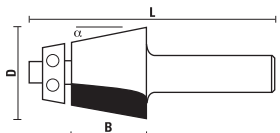
ART. E315 - G315



S Ø 12	S Ø 12,7 (1/2")	D	B	L	α
E315.730.R	G315.730.R	23	20	72	15°
E315.840.R	G315.840.R	34	20	72	15°
E315.950.R	G315.950.R	45	20	72	15°

FRESE HW PER BORDI INCLINATI Z=2

ART. E316 - G316



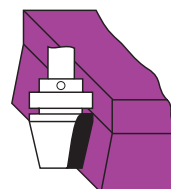
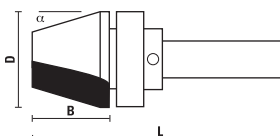
Con cuscinetto conico

S Ø 12	S Ø 12,7 (1/2")	D	B	L	α
E316.320.R	G316.320.R	32	25	81	12°
					
Z050.102.N	Z053.002.N	Z051.004.R			

S Ø 12	S Ø 12,7 (1/2")	D	B	L	α
E316.390.R	G316.390.R	39	32	78	12°
					
Z050.106.N	Z053.002.N	Z051.007.R			

FRESE HW PER BORDI INCLINATI Z=2

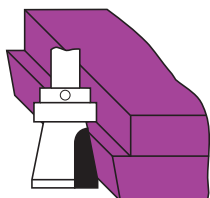
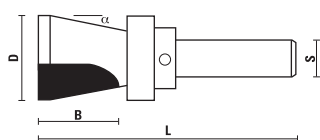
ART. E317 - G317



S Ø 12	S Ø 12,7 (1/2")	D	B	L	α
E317.286.R	G317.286.R	28,6	25	78	12°
					
Z050.015.N	Z058.003.N	Z051.005.R			

FRESE HW PER BORDI INCLINATI Z=2

ART. E321 - G321



S Ø 12	S Ø 12,7 (1/2")	D	B	L	α
E321.286.R	G321.286.R	28,6	26	79	12°



Z050.015.N



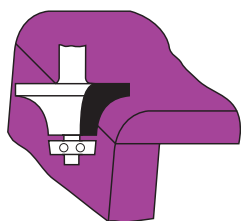
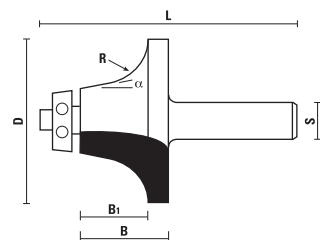
Z058.003.N



Z051.005.R

FRESE HW PER BORDI RAGGIATI Z=2

ART. E325 - G325



Con cuscinetto conico

S Ø 12	S Ø 12,7 (1/2")	D	B	B1	L	R	α
E325.540.R	G325.540.R	54	25	19	79	12,7	18°
E325.570.R	G325.570.R	57	32	25	83	14	18°



Z050.102.N



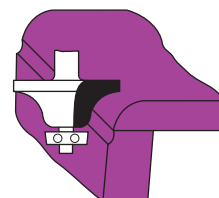
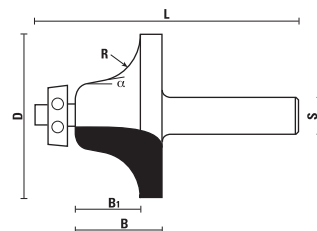
Z053.002.N



Z051.004.R

FRESE HW PER BORDI SAGOMATI Z=2

ART. E326 - G326



Con cuscinetto conico

S Ø 12	S Ø 12,7 (1/2")	D	B	B1	L	R	α
E326.550.R	G326.550.R	55	25	19	75	12,7	15°
E326.610.R	G326.610.R	61	32	25	86	14	15°



Z050.102.N



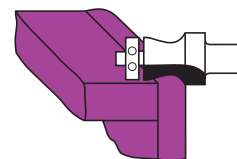
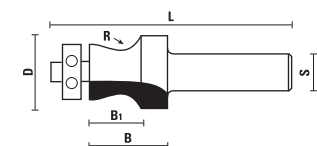
Z053.002.N



