

**APPLICAZIONE/APPLICATION:**

Realizzazione di antine per cucina o decorazione di pannelli in MDF.
Production of MDF kitchen doors or decoration of MDF panels.

MACCHINA/MACHINE:

Pantografo CNC/CNC router.

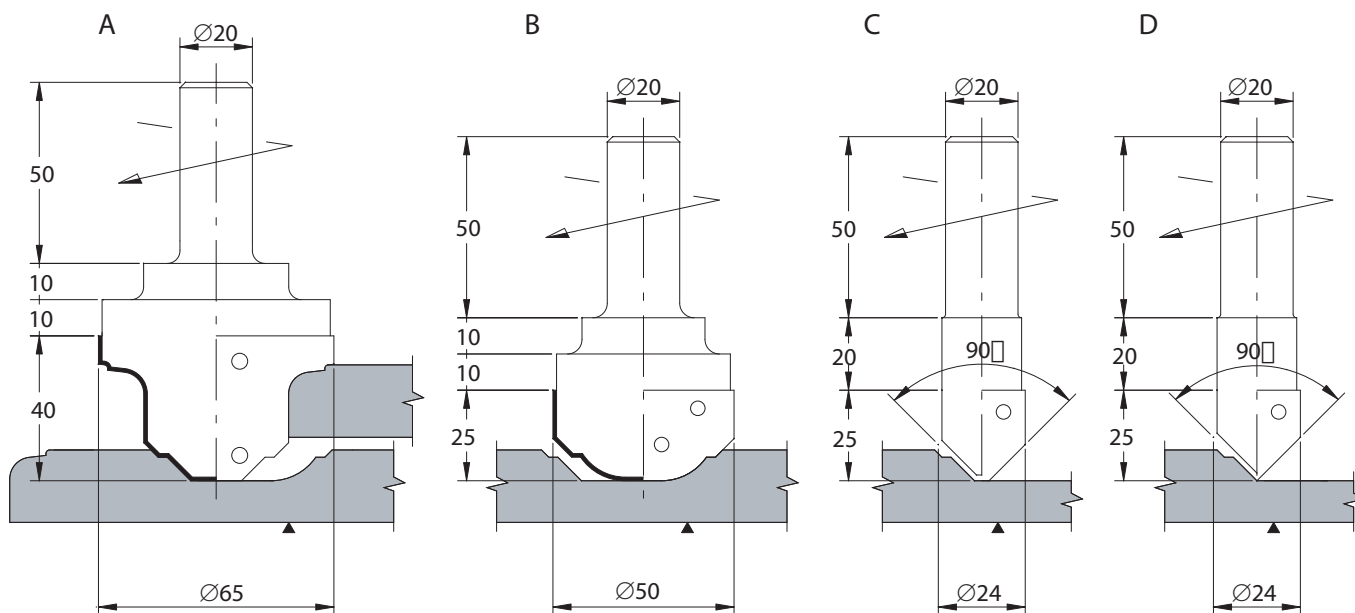
INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con coltelli intercambiabili in HW integrale micrograno. Su richiesta si costruiscono con angoli di taglio idonei alla lavorazione di legni naturali. Vengono fornite con attacco cilindrico d. 20x50. Per attacchi conici aumento del 15%.

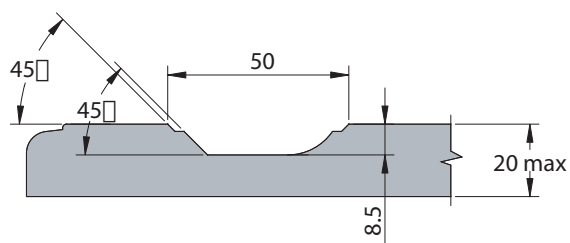
Manufactured with indexable micrograin solid carbide knives. On request we can produce for solid wood with suitable cutting angles. Supplied with cylindrical shank d. 20x50. Increase of 15% for tapered shanks.

MEC **HW**

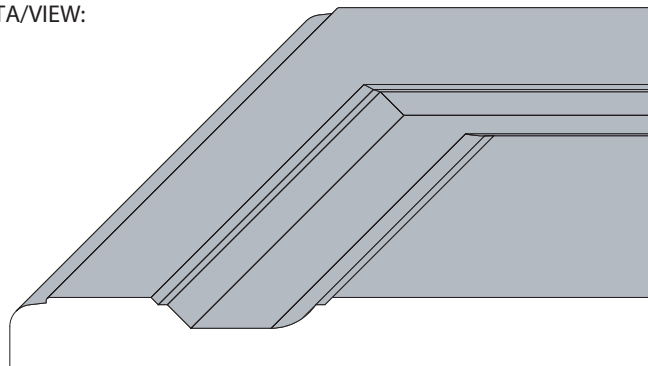
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							Coltello Knife	Vite Screw	Chiave Key
5001.000.001	65	40	2	16.000	L23	A	8170.040.035	8330.035.003	8345.015.000
5001.000.002	50	25	2	18.000	D22	B	8170.030.025	8330.035.003	8345.015.000
5001.000.003	24	25	1	20.000	B19	C	8170.025.012	8330.035.003	8345.015.000
5001.000.004	24	25	1	20.000	B19	D	8170.025.012	8330.035.003	8345.015.000



SEZIONE/SECTION:



VISTA/VIEW:



**APPLICAZIONE/APPLICATION:**

Profilatura di porte in legno massiccio a spessore variabile.
Profiling of solid wood doors with variable thickness.

MACCHINA/MACHINE:

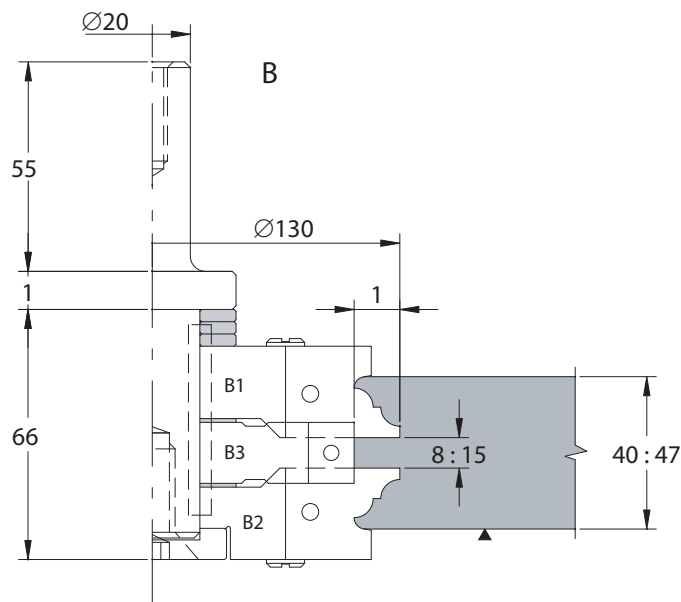
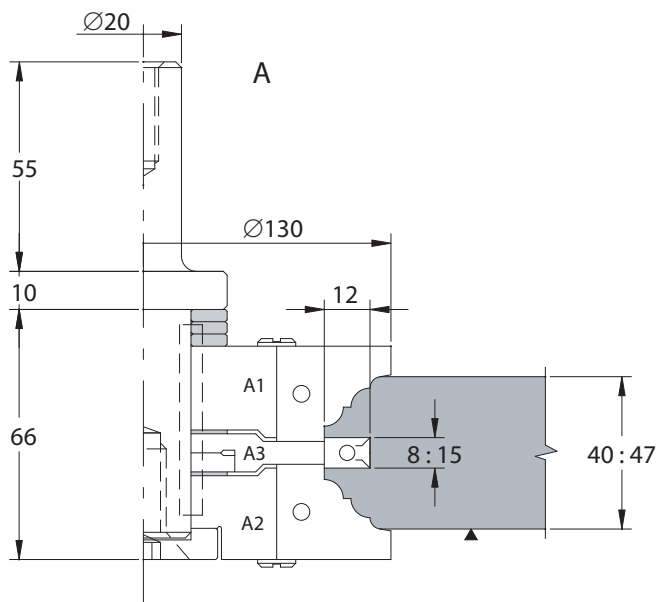
Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

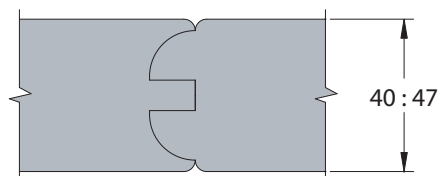
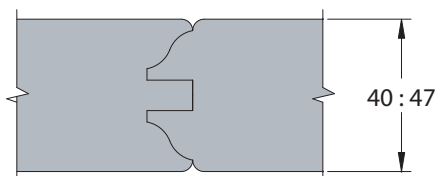
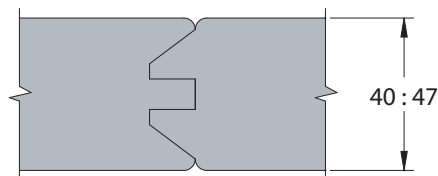
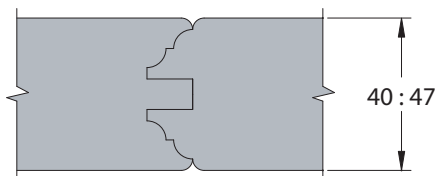
Esecuzione con coltelli intercambiabili in HW integrale micrograno. Costruite con angoli di taglio idonei alla lavorazione di legni naturali. I gruppi possono utilizzare coltelli per realizzare i profili proposti su spessori di legno variabili. Corpo frese in lega leggera "Ergal". Vengono fornite con attacco cilindrico d. 20x50 o d. 25x55.
Manufactured with indexable micrograin solid carbide knives. Produced with suitable cutting angles for solid wood. The cutter can work with different profile knives to obtain suggested profiles on various wood thickness. Cutter body made by "Ergal" light alloy. Supplied with cylindrical shank d. 20x50 or d. 25x55.

MEC **HW** **Z=2**
RICAMBI/Spare parts

Codice Code	D D	S S	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	Coltello Knife	Cuneo Wedge	Vite Screw	Incisore Spur	Vite Screw	Chiave Key
5022.130.001	130	66	12.000	H35	A	8170.025.035-A1	8280.210.000	8285.008.000			8350.040.000
						8170.025.035-A2	8280.210.000	8285.008.000			8350.040.000
						8105.076.012-A3	8280.070.000	8285.006.000	8120.140.002	8295.005.000	8350.030.000
5022.130.002	130	66	12.000	H35	B	8170.025.030-B1	8280.210.000	8285.008.000			8350.040.000
						8170.025.030-B2	8280.210.000	8285.008.000			8350.040.000
						8105.150.012-B3	8280.130.000	8285.008.000			8350.040.000



ESEMPI DI PROFILI / PROFILE SAMPLES



5003

FRESE PANTOGRAFO PER ANTINE MDF CNC ROUTER CUTTERS FOR MDF DOORS



APPLICAZIONE/APPLICATION:

Realizzazione di antine per cucina o decorazione di pannelli in MDF.
Production of MDF kitchen doors or decoration of MDF panels.