Z051.004.R

FRESE HW PER BORDO ARROTONDATO Z=2

ART. E330 - G330



Per bordo antigocciolamento

S Ø 12	S Ø 12,7 (1/2")	D	B	B1	L	R
E330.220.R	G330.220.R	25	22	16	79	8
E330.290.R	G330.290.R	25	29	24	85	8



Z050.101.N



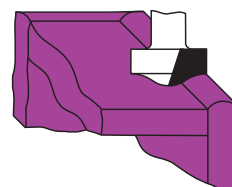
Z053.002.N



Z051.004.R

FRESE HW PER BORDO SALVAGOCCIA Z=2

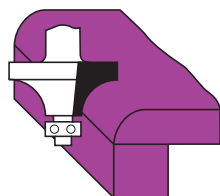
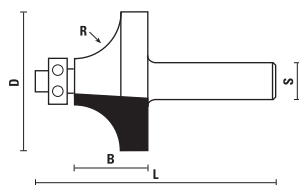
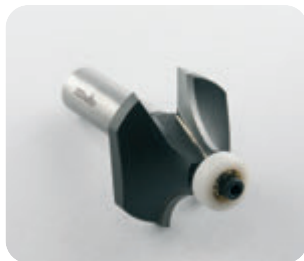
ART. E333 - G333



S Ø 12	S Ø 12,7 (1/2")	D	B	L
E333.254.R	G333.254.R	25,4	13	54

FRESE HW PER BORDO ARROTONDATO Z=2

ART. E334 - G334



S Ø 12	S Ø 12,7 (1/2")	D	B	L	R
E334.254.R	G334.254.R	25,4	13	62	6,4
E334.286.R	G334.286.R	28,6	13,5	61	8
E334.380.R	G334.380.R	38	19	65	12,7
E334.510.R	G334.510.R	51	25	72	19



Z050.100.N



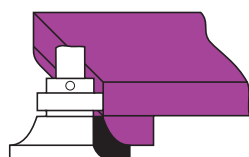
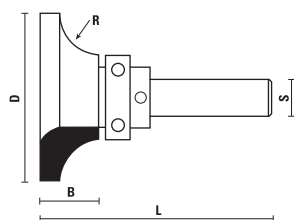
Z053.002.N



Z051.002.R

FRESE HW PER BORDO ARROTONDATO Z=2

ART. E335 - G335



Per raggiatura inferiore

S Ø 12	S Ø 12,7 (1/2")	D	B	L	R
E335.540.R	G335.540.R	54	20	73	12,7
E335.670.R	G335.670.R	67	25	77	19



Z050.104.N



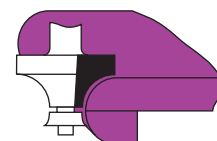
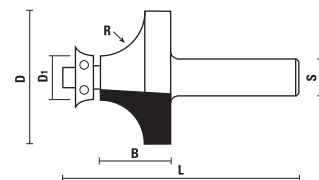
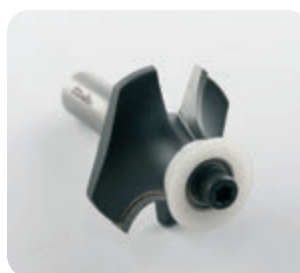
Z058.003.N



Z051.005.R

FRESE HW CON CUSCINETTO ARROTONDATO PER BORDI Z=2

ART. E336 - G336



Con cuscinetto raggiato

S Ø 12	S Ø 12,7 (1/2")	D	D1	R	B	L
E336.410.R	G336.410.R	41	16	13	19	68



Z050.105.N



Z053.002.N



Z051.004.R

S Ø 12	S Ø 12,7 (1/2")	D	D1	R	B	L
E336.540.R	G336.540.R	54	16	19	25	74



Z050.113.N



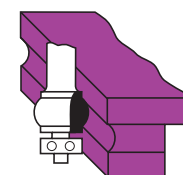
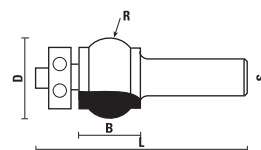
Z053.002.N



Z051.004.R

FRESE HW PER BORDO ARROTONDATO Z=2

ART. E338 - G338



S Ø 12	S Ø 12,7 (1/2")	D	B	L	R
E338.255.R	G338.255.R	25,5	16	67	7,9



Z050.101.N



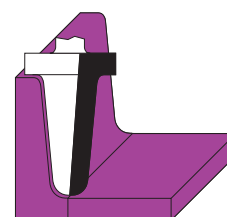
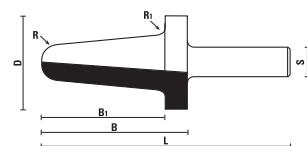
Z053.002.N



Z051.004.R

FRESE HW SAGOMATE PER INTERNI Z=2

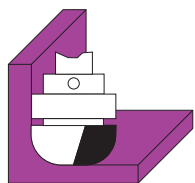
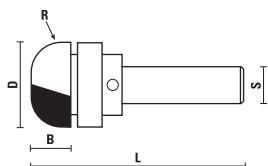
ART. E340 - G340



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R	R1	L
E340.390.R	G340.390.R	39	40	30	6	3	78
E340.391.R	G340.391.R	39	55	45	6	3	93

FRESE HW PER ANGOLI ARROTONDATI Z=2

ART. E342 - G342



S Ø 12	S Ø 12,7 (1/2")	D	B	R	L
E342.286.R	G342.286.R	28,6	13	10	73



Z050.104.N



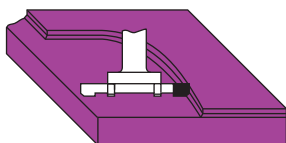
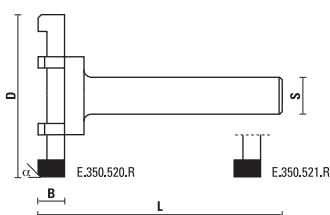
Z058.003.N



Z051.005.R

FRESE HW PER BASSOFONDO

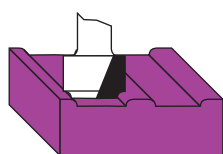
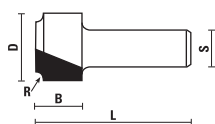
ART. E350 - G350



S Ø 12	S Ø 12,7 (1/2")	D	B	L	Z	α
E350.520.R	G350.520.R	52	6,5	83	6	0,5x45°
E350.521.R	G350.521.R	52	6,5	83	6	0°

FRESE HW PER DECORI Z=2

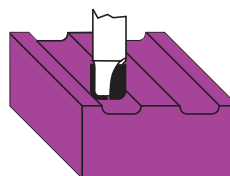
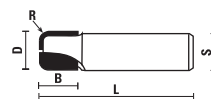
ART. E360 - G360



S Ø 12	S Ø 12,7 (1/2")	D	B	R	L
E360.246.R	G360.246.R	24,6	16	2	60

FRESE HW PER DECORI Z=2

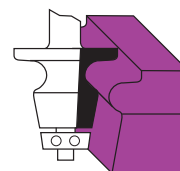
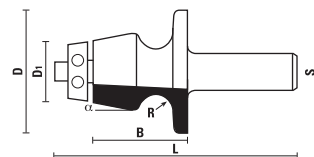
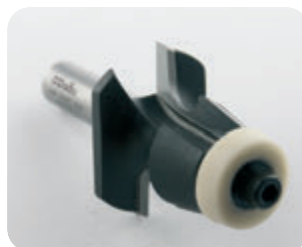
ART. E361 - G361



S Ø 12	S Ø 12,7 (1/2")	D	B	R	L
E361.127.R	G361.127.R	12,7	13	3,2	51
E361.160.R	G361.160.R	16	13	3,2	51
E361.190.R	G361.190.R	19	13	3,2	51
E361.254.R	G361.254.R	25,4	13	3,2	51

FRESE HW PER BORDI SAGOMATI Z=2

ART. E362 - G362



Con cuscinetto conico

S Ø 12	S Ø 12,7 (1/2")	D	D1	B	R	L	α
E362.420.R	G362.420.R	42	22	33	6,4	84	10°



Z050.102.N



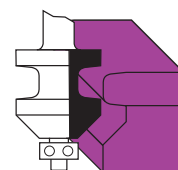
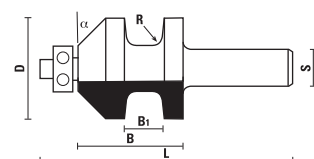
Z053.002.N



Z051.004.R

FRESE HW PER BORDI DECORATI Z=2

ART. E363 - G363



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R	L	α
E363.350.R	G363.350.R	35	36,5	12-13	3,2	89	45°



Z050.011.N



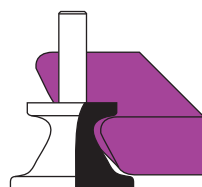
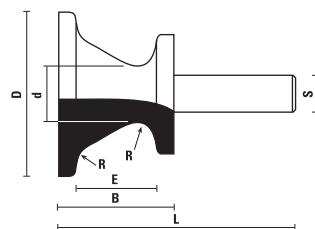
Z054.003.N