MACCHINA/MACHINE:

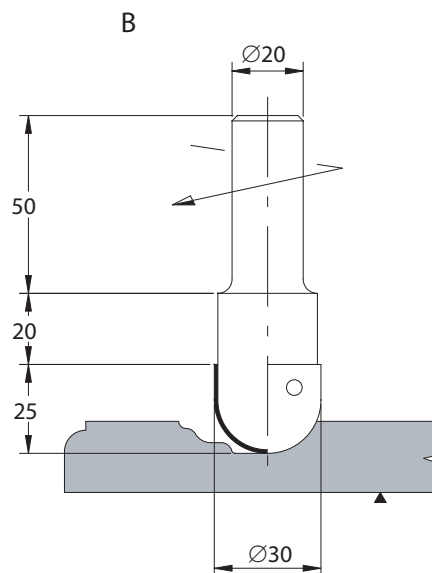
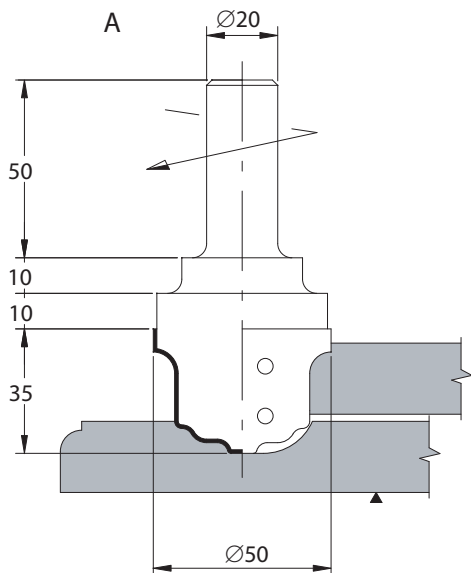
Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

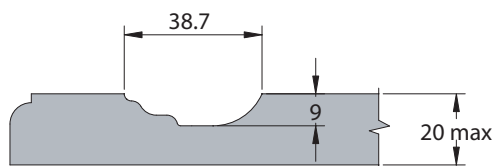
Esecuzione con coltelli intercambiabili in HW integrale micrograno. Su richiesta si costruiscono con angoli di taglio idonei alla lavorazione di legni naturali. Vengono fornite con attacco cilindrico d. 20x50. Per attacchi conici aumento del 15%.
Manufactured with indexable micrograin solid carbide knives. On request we can produce for solid wood with suitable cutting angles. Supplied with cylindrical shank d. 20x50. Increase of 15% for tapered shanks.

MEC **HW**

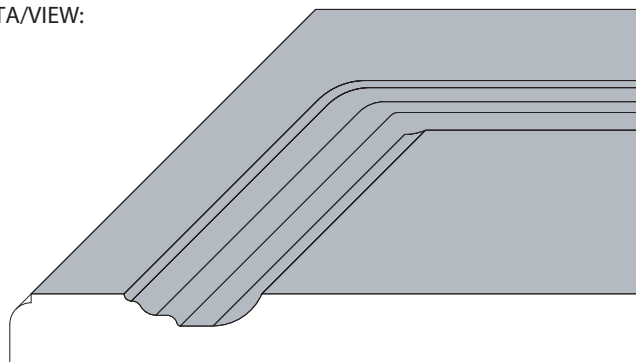
Codice Code	D D	S S	Z Z	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	RICAMBI/Spare Parts		
							Coltello Knife	Vite Screw	Chiave Key
5003.000.001	50	35	2	18.000	M22	A	8170.035.025	8330.035.003	8345.015.000
5003.000.002	30	25	2	20.000	H21	B	8170.015.025	8330.035.003	8345.015.000



SEZIONE/SECTION:

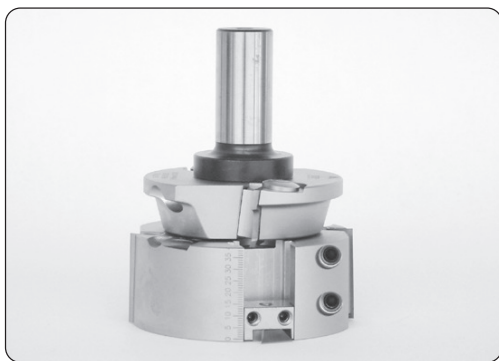


VISTA/VIEW:



5021

GRUPPO FRESE PER PORTE CNC ROUTER CUTTERSET FOR DOORS



APPLICAZIONE/APPLICATION:

Profilatura esterna di porte in legno/Profiling of solid wood doors.

MACCHINA/MACHINE:

Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con coltelli intercambiabili in HW integrale micrograno. Costruita con angoli di taglio idonei alla lavorazione di legni naturali. Il gruppo può utilizzare diversi coltelli per realizzare i profili proposti su spessori di legno variabili. Corpo frese in lega leggera "Ergal". Vengono fornite con attacco cilindrico d. 20x50 o d. 25x55.

Manufactured with indexable micrograin solid carbide knives. Produced with suitable cutting angles for solid wood. The cutter can work with different profile knives to obtain suggested profiles on various wood thickness. Cutter body made by "Ergal" light alloy. Supplied with cylindrical shank d. 20x50 or d. 25x55.

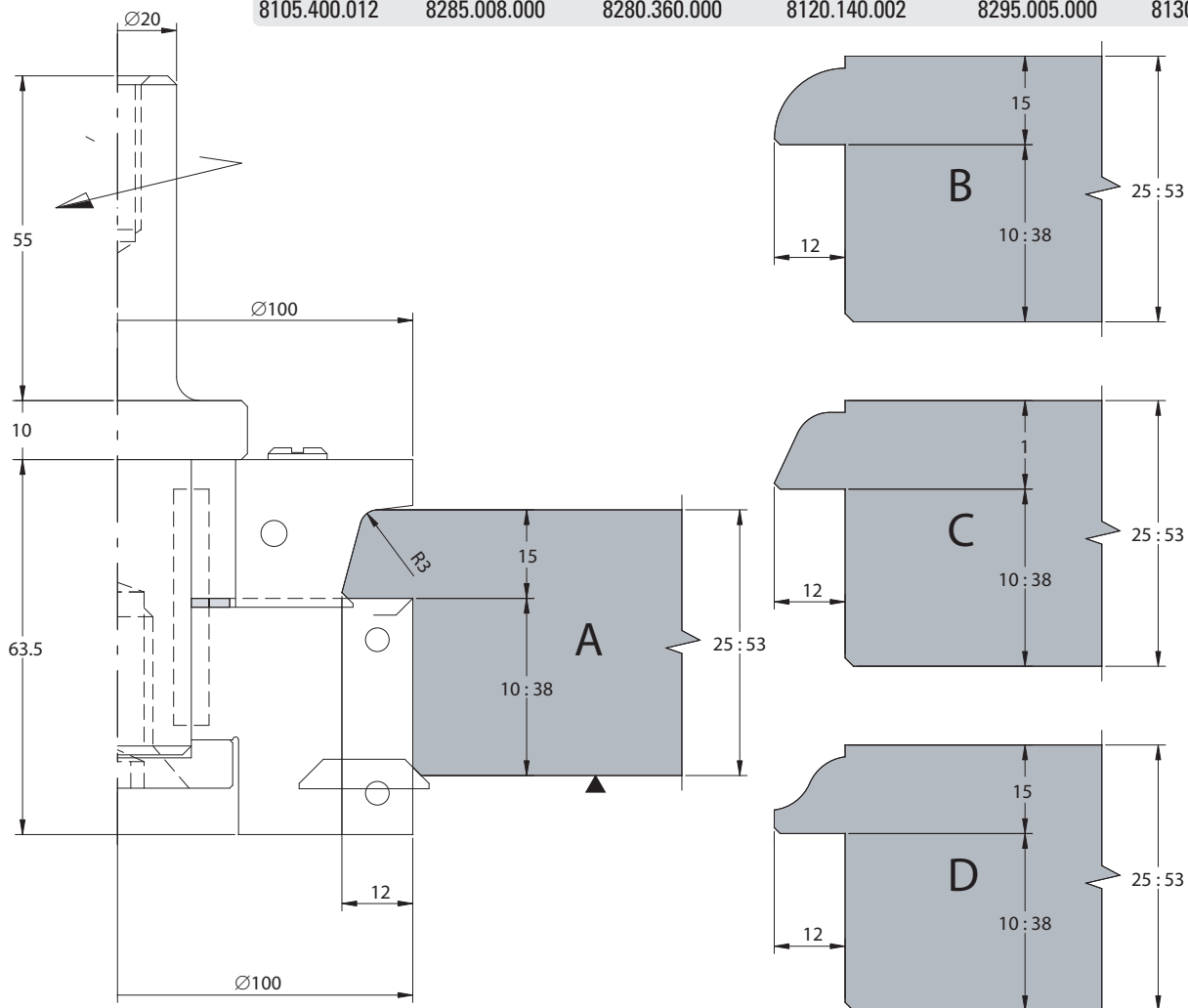
MEC **HW** **Z=2**

RICAMBI FRESA SAGOMATA/Profile cutter spare parts

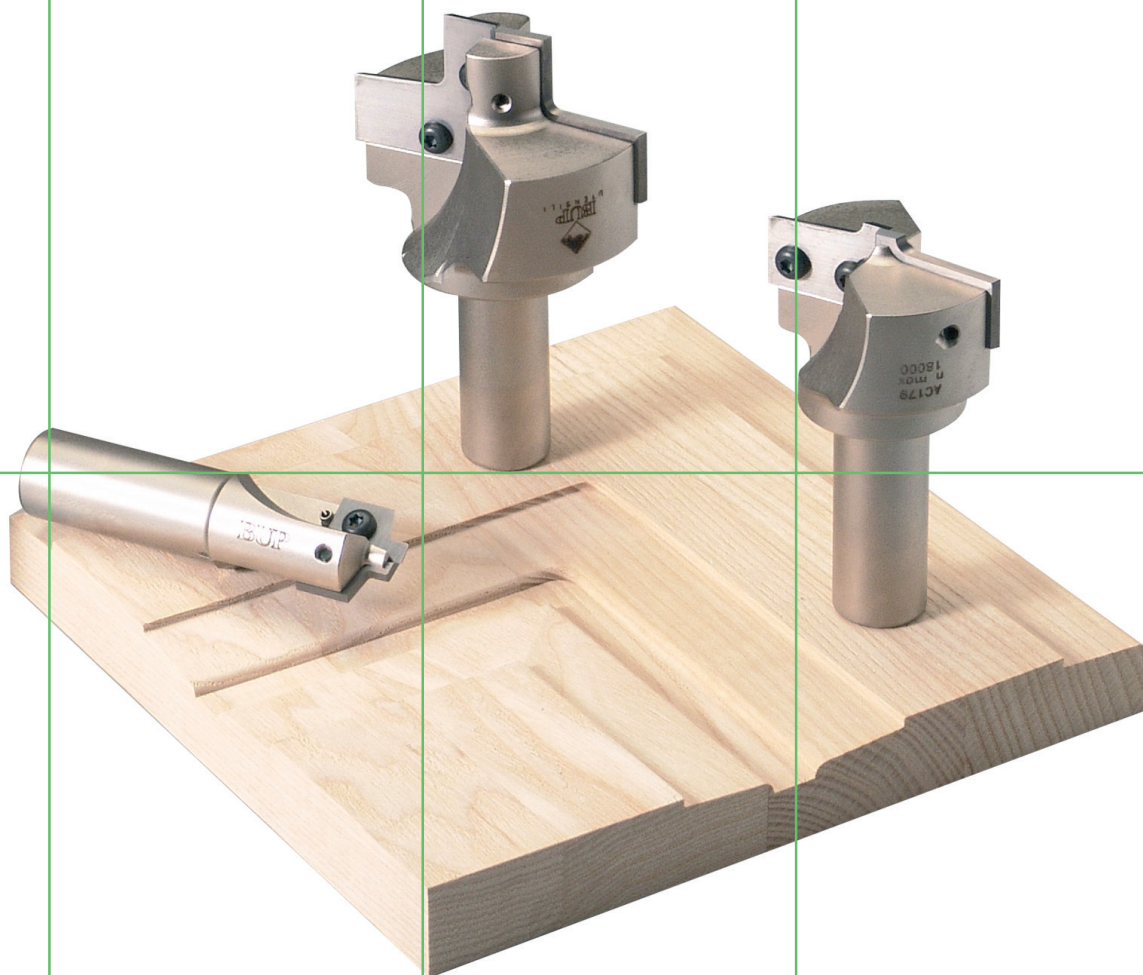
Codice Code	D D	S S	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	Coltello Knife	Vite Screw	Cuneo Wedge	Chiave Key
5021.000.001	100	63,5	12.000	H33	A	8170.025.030	8285.008.000	8280.210.000	8350.040.000
					B	8170.025.030			
					C	8170.025.030			
					D	8170.025.030			

RICAMBI FRESA PIANA/Straight cutter spare parts

Coltello Knife	Vite Screw	Cuneo Wedge	Incisore Spur	Vite incisore Spur screw	Spigolatore 45° insert
8105.400.012	8285.008.000	8280.360.000	8120.140.002	8295.005.000	8130.220.045

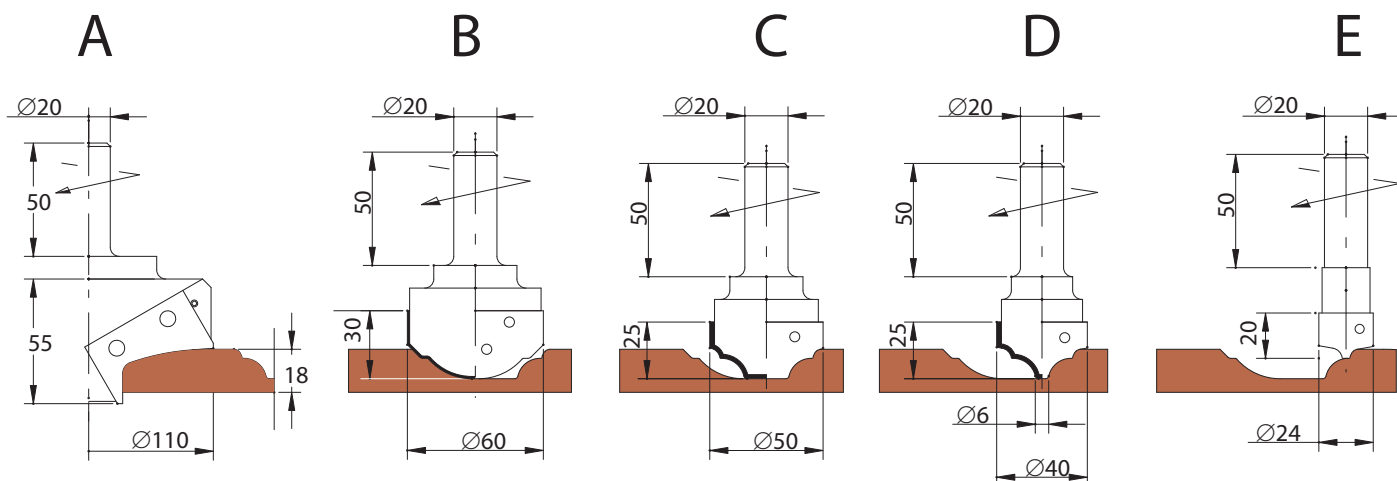


Precision tools for CNC machines

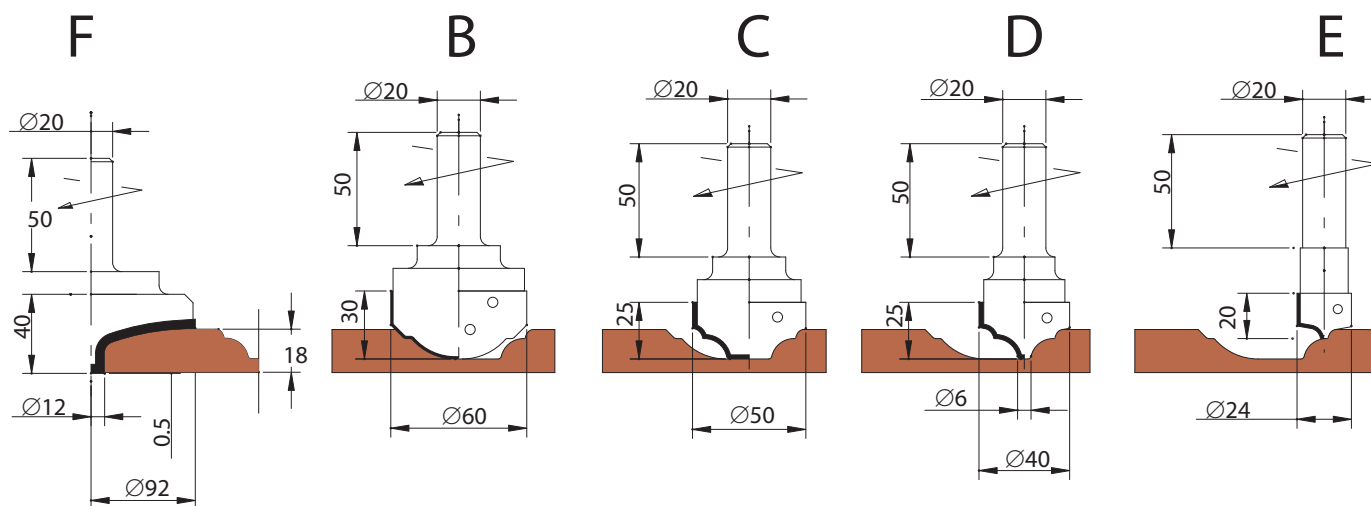


www.buputensili.it

5A



NESTING SYSTEM :



MEC HW DP

Codice Code	D D	S S	Z Z	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	RICAMBI/Spare Parts		
							Coltello Knife	Vite Screw	Chiave Key
5401.000.001	110	55	2	12.000	D28	HW A	8170.050.030	8330.060.000	8350.040.000
5401.000.002	60	30	2	18.000	L22	HW B	8170.030.030	8330.035.003	8345.015.000
5401.000.003	50	25	2	18.000	D22	HW C	8170.025.025	8330.035.003	8345.015.000
5401.000.004	40	25	2	18.000	B22	HW D	8170.020.025	8330.035.003	8345.015.000
5401.000.005	24	20	2	20.000	F20	HW E	8170.020.012	8330.035.003	8345.015.000
6401.000.001	92	40	2	18.000	E36	DP F	-	-	-

Per frese diamantate (DP) chiedere offerta
For diamond cutters (DP) quotation on request

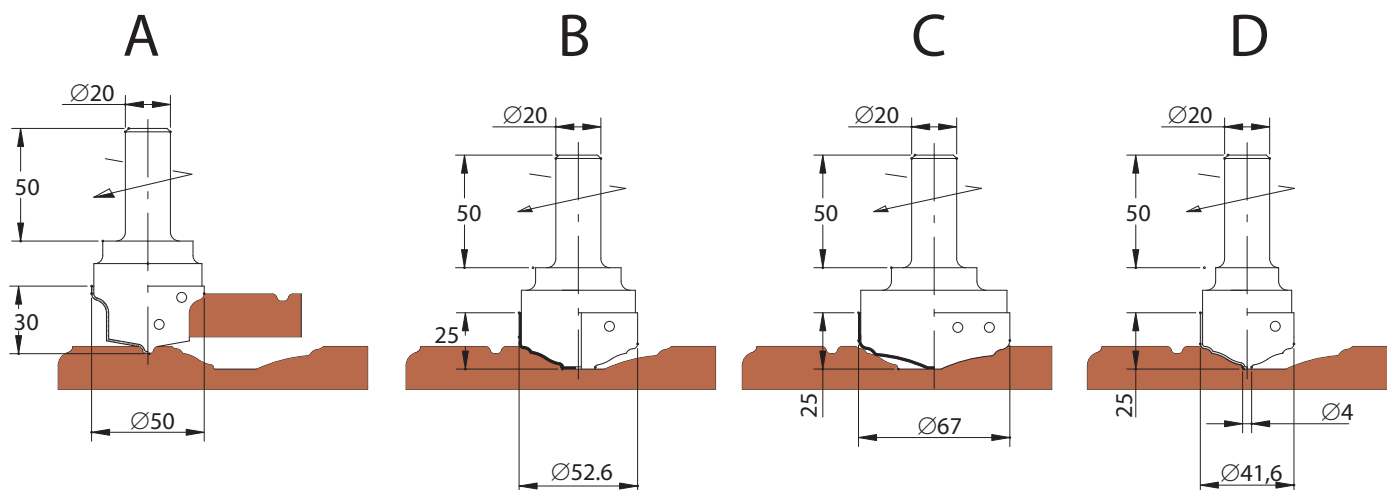
SEZIONE VERTICALE/VERTICAL SECTION



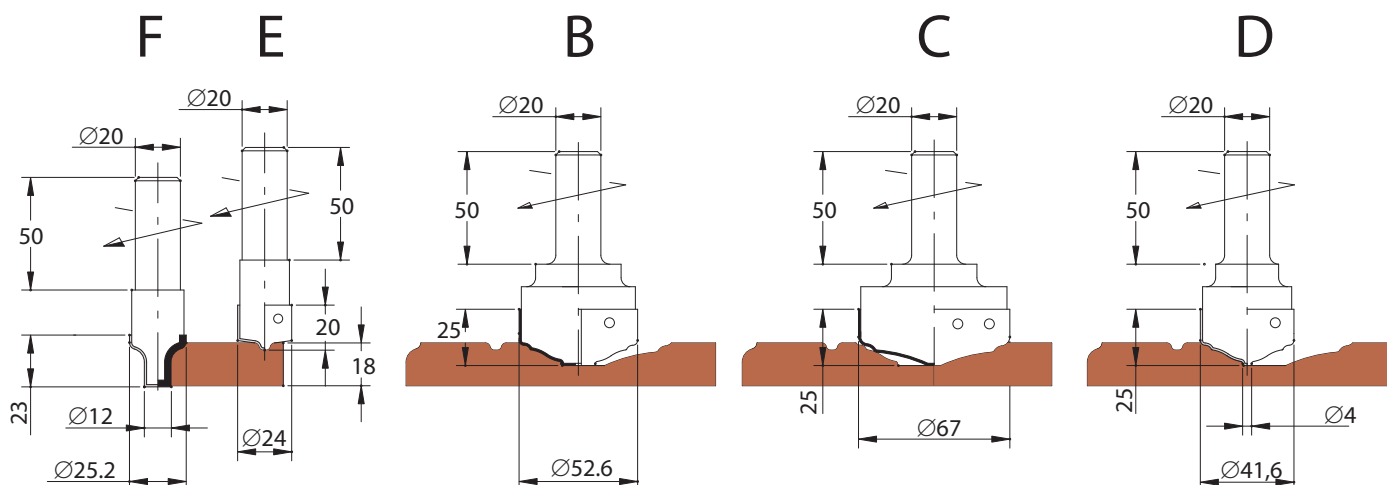
5401

FRESE PANTOGRAFO PER ANTINE MDF
CNC ROUTER CUTTERS FOR MDF DOORS





NESTING SYSTEM :



MEC HW DP

RICAMBI/Spare Parts

Codice Code	D D	S S	Z Z	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	Coltello Knife	Vite Screw	Chiave Key
5402.000.001	50	30	2	18.000	G22	HW A	8170.030.025	8330.035.003	8345.015.000
5402.000.002	52,6	25	2	18.000	D22	HW B	8170.025.025	8330.035.003	8345.015.000
5402.000.003	67	25	2	16.000	H25	HW C	8170.035.025	8330.035.003	8345.015.000
5402.000.004	41,6	25	2	20.000	B22	HW D	8170.025.025	8330.035.003	8345.015.000
5402.000.005	24	20	2	20.000	F20	HW E	8170.020.012	8330.035.003	8345.015.000
6402.000.001	25,2	23	2	20.000	E28	DP F	-	-	-