Z051.004.R

FRESE HW PER BORDI DECORATI Z=2

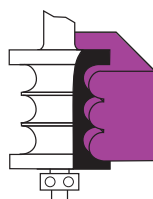
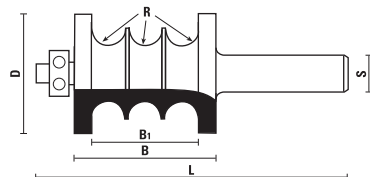
ART. E364 - G364



S Ø 12	S Ø 12,7 (1/2")	D	d	B	E	R	L
E364.370.R	G364.370.R	37	16	25	12-13	4,8	84
E364.540.R	G364.540.R	54	19	37	24-26	6,4	96
E364.710.R	G364.710.R	71	22	50	36-39	9,5	109

FRESE HW PER BORDI DECORATI Z=2

ART. E365 - G365



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R	L
E365.410.R	G365.410.R	41	51	39	6	101



Z050.011.N



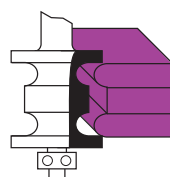
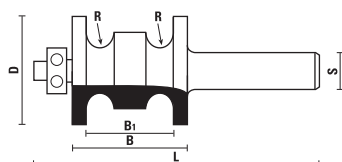
Z053.002.N



Z051.004.R

FRESE HW PER BORDI DECORATI Z=2

ART. E366 - G366



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R	L
E366.380.R	G366.380.R	38	51	38	6	79



Z050.011.N



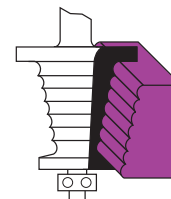
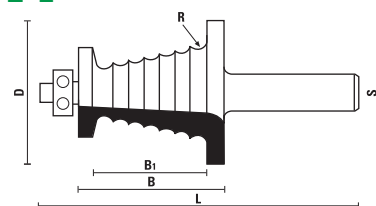
Z054.003.N



Z051.004.R

FRESE HW MILLERIGHE Z=2

ART. E367 - G367



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R	L
E367.510.R	G367.510.R	51	51	38	3	99



Z050.011.N



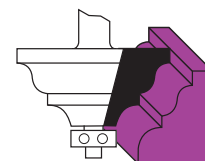
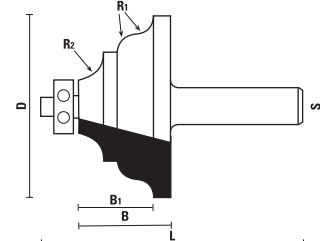
Z053.002.N



Z051.002.R

FRESE HW PER BORDI DECORATI Z=2

ART. E368 - G368



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R1	R2	L
E368.635.R	G368.635.R	63,5	32	27	6,4	9,5	81



Z050.011.N



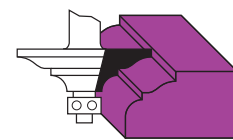
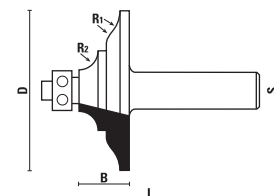
Z053.002.N



Z051.004.R

FRESE HW PER BORDI DECORATI Z=2

ART. E369 - G369



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R1	R2	L
E369.635.R	G369.635.R	63,5	22	15	7,5	7,5	70



Z050.100.N



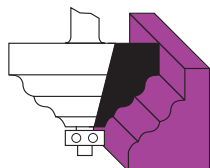
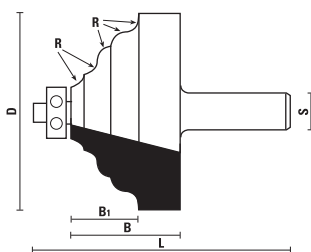
Z053.002.N



Z051.002.R

FRESE HW PER BORDI DECORATI Z=2

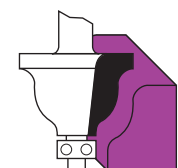
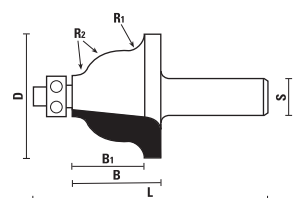
ART. E370 - G370