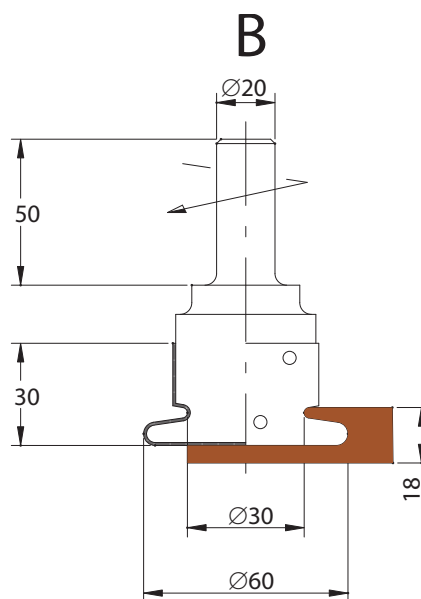
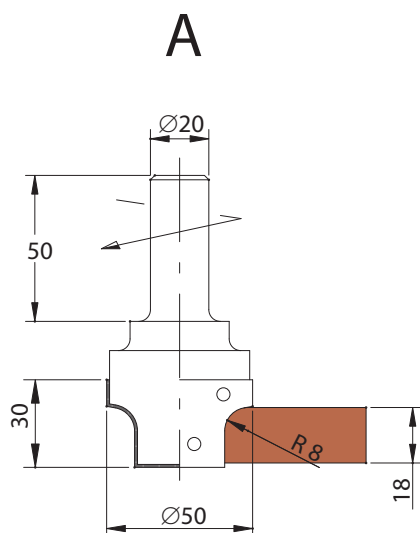
SEZIONE VERTICALE/VERTICAL SECTION



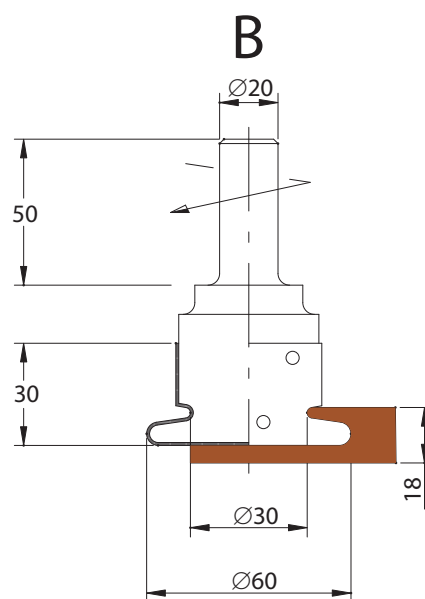
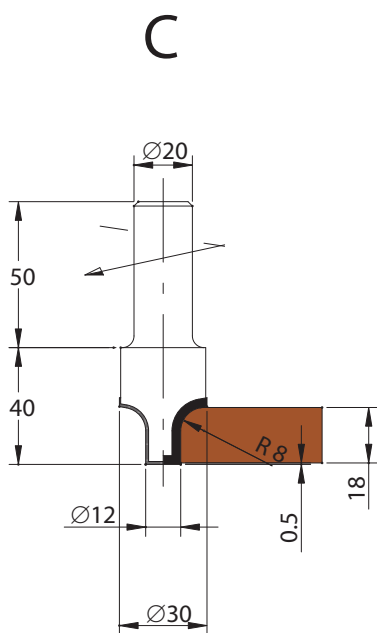
5402

FRESE PANTOGRAFO PER ANTINE MDF
CNC ROUTER CUTTERS FOR MDF DOORS





NESTING SYSTEM :


MEC **HW** **DP**

RICAMBI/Spare Parts

Codice Code	D D	S S	Z Z	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	Coltello Knife	Vite Screw	Chiave Key
5403.000.001	50	30	2	18.000	G22	HW A	8170.030.025	8330.035.003	8345.015.000
5403.000.002	60	30	2	16.000	L22	HW B	8170.030.030	8330.035.003	8345.015.000
6403.000.001	30	40	2	20.000	E29	DP C	-	-	-

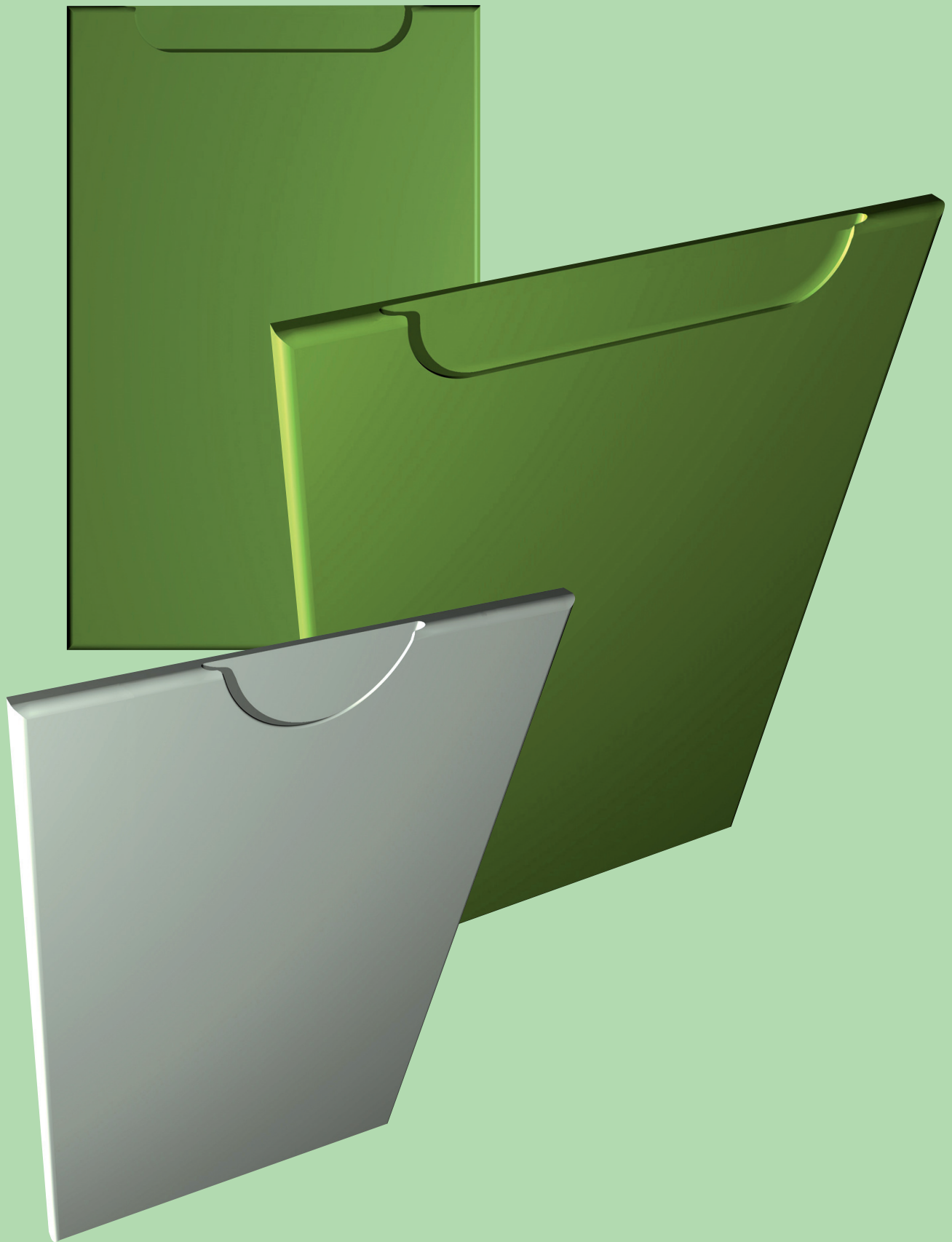
Per frese diamantate (DP) chiedere offerta
For diamond cutters (DP) quotation on request