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R	L
E370.700.R	G370.700.R	70	40	33	4,8	87
						
Z050.101.N	Z053.002.N			Z051.004.R		

FRESE HW PER BORDI DECORATI Z=2

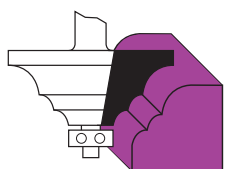
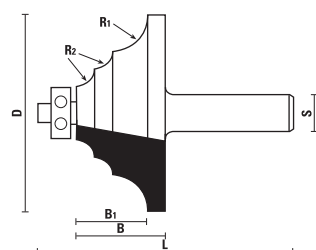
ART. E371 - G371



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R1	R2	L
E371.440.R	G371.440.R	44	32	25	6	13	82,5
							
Z050.100.N	Z053.002.N			Z051.002.R			

FRESE HW PER BORDI DECORATI Z=2

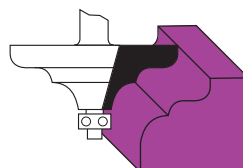
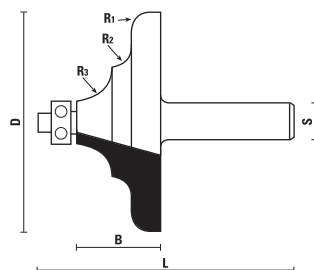
ART. E372 - G372



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R1	R2	L
E372.700.R	G372.700.R	70	33	25	12,7	6,4	79
							
Z050.101.N	Z053.002.N			Z051.004.R			

FRESE HW PER BORDI DECORATI Z=2

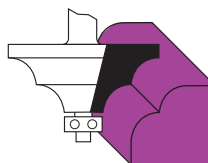
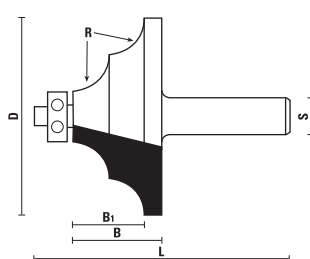
ART. E373 - G373



S Ø 12	S Ø 12,7 (1/2")	D	R1	R2	R3	B	L
E373.760.R	G373.760.R	76	6,4	6	12,7	30	78
							
Z050.100.N	Z053.002.N			Z051.002.R			

FRESE HW PER BORDI DECORATI Z=2

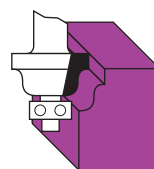
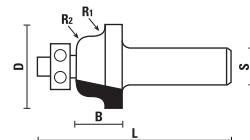
ART. E374 - G374



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R	L
E374.700.R	G374.700.R	70	32	25	12,7	82,5
						
Z050.101.N	Z053.002.N			Z051.004.R		

FRESE HW PER BORDI DECORATI Z=2

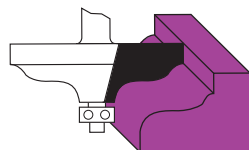
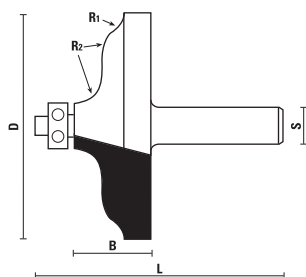
ART. E375 - G375



S Ø 12	S Ø 12,7 (1/2")	D	B	R1	R2	L
E375.286.R	G375.286.R	28,6	16	3,2	4	63,5
						
Z050.100.N	Z053.002.N			Z051.002.R		

FRESE HW PER BORDI DECORATI Z=2

ART. E376 - G376



S Ø 12	S Ø 12,7 (1/2")	D	B	R1	R2	L
E376.790.R	G376.790.R	79	28	5,2	9	74,5



Z050.100.N



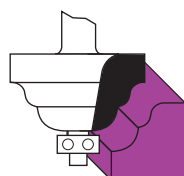
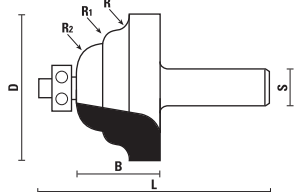
Z053.002.N



Z051.002.R

FRESE HW PER BORDI DECORATI Z=2

ART. E377 - G377



S Ø 12	S Ø 12,7 (1/2")	D	R	R1	R2	B	L
E377.510.R	G377.510.R	51	4,4	4,4	9,5	28	82,5



Z050.100.N



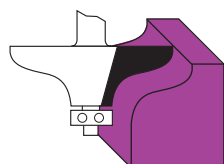
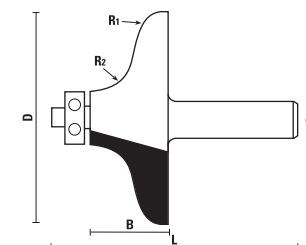
Z053.002.N



Z051.002.R

FRESE HW PER BORDI DECORATI Z=2

ART. E378 - G378



S Ø 12	S Ø 12,7 (1/2")	D	B	R1	R2	L
E378.760.R	G378.760.R	76	28	8	12,7	79



Z050.101.N



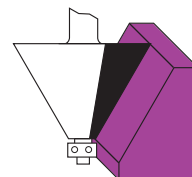
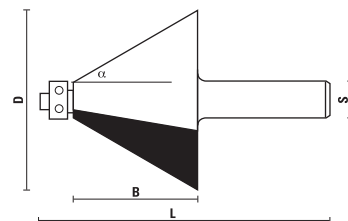
Z053.002.N



Z051.004.R

FRESE HW PER BORDI SMUSSATI Z=2

ART. E380 - G380



S Ø 12	S Ø 12,7 (1/2")	D	B	L	α
E380.510.R	G380.510.R	51	19	67	45°
E380.640.R	G380.640.R	64	44	93	30°



Z050.100.N



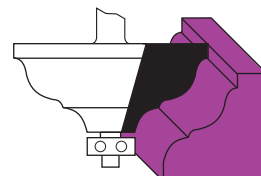
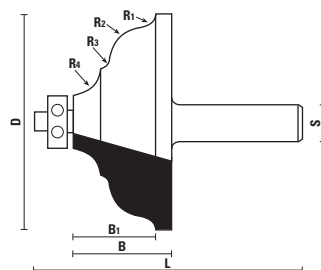
Z053.002.N



Z051.002.R

FRESE HW PER BORDI DECORATI Z=2

ART. E381 - G381



S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R1	R2	R3	R4	L
E381.760.R	G381.760.R	76	34,9	29	4,8	12,7	3,2	9,5	84



Z050.101.N



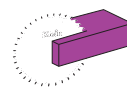
Z053.002.N



Z051.004.R

LAME CIRCOLARI PER "SOLID SURFACE"

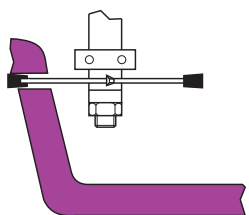
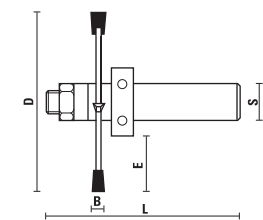
ART. MES



Vedi Capitolo 12 a pag. 12.34

FRESE HW PER RIPARAZIONE LAVELLI

ART. E382 - G382



S Ø 12	S Ø 12,7 (1/2")	D	E	B	L	Z
E382.670.R	G382.670.R	80	25,7	6	96	4

RICAMBI

Alberino di ricambio

E117.120.N

Lama ricambio D= Ø 80 Foro Ø 8 Z=4

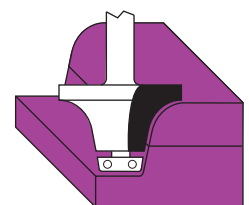
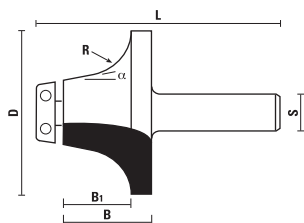
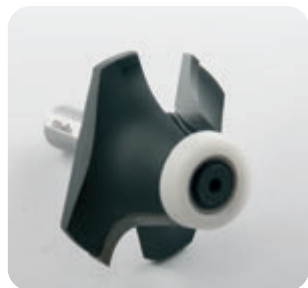
C118.980.R



Z050.112.N

FRESE HW A RAGGIO CON CUSCINETTO PROTETTO Z=2

ART. E383 - G383



Con cuscinetto conico

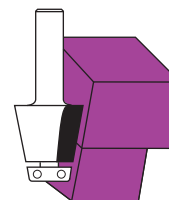
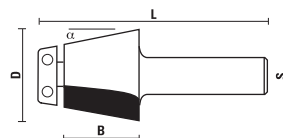
S Ø 12	S Ø 12,7 (1/2")	D	B	B1	R	L	α
E383.450.R	G383.450.R	45	17,5	13,5	9,5	63,5	17°
E383.510.R	G383.510.R	51	17,5	13,5	12,7	63,5	17°
E383.540.R	G383.540.R	54	25	20	12,7	73	17°
E383.570.R	G383.570.R	57	25	20	19	76	17°