SEZIONE VERTICALE/VERTICAL SECTION



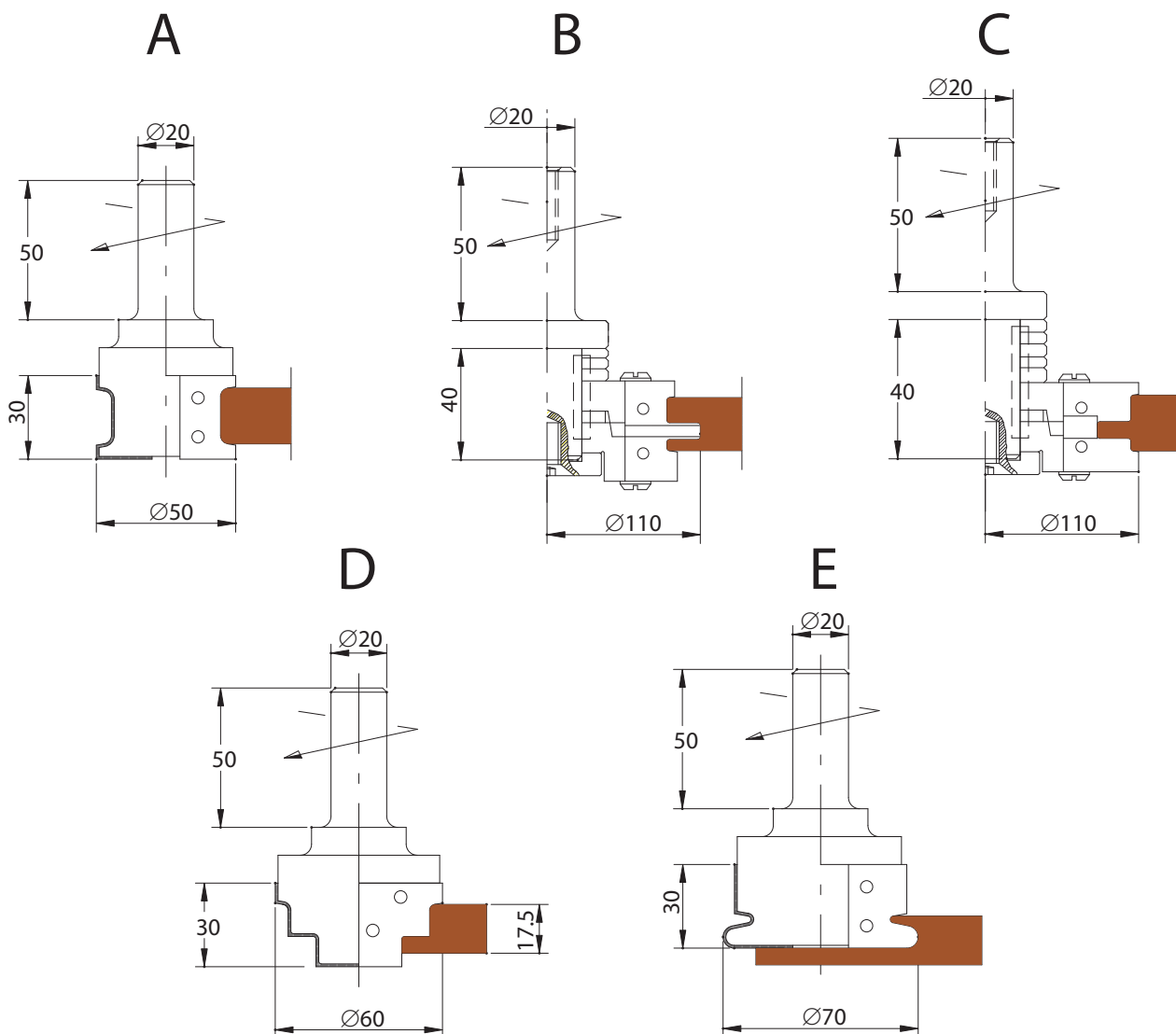
5403

FRESE PANTOGRAFO PER ANTINE MDF
CNC ROUTER CUTTERS FOR MDF DOORS



5404

FRESE PANTOGRAFO PER ANTINE IN LEGNO CNC ROUTER CUTTERS FOR SOLID WOOD DOORS

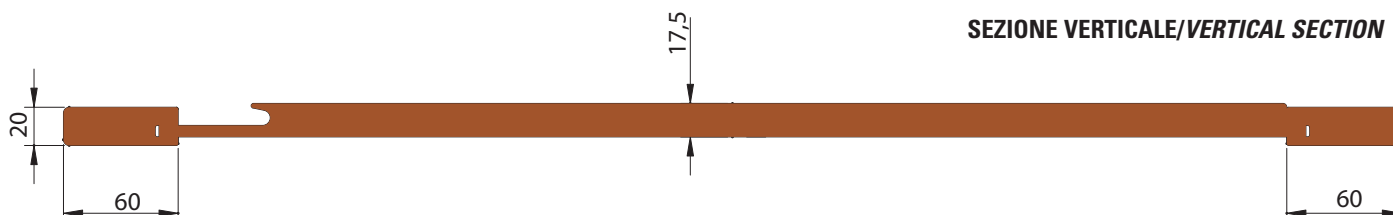


MEC **HW**

RICAMBI/Spare Parts

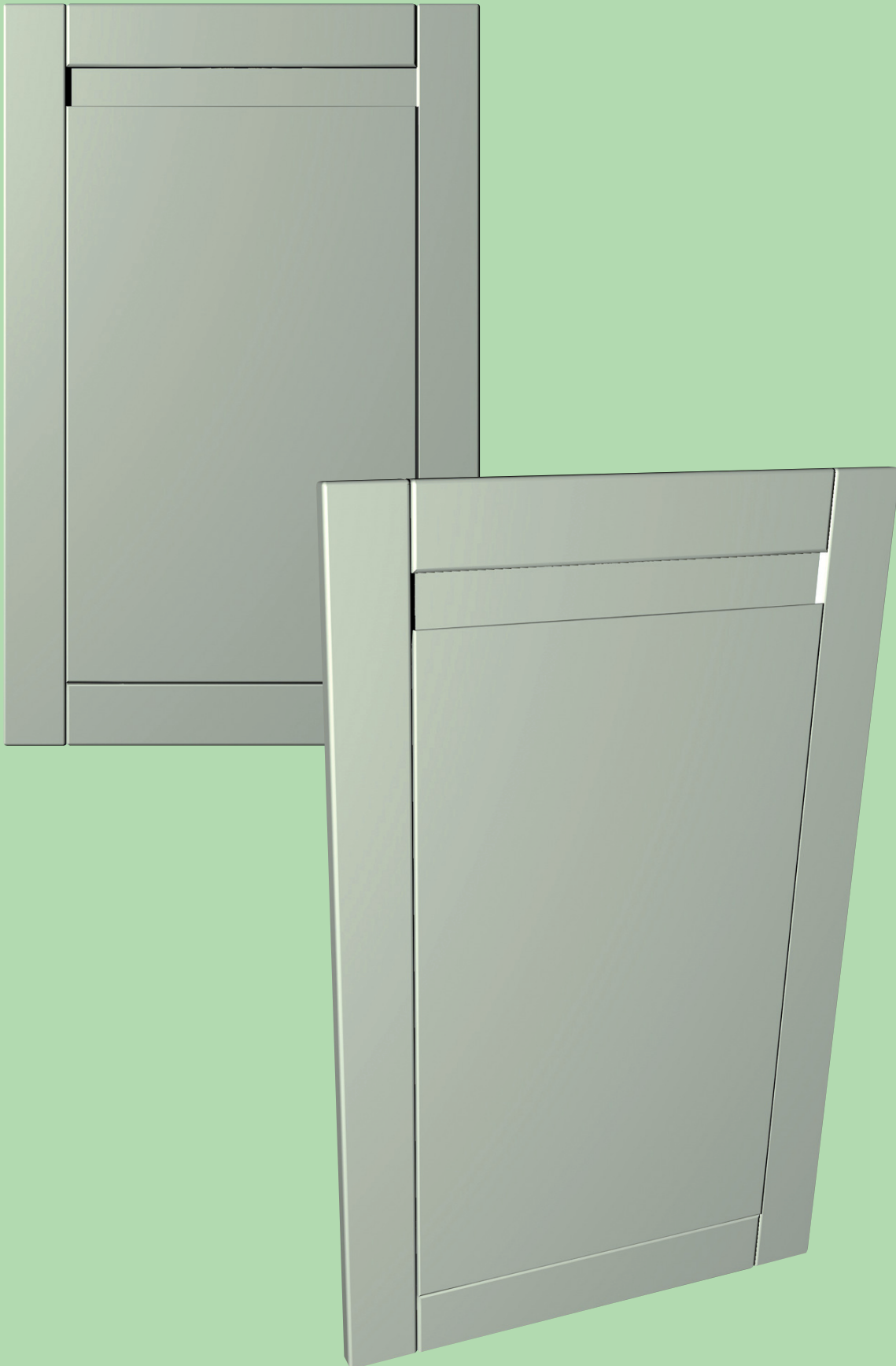
Codice Code	D D	S S	Z Z	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	Coltello Knife	Vite Screw	Cuneo Wedge	Chiave Key
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5404.000.002	110	40	2	12.000	L31	HW B	8170.020.030	8285.008.000	8280.160.000	8350.040.000
5404.000.003	110	40	2	12.000	L31	HW C	8170.020.030	8285.008.000	8280.160.000	8350.040.000
5404.000.004	60	30	2	18.000	L22	HW D	8170.030.030	8330.035.003	-	8345.015.000
5404.000.005	70	30	2	16.000	B24	HW E	8170.030.025	8330.035.003	-	8345.015.000

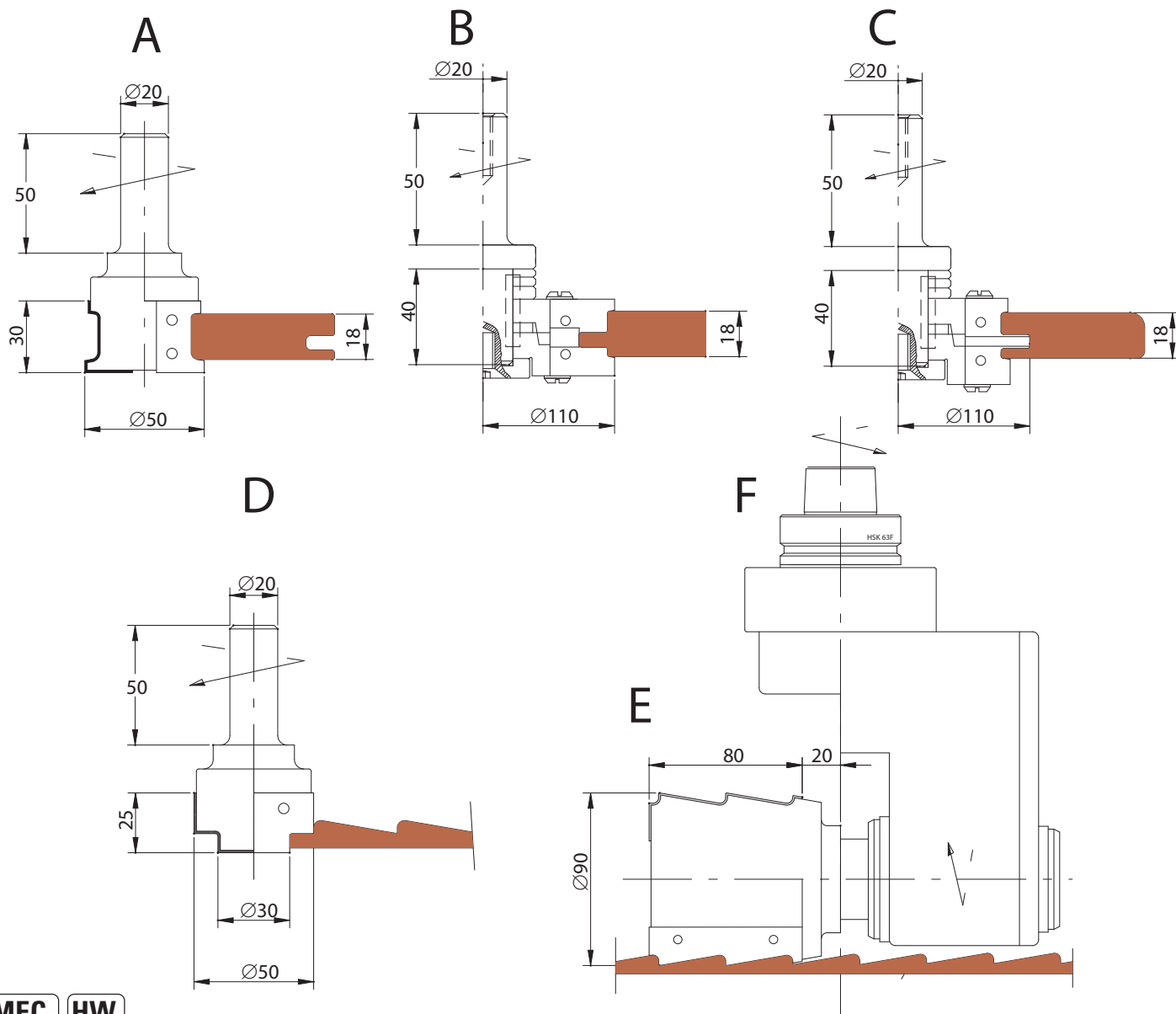
SEZIONE VERTICALE/VERTICAL SECTION



5404

FRESE PANTOGRAFO PER ANTINE IN LEGNO
CNC ROUTER CUTTERS FOR SOLID WOOD DOORS





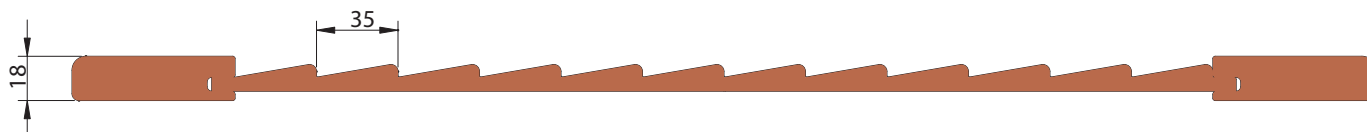
MEC HW

RICAMBI/Spare Parts

Codice Code	D D	S S	Z Z	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	Coltello Knife	Vite Screw	Cuneo Wedge	Chiave Key
5405.000.001	50	30	2	18.000	G22	HW A	8170.030.025	8330.035.003	-	8345.015.000
5405.000.002	110	40	2	12.000	L31	HW B	8170.020.030	8285.008.000	8280.160.000	8350.040.000
5405.000.003	110	40	2	12.000	L31	HW C	8170.020.030	8285.008.000	8280.160.000	8350.040.000
5405.000.004	50	25	2	18.000	D22	HW D	8170.025.025	8330.035.000	-	8345.015.000
5405.000.005	90	80	2	9.000	L29	HW E	8175.080.020	8330.060.000	-	8350.040.000