Z050.120.N

FRESE HW A SMUSSO CON CUSCINETTO PROTETTO Z=2

ART. E384 - G384



Con cuscinetto conico

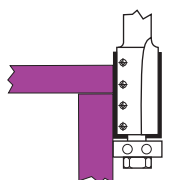
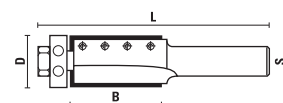
S Ø 12	S Ø 12,7 (1/2")	D	B	L	α
E384.320.R	G384.320.R	32	25	76	12°



Z050.102.N

FRESE PER REFILARE CON COLTELLI REVERSIBILI "VERSOFIX" Z=2

ART. W138



Coltellino ricoperto "Kawedur"

S Ø 12	D	B	L
W138.190.R	19	30	82



Z050.111.N



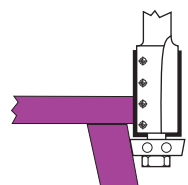
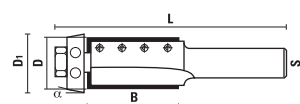
Z055.230.N



Z051.101.N

FRESE PER REFILARE CON COLTELLI REVERSIBILI "VERSOFIX" Z=2

ART. W138



Coltellino ricoperto "Kawedur"
Con cuscinetto conico

S Ø 12	D	D1	B	L	α
W138.220.R	19	22	30	82	11°



Z050.110.N



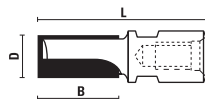
Z055.230.N



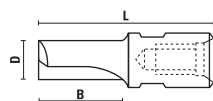
Z051.101.N

FRESE PER ELETTROFRESATRICI "ELU" Z=2

ART. F101 - F202



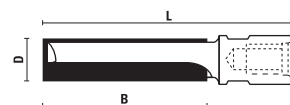
S = M12x1	D	B	L	Mat.
F101.060.R	6	18	60	HW
F101.070.R	7	20	60	HW
F101.080.R	8	25	60	HW
F101.100.R	10	25	60	HW
F101.120.R	12	25	60	HW
F101.140.R	14	25	60	HW
F101.150.R	15	25	60	HW
F101.160.R	16	25	60	HW
F101.180.R	18	25	60	HW
F101.200.R	20	25	60	HW
F101.220.R	22	25	60	HW
F101.240.R	24	25	60	HW
F101.250.R	25	25	60	HW
F101.300.R	30	25	60	HW



S = M12x1	D	B	L	Mat.
F202.100.R	10	25	60	HS
F202.120.R	12	25	60	HS
F202.160.R	16	25	60	HS
F202.200.R	20	25	60	HS
F202.220.R	22	25	60	HS
F202.240.R	24	25	60	HS

FRESE HW PER ELETTROFRESATRICI "ELU" Z=2

ART. F103 - F104 - F105

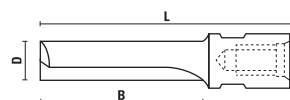


Serie lunga

S = M12x1	D	B	L
F103.080.R	8	35	67
F103.100.R	10	35	67
F103.120.R	12	35	67
F103.140.R	14	35	67
F103.160.R	16	35	67
F103.180.R	18	35	67
F103.200.R	20	35	67
F103.220.R	22	35	67
F104.120.R	12	45	77
F104.150.R	15	45	77
F104.160.R	16	45	77
F104.161.R	16	50	82
F104.180.R	18	45	77
F104.200.R	20	45	77
F105.140.R	14	60	92
F105.160.R	16	60	92
F105.180.R	18	60	92
F105.200.R	20	60	92
F105.220.R	22	60	92

FRESE HS PER ELETTROFRESATRICI "ELU" Z=2

ART. F203 - F204

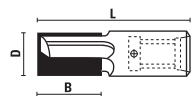


Serie lunga

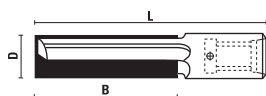
S = M12x1	D	B	L
F203.120.R	12	45	77
F203.150.R	15	45	77
F203.160.R	16	45	77
F203.200.R	20	45	77
F204.160.R	16	60	92
F204.200.R	20	60	92
F204.240.R	24	60	92