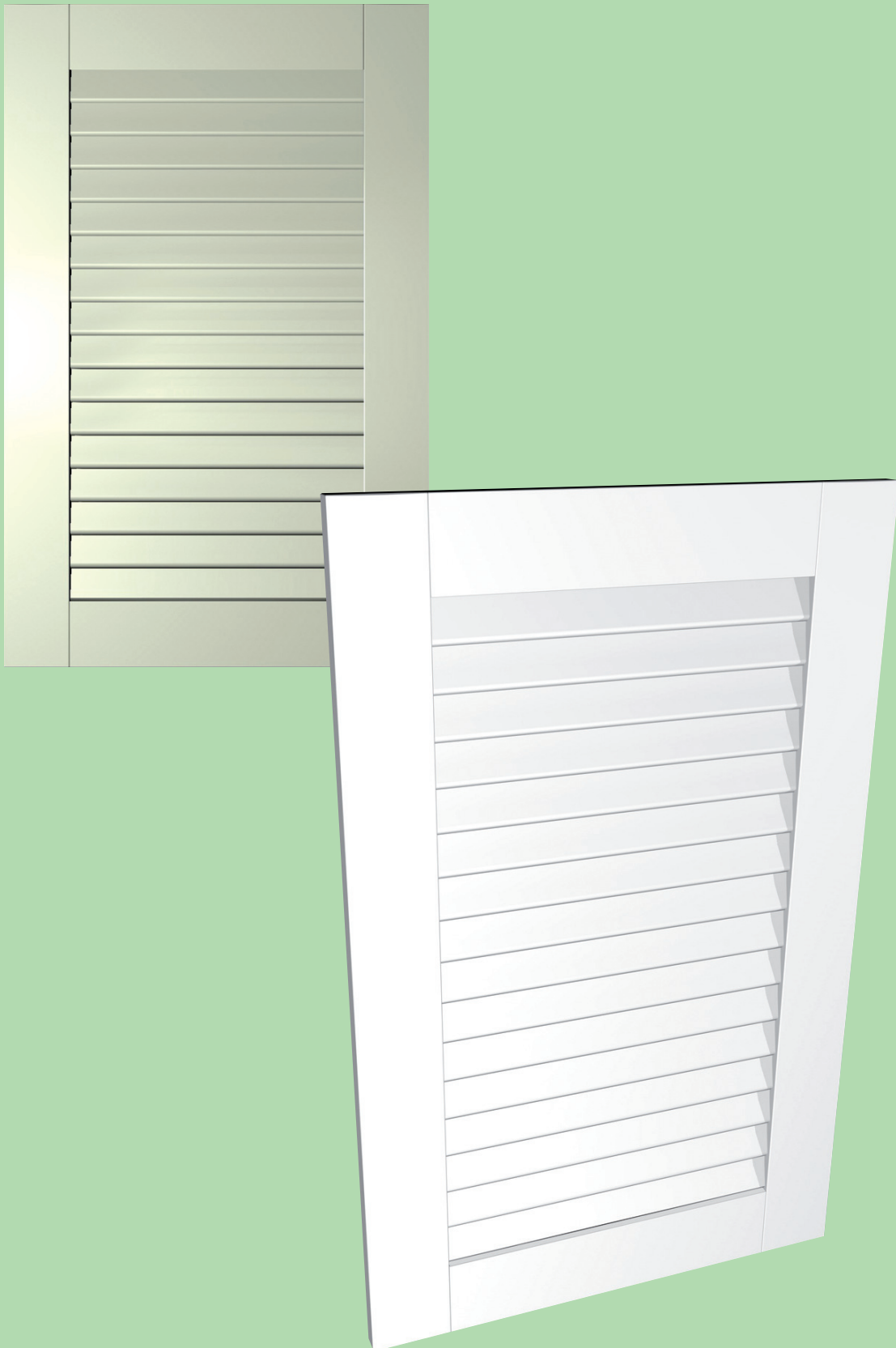
Per aggregato "F" chiedere offerta
 For aggregate "F" quotation on request

SEZIONE VERTICALE/VERTICAL SECTION



5405

FRESE PANTOGRAFO PER ANTINE MDF
CNC ROUTER CUTTERS FOR MDF DOORS



5004

FRESE PANTOGRAFO PER ANTINE MDF CNC ROUTER CUTTERS FOR MDF DOORS



APPLICAZIONE/APPLICATION:

Realizzazione di antine per cucina o decorazione di pannelli in MDF.
Production of MDF kitchen doors or decoration of MDF panels.

MACCHINA/MACHINE:

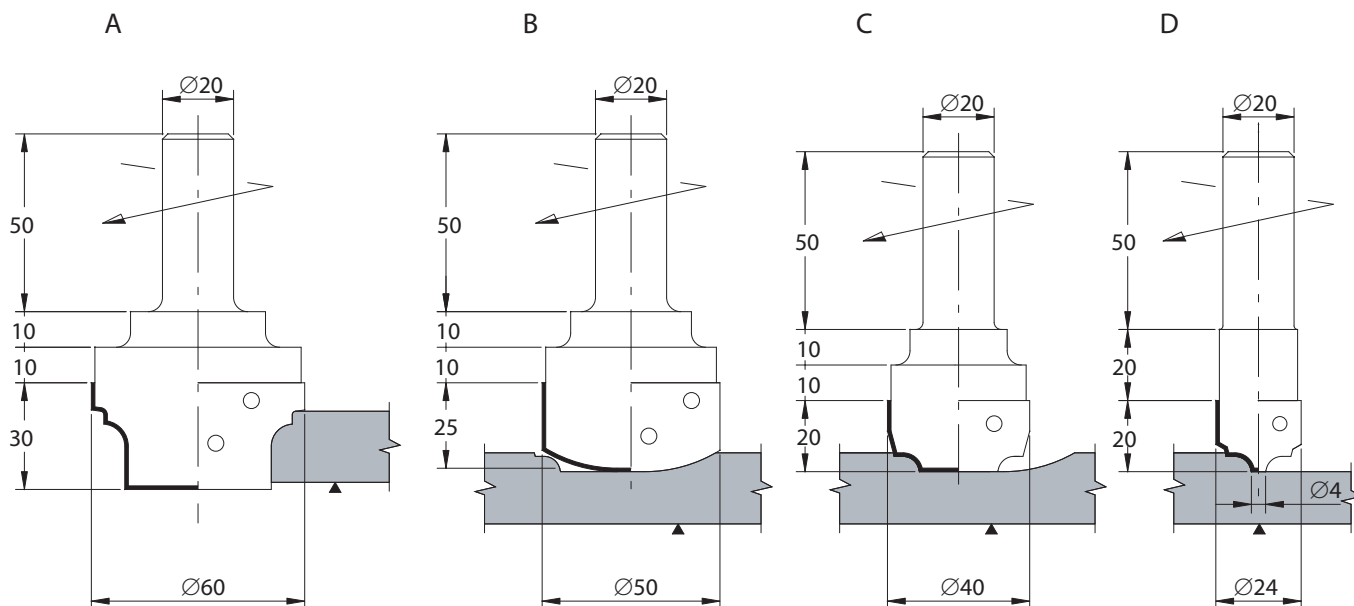
Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

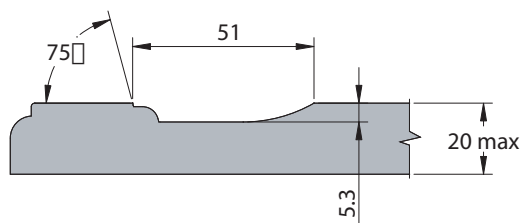
Esecuzione con coltelli intercambiabili in HW integrale micrograno. Su richiesta si costruiscono con angoli di taglio idonei alla lavorazione di legni naturali. Vengono fornite con attacco cilindrico d. 20x50. Per attacchi conici aumento del 15%.
Manufactured with indexable micrograin solid carbide knives. On request we can produce for solid wood with suitable cutting angles. Supplied with cylindrical shank d. 20x50. Increase of 15% for tapered shanks.

MEC **HW**

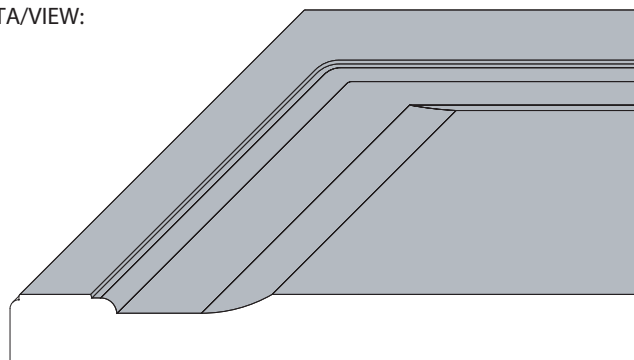
Codice Code	D D	S S	Z Z	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	RICAMBI/Spare Parts		
							Coltello Knife	Vite Screw	Chiave Key
5004.000.001	60	30	2	18.000	L22	A	8170.030.030	8330.035.003	8345.015.000
5004.000.002	50	25	2	18.000	D22	B	8170.030.025	8330.035.003	8345.015.000
5004.000.003	40	20	2	20.000	C21	C	8170.020.020	8330.035.003	8345.015.000
5004.000.004	24	20	2	20.000	F20	D	8170.020.012	8330.035.003	8345.015.000



SEZIONE/SECTION:



VISTA/VIEW:



5005

FRESE PANTOGRAFO PER ANTINE MDF CNC ROUTER CUTTERS FOR MDF DOORS



APPLICAZIONE/APPLICATION:

Realizzazione di antine per cucina o decorazione di pannelli in MDF.
Production of MDF kitchen doors or decoration of MDF panels.

MACCHINA/MACHINE:

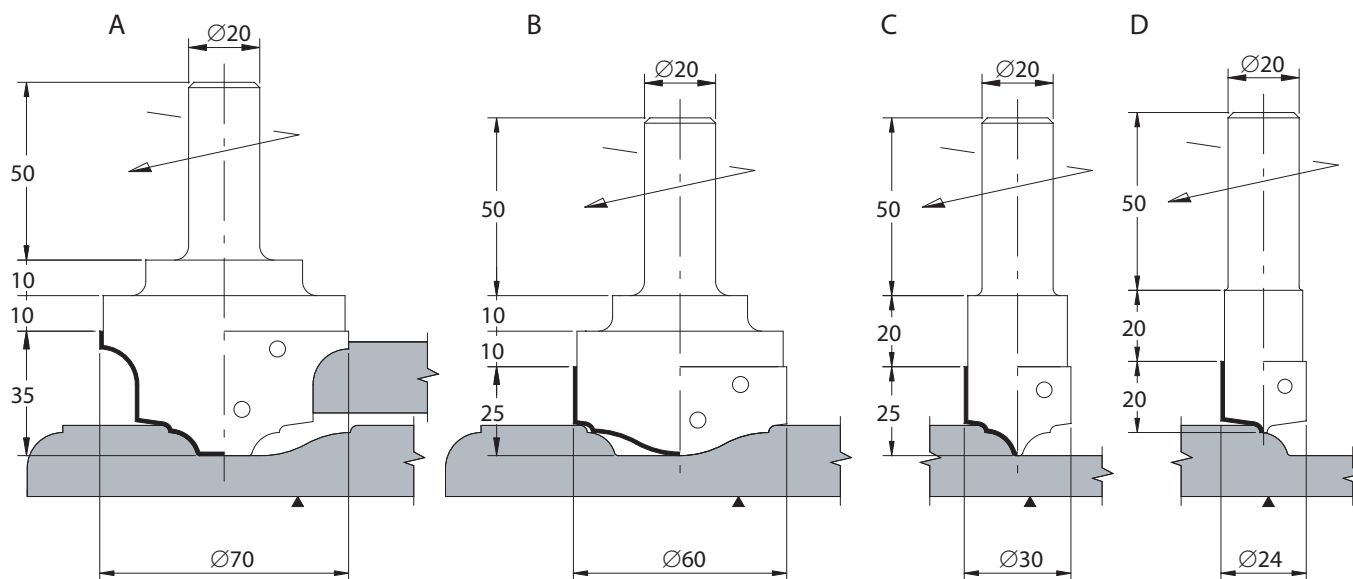
Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

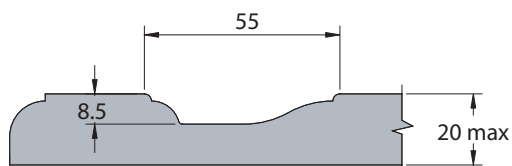
Esecuzione con coltelli intercambiabili in HW integrale micrograno. Su richiesta si costruiscono con angoli di taglio idonei alla lavorazione di legni naturali. Vengono fornite con attacco cilindrico d. 20x50. Per attacchi conici aumento del 15%.
Manufactured with indexable micrograin solid carbide knives. On request we can produce for solid wood with suitable cutting angles. Supplied with cylindrical shank d. 20x50. Increase of 15% for tapered shanks.