FRESE HW PER ELETTROFRESATRICI "SCHEER"

ART. F152 - F153



S = M10x1,5	D	B	L
F152.040.R	4	10	55
F152.050.R	5	12	55
F152.060.R	6	14	55
F152.080.R	8	20	55
F152.100.R	10	22	55
F152.120.R	12	22	55
F152.140.R	14	25	55
F152.150.R	15	25	55
F152.160.R	16	25	55
F152.180.R	18	25	55
F152.200.R	20	25	55
F152.220.R	22	25	55
F152.240.R	24	25	55
F152.250.R	25	25	55
F152.300.R	30	25	55



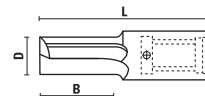
Serie lunga

S = M10x1,5	D	B	L
F153.060.R	6	30	65
F153.080.R	8	35	70
F153.100.R	10	35	70
F153.120.R	12	35	70
F153.140.R	14	35	70
F153.160.R	16	45	75
F153.180.R	18	45	75
F153.200.R	20	45	75
F153.220.R	22	45	75

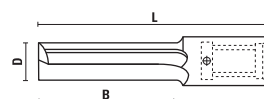


FRESE HS PER ELETTROFRESATRICI "SCHEER" Z=2

ART. F252 - F253



S = M10x1,5	D	B	L
F252.100.R	10	20	55
F252.120.R	12	20	55
F252.160.R	16	25	55
F252.200.R	20	27	55
F252.220.R	22	27	55

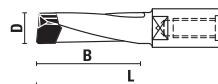


Serie lunga

S = M10x1,5	D	B	L
F253.120.R	12	40	70
F253.160.R	16	45	75
F253.200.R	20	45	75
F253.220.R	22	45	75

FRESE HW PER MACCHINE "FESTOOL" Z=2

ART. F160



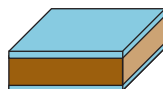
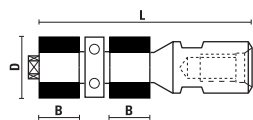
Da usare su fresatrici per giunzioni "Domino"

S = M6x0,75	D	B	L
F160.050.R	5	20	49
F160.060.R	6	28	49
F160.080.R	8	28	49
F160.100.R	10	28	49



FRESE HW A DOPPIO REFILO Z=2

ART. F108



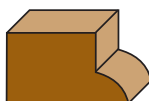
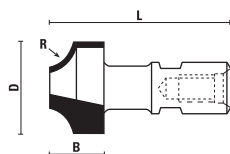
S = M12x1	D	B	L
F108.190.R	19	20	75



Z050.020.N

FRESE HW A RAGGIO CONCAVO Z=2

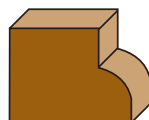
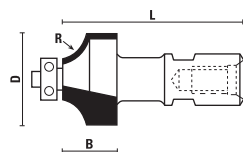
ART. F110



S = M12x1	D	R	B	L
F110.320.R ad esaurimento	32	10	15	60
F110.370.R ad esaurimento	37	12	18	60

FRESE HW A RAGGIO CONCAVO Z=2

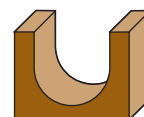
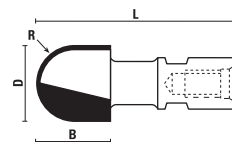
ART. F111



S = M12x1	D	R	B	L
F111.290.R	29	8	13	60
F111.330.R	33	10	15	60
F111.370.R	37	12	17	60
F111.430.R	43	15	20	60
F111.530.R	53	20	25	60

FRESE HW A RAGGIO CONVESSO Z=2

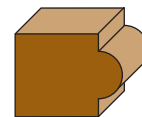
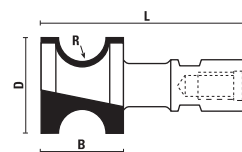
ART. F112



S = M12x1	D	R	B	L
F112.160.R	16	8	18	60
F112.200.R	20	10	18	60
F112.240.R	24	12	18	60
F112.300.R	30	15	18	60

FRESE HW A RAGGIO MEZZO TONDO Z=2

ART. F114



S = M12x1	D	R	B	L
F114.450.R	45	15	50	80