MEC **HW**

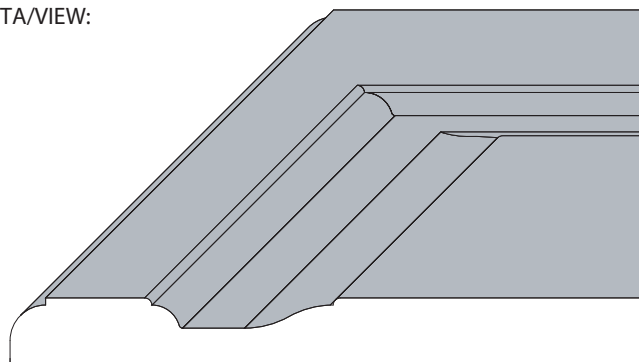
							RICAMBI/Spare Parts		
Codice Code	D D	S S	Z Z	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	Coltello Knife	Vite Screw	Chiave Key
5005.000.001	70	35	2	16.000	E24	A	8170.035.035	8330.035.003	8345.015.000
5005.000.002	60	25	2	18.000	H22	B	8170.030.025	8330.035.003	8345.015.000
5005.000.003	30	25	2	20.000	H21	C	8170.015.025	8330.035.003	8345.015.000
5005.000.004	24	20	2	20.000	F20	D	8170.020.012	8330.035.003	8345.015.000



SEZIONE/SECTION:

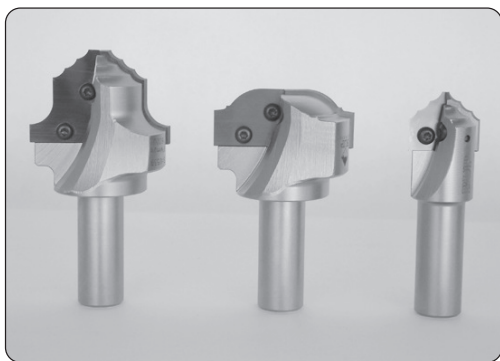


VISTA/VIEW:



5006

FRESE PANTOGRAFO PER ANTINE MDF CNC ROUTER CUTTERS FOR MDF DOORS



APPLICAZIONE/APPLICATION:

Realizzazione di antine per cucina o decorazione di pannelli in MDF.
Production of MDF kitchen doors or decoration of MDF panels.

MACCHINA/MACHINE:

Pantografo CNC/CNC router.

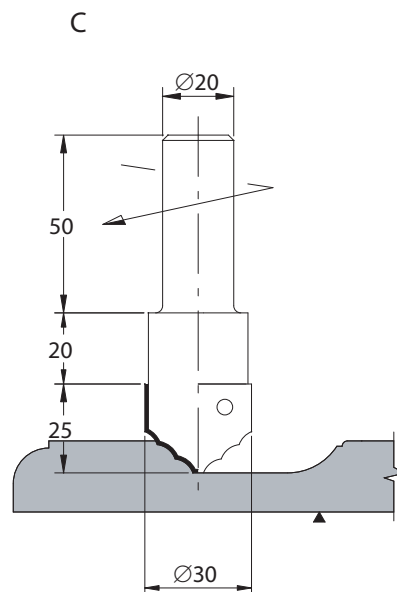
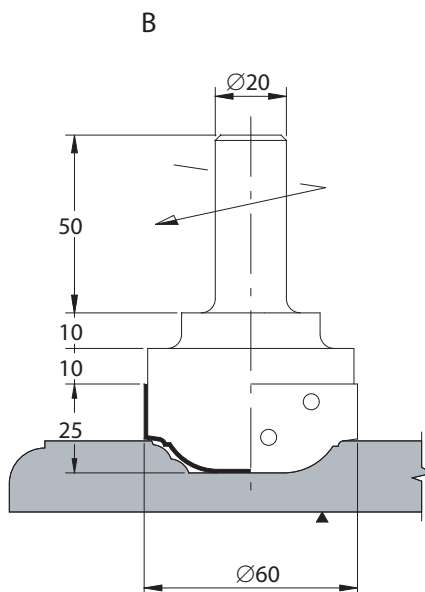
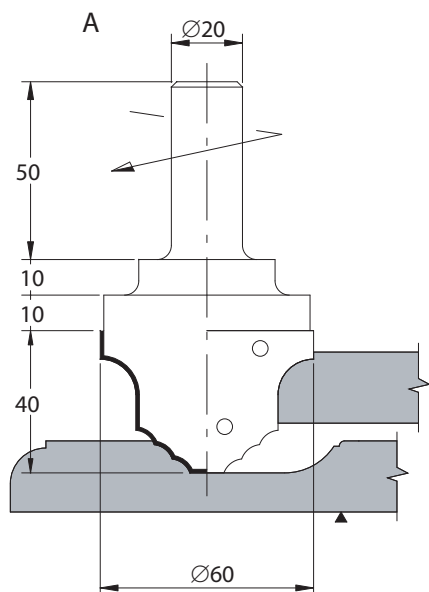
INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con coltelli intercambiabili in HW integrale micrograno. Su richiesta si costruiscono con angoli di taglio idonei alla lavorazione di legni naturali. Vengono fornite con attacco cilindrico d. 20x50. Per attacchi conici aumento del 15%.
Manufactured with indexable micrograin solid carbide knives. On request we can produce for solid wood with suitable cutting angles. Supplied with cylindrical shank d. 20x50. Increase of 15% for tapered shanks.

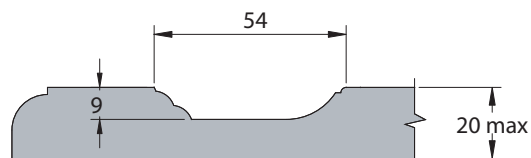
MEC **HW**

RICAMBI/Spare Parts

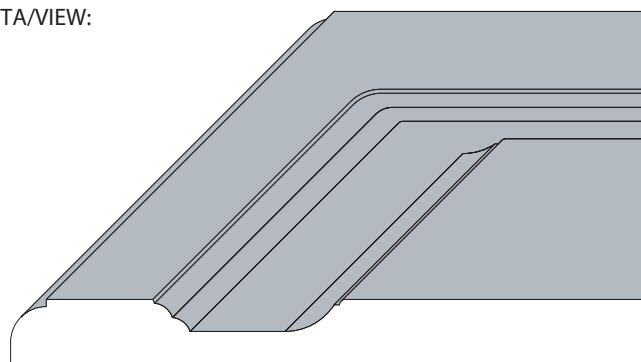
Codice Code	D D	S S	Z Z	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	Coltello Knife	Vite Screw	Chiave Key
5006.000.001	60	40	2	18.000	F23	A	8170.040.040	8330.035.003	8345.015.000
5006.000.002	60	25	2	18.000	H22	B	8170.030.025	8330.035.003	8345.015.000
5006.000.003	30	25	2	20.000	H21	C	8170.015.025	8330.035.003	8345.015.000



SEZIONE/SECTION:



VISTA/VIEW:




MEC **HW**
APPLICAZIONE/APPLICATION:

Realizzazione di porta in legno massiccio completa.
Production of a complete solid wood door.

MACCHINA/MACHINE:

Pantografo CNC/CNC router.

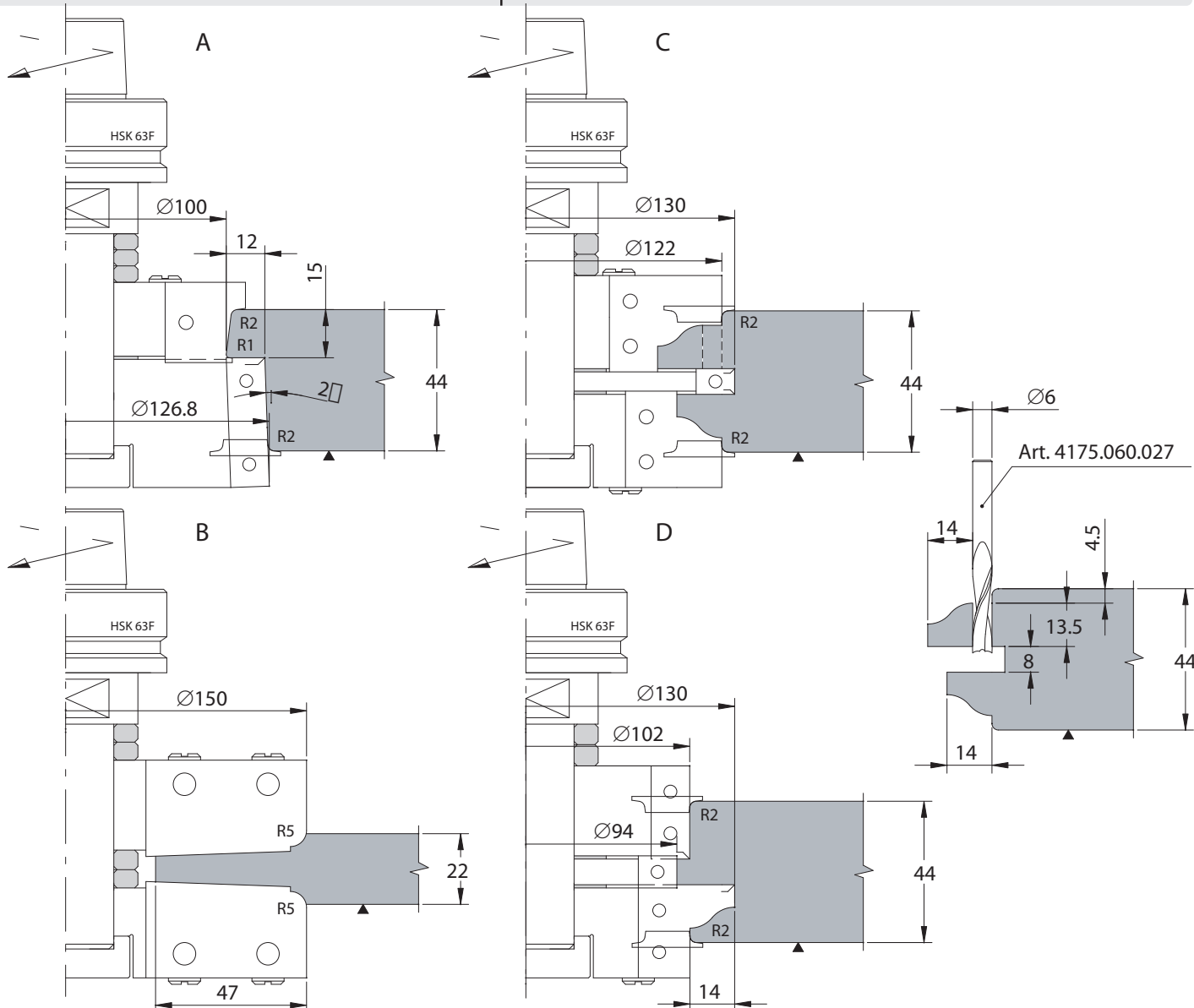
INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

Esecuzione con coltelli intercambiabili in HW integrale micrograno. Profilo porta con recupero del listello. Angoli di taglio idonei alla lavorazione di legni naturali. Corpo fresa in lega leggera "Ergal". Vengono fornite su alberi portafrese D. 30 con attacco specifico per i diversi tipi di elettromandrine (HSK, ISO 30, ISO 40...). Il prezzo dei gruppi non comprende gli alberi portafrese.

Manufactured with indexable micrograin solid carbide knives. Door profile with recovering of glass stop bar. Suitable cutting angles for solid wood. Cutter body made by "Ergal" light alloy. Supplied on cutter spindle D. 30 with specific shank suitable for different types of electrospindles (HSK, ISO 30, ISO 40...). Price of cutterset does not include cutter spindles.

RICAMBI/Spare Parts

Codice Code	D D	Z Z	Profilo Profile	Giri Max Rpm Max	Cod. Prezzo Price Code	Coltello Knife	Coltello Knife	Coltello Knife	Incisore Spur	Raggiatore Knife
5023.000.001	130	2	A	10.000	D32	8170.025.025-A1	8105.400.012-A2		8120.140.002	8130.220.020
5023.000.002	150	3	B	9.000	E34	8170.050.030-B1	8170.050.030-B2			
5023.000.003	130	2	C	10.000	H36	8170.030.035-C1	8170.030.030-C2	8105.076.012-C3	8120.140.002	8130.220.020
5023.000.004	130	2	D	10.000	C35	8170.030.030-D1	8105.300.012-D2	8105.120.012-D3	8120.140.002	8130.220.020



5002

FRESE PANTOGRAFO PER ANTINE MDF CNC ROUTER CUTTERS FOR MDF DOORS



APPLICAZIONE/APPLICATION:

Realizzazione di antine per cucina o decorazione di pannelli in MDF.
Production of MDF kitchen doors or decoration of MDF panels.

MACCHINA/MACHINE:

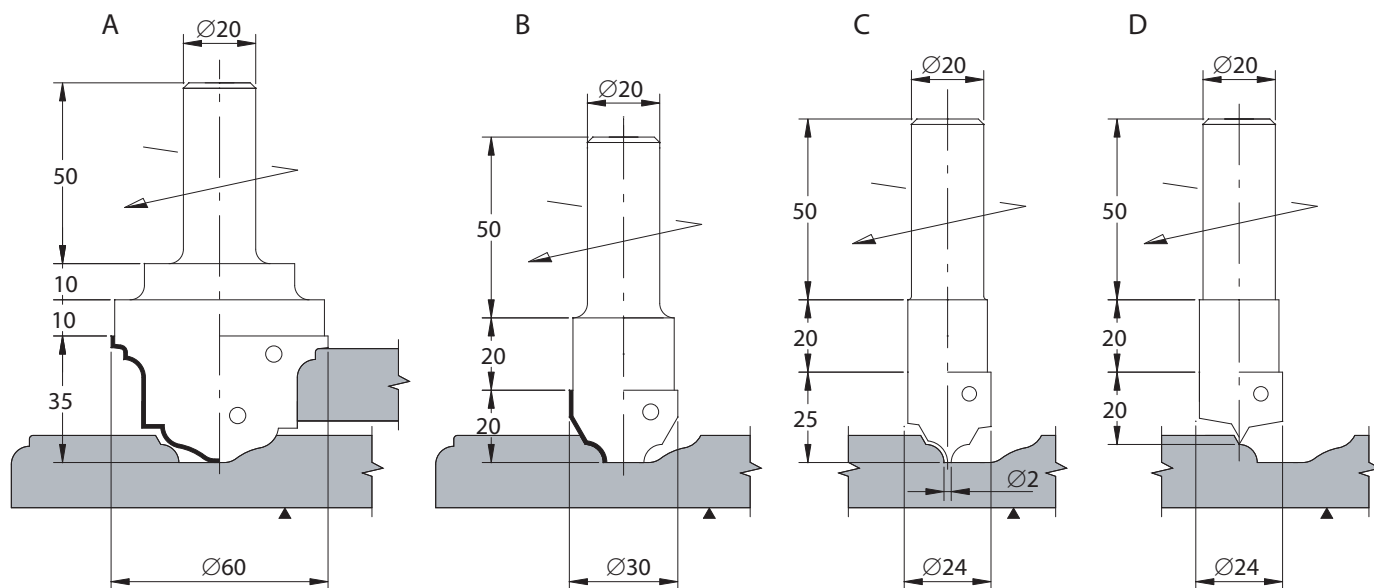
Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

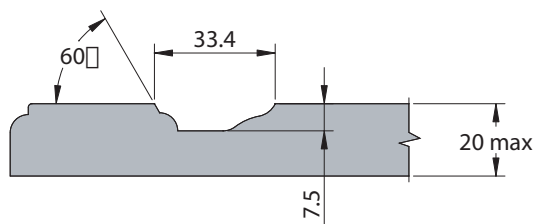
Esecuzione con coltelli intercambiabili in HW integrale micrograno. Su richiesta si costruiscono con angoli di taglio idonei alla lavorazione di legni naturali. Vengono fornite con attacco cilindrico d. 20x50. Per attacchi conici aumento del 15%.
Manufactured with indexable micrograin solid carbide knives. On request we can produce for solid wood with suitable cutting angles. Supplied with cylindrical shank d. 20x50. Increase of 15% for tapered shanks.

MEC **HW**

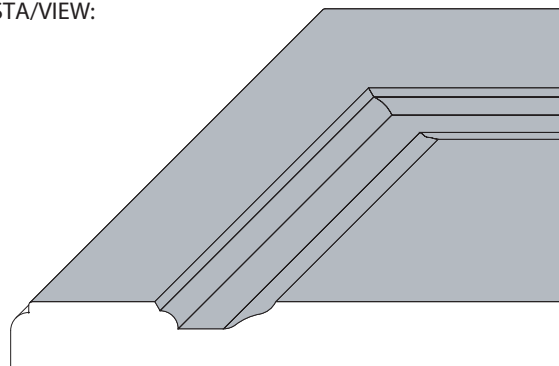
Codice Code	D D	S S	Z Z	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	RICAMBI/Spare Parts		
							Coltello Knife	Vite Screw	Chiave Key
5002.000.001	60	35	2	16.000	B23	A	8170.035.035	8330.035.003	8345.015.000
5002.000.002	30	20	2	20.000	C21	B	8170.015.020	8330.035.003	8345.015.000
5002.000.003	24	25	1	20.000	G19	C	8170.025.012	8330.035.003	8345.015.000
5002.000.004	24	20	1	20.000	F19	D	8170.020.012	8330.035.003	8345.015.000



SEZIONE/SECTION:



VISTA/VIEW:



5007

FRESE PANTOGRAFO PER ANTINE MDF CNC ROUTER CUTTERS FOR MDF DOORS



APPLICAZIONE/APPLICATION:

Realizzazione di antine per cucina o decorazione di pannelli in MDF.
Production of MDF kitchen doors or decoration of MDF panels.

MACCHINA/MACHINE:

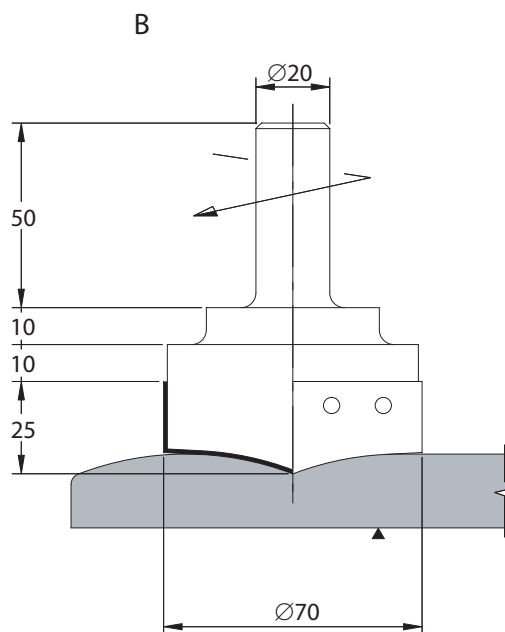
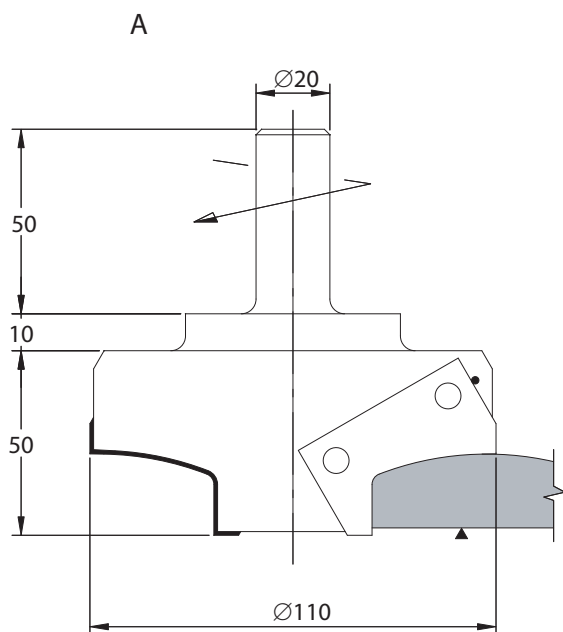
Pantografo CNC/CNC router.

INFORMAZIONI TECNICHE/TECHNICAL INFORMATION:

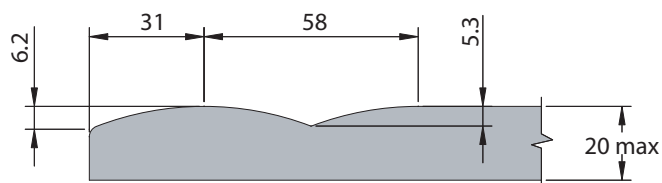
Esecuzione con coltelli intercambiabili in HW integrale micrograno. Su richiesta si costruiscono con angoli di taglio idonei alla lavorazione di legni naturali. Vengono fornite con attacco cilindrico d. 20x50. Per attacchi conici aumento del 15%.
Manufactured with indexable micrograin solid carbide knives. On request we can produce for solid wood with suitable cutting angles. Supplied with cylindrical shank d. 20x50. Increase of 15% for tapered shanks.

MEC **HW**

							RICAMBI/Spare Parts		
Codice Code	D D	S S	Z Z	Giri Max Rpm Max	Cod. Prezzo Price Code	Profilo Profile	Coltello Knife	Vite Screw	Chiave Key
5007.000.001	110	50	2	12.000	D28	A	8170.050.030	8330.060.000	8350.040.000
5007.000.002	70	25	2	18.000	H25	B	8170.035.025	8330.035.003	8345.015.000



SEZIONE/SECTION:



VISTA/VIEW:

