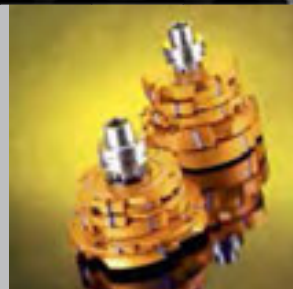


FRESATURA
CUTTING
FRÄSER
FRAISAGE
НАСАДНЫЕ ФРЕЗЫ



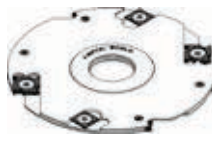
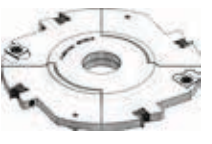
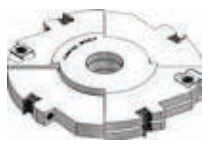
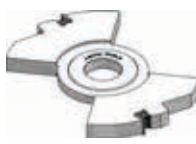
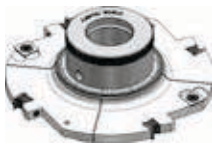
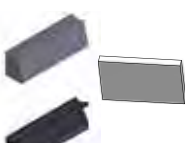
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CUTTING

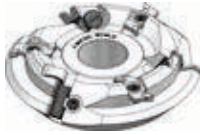
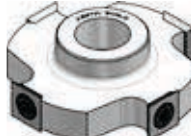
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 FS3 p. 181	 FS3 p. 182	 FS3 p. 183	 F104 p. 184	 F106 p. 185	 F110 p. 186
 F112 p. 187	 F120 p. 188	 F130 p. 189	 F140 p. 190	 F160 p. 191	 F180 p. 192
 F190 p. 193	 F200 p. 194-195	 F210 p. 196	 F218 p. 197	 F220 p. 198	 F230 p. 199
 F240 p. 200	 F250 p. 201	 F260 p. 202	 F265 p. 203	 F290 p. 204-205	 F292 p. 206-207
 F300 p. 208	 F301 p. 209	 F304 p. 210	 F305 p. 211	 F306 p. 212-213	 F307 p. 214
 F310 p. 215	 F330 p. 216	 F340 p. 217	 F350 p. 218	 F370 p. 219	 F372 p. 220
 F374 p. 221	 F375 p. 221	 F378 p. 222	 F382 p. 223	 F400 p. 224	 F410 p. 224

CUTTING

 F420 p. 225	 F435 p. 226	 F480 p. 226	 F495 p. 227	 TS2 p. 229	 TS3 p. 230
 TS4 p. 231	 TS6 p. 232	 T108 p. 233	 T109 p. 234	 M788 p. 234	 T110 p. 235
 T112 p. 236	 T114 p. 237	 T120 p. 238	 T122 p. 239	 T140 p. 240	 T130 p. 241
 T160 p. 242	 T174 p. 243	 T180 p. 244	 T182 p. 245	 T190 p. 246	 T192 p. 247
 T195 p. 248	 T198 p. 249	 T198H p. 250	 T200 p. 251	 T201 p. 252	 T202 p. 253
 T202H p. 254	 T203 p. 255	 T203H p. 256	 T204 p. 257	 T204H p. 258-259	 T204C p. 260
 T207 p. 261	 T207H p. 262-263	 T207W p. 264	 T207C p. 265	 T207R p. 266	 T207RC p. 267
 T210 p. 268	 T216 p. 269	 T216 p. 270	 T216 p. 271	 T218 p. 272	 T219 p. 273



CUTTING

 T206 p. 274	 T206H p. 275	 T206W p. 276	 T208 p. 277	 T208W p. 278	 T209 p. 279
 T220 p. 280	 T265 p. 281	 T300 p. 282	 T310 p. 283	 T330 p. 284	 T382 p. 286
 T384 p. 287	 T386 p. 288	 T400 p. 289-290-291	 T404 p. 292	 T408 p. 293	 T410 p. 294
 T410 p. 295	 T420 p. 296	 T430 p. 297	 T430 p. 298	 T435 p. 299	 T440 p. 300
 T440 p. 301	 T440 p. 302	 T441 p. 303	 T442 p. 304	 T442 p. 305	 T446 p. 306
 T450 p. 307	 T480 p. 308	 T490 p. 309	 T492 p. 310	 T494 p. 311	

FS1

HW Simple profile cutters



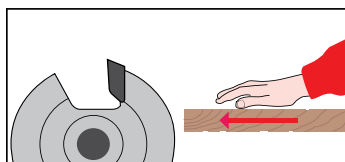
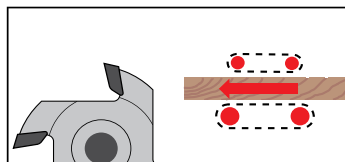
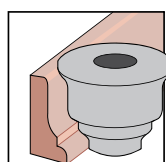
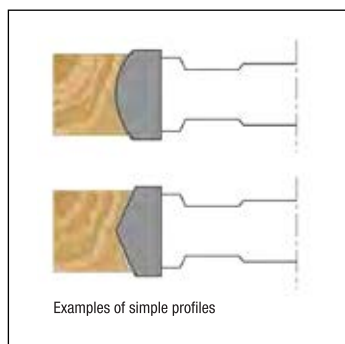
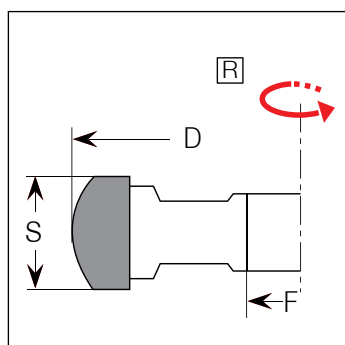
Costruite con corpo in acciaio bonificato • 3 taglienti saldobrasati in HW • Da montare su macchine toupie, scorticatrici, squadratrici, etc. • Su specifica richiesta le frese possono essere fornite anche con placchette in HS

Body in hardened and tempered steel • 3 HW brazed cutting edges • To be mounted on toupie, moulding machines, double end tenoner machines, etc. • On request the cutters can be supplied with HS cutting edges

Z=3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
120	20	30	△ FS13M1200203
120	25	30	△ FS13M1200253
120	30	30	△ FS13M1200303
120	35	30	△ FS13M1200353
120	40	30	△ FS13M1200403
120	50	30	△ FS13M1200503
120	60	30	△ FS13M1200603
120	70	30	△ FS13M1200703
120	80	30	△ FS13M1200803
120	90	30	△ FS13M1200903
120	100	30	△ FS13M1201003
160	20	30	△ FS13M1600203
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160	30	30	△ FS13M1600303
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160	60	30	△ FS13M1600603
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160	90	30	△ FS13M1600903
160	100	30	△ FS13M1601003
200	20	30	△ FS13M2000203
200	25	30	△ FS13M2000253
200	30	30	△ FS13M2000303
200	35	30	△ FS13M2000353
200	40	30	△ FS13M2000403
200	50	30	△ FS13M2000503
200	60	30	△ FS13M2000603
200	70	30	△ FS13M2000703
200	80	30	△ FS13M2000803
200	90	30	△ FS13M2000903
200	100	30	△ FS13M2001003
Spec. HW			FS13M99
Spec. HS			FS13S99



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese sagomate
con profilo semplice



Sonder - Profilfräser
(Einfaches Profil)



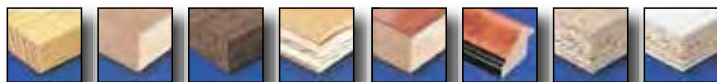
Fraise avec profil sample HW



Профильные фрезы

FS1

HW Simple profile cutters



Costruite con corpo in acciaio bonificato • 4 taglienti saidobrasati in HW • Da montare su macchine toupie, scorniatrici, squadratrici, etc. • Su specifica richiesta le frese possono essere fornite anche con placchette in HS

Body in hardened and temperated steel • 4 HW brazed cutting edges • To be mounted on toupie, moulding machines, double end tenoner machines, etc. • On request the cutters can be supplied with HS cutting edges



Z=4

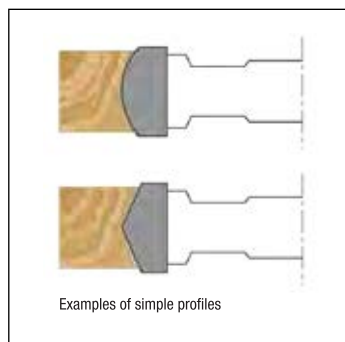
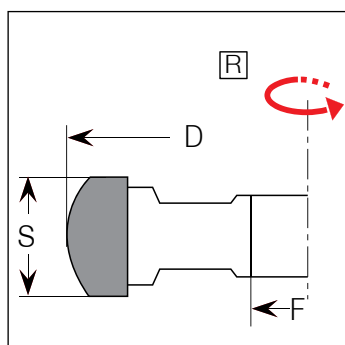
● = Ready in stock ■ = Delivery time 20 working days △ = On request

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120	90	30	△ FS14M1200904
120	100	30	△ FS14M1201004
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200	70	30	△ FS14M2000704
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Spec. HW			FS14M99
Spec. HS			FS14S99

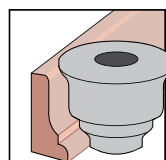
TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

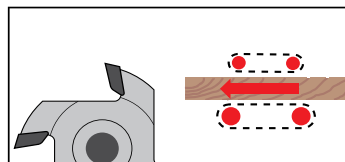
FRESATURA
CUTTING



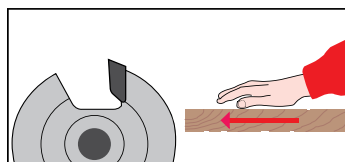
PANTOGRAFATURA
ROUTING



FORATURA
BORING



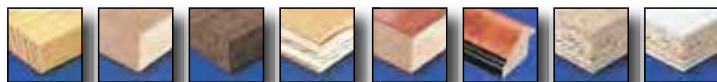
MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM



RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

FS1

HW Simple profile cutters



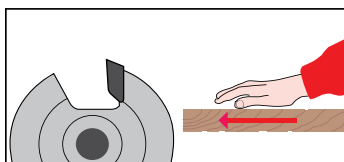
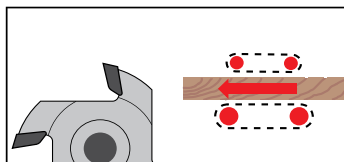
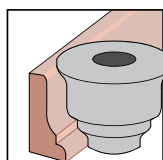
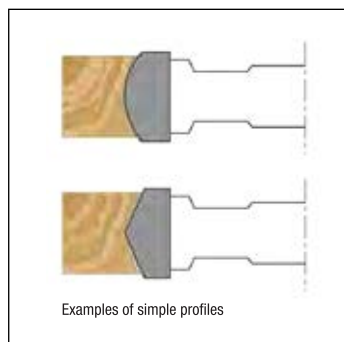
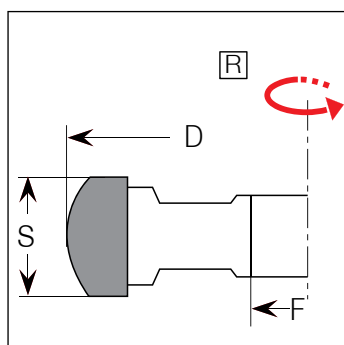
Costruite con corpo in acciaio bonificato • 6 taglienti saidobrasati in HW • Da montare su macchine toouple, scorniciatrici, squadratrici, etc. • Su specifica richiesta le frese possono essere fornite anche con placchette in HS

ody in hardened and tempered steel • 6 HW brazed cutting edges • To be mounted on toupie, moulding machines, double end tenoner machines, etc. • On request the cutters can be supplied with HS cutting edges

Z=6

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
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120	30	30	△ FS16M1200306
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200	50	30	△ FS16M2000506
200	60	30	△ FS16M2000606
200	70	30	△ FS16M2000706
200	80	30	△ FS16M2000806
200	90	30	△ FS16M2000906
200	100	30	△ FS16M2001006
Spec. HW			FS16M99
Spec. HS			FS16S99



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese sagomate
con profilo complesso



Sonder - Profilfräser
(Komplexes Profil)



Fraise avec profil complex HW



Профильные фрезы

FS2

HW Complex profile cutters



Costruite con corpo in acciaio bonificato • 3 taglienti saidobrasati in HW • Da montare su macchine toupie, scoriatrici, squadratori, etc. • Su specifica richiesta le frese possono essere fornite anche con placchette in HS

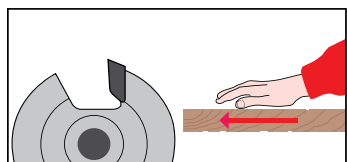
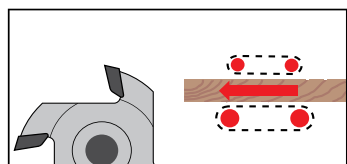
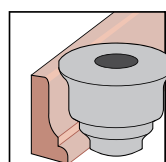
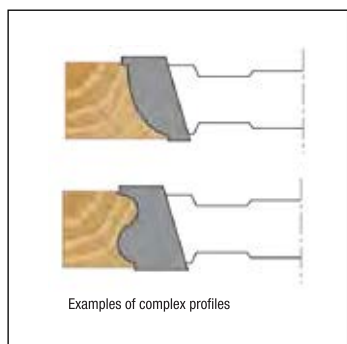
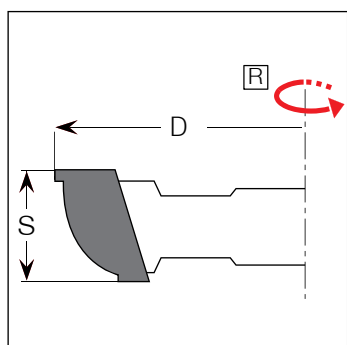
Body in hardened and tempered steel • 3 HW brazed cutting edges • To be mounted on toupie, moulding machines, double end tenoner machines, etc. • On request the cutters can be supplied with HS cutting edges



Z=3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

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120	80	30	△ FS23M1200803	
120	90	30	△ FS23M1200903	
120	100	30	△ FS23M1201003	
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200	90	30	△ FS23M2000903	
200	100	30	△ FS23M2001003	
Spec. HW			FS23M99	
Spec. HS			FS23S99	



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

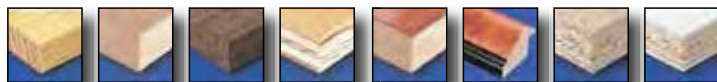
FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

FS2

HW Complex profile cutters



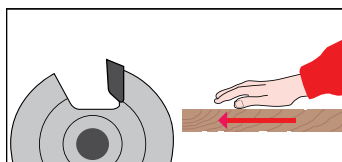
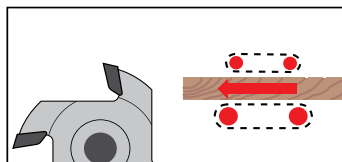
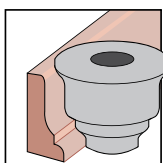
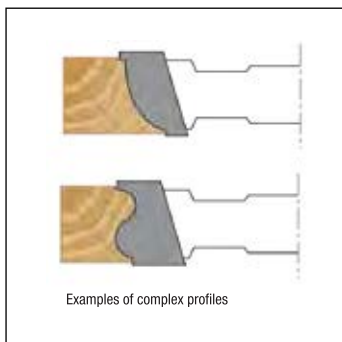
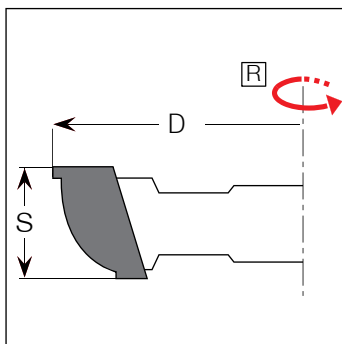
Costruite con corpo in acciaio bonificato • 4 taglienti saidobrasati in HW • Da montare su macchine toupie, scorniciatrici, squadratrici, etc. • Su specifica richiesta le frese possono essere fornite anche con placchette in HS

Body in hardened and temperated steel • 4 HW brazed cutting edges • To be mounted on toupie, moulding machines, double end tenoner machines, etc. • On request the cutters can be supplied with HS cutting edges

Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
120	20	30	△ FS24M1200204
120	25	30	△ FS24M1200254
120	30	30	△ FS24M1200304
120	35	30	△ FS24M1200354
120	40	30	△ FS24M1200404
120	50	30	△ FS24M1200504
120	60	30	△ FS24M1200604
120	70	30	△ FS24M1200704
120	80	30	△ FS24M1200804
120	90	30	△ FS24M1200904
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160	40	30	△ FS24M1600404
160	50	30	△ FS24M1600504
160	60	30	△ FS24M1600604
160	70	30	△ FS24M1600704
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160	90	30	△ FS24M1600904
160	100	30	△ FS24M1601004
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200	80	30	△ FS24M2000804
200	90	30	△ FS24M2000904
200	100	30	△ FS24M2001004
Spec. HW			FS24M99
Spec. HS			FS24S99



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese sagomate
con profilo complesso



Sonder - Profilfräser
(Komplexes Profil)



Fraise avec profil complex HW



Профильные фрезы

FS2

HW Complex profile cutters



Costruite con corpo in acciaio bonificato • 6 taglienti saidobrasati in HW • Da montare su macchine toupie, scorniciatrici, squadratori, etc. • Su specifica richiesta le frese possono essere fornite anche con placchette in HS

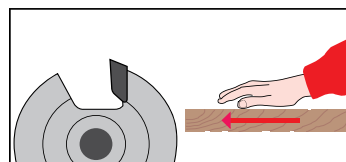
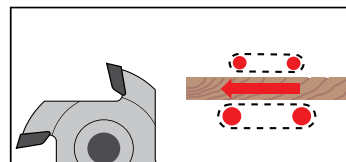
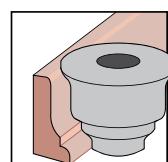
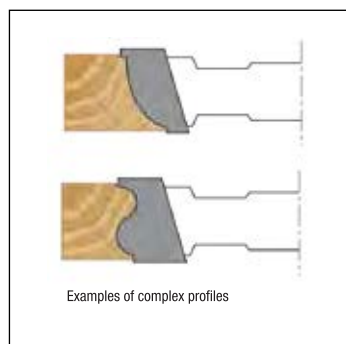
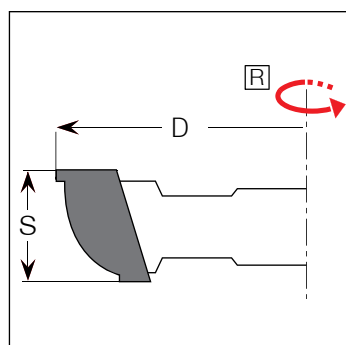
Body in hardened and tempered steel • 6 HW brazed cutting edges • To be mounted on toupie, moulding machines, double end tenoner machines, etc. • On request the cutters can be supplied with HS cutting edges



Z=6

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code	
120	20	30	△ FS26M1200206	
120	25	30	△ FS26M1200256	
120	30	30	△ FS26M1200306	
120	35	30	△ FS26M1200356	
120	40	30	△ FS26M1200406	
120	50	30	△ FS26M1200506	
120	60	30	△ FS26M1200606	
120	70	30	△ FS26M1200706	
120	80	30	△ FS26M1200806	
120	90	30	△ FS26M1200906	
120	100	30	△ FS26M1201006	
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160	25	30	△ FS26M1600256	
160	30	30	△ FS26M1600306	
160	35	30	△ FS26M1600356	
160	40	30	△ FS26M1600406	
160	50	30	△ FS26M1600506	
160	60	30	△ FS26M1600606	
160	70	30	△ FS26M1600706	
160	80	30	△ FS26M1600806	
160	90	30	△ FS26M1600906	
160	100	30	△ FS26M1601006	
200	20	30	△ FS26M2000206	
200	25	30	△ FS26M2000256	
200	30	30	△ FS26M2000306	
200	35	30	△ FS26M2000356	
200	40	30	△ FS26M2000406	
200	50	30	△ FS26M2000506	
200	60	30	△ FS26M2000606	
200	70	30	△ FS26M2000706	
200	80	30	△ FS26M2000806	
200	90	30	△ FS26M2000906	
200	100	30	△ FS26M2001006	
Spec. HW			FS26M99	
Spec. HS			FS26S99	



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

FS3

HW Very complex profile cutters



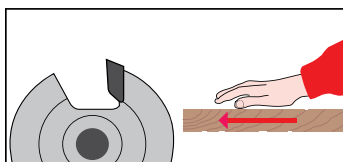
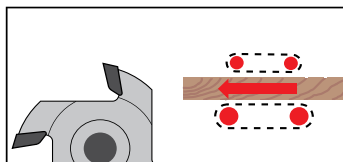
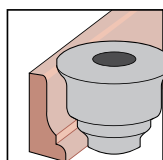
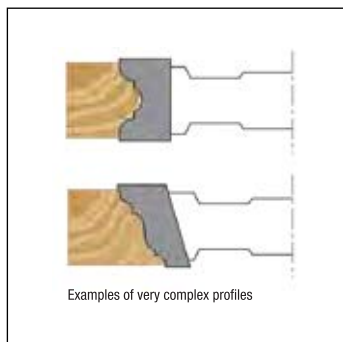
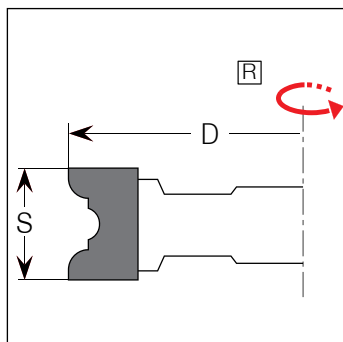
Costruite con corpo in acciaio bonificato • 3 taglienti saidobrasati in HW • Da montare su macchine toupie, scorniatrici, squadratrici, etc. • Su specifica richiesta le frese possono essere fornite anche con placchette in HS

Body in hardened and temperated steel • 3 HW brazed cutting edges • To be mounted on toupie, moulding machines, double end tenoner machines, etc. • On request the cutters can be supplied with HS cutting edges

Z=3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
120	20	30	△ FS33M1200203
120	25	30	△ FS33M1200253
120	30	30	△ FS33M1200303
120	35	30	△ FS33M1200353
120	40	30	△ FS33M1200403
120	50	30	△ FS33M1200503
120	60	30	△ FS33M1200603
120	70	30	△ FS33M1200703
120	80	30	△ FS33M1200803
120	90	30	△ FS33M1200903
120	100	30	△ FS33M1201003
160	20	30	△ FS33M1600203
160	25	30	△ FS33M1600253
160	30	30	△ FS33M1600303
160	35	30	△ FS33M1600353
160	40	30	△ FS33M1600403
160	50	30	△ FS33M1600503
160	60	30	△ FS33M1600603
160	70	30	△ FS33M1600703
160	80	30	△ FS33M1600803
160	90	30	△ FS33M1600903
160	100	30	△ FS33M1601003
200	20	30	△ FS33M2000203
200	25	30	△ FS33M2000253
200	30	30	△ FS33M2000303
200	35	30	△ FS33M2000353
200	40	30	△ FS33M2000403
200	50	30	△ FS33M2000503
200	60	30	△ FS33M2000603
200	70	30	△ FS33M2000703
200	80	30	△ FS33M2000803
200	90	30	△ FS33M2000903
200	100	30	△ FS33M2001003
Spec. HW			FS33M99
Spec. HS			FS33S99





**Frese sagomate
con profilo
molto complesso**

**Sonder - Profilfräser
(Sehr komplexes Profil)**

**Fraise avec profil tres complex
HW**

Профильные фрезы

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

FS3

HW Very complex profile cutters



Costruite con corpo in acciaio bonificato • 4 taglienti saldobrasati in HW • Da montare su macchine tosupie, scorniciatrici, squadratrici, etc. • Su specifica richiesta le frese possono essere fornite anche con placchette in HS

Body in hardened and tempered steel • 4 HW brazed cutting edges • To be mounted on toupie, moulding machines, double end tenoner machines, etc. • On request the cutters can be supplied with HS cutting edges

Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code	
120	20	30	△ FS34M1200204	
120	25	30	△ FS34M1200254	
120	30	30	△ FS34M1200304	
120	35	30	△ FS34M1200354	
120	40	30	△ FS34M1200404	
120	50	30	△ FS34M1200504	
120	60	30	△ FS34M1200604	
120	70	30	△ FS34M1200704	
120	80	30	△ FS34M1200804	
120	90	30	△ FS34M1200904	
120	100	30	△ FS34M1201004	
160	20	30	△ FS34M1600204	
160	25	30	△ FS34M1600254	
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160	80	30	△ FS34M1600804	
160	90	30	△ FS34M1600904	
160	100	30	△ FS34M1601004	
200	20	30	△ FS34M2000204	
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200	30	30	△ FS34M2000304	
200	35	30	△ FS34M2000354	
200	40	30	△ FS34M2000404	
200	50	30	△ FS34M2000504	
200	60	30	△ FS34M2000604	
200	70	30	△ FS34M2000704	
200	80	30	△ FS34M2000804	
200	90	30	△ FS34M2000904	
200	100	30	△ FS34M2001004	
Spec. HW			FS34M99	
Spec. HS			FS34S99	

FS3

HW Very complex profile cutters



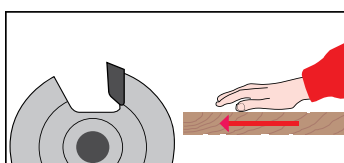
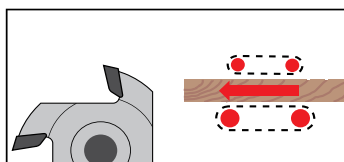
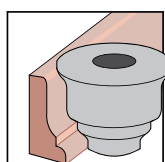
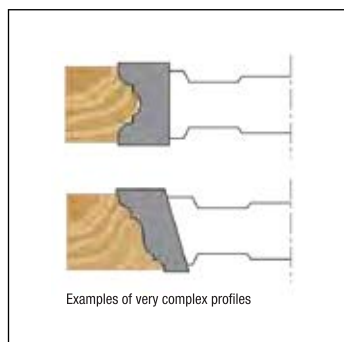
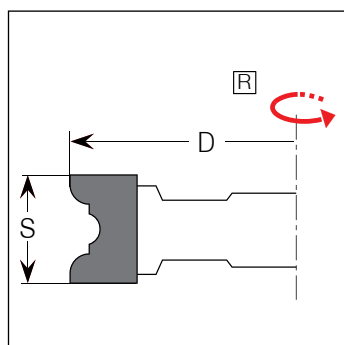
Costruite con corpo in acciaio bonificato • 6 taglienti saldobrasati in HW • Da montare su macchine toupie, scorniciatrici, squadratrici, etc. • Su specifica richiesta le frese possono essere fornite anche con placchette in HS

Body in hardened and tempered steel • 6 HW brazed cutting edges • To be mounted on toupie, moulding machines, double end tenoner machines, etc. • On request the cutters can be supplied with HS cutting edges

Z=6

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
120	20	30	△ FS36M1200206
120	25	30	△ FS36M1200256
120	30	30	△ FS36M1200306
120	35	30	△ FS36M1200356
120	40	30	△ FS36M1200406
120	50	30	△ FS36M1200506
120	60	30	△ FS36M1200606
120	70	30	△ FS36M1200706
120	80	30	△ FS36M1200806
120	90	30	△ FS36M1200906
120	100	30	△ FS36M1201006
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160	25	30	△ FS36M1600256
160	30	30	△ FS36M1600306
160	35	30	△ FS36M1600356
160	40	30	△ FS36M1600406
160	50	30	△ FS36M1600506
160	60	30	△ FS36M1600606
160	70	30	△ FS36M1600706
160	80	30	△ FS36M1600806
160	90	30	△ FS36M1600906
160	100	30	△ FS36M1601006
200	20	30	△ FS36M2000206
200	25	30	△ FS36M2000256
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200	70	30	△ FS36M2000706
200	80	30	△ FS36M2000806
200	90	30	△ FS36M2000906
200	100	30	△ FS36M2001006
Spec. HW			FS36M99
Spec. HS			FS36S99



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
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MANDRINI / ATTACCHI
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RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per incastri
senza rasanti



Nut-Fräskopf
ohne Vorschneider



Fraises a rainier HW



Пазовые фрезы HW

F104

HW Grooving cutters



Costruite con corpo in acciaio bonificato • 4 taglienti saidobrasati in HW • Adatte per l'esecuzione di incastri • Da montare su macchine toupie, sorniciatrici, etc. • Su specifica richiesta le frese possono essere fornite con taglienti HS

Body in hardened and temperated steel • 4 HW brazed cutting edges • Suitable for the execution of joints • Can be used on toupie, moulding machines, etc. • On request the cutters can be supplied with HS cutting edges



Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
120	4	30	■ F104M1200404
120	6	30	■ F104M1200604
120	8	30	■ F104M1200804
120	10	30	■ F104M1201004
120	12	30	■ F104M1201204
120	14	30	■ F104M1201404
140	4	30	■ F104M1400404
140	6	30	■ F104M1400604
140	8	30	■ F104M1400804
140	10	30	■ F104M1401004
140	12	30	■ F104M1401204
140	14	30	■ F104M1401404
160	4	30	■ F104M1600404
160	6	30	■ F104M1600604
160	8	30	■ F104M1600804
160	10	30	■ F104M1601004
160	12	30	■ F104M1601204
160	14	30	■ F104M1601404
Spec. HW			F104M99
Spec. HS			F104S99

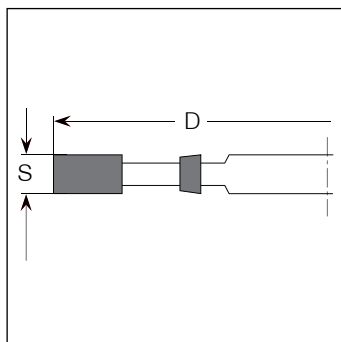
NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

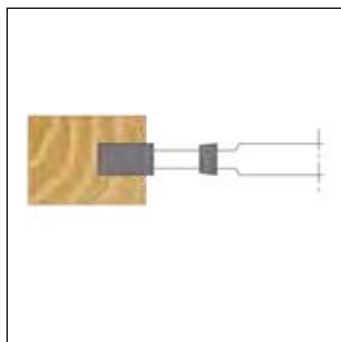
TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

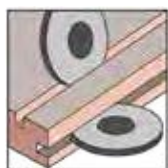
FRESATURA
CUTTING



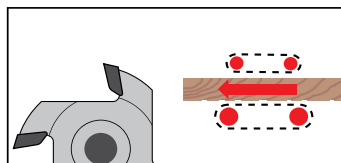
PANTOGRAFATURA
ROUTING



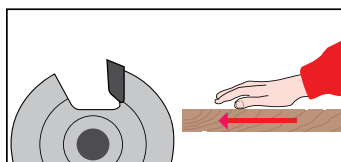
FORATURA
BORING



MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM



RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



F106

HW Grooving cutters



Costruite con corpo in acciaio bonificato • 6 taglienti saidobrasati in HW • Adatte per l'esecuzione di incastri • Da montare su macchine toupie, scorniciatrici, etc. • Su specifica richiesta le frese possono essere fornite con taglienti HS

Body in hardened and tempered steel • 6 HW brazed cutting edges • Suitable for the execution of joints • Can be used on toupie, moulding machines, etc. • On request the cutters can be supplied with HS cutting edges

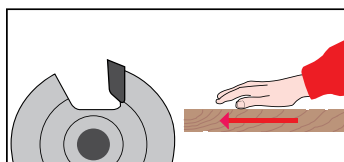
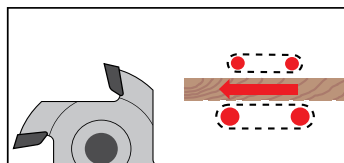
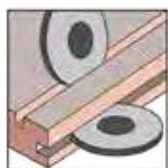
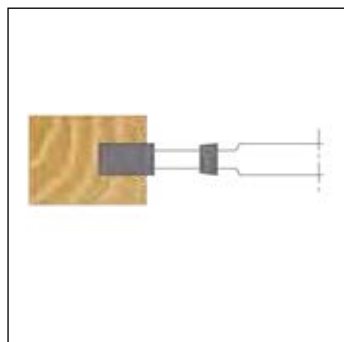
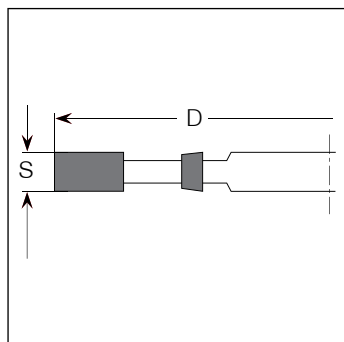
Z=6

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
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120	6	30	■ F106M1200606
120	8	30	■ F106M1200806
120	10	30	■ F106M1201006
120	12	30	■ F106M1201206
120	14	30	■ F106M1201406
140	4	30	■ F106M1400406
140	6	30	■ F106M1400606
140	8	30	■ F106M1400806
140	10	30	■ F106M1401006
140	12	30	■ F106M1401206
140	14	30	■ F106M1401406
160	4	30	■ F106M1600406
160	6	30	■ F106M1600606
160	8	30	■ F106M1600806
160	10	30	■ F106M1601006
160	12	30	■ F106M1601206
160	14	30	■ F106M1601406
Spec. HW			F106M99
Spec. HS			F106S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per incastri
con rasanti



Nutfräser mit Vorschneider



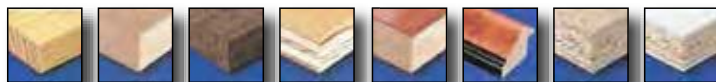
Fraises a rainier
avec araseurs HW



Пазовые фрезы с
подрезными ножами HW

F110

HW Grooving cutters with spurs



Costruite con corpo in acciaio bonificato • 4 taglienti + 4 rasanti saldobrasati in HW • Ottima finitura • Indicate per l'esecuzione di scanalature a spessore fisso • Da montare su macchine touple, scorniatrici, etc. • Su specifica richiesta le frese possono essere fornite anche con taglienti e rasanti saldobrasati HS

Body in hardened and tempered steel • 4 cutting edges + 4 spurs brazed in HW • Excellent finish • Suitable for running grooves fixed thickness • Can be used on toupie, moulding machines, etc. • On request the cutters can be supplied with HS cutting edges

Z=4+4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
120	4	30	■ F110M12004AA
120	5	30	■ F110M12005AA
120	6	30	■ F110M12006AA
120	8	30	■ F110M12008AA
120	10	30	■ F110M12010AA
120	12	30	■ F110M12012AA
120	14	30	■ F110M12014AA
140	4	30	■ F110M14004AA
140	5	30	■ F110M14005AA
140	6	30	■ F110M14006AA
140	8	30	■ F110M14008AA
140	10	30	■ F110M14010AA
140	12	30	■ F110M14012AA
140	14	30	■ F110M14014AA
160	4	30	■ F110M16004AA
160	5	30	■ F110M16005AA
160	6	30	■ F110M16006AA
160	8	30	■ F110M16008AA
160	10	30	■ F110M16010AA
160	12	30	■ F110M16012AA
160	14	30	■ F110M16014AA
200	4	40	■ F110M20004AA
200	5	40	■ F110M20005AA
200	6	40	■ F110M20006AA
200	8	40	■ F110M20008AA
200	10	40	■ F110M20010AA
200	12	40	■ F110M20012AA
200	14	40	■ F110M20014AA
Spec. HW			F110M99
Spec. HS			F110S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

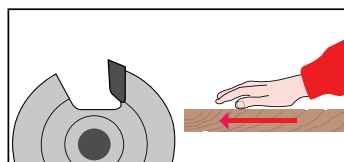
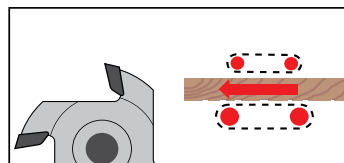
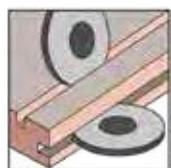
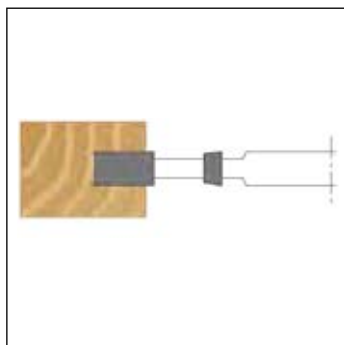
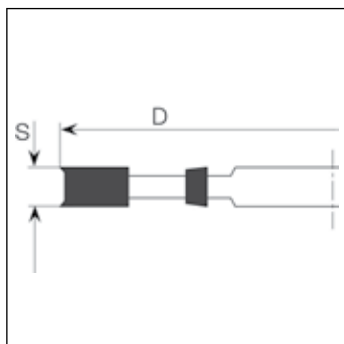
FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING





Frese per incastri
senza rasanti



Nut-Fräskopf
ohne Vorschneider



Fraises a rainner HW



Пазовые фрезы HW



F112

HW Grooving cutters



Costruite con corpo in acciaio bonificato • 12 taglienti saidobrasati in HW • Adatte per l'esecuzione di incastri • Da montare su macchine toupie, scorniciatrici, etc. • Su specifica richiesta le frese possono essere fornite con taglienti HS

Body in hardened and tempered steel • 12 HW brazed cutting edges • Suitable for the execution of joints • Can be used on toupie, moulding machines, etc. • On request the cutters can be supplied with HS cutting edges

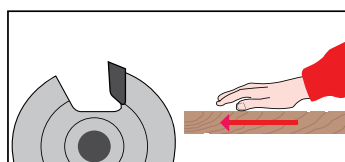
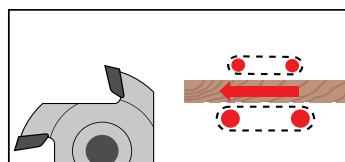
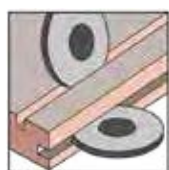
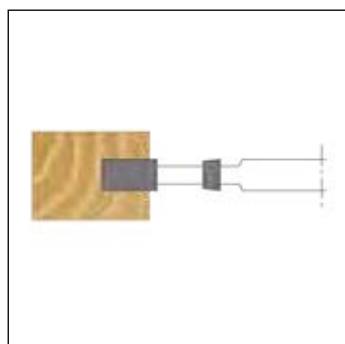
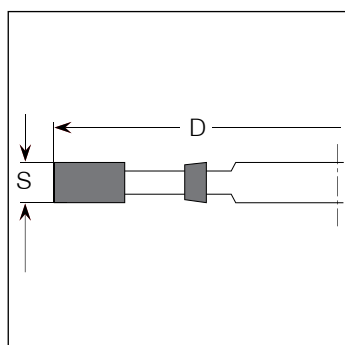
Z=12

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
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140	6	30	■ F112M1400612
140	8	30	■ F112M1400812
140	10	30	■ F112M1401012
140	12	30	■ F112M1401212
140	14	30	■ F112M1401412
160	4	30	■ F112M1600412
160	6	30	■ F112M1600612
160	8	30	■ F112M1600812
160	10	30	■ F112M1601012
160	12	30	■ F112M1601212
160	14	30	■ F112M1601412
200	4	40	■ F112M2000412
200	6	40	■ F112M2000612
200	8	40	■ F112M2000812
200	10	40	■ F112M2001012
200	12	40	■ F112M2001212
200	14	40	■ F112M2001412
Spec. HW			F112M99
Spec. HS			F112S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per incastri
con rasanti regolabili
con anelli



Verstellnutfräser
mit Vorschneider
und Distanzringe



Porte-outils à rainner
extensible avec bagues
de réglage HW



Пазовые фрезы
регулируемые с подрезными
ножами HW

F120

HW Adjustable grooving cutters with spurs



Costruite con corpo in acciaio bonificato • 4 taglienti + 4 rasanti saldobrasati in HW • Ottima finitura • Indicate per l'esecuzione di scanalature di diverso spessore utilizzando anelli distanziali • Da montare su macchine toupie, scorniciatrici, etc. • Su specifica richiesta le frese possono essere fornite anche con taglienti e rasanti HS

Body in hardened and temperated steel • 4 cutting edges + 4 spurs brazed in HW • Excellent finish • Suitable for running grooves of different thickness using spacers • Can be used on toupie, moulding machines, etc. • On request the cutters can be supplied with HS cutting edges

Z=4 V=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
150	4÷7,5	30	■ F120M15004AA
150	7,5÷14,5	30	■ F120M15007AA
150	10÷19	30	■ F120M15010AA
Spec. HW			F120M99
Spec. HS			F120S99

SPACING COLLARS SET

S	Code
4÷7,5	△ KAF120M0407A
7,5÷14,5	△ KAF120M0714A
10÷19	△ KAF120M1019A

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

Il prezzo include anelli di regolazione.
The price included spacing collars.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

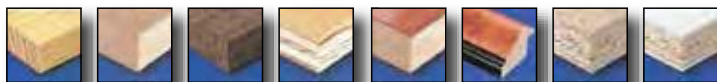
FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F130

HW Adjustable grooving cutters with spurs



Costruite con corpo in acciaio bonificato • 4 taglienti + 4 rasanti saldobrasati in HW • Ottima finitura • Indicate per l'esecuzione di scanalature di diverso spessore • La regolazione avviene mediante ghiera • Da montare su macchine toupie, scorriciatrici, etc. • Su specifica richiesta le frese possono essere fornite anche con taglienti e rasanti saldobrasati HS

Body in hardened and tempered steel • 4 cutting edges + 4 spurs brazed in HW • Excellent finish • Suitable for running grooves of different thickness using ring nut • Can be used on toupie, moulding machines, etc. • On request the cutters can be supplied with HS cutting edges

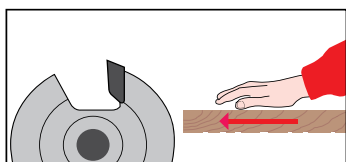
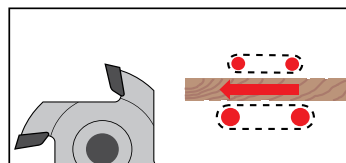
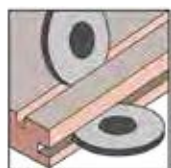
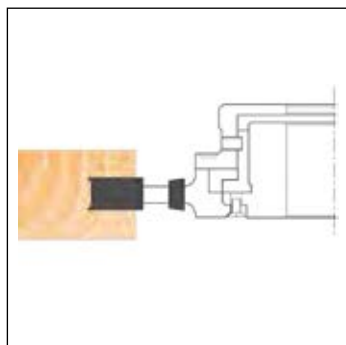
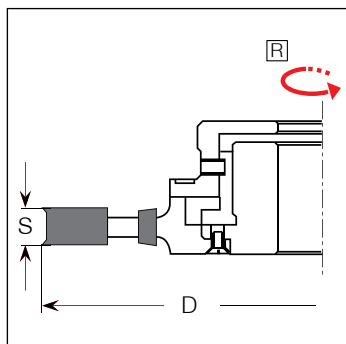
Z=4 V=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
150	4÷7,5	30	■ F130M15004AR
150	7,5÷14,5	30	■ F130M15007AR
150	10÷19	30	■ F130M15010AR
Spec. HW			F130M99
Spec. HS			F130S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.



TAGLIO / SEZIONATURA
SAWING

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BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per incastri
con rasanti regolabili
con anelli



Verstellnutfräser
mit Vorschneider
mit Distanzringe



Fraises à rainner extensible
avec bagues de réglage
avec araseurs



Пазовые фрезы
регулируемые с подрезными
ножами

F140

HW Adjustable grooving cutters with spurs



Costruite con corpo in acciaio bonificato • 4+4 taglienti + 4 rasanti saldobrasati in HW • Ottima finitura • Indicate per l'esecuzione di scanalature di diverso spessore utilizzando anelli distanziali • Da montare su macchine toupie, scorticatrici, squadratrici, etc. • Su specifica richiesta le frese possono essere fornite anche con taglienti e rasanti saldobrasati HS

Body in hardened and tempered steel • 4+4 cutting edges + 4 spurs brazed in HW • Excellent finish • Suitable for running grooves of different thickness using spacers • Can be used on toupie, moulding machines, double end tenoner, etc. • On request the cutters can be supplied with HS cutting edges

Z=4+4 V=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
150	7,5÷28	30	■ F140M15007AA
Spec. HW			F140M99
Spec. HS			F140S99

SPACING COLLARS SET

S	Code
15÷28	△ KAF140M1528A

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

Il prezzo include anelli di regolazione.
The price included spacing collars.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

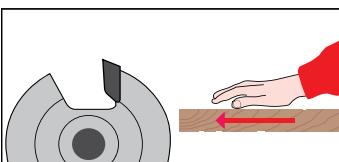
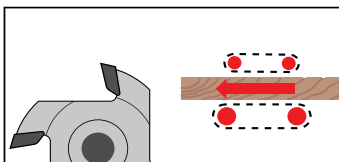
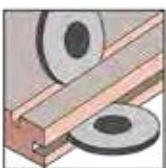
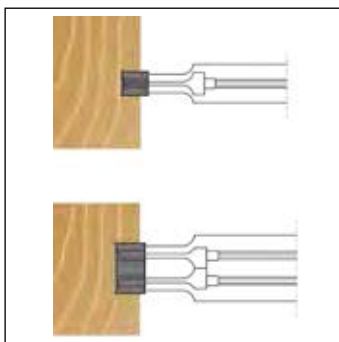
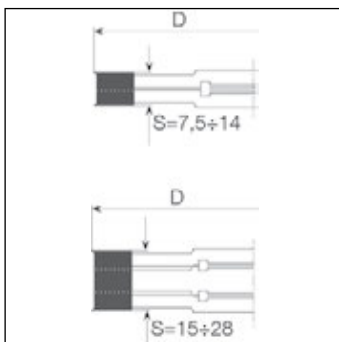
FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



F160

HW Joint cutters



Costruite con corpo in acciaio bonificato • 4 taglienti saidobrasati in HW • Eseguite in tre modelli: senza assiale, con assiale negativo o con assiale positivo • Da montare su macchine toupie, scorniatrici, etc. • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and tempered steel • 4 HW brazed cutting edges • Perform in three models: without , with negative or positive axial • Can be used on toupie, moulding machines, etc. • On request the cutters can be supplied with HS cutting edges

Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

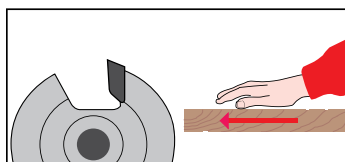
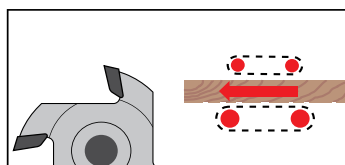
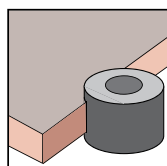
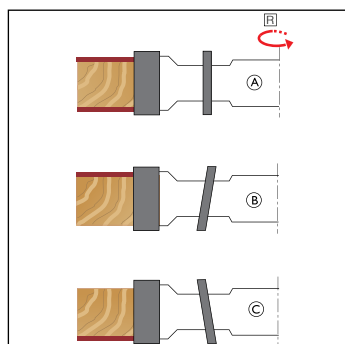
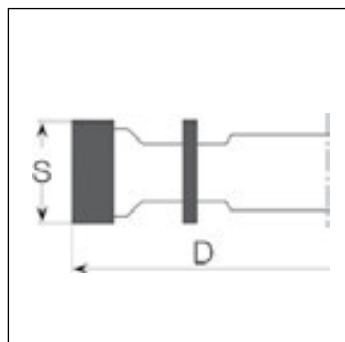
D	S	F	Code
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120	40	30	■ F160M12040AA
120	50	30	■ F160M12050AA
120	60	30	■ F160M12060AA
120	70	30	■ F160M12070AA
120	80	30	■ F160M12080AA
160	20	30	■ F160M16020AA
160	25	30	■ F160M16025AA
160	30	30	■ F160M16030AA
160	35	30	■ F160M16035AA
160	40	30	■ F160M16040AA
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160	80	30	■ F160M16080AA
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200	50	40	■ F160M20050AA
200	60	40	■ F160M20060AA
200	70	40	■ F160M20070AA
200	80	40	■ F160M20080AA
Spec. HW			F160M99
Spec. HS			F160S99

* In fase di ordine indicare il tipo di esecuzione Mod. A/B/C e il materiale da lavorare

* At the order specify the Mod. A/B/C and the material to workout

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimun order quantity: **1 piece**.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
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FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per battute
con rasanti su un solo lato



Falzfräser
mit Vorschneider
einseitig



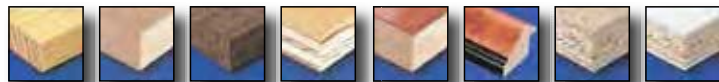
Fraises à feuillurer simple
verso



Фрезы для четверти

F180

HW Rebating cutters with spurs



Costruite con corpo in acciaio bonificato • 3 taglienti + 3 rasanti saldobrasati in HW • Buona finitura • Indicate per l'esecuzione di battute di diverso spessore • Adatte per lavorare legni massicci • Da montare su macchine toupie, scormiatrici, etc. • In fase di ordine indicare il tipo di esecuzione A/B ed il materiale da lavorare • Su specifica richiesta le frese possono essere fornite anche con taglienti e rasanti saldobrasati HS

Body in hardened and tempered steel • 3 cutting edges + 3 spurs brazed in HW • Good finish • Indicated for running rebating different thickness • Suitable for working solid wood • Can be used on toupie, moulding machines, etc. • At the order specify the model A/B and the material to workout • On request the cutters can be supplied with HS cutting edges and spurs

Z=3 V=3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
120	15	30	■ F180M12015AA
120	20	30	■ F180M12020AA
120	25	30	■ F180M12025AA
120	30	30	■ F180M12030AA
120	35	30	■ F180M12035AA
120	40	30	■ F180M12040AA
120	50	30	■ F180M12050AA
120	60	30	■ F180M12060AA
120	70	30	■ F180M12070AA
120	80	30	■ F180M12080AA
160	15	30	■ F180M16015AA
160	20	30	■ F180M16020AA
160	25	30	■ F180M16025AA
160	30	30	■ F180M16030AA
160	35	30	■ F180M16035AA
160	40	30	■ F180M16040AA
160	50	30	■ F180M16050AA
160	60	30	■ F180M16060AA
160	70	30	■ F180M16070AA
160	80	30	■ F180M16080AA
200	15	40	■ F180M20015AA
200	20	40	■ F180M20020AA
200	25	40	■ F180M20025AA
200	30	40	■ F180M20030AA
200	35	40	■ F180M20035AA
200	40	40	■ F180M20040AA
200	50	40	■ F180M20050AA
200	60	40	■ F180M20060AA
200	70	40	■ F180M20070AA
200	80	40	■ F180M20080AA
Spec. HW			F180M99
Spec. HS			F180S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo.**
Tools not ready in stock minimum order quantity: **1 piece.**

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

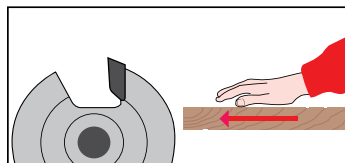
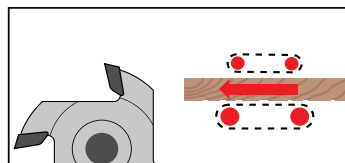
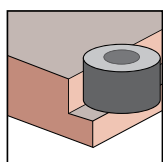
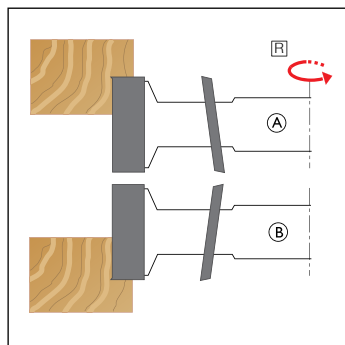
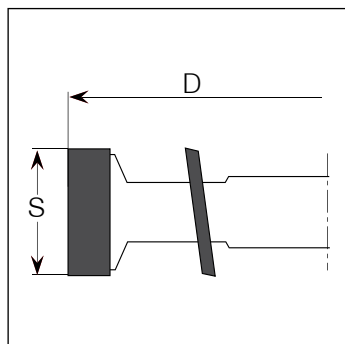
FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



F190

HW Rebating cutters with spurs



Costruite con corpo in acciaio bonificato • 4 taglienti + 4 rasanti saldobrasati in HW • Buona finitura grazie ai rasanti e denti assiali alternati • Indicate per l'esecuzione di battute superiori o inferiori di pannelli • Adatte per lavorare legni massicci • Da montare su macchine toupie, scorniciatrici, etc. • Su specifica richiesta le frese possono essere fornite anche con taglienti e rasanti saldobrasati HS

Body in hardened and tempered steel • 4 cutting edges + 4 spurs brazed in HW • Good finish thanks to spurs and alternated axial cutting edges • Indicated for running rebating top and bottom of panels • Suitable for working solid wood • Can be used on toupie, moulding machines, etc. • At the order specify the model A/B and the material to workout • On request the cutters can be supplied with HS cutting edges and spurs

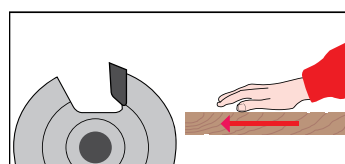
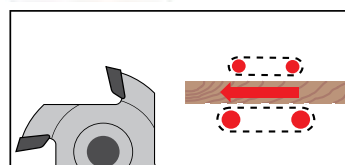
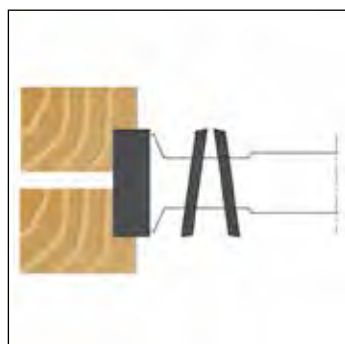
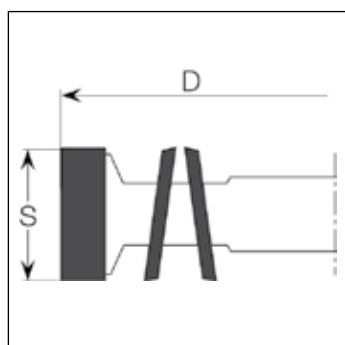
Z=4 V=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
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120	30	30	■ F190M12030AA
120	35	30	■ F190M12035AA
120	40	30	■ F190M12040AA
120	50	30	■ F190M12050AA
120	60	30	■ F190M12060AA
120	70	30	■ F190M12070AA
120	80	30	■ F190M12080AA
160	20	30	■ F190M16020AA
160	25	30	■ F190M16025AA
160	30	30	■ F190M16030AA
160	35	30	■ F190M16035AA
160	40	30	■ F190M16040AA
160	50	30	■ F190M16050AA
160	60	30	■ F190M16060AA
160	70	30	■ F190M16070AA
160	80	30	■ F190M16080AA
200	20	40	■ F190M20020AA
200	25	40	■ F190M20025AA
200	30	40	■ F190M20030AA
200	35	40	■ F190M20035AA
200	40	40	■ F190M20040AA
200	50	40	■ F190M20050AA
200	60	40	■ F190M20060AA
200	70	40	■ F190M20070AA
200	80	40	■ F190M20080AA
Spec. HW			F190M99
Spec. HS			F190S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

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CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese multitaglienti



Mehrschneidiger-Fräskopf

Fraises à calibrer coupe
hélicoïdal HW

Фуговальные фрезы

F200**HW Multiteeth jointing cutters**

Costruite con corpo in acciaio bonificato • Taglienti saldobrasati in HW • Ideali per la lavorazione di contornatura di elementi curvati dove è richiesta una grossa asportazione di materiale • La forma elicoidale e gli ampi scarichi diminuiscono l'assorbimento di potenza e la rumorosità ed aumentano la durata degli utensili • Indicate per la lavorazione di legni massicci, ma anche di altri materiali • Impiegabili su macchine scorticatrici e toupie

Body in hardened and tempered steel • HW brazed cutting edges • Suitable for trimming curved elements and for high material removal • The large spiral execution reduces the electrical input and the noise and increases the tool life • Suitable for working solid wood and other materials • Can be used on toupie, moulding machines, etc.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	Div.	F	Code
120	60	10	40	■ F200M1200610
120	80	10	40	■ F200M1200810
120	100	10	40	■ F200M1201010
120	120	10	40	■ F200M1201210
120	140	10	40	■ F200M1201410
120	160	10	40	■ F200M1201610
120	180	10	40	■ F200M1201810
140	60	10	40	■ F200M1400610
140	80	10	40	■ F200M1400810
140	100	10	40	■ F200M1401010
140	120	10	40	■ F200M1401210
140	140	10	40	■ F200M1401410
140	160	10	40	■ F200M1401610
140	180	10	40	■ F200M1401810
120	60	12	40	■ F200M1200612
120	80	12	40	■ F200M1200812
120	100	12	40	● F200M1201012
120	120	12	40	■ F200M1201212
120	140	12	40	■ F200M1201412
120	160	12	40	■ F200M1201612
120	180	12	40	■ F200M1201812
120	230	12	40	■ F200M1202312
125	60	12	40	■ F200M1250612
125	80	12	40	■ F200M1250812
125	100	12	40	■ F200M1251012
125	120	12	40	■ F200M1251212
125	140	12	40	■ F200M1251412
125	160	12	40	■ F200M1251612
125	180	12	40	■ F200M1251812
125	200	12	40	■ F200M1252012
125	230	12	40	■ F200M1252312
125	240	12	40	■ F200M1252412

Spec. HW

F200M99

Spec. HS

F200S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F200

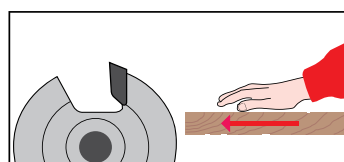
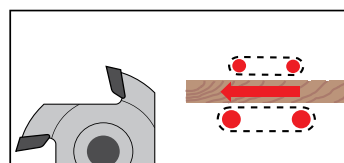
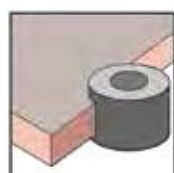
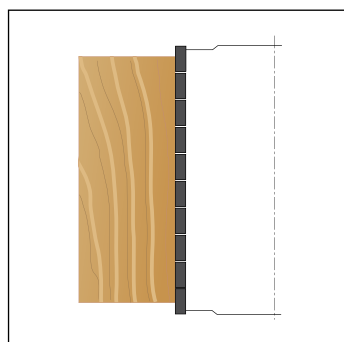
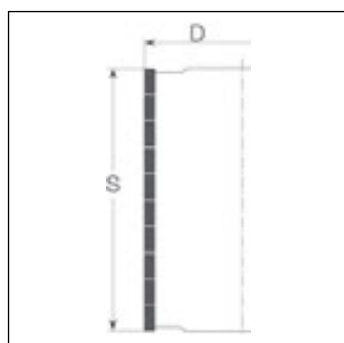
HW Multiteeth jointing cutters



Costruite con corpo in acciaio bonificato • Taglienti saldobrasati in HW • Ideali per la lavorazione di contornatura di elementi curvati dove è richiesta una grossa asportazione di materiale • La forma elicoidale e gli ampi scarichi diminuiscono l'assorbimento di potenza e la rumorosità ed aumentano la durata degli utensili • Indicate per la lavorazione di legni massicci, ma anche di altri materiali • Impiegabili su macchine scorniatrici e toupie

Body in hardened and tempered steel • HW brazed cutting edges • Suitable for trimming curved elements and for high material removal • The large spiral execution reduces the electrical input and the noise and increases the tool life • Suitable for working solid wood and other materials • Can be used on toupie, moulding machines, etc.

● = Ready in stock ■ = Delivery time 20 working days △ = On request



D	S	Div.	F	Code
140	60	12	40	■ F200M1400612
140	80	12	40	■ F200M1400812
140	100	12	40	■ F200M1401012
140	120	12	40	■ F200M1401212
140	140	12	40	■ F200M1401412
140	160	12	40	■ F200M1401612
140	180	12	40	■ F200M1401812
140	200	12	40	■ F200M1402012
140	230	12	40	■ F200M1402312
140	240	12	40	■ F200M1402412
120	60	16*	40	■ F200M1200616
120	80	16*	40	■ F200M1200816
120	100	16*	40	■ F200M1201016
120	120	16*	40	■ F200M1201216
120	140	16*	40	■ F200M1201416
120	160	16*	40	■ F200M1201616
120	180	16*	40	■ F200M1201816
120	230	16*	40	■ F200M1202316
125	60	16*	40	■ F200M1250616
125	80	16*	40	● F200M1250816
125	100	16*	40	■ F200M1251016
125	120	16*	40	● F200M1251216
125	140	16*	40	■ F200M1251416
125	160	16*	40	■ F200M1251616
125	180	16*	40	■ F200M1251816
125	200	16*	40	■ F200M1252016
125	230	16*	40	● F200M1252316
140	60	16*	40	■ F200M1400616
140	80	16*	40	■ F200M1400816
140	100	16*	40	■ F200M1401016
140	120	16*	40	■ F200M1401216
140	140	16*	40	■ F200M1401416
140	160	16*	40	■ F200M1401616
140	180	16*	40	■ F200M1401816
140	230	16*	40	■ F200M1402316
Spec. HW F200M99				
Spec. HS F200S99				

* Su richiesta esecuzione Z 1 principi di taglio e con rompitrucciolo

* On request execution Z 1 and chipbreaker

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per smussi

Fasefräser

Fraises à chanfreiner

Фрезы для фасок

F210**HW Bevel-chamfer cutters**

Costruite con corpo in acciaio bonificato • 4 taglienti saldobrasati in HW • Indicate per la lavorazione di smussi ad angolazione fissa (1°–45°) • Buona finitura su diverse essenze • Da montare su macchine toouple, scorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and tempered steel • 4 HW brazed cutting edges • Indicated for making bevel with fix angle (1°–45°) • Good finish on different kind of wood • Can be used on toupie, moulding machines, etc. • On request the cutters can be supplied with HS cutting edges

Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	β max	F	Code Mod. A	Cod. Mod. B	
120	20	45°	30	■ F210M12020AX	■ F210M12020BX	
120	25	38°	30	■ F210M12025AX	■ F210M12025BX	
120	30	33°	30	■ F210M12030AX	■ F210M12030BX	
120	35	29°	30	■ F210M12035AX	■ F210M12035BX	
120	40	26°	30	■ F210M12040AX	■ F210M12040BX	
120	50	21°	30	■ F210M12050AX	■ F210M12050BX	
160	20	45°	30	■ F210M16020AX	■ F210M16020BX	
160	25	45°	30	■ F210M16025AX	■ F210M16025BX	
160	30	45°	30	■ F210M16030AX	■ F210M16030BX	
160	35	45°	30	■ F210M16035AX	■ F210M16035BX	
160	40	41°	30	■ F210M16040AX	■ F210M16040BX	
160	50	35°	30	■ F210M16050AX	■ F210M16050BX	
160	60	30°	30	■ F210M16060AX	■ F210M16060BX	
160	70	26°	30	■ F210M16070AX	■ F210M16070BX	
200	20	45°	40	■ F210M20020AX	■ F210M20020BX	
200	25	45°	40	■ F210M20025AX	■ F210M20025BX	
200	30	45°	40	■ F210M20030AX	■ F210M20030BX	
200	35	45°	40	■ F210M20035AX	■ F210M20035BX	
200	40	45°	40	■ F210M20040AX	■ F210M20040BX	
200	50	45°	40	■ F210M20050AX	■ F210M20050BX	
200	60	39°	40	■ F210M20060AX	■ F210M20060BX	
200	70	35°	40	■ F210M20070AX	■ F210M20070BX	
200	80	32°	40	■ F210M20080AX	■ F210M20080BX	
Spec. HW				F210M99		
Spec. HS				F210S99		

* In fase di ordine indicare il tipo di materiale da lavorare

* At the order specify the material to workout

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo.**
Tools not ready in stock minimum order quantity: **1 piece.**

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F218**HW Set of cutters for kitchen cabinet**

Costruiti con corpo in acciaio bonificato • Taglienti saldobrasati in HW • Indicati per l'esecuzione di profili, controprofili e specchietti per antine • Adatti per realizzare profili standard su antine di spessore 20 mm • Da montare su macchine toupie

Body in hardened and tempered steel • HW brazed cutting edges • Indicated for the execution of profiles, counter profiles and central panels for cabinet • Suitable for creating standard profiles on central panels for cabinet with thickness of 20 mm • Can be used on toupie machines

Z=2+2+2+2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	F	Code
180	40	■ F218M18050AA
Spec. HW		F218M99
Spec. HS		F218S99

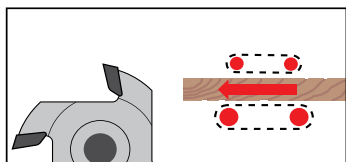
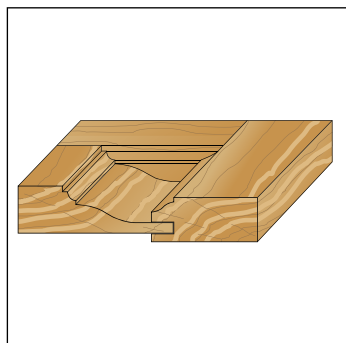
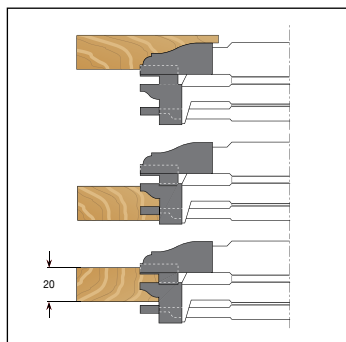
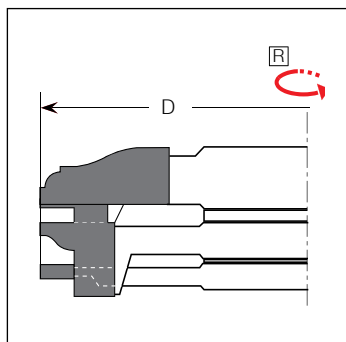
SPARE PARTS

Type	Dimensions	Code
Top cutter	180X26	■ F218M18026A1
Middle cutter	180X25	■ F218M18025A2
Bottom cutter	180X5	■ F218M18005A3

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo.**
Tools not ready in stock minimum order quantity: **1 piece.**

Il prezzo include anelli di regolazione.
The price included spacing collars.

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per piattabande

Abplattfräser

Fraises plate-bande

Фрезы для обработки
дверных филёнок

F220

HW Panel-raising cutters



Costruite con corpo in acciaio bonificato • Taglienti saldobrasati in HW • Adatte per l'esecuzione di specchietti e per pannelli in generale • Da montare su macchine toupie, scorniciatrici, squadratrici, etc.

Body in hardened and tempered steel • HW brazed cutting edges • Indicated for the execution of central panels for cabinet, door panels, etc. • Can be used on toupie, moulder machines and double end tenoner machines, etc.

● = Ready in stock ■ = Delivery time 20 working days △ = On request

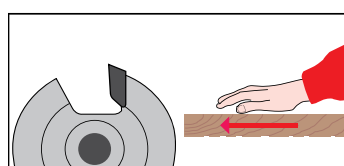
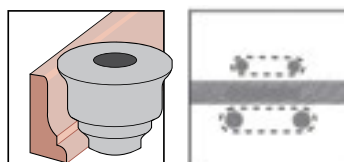
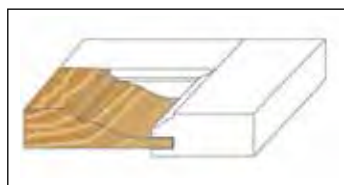
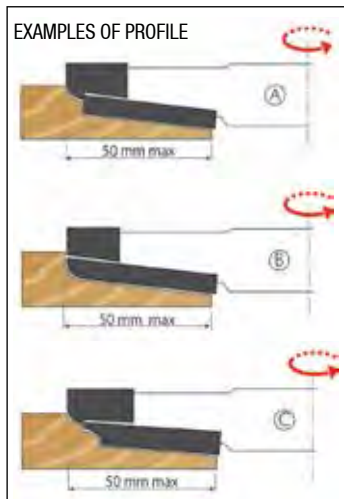
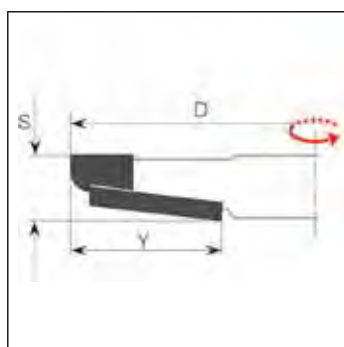
D	S	F	Z	Code Mod. A	Code Mod. B	Code Mod. C
200	20	40	3	■ F220M20003AA	■ F220M20003BA	■ F220M20003CA
200	20	40	4	■ F220M20004AA	■ F220M20004BA	■ F220M20004CA
200	20	40	6	■ F220M20006AA	■ F220M20006BA	■ F220M20006CA
200	20	40	3+3	■ F220M20033AA	■ F220M20033BA	■ F220M20033CA
200	20	40	4+4	■ F220M20044AA	■ F220M20044BA	■ F220M20044CA

Spec.

F220M99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

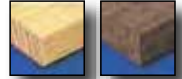
FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F230

HW Quarter-round cutters



Costruite con corpo in acciaio bonificato • 4 taglienti saldobrasati in HW • Indicate per eseguire raggiature di bordi • Da montare su macchine toupie, scorniciatrici, etc. • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati in HS

Body in hardened and tempered steel • 4 HW brazed cutting edges • Indicated for the execution of radius profiles on edges • Can be used on toupie, moulder machines and double end tenoner machines, etc. • On request the cutters can be supplied with HS cutting edges

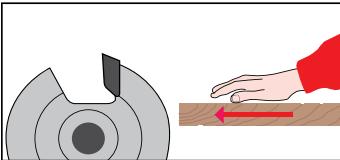
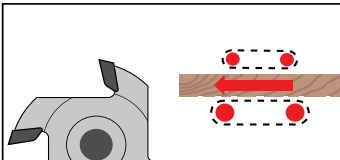
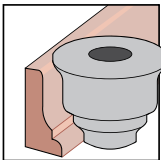
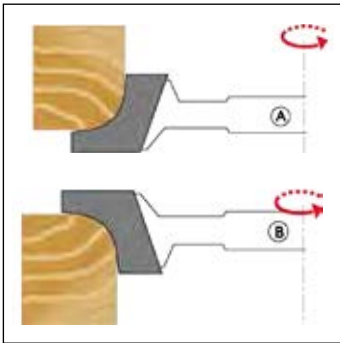
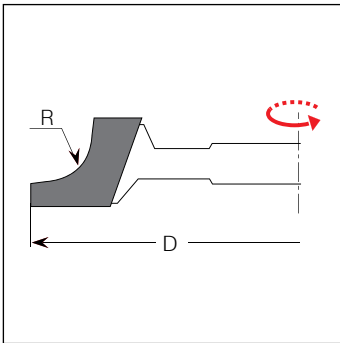
Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	R	F	Code Mod. A	Code Mod. B
120	5	30	■ F230M12005AA	■ F230M12005BA
120	10	30	■ F230M12010AA	■ F230M12010BA
120	15	30	■ F230M12015AA	■ F230M12015BA
120	20	30	■ F230M12020AA	■ F230M12020BA
140	5	30	■ F230M14005AA	■ F230M14005BA
140	10	30	■ F230M14010AA	■ F230M14010BA
140	15	30	■ F230M14015AA	■ F230M14015BA
140	20	30	■ F230M14020AA	■ F230M14020BA
140	25	30	■ F230M14025AA	■ F230M14025BA
160	5	30	■ F230M16005AA	■ F230M16005BA
160	10	30	■ F230M16010AA	■ F230M16010BA
160	15	30	■ F230M16015AA	■ F230M16015BA
160	20	30	■ F230M16020AA	■ F230M16020BA
160	25	30	■ F230M16025AA	■ F230M16025BA
160	30	30	■ F230M16030AA	■ F230M16030BA
Spec. HW			F230M99	F230M99
Spec. HS			F230S99	F230S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.





Frese per mezzi tondi

Halbstabfräser

Fraises demi-rond

Фрезы радиусные

F240**HW Half-round cutters**TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

Costruite con corpo in acciaio bonificato • 4 taglienti saldobrasati in HW • Indicate per eseguire mezzi tondi, raggiatura di bordi • Da montare su macchine toupie, scorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and temperated steel • 4 HW brazed cutting edges • Indicated for the execution of half-round and radius profiles on edges • Can be used on toupie, moulder machines • On request the cutters can be supplied with HS cutting edges

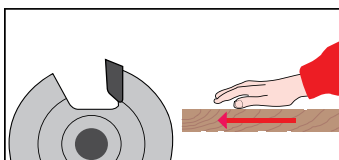
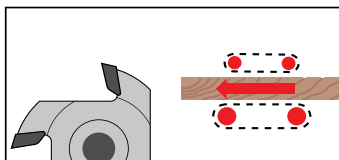
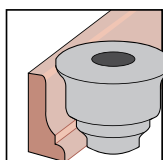
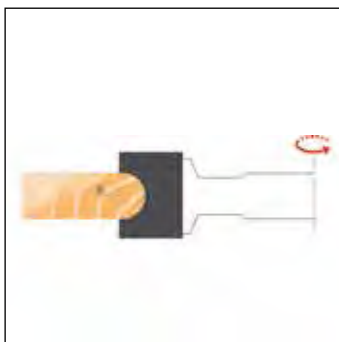
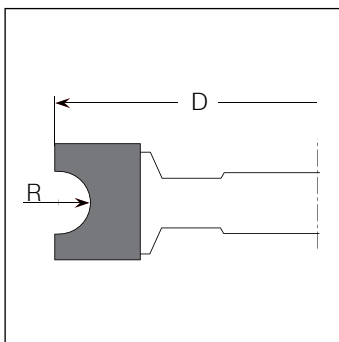
Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	R	F	Code
120	5	30	■ F240M12005AA
120	10	30	■ F240M12010AA
120	15	30	■ F240M12015AA
120	20	30	■ F240M12020AA
140	5	30	■ F240M14005AA
140	10	30	■ F240M14010AA
140	15	30	■ F240M14015AA
140	20	30	■ F240M14020AA
140	25	30	■ F240M14025AA
160	5	30	■ F240M16005AA
160	10	30	■ F240M16010AA
160	15	30	■ F240M16015AA
160	20	30	■ F240M16020AA
160	25	30	■ F240M16025AA
160	30	30	■ F240M16030AA
Spec. HW			F240M99
Spec. HS			F240S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.



F250

HW Corner-round cutters



Costruite con corpo in acciaio bonificato • 4 taglienti saldobrasati in HW • Indicate per eseguire quarti di tondo concavi
 • Possibile l'accoppiamento con altre frese sagomate • Da montare su macchine toupie, scorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS.

Body in hardened and tempered steel • 4 HW brazed cutting edges • Indicated for the execution of concave quarter-round
 • To be coupled with other profiled tools • Can be used on toupie, moulder machines • On request the cutters can be supplied with HS cutting edges

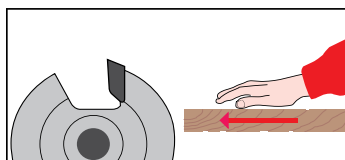
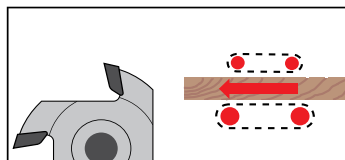
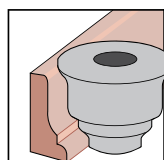
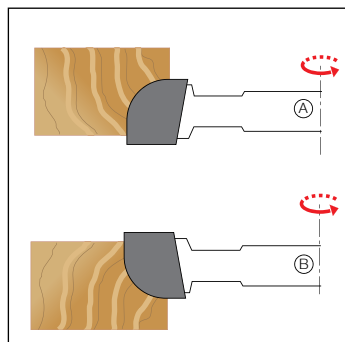
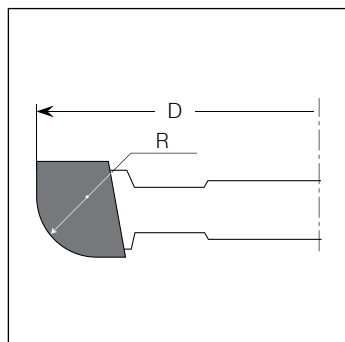
Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	R	F	Code Mod. A	Code Mod. B
120	5	30	■ F250M12005AA	■ F250M12005BA
120	10	30	■ F250M12010AA	■ F250M12010BA
120	15	30	■ F250M12015AA	■ F250M12015BA
120	20	30	■ F250M12020AA	■ F250M12020BA
140	5	30	■ F250M14005AA	■ F250M14005BA
140	10	30	■ F250M14010AA	■ F250M14010BA
140	15	30	■ F250M14015AA	■ F250M14015BA
140	20	30	■ F250M14020AA	■ F250M14020BA
140	25	30	■ F250M14025AA	■ F250M14025BA
160	5	30	■ F250M16005AA	■ F250M16005BA
160	10	30	■ F250M16010AA	■ F250M16010BA
160	15	30	■ F250M16015AA	■ F250M16015BA
160	20	30	■ F250M16020AA	■ F250M16020BA
160	25	30	■ F250M16025AA	■ F250M16025BA
160	30	30	■ F250M16030AA	■ F250M16030BA
Spec. HW			F250M99	
Spec. HS			F250S99	

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
 Tools not ready in stock minimum order quantity: **1 piece**.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per gole



Kehlfräser



Fraises à gorge



Фрезы радиусные

F260**HW Conves radius cutters**

Costruite con corpo in acciaio bonificato • 4 taglienti saldobrasati in HW • Indicate per eseguire mezzi tondi concavi (ad esempio canali raggiati) • Possibile l'accoppiamento con altre frese sagomate • Da montare su macchine toupie, scorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and tempereted steel • 4 HW brazed cutting edges • Indicated for the execution of concave half-round, i.e. round grooves • To be coupled with other profiled tools • Can be used on toupie, moulder machines • On request the cutters can be supplied with HS cutting edges

Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	R	F	Code
120	5	30	■ F260M12005AA
120	10	30	■ F260M12010AA
120	15	30	■ F260M12015AA
120	20	30	■ F260M12020AA
140	5	30	■ F260M14005AA
140	10	30	■ F260M14010AA
140	15	30	■ F260M14015AA
140	20	30	■ F260M14020AA
140	25	30	■ F260M14025AA
160	5	30	■ F260M16005AA
160	10	30	■ F260M16010AA
160	15	30	■ F260M16015AA
160	20	30	■ F260M16020AA
160	25	30	■ F260M16025AA
160	30	30	■ F260M16030AA
Spec. HW			F260M99
Spec. HS			F260S99

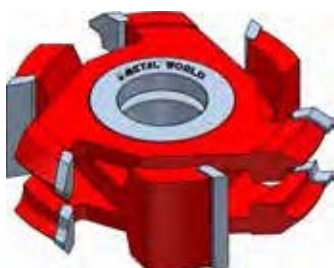
NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimun order quantity: **1 piece**.

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F265

HW Set of beveling and rounding cutters



Costruiti con corpo in acciaio bonificato • 3 taglienti saldobrasati in HW per ogni fresa • Gruppi frese adatti per la raggatura e smussatura di bordi • Da montare su macchine toupie, sorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and tempered steel • 3 HW brazed cutting edges for each tool • Indicated for rounding and chamfering • Can be used on toupie, moulder machines • On request the cutters can be supplied with HS cutting edges

Z=3+3+3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
140	10÷55	30	■ F265M14050AA
Spec. HW			F265M99
Spec. HS			F265S99

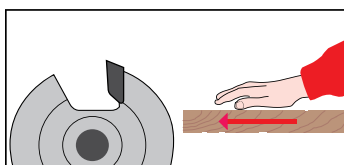
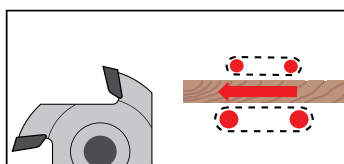
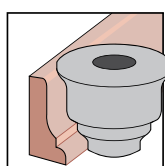
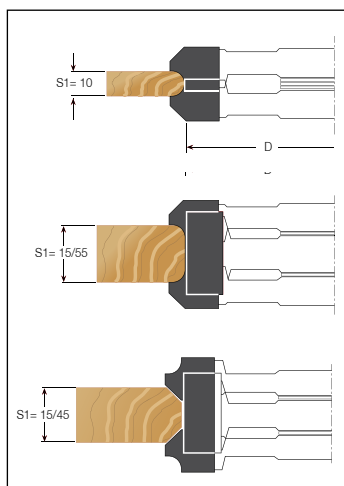
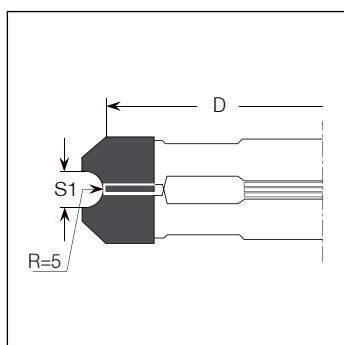
SPARE PARTS

Type	Dimensions	Code
Top cutter	154X20	■ F265M15420A1
Middle cutter	140X50	■ F265M14050A2
Bottom cutter	154X20	■ F265M15420A3

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

Il prezzo include anelli di regolazione.
The price included spacing collars.





Frese per bastoncini



Vielstabfräser



Fraise demi-ronde convexe pour bâtons



Фрезы для палочек

F290**HW Multiple dowel cutters**

Costruite con corpo in acciaio bonificato • 3 taglienti saldobrasati in HW • Adatte per l'esecuzione di due o più bastoncini dai diversi diametri • Da montare su macchine scorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati in HS

Body in hardened and tempered steel • 3 HW brazed cutting edges • Indicated for the execution of two or more smooth dowels with several diameters • Can be used on moulder machines • On request the cutters can be supplied with HS cutting edges

Z=3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	d	b	c	Sticks	F	Code
120	19	5	1	4	2	40	△ F290M120052A
120	21	6	1	4	2	40	△ F290M120062A
120	25	8	1	4	2	40	△ F290M120082A
120	31	10	1	4	2	40	△ F290M120102A
120	35,5	12	1,5	5	2	40	△ F290M120122A
120	39,5	14	1,5	5	2	40	△ F290M120142A
140	43,5	16	1,5	5	2	40	△ F290M140162A
140	47,5	18	1,5	5	2	40	△ F290M140182A
140	52	20	1,5	5	2	40	△ F290M140202A
120	25	5	1	4	3	40	△ F290M120053A
120	28	6	1	4	3	40	△ F290M120063A
120	34	8	1	4	3	40	△ F290M120083A
120	42	10	1	4	3	40	△ F290M120103A
120	49	12	1,5	5	3	40	△ F290M120123A
120	55	14	1,5	5	3	40	△ F290M120143A
140	61	16	1,5	5	3	40	△ F290M140163A
140	67	18	1,5	5	3	40	△ F290M140183A
140	74	20	2	5	3	40	△ F290M140203A
120	31	5	1	4	4	40	△ F290M120054A
120	35	6	1	4	4	40	△ F290M120064A
120	43	8	1	4	4	40	△ F290M120084A
120	53	10	1	5	4	40	△ F290M120104A
120	62,5	12	1,5	5	4	40	△ F290M120124A
120	70,5	14	1,5	5	4	40	△ F290M120144A
140	78,5	16	1,5	5	4	40	△ F290M140164A
140	86,5	18	1,5	5	4	40	△ F290M140184A
140	96	20	2	5	4	40	△ F290M140204A
120	37	5	1	4	5	40	△ F290M120055A
120	42	6	1	4	5	40	△ F290M120065A
120	52	8	1	4	5	40	△ F290M120085A

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo.**
Tools not ready in stock minimum order quantity: **1 piece.**

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F290

HW Multiple dowel cutters



Costruite con corpo in acciaio bonificato • 3 taglienti saldobrasati in HW • Adatte per l'esecuzione di due o più bastoncini dai diversi diametri • Da montare su macchine scorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati in HS

Body in hardened and tempered steel • 3 HW brazed cutting edges • Indicated for the execution of two or more smooth dowels with several diameters • Can be used on moulder machines • On request the cutters can be supplied with HS cutting edges

Z=3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	d	b	c	Sticks	F	Code
120	64	10	1	5	5	40	△ F290M120105A
120	76	12	1,5	5	5	40	△ F290M120125A
120	86	14	1,5	5	5	40	△ F290M120145A
140	96	16	1,5	5	5	40	△ F290M140165A
140	106	18	1,5	5	5	40	△ F290M140185A
140	118	20	2	5	5	40	△ F290M140205A
120	43	5	1	4	6	40	△ F290M120056A
120	49	6	1	4	6	40	△ F290M120066A
120	61	8	1	4	6	40	△ F290M120086A
120	75	10	1	5	6	40	△ F290M120106A
120	89,5	12	1,5	5	6	40	△ F290M120126A
120	101,5	14	1,5	5	6	40	△ F290M120146A
140	113,5	16	1,5	5	6	40	△ F290M140166A
140	125,5	18	1,5	5	6	40	△ F290M140186A
140	140	20	2	5	6	40	△ F290M140206A
120	49	5	1	4	7	40	△ F290M120057A
120	56	6	1	4	7	40	△ F290M120067A
120	70	8	1	4	7	40	△ F290M120087A
120	86	10	1	5	7	40	△ F290M120107A
120	103	12	1,5	5	7	40	△ F290M120127A
120	117	14	1,5	5	7	40	△ F290M120147A
140	131	16	1,5	5	7	40	△ F290M140167A
140	145	18	1,5	5	7	40	△ F290M140187A
120	55	5	1	4	8	40	△ F290M140058A
120	63	6	1	4	8	40	△ F290M140068A
120	79	8	1	4	8	40	△ F290M140088A
120	97	10	1	5	8	40	△ F290M140108A
120	116,5	12	1,5	5	8	40	△ F290M140128A
120	132,5	14	1,5	5	8	40	△ F290M140148A
140	148,5	16	1,5	5	8	40	△ F290M140168A

Spec. HW

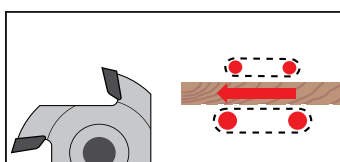
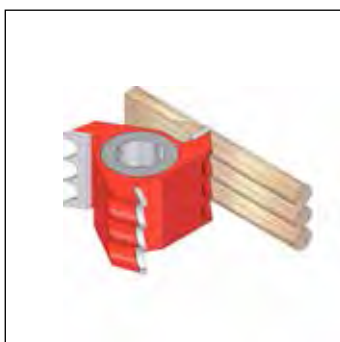
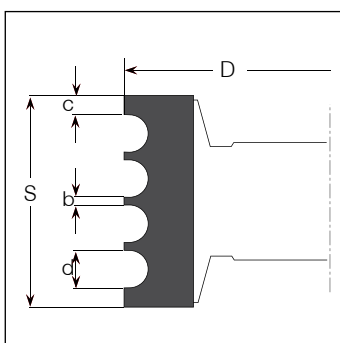
F290M99

Spec. HS

F290S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per bastoncini
zigrinati-spine



Vielstabfräser
geriffelt



Fraise demi-ronde convexe
pour bâtons



Фрезы для палочек

F292

HW Multiple corrugated dowel cutters



Costruite con corpo in acciaio bonificato • 3 taglienti saldobrasati in HW • Adatte per l'esecuzione di due o più bastoncini zigrinati • Da montare su macchine sorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and temperated steel • 3 HW brazed cutting edges • Indicated for the execution of two or more knurled dowels with several diameters • Can be used on moulder machines • On request the cutters can be supplied with HS cutting edges

Z=3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	d	b	c	Sticks	F	Code	
120	19,4	5,2	1	4	2	40	△ F292M120052A	
120	21,4	6,2	1	4	2	40	△ F292M120062A	
120	25,4	8,2	1	4	2	40	△ F292M120082A	
120	31,4	10,2	1	5	2	40	△ F292M120102A	
120	35,9	12,2	1,5	5	2	40	△ F292M120122A	
120	39,9	14,2	1,5	5	2	40	△ F292M120142A	
120	25,6	5,2	1	4	3	40	△ F292M120053A	
120	28,6	6,2	1	4	3	40	△ F292M120063A	
120	34,6	8,2	1	4	3	40	△ F292M120083A	
120	42,6	10,2	1	4	3	40	△ F292M120103A	
120	49,6	12,2	1,5	5	3	40	△ F292M120123A	
120	55,6	14,2	1,5	5	3	40	△ F292M120143A	
120	31,8	5,2	1	4	4	40	△ F292M120054A	
120	35,8	6,2	1	4	4	40	△ F292M120064A	
120	43,8	8,2	1	4	4	40	△ F292M120084A	
120	53,8	10,2	1	4	4	40	△ F292M120104A	
120	63,3	12,2	1,5	5	4	40	△ F292M120124A	
120	71,3	14,2	1,5	5	4	40	△ F292M120144A	
120	38	5,2	1	4	5	40	△ F292M120055A	
120	43	6,2	1	4	5	40	△ F292M120065A	
120	53	8,2	1	4	5	40	△ F292M120085A	
Spec. HW							F292M99	
Spec. HS							F292S99	

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F292

HW Multiple corrugated dowel cutters



Costruite con corpo in acciaio bonificato • 3 taglienti saldobrasati in HW • Adatte per l'esecuzione di due o più bastoncini zigrinati • Da montare su macchine sorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and tempered steel • 3 HW brazed cutting edges • Indicated for the execution of two or more knurled dowels with several diameters • Can be used on moulder machines • On request the cutters can be supplied with HS cutting edges

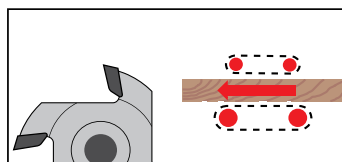
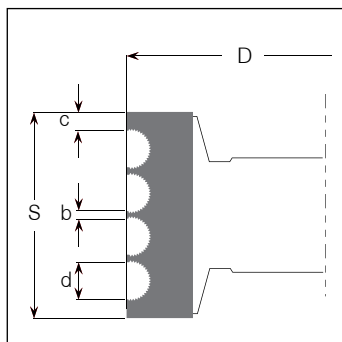
Z=3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	d	b	c	Sticks	F	Code
120	65	10,2	1	5	5	40	△ F292M120105A
120	77	12,2	1,5	5	5	40	△ F292M120125A
120	87	14,2	1,5	5	5	40	△ F292M120145A
120	44,2	5,2	1	4	6	40	△ F292M120056A
120	50,2	6,2	1	4	6	40	△ F292M120066A
120	62,2	8,2	1	4	6	40	△ F292M120086A
120	76,2	10,2	1	5	6	40	△ F292M120106A
120	90,7	12,2	1,5	5	6	40	△ F292M120126A
120	102,7	14,2	1,5	5	6	40	△ F292M120146A
120	50,4	5,2	1	4	7	40	△ F292M120057A
120	57,4	6,2	1	4	7	40	△ F292M120067A
120	71,4	8,2	1	4	7	40	△ F292M120087A
120	87,4	10,2	1	5	7	40	△ F292M120107A
120	104,4	12,2	1,5	5	7	40	△ F292M120127A
120	118,4	14,2	1,5	5	7	40	△ F292M120147A
120	56,6	5,2	1	4	8	40	△ F292M120058A
120	64,6	6,2	1	4	8	40	△ F292M120068A
120	80,6	8,2	1	4	8	40	△ F292M120088A
120	102,1	10,2	1,5	5	8	40	△ F292M120108A
120	118,1	12,2	1,5	5	8	40	△ F292M120128A
120	134,1	14,2	1,5	5	8	40	△ F292M120148A
Spec. HW							F292M99
Spec. HS							F292S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per giunzioni



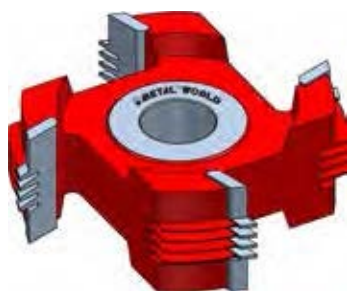
Verleim-Fräser



Fraises pour joints collés



Фрезы для сращивания

F300**HW Glue-jointing cutters**

Costruite con corpo in acciaio bonificato • 4 taglienti saldobrasati in HW • Indicate per l'esecuzione di giunzioni con parte profilata fissa • Profili A / B / C adatti per giunzioni lungo vena • Profili D / E / F / G / H / I per eseguire giunzioni controvena o di testa • Da montare su macchine toupie, scorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and tempered steel • 4 HW brazed cutting edges • Indicated for the execution of joints with fixed profiled part • Profiles A / B / C suitable for joints along the grain • Profiles D / E / F / G / H / I indicated for joints against the grain • Can be used on toupie, moulder machines and double end tenoners machines • On request the cutters can be supplied with HS cutting edges

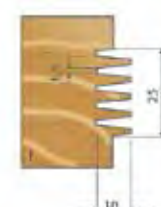
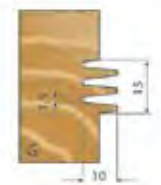
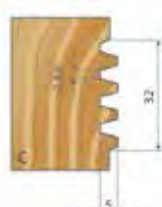
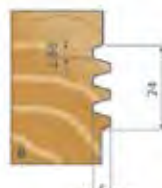
Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	Profile	F	Code
140	40	A	40	■ F300M14040AA
140	50	B	40	■ F300M14050BA
140	60	C	40	■ F300M14060CA
140	40	D	40	■ F300M14040DA
140	50	E	40	■ F300M14050EA
140	60	F	40	■ F300M14060FA
140	40	G	40	■ F300M14040GA
140	50	H	40	■ F300M14050HA
140	60	I	40	■ F300M14060IA
Spec. HW				
				F300M99
Spec. HS				
				F300S99

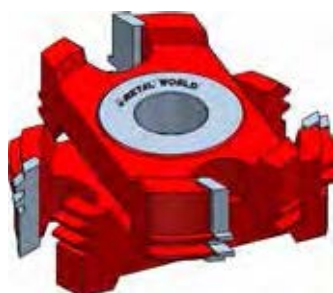
NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo.**
Tools not ready in stock minimum order quantity: **1 piece.**

TAGLIO / SEZIONATURA
SAWINGDIAMANTE
DIAMONDFRESATURA
CUTTINGPANTOGRAFATURA
ROUTINGFORATURA
BORINGMANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEMRICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F301

HW Adjustable jointing cutters



Costruite con corpo in acciaio bonificato • 2+2 taglienti saldobrasati in HW • Indicate per l'esecuzione di giunzioni con parte profilata variabile • Da montare su macchine toupie, scorniatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and tempered steel • 2+2 HW brazed cutting edges • Indicated for the execution of joints with adjustable height • Can be used on toupie and moulder machines • On request the cutters can be supplied with HS cutting edges

Z=2+2

● = Ready in stock ■ = Delivery time 20 working days △ = On request

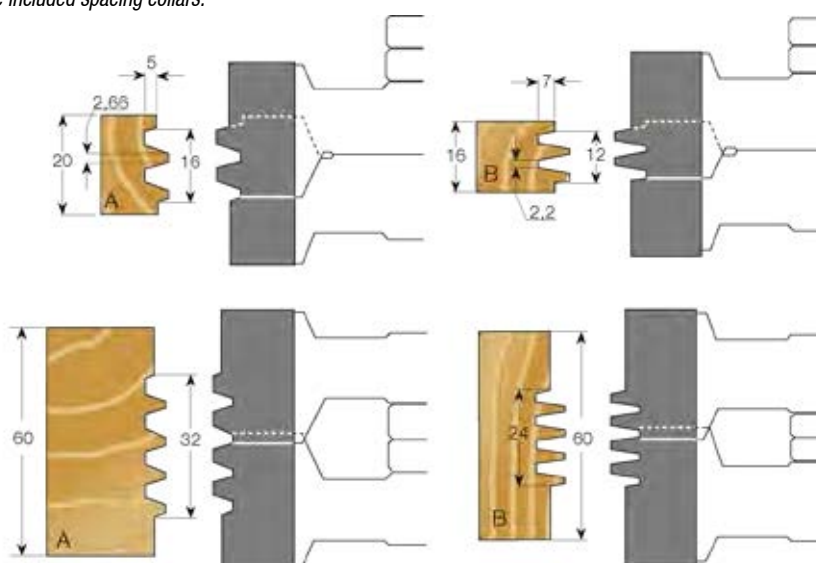
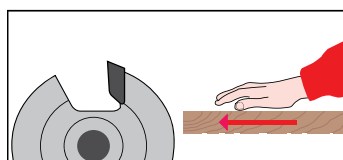
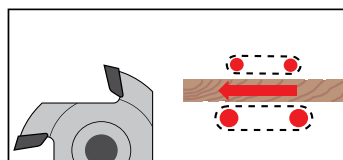
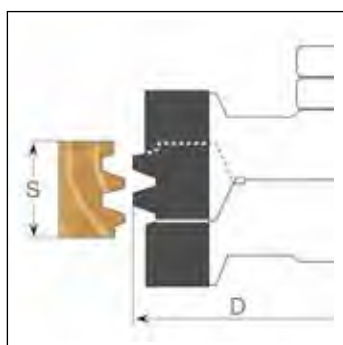
D	S min.	S max	Profile	F	Code
140	20	60	A	40	■ F301M14020AA
140	16	60	B	40	■ F301M14016BA

Spec. HW					F301M99
Spec. HS					F301S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

Il prezzo include anelli di regolazione.
The price included spacing collars.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per giunzioni



Verleim-Fräser



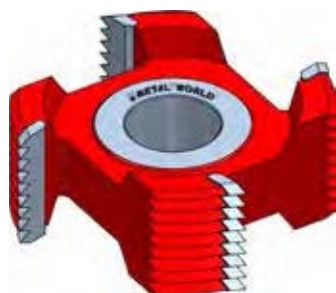
Fraises pour joints collés



Фрезы для сращивания

F304

HW Glue-jointing cutters



Costruite con corpo in acciaio bonificato • 4 taglienti saldobrasati in HW • Indicate per l'esecuzione di giunzioni per antine • Da montare su macchine toupie, scorniciatrici

Body in hardened and tempered steel • 4 HW brazed cutting edges • Indicated for the execution of joints for furniture doors • Can be used on toupie and moulder machines

Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Code
140	50	40	■ F304M14050AA
140	85	40	■ F304M14085AA
Spec.			F304M99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

Il prezzo include anelli di regolazione.
The price included spacing collars.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

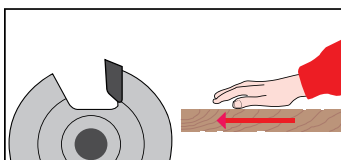
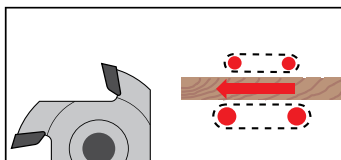
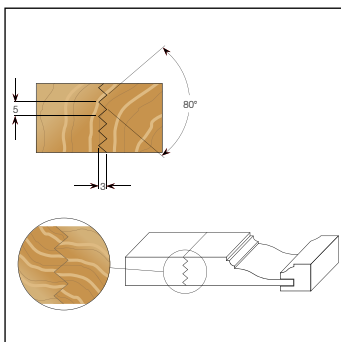
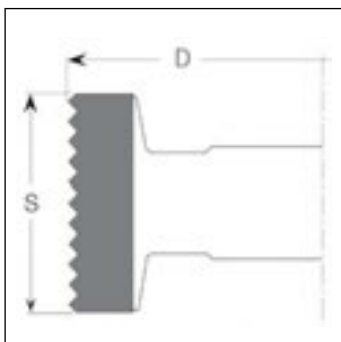
FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

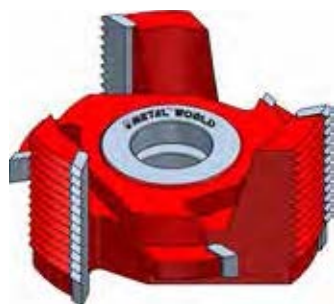
MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



F305

HW Adjustable jointing cutters



Costruite con corpo in acciaio bonificato • 3 taglienti saldobrasati in HW per ogni fresa • Indicate per l'esecuzione di giunzioni per antine • Da montare su macchine toupie, sorniciatrici, etc.

Body in hardened and tempereted steel • 3 HW brazed cutting edges for each tool • Indicated for the execution of joints of furniture doors • Can be used on toupie and moulder machines

Z=3+3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

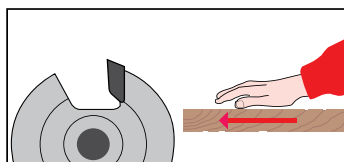
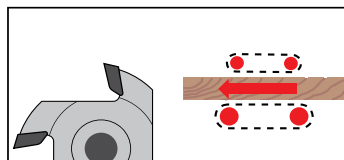
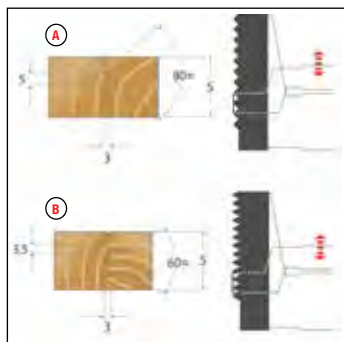
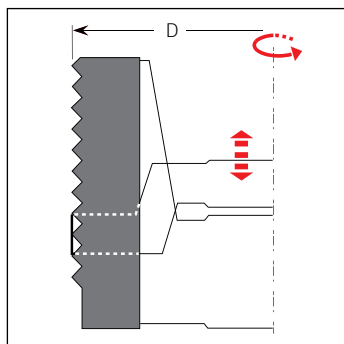
D	S	Profile	F	Code
140	80	A	40	■ F305M14080AA
140	80	B	40	■ F305M14080BA

Spec.				F305M99
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NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimun order quantity: **1 piece**.

Il prezzo include anelli di regolazione.
The price included spacing collars.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per giunzioni di testa



Minizinkenfräser



Fraises d'aboutage



Фрезы для сращивания

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F306

HS Mini finger-jointing cutters



Costruite con corpo in acciaio bonificato • Taglienti in HS • Indicate per l'esecuzione di giunzioni di assi o elementi in legno tenero • Da montare su macchine toupie, scorniatrici

Body in hardened and tempered steel • HS cutting edges • Indicated for the execution of joints or beams of softwood • Can be used on toupie and moulder machines

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Z	Profile	L	Code	
160	26	50	2+2	A	4	△ F306S16026AA	
160	28,6	50	2+2	B	10/10	△ F306S16028BA	
160	28,6	50	2+2	B	10/11	△ F306S16028BB	
250	28,6	50	3+3	B	10/10	△ F306S25028BA	
250	28,6	50	3+3	B	10/11	△ F306S25028BB	

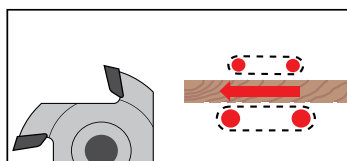
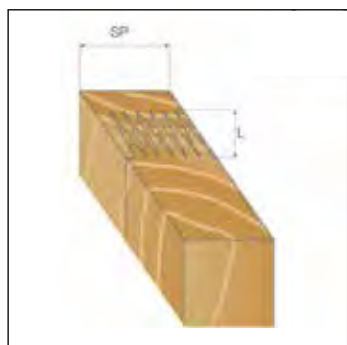
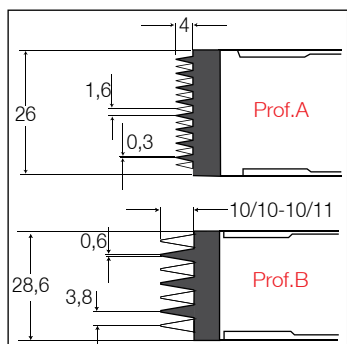
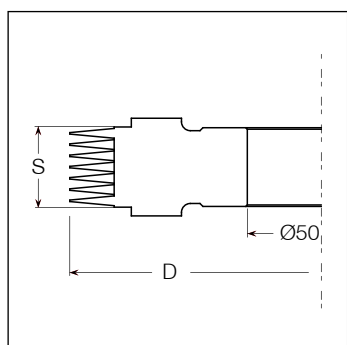
Spec.

F306S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo.**
Tools not ready in stock minimum order quantity: **1 piece.**

Profile	L	SP	n. cutters
A	4	25	1
A	4	49	2
A	4	73	3
A	4	97	4
A	4	121	5
A	4	145	6
A	4	169	7
A	4	193	8
A	4	217	9
A	4	241	10
B	10	24	1
B	10	51	2
B	10	77	3
B	10	104	4
B	10	131	5
B	10	157	6
B	10	184	7
B	10	210	8
B	10	237	9
B	10	264	10



F306

HS Mini finger-jointing cutters



Costruite con corpo in acciaio bonificato • Taglienti in HS • Indicate per l'esecuzione di giunzioni di assi o elementi in legno tenero • Da montare su macchine toupie, scorniciatrici

Body in hardened and tempered steel • HS cutting edges • Indicated for the execution of joints or beams of softwood • Can be used on toupie and moulder machines

● = Ready in stock ■ = Delivery time 20 working days △ = On request

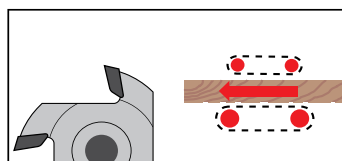
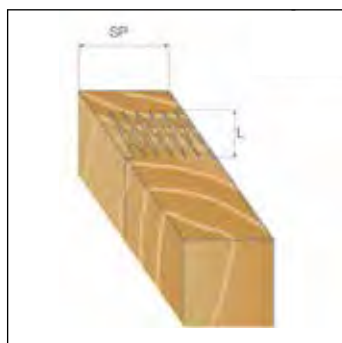
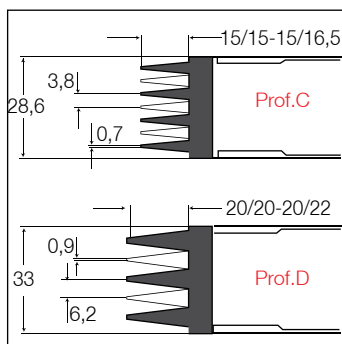
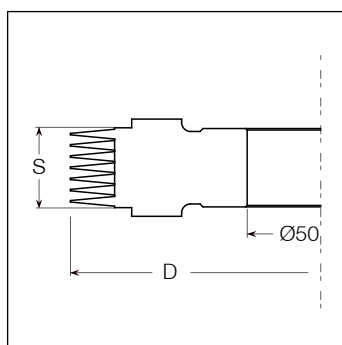
D	S	F	Z	Profile	L	Code
170	28,6	50	2+2	C	15/15	△ F306S17028CA
170	28,6	50	2+2	C	15/16,5	△ F306S17028CB
260	28,6	50	3+3	C	15/15	△ F306S26028CA
260	28,6	50	3+3	C	15/16,5	△ F306S26028CB
180	33	50	2+2	D	20/20	△ F306S18033DA
180	33	50	2+2	D	20/22	△ F306S18033DB
260	33	50	3+3	D	20/22	△ F306S26033DA

Spec.

F306S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.



Profile	L	SP	n. cutters
C	15	24	1
C	15	51	2
C	15	77	3
C	15	104	4
C	15	131	5
C	15	157	6
C	15	184	7
C	15	210	8
C	15	237	9
C	15	264	10
D	20	28	1
D	20	59	2
D	20	90	3
D	20	121	4
D	20	152	5
D	20	183	6
D	20	214	7
D	20	245	8
D	20	276	9
D	20	307	10

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Frese per giunzioni in HW



Minizinken-Fräser



Fraises pour joints collés



Фрезы для сращивания

F307

HW Mini finger-joint cutter and shoulder cutter



Da utilizzare per giunzioni di testa su legno tenero e duro • Taglienti in HW • Passo 3,8 mm e profilo 10/11 • Da montare su macchine Finger joint con lama intestatrice • Adatto per disposizione utensili a spirale

For end grain jointing of solid wood, soft or hard wood • HW cutting edges - Pitch 3,8 mm and profile 10/11 • Suitable for Finger joint machines equipped with cut-off saw • Suitable for spiral tooth configuration



Z=4/6

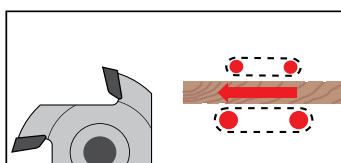
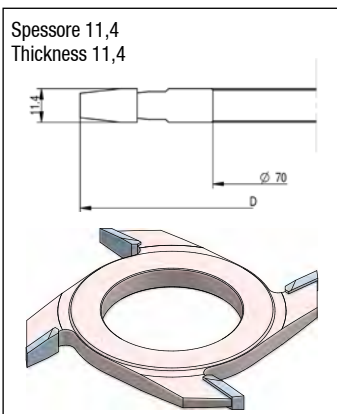
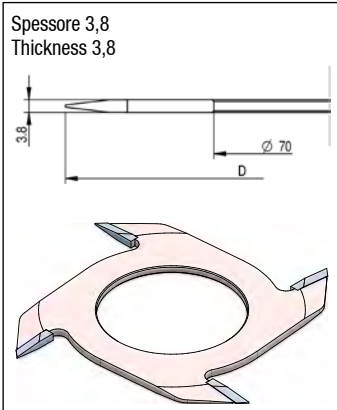
● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Z	L	Code
160	3,8	70	4	10/11	△ F307M16038AA
250	3,8	70	6	10/11	△ F307M25038AA
160	11,4	70	4	10/11	△ F307M160114A
250	11,4	70	6	10/11	△ F307M250114A

Spec.					F307M99
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NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo.**
Tools not ready in stock minimum order quantity: **1 piece.**



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



F310

HW Reversible mitre-jointing cutters



Costruite con corpo in acciaio bonificato • 3+3 taglienti saldobrasati in HW • Indicate per l'esecuzione di riquadri, cornici e telai di piccole dimensioni • Disponibile in due modelli • Da montare su macchine toupie, scorniciatrici

Body in hardened and temperated steel • 3+3 HW brazed cutting edges • Indicated for the execution of frames • Can be used on toupie and moulder machines • Available in two models

Z=3+3

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	F	Z	Mod.	Code
160	35	40	3+3	A	■ F310M16035AA
180	35	40	3+3	A	■ F310M18035AA
160	35	40	3+3	B	■ F310M16035BA
180	35	40	3+3	B	■ F310M18035BA
Spec.					F310M99

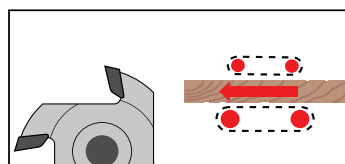
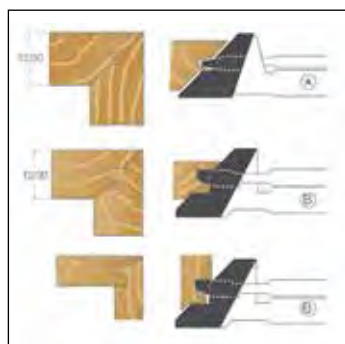
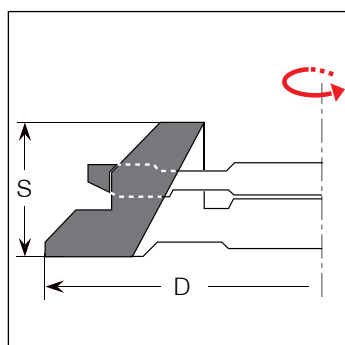
* Al momento dell'ordine specificare il modello di fresa: A o B

* When ordering, specify the type of cutter: A or B

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo.**
Tools not ready in stock minimum order quantity: **1 piece.**

Il prezzo include anelli di regolazione.
The price included spacing collars.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Coppie frese per parchetti regolabili con anelli



Nut und Federfräser
verstellbar



Jeu de fraises réglables
à tenon pour parquet HW



Фрезы для паркетных линий
регулируемые

F330

HW Adjustable tongue and groove cutters



Costruite con corpo in acciaio bonificato • 4 taglienti saldobrasati in HW • Indicate per la lavorazione di parchetti in legno massiccio di diverso spessore • Utilizzabili su macchine toupie e sorniatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and tempered steel • 4 HW brazed cutting edges • Indicated for the execution of flooring of different thickness, on solid wood • Can be used on toupie and moulder machines • On request the cutters can be supplied with HS cutting edges

Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

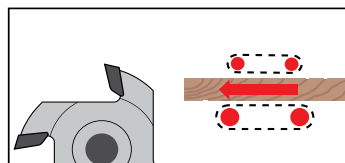
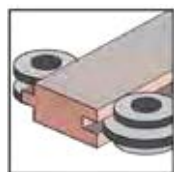
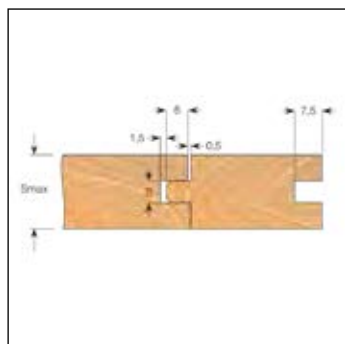
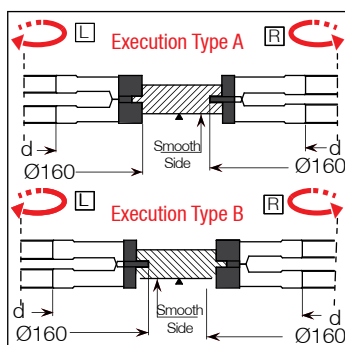
D	S	S Max	Mod.	F	Code
160	4÷7,5	20	A	40	△ F330M16004AA
160	4÷7,5	20	B	40	△ F330M16004BA

Spec. HW					F330M99
Spec. HS					F330S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

Il prezzo include anelli di regolazione.
The price included spacing collars.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F340

HW Adjustable tongue and groove cutters



Costruite con corpo in acciaio bonificato • 4 taglienti saldobrasati in HW • Indicate per la lavorazione di perline in legno massiccio di diverso spessore grazie all'utilizzo di anelli distanziali • Utilizzabili su macchine toupie e scorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and tempered steel • 4 HW brazed cutting edges • Indicated for the execution of tongue and grooves of different thickness on solid wood due to spacers • Can be used on toupie and moulder machines • On request the cutters can be supplied with HS cutting edges

Z=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

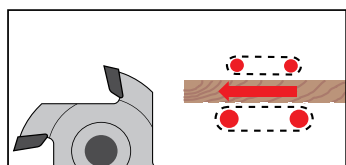
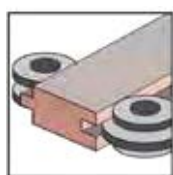
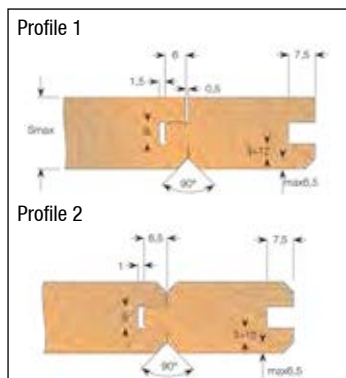
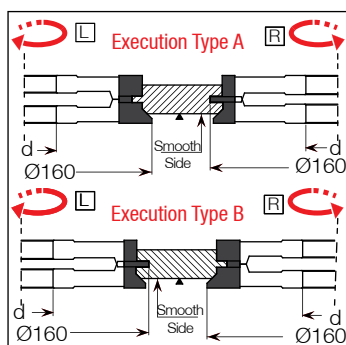
D	S	S Max	Mod.	Prof.	F	Code
160	4÷7,5	20	A	1	40	△ F340M160201A
160	4÷7,5	20	B	1	40	△ F340M160201B
160	4÷7,5	20	A	2	40	△ F340M160202A
160	4÷7,5	20	B	2	40	△ F340M160202B
160	6÷11	30	A	1	40	△ F340M160301A
160	6÷11	30	B	1	40	△ F340M160301B
160	6÷11	30	A	2	40	△ F340M160302A
160	6÷11	30	B	2	40	△ F340M160302B

Spec. HW						F340M99
Spec. HS						F340S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

Il prezzo include anelli di regolazione.
The price included spacing collars.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Coppie frese con rasanti
per perline regolabili
con anelli



Nut und Federfräser
verstellbar



Jeu de fraises réglables à
mortaise pour lambris HW



Фрезы для вагонки
регулируемые

F350

HW Adjustable tongue and groove cutters



Costruiti con corpo in acciaio bonificato • 4 taglienti + 4 rasanti saldobrasati in HW • Indicate per la lavorazione di perline in legno massiccio di diverso spessore mediante l'utilizzo di anelli distanziali • Buona finitura grazie alla presenza dei rasanti • Utilizzabili su macchine toupie e scorniciatrici • Su specifica richiesta le frese possono essere fornite anche con taglienti saldobrasati HS

Body in hardened and tempered steel • 4 cutting edges + 4 spurs brazed in HW • Indicated for the execution of tongue and grooves of different thickness on solid wood due to spacers • Good finish thanks to the presence of spurs • Can be used on toupie and moulder machines • On request the cutters can be supplied with HS cutting edges

Z=4 V=4

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	S Max	Mod.	Prof.	F	Code
160	4÷7,5	20	A	1	40	△ F350M160201A
160	4÷7,5	20	B	1	40	△ F350M160201B
160	4÷7,5	20	A	2	40	△ F350M160202A
160	4÷7,5	20	B	2	40	△ F350M160202B
160	6÷11	30	A	1	40	△ F350M160301A
160	6÷11	30	B	1	40	△ F350M160301B
160	6÷11	30	A	2	40	△ F350M160302A
160	6÷11	30	B	2	40	△ F350M160302B

Spec. HW

F350M99

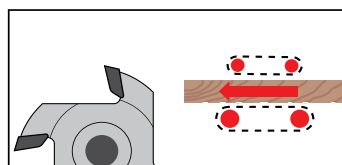
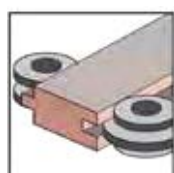
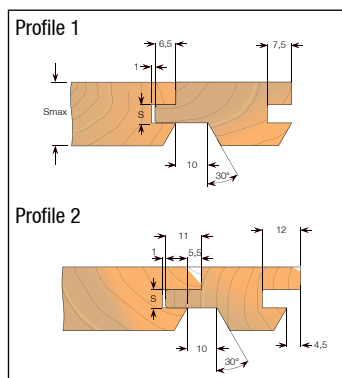
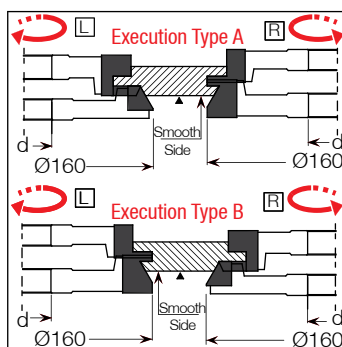
Spec. HS

F350S99

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

Il prezzo include anelli di regolazione.
The price included spacing collars.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

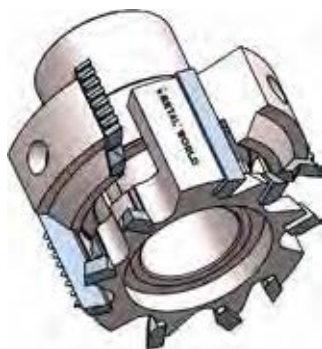
MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



F370

HW Sets of cutters for double tenoning machines



Costruiti con corpo in acciaio bonificato • 3+3 taglienti + 6 rasanti saldobrasati in HW • Rompitruccio per ridurre lo sforzo di lavorazione • Utilizzabili su macchine tenonatrici doppie Bacci e Balestrini

Body in hardened and tempered steel • 3+3 cutting edges + 6 spurs brazed in HW • Chipbreaker to reduce the effort of processing • Can be used on Bacci e Balestrini tenoning machines

Z=3+3 V=6

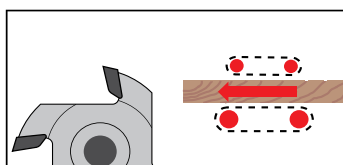
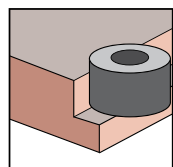
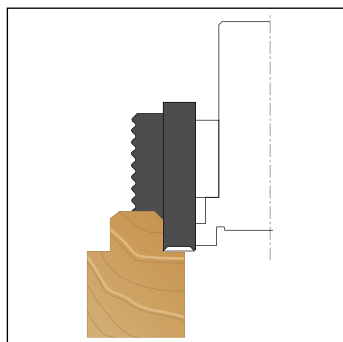
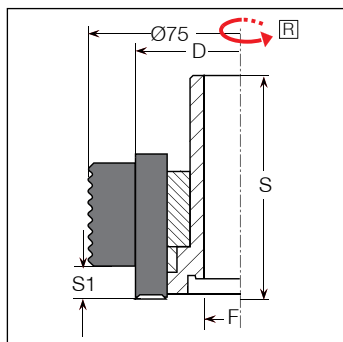
● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	S1	F	Left Code	Right Code
60	65	9,5/30	25	■ F370M06065AL	● F370M06065AR
Spec.				F370M99L	F370M99R

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo.**
Tools not ready in stock minimum order quantity: **1 piece.**

Il prezzo include chiave di regolazione.
The price included screwdriver.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Gruppi frese
regolabili per spine



Zapfenfräser



Jeu de fraises
pour tenonneuse double



Комплект фрез для
двусторонних шипорезных
станков

F372

HW Sets of cutters for double tenoning machines



Costruiti con corpo in acciaio bonificato • Taglienti saldobrasati in HW • Le frese trucioloatore multitaglienti sono provviste di 12 divisioni multitaglienti per aumentare la capacità di asportazione • Utilizzabili su macchine tenonatrici doppie Bacci e Balestrini

Body in hardened and tempered steel • 3+3 cutting edges + 6 spurs brazed in HW • The multi-teeth hogging cutter have 12 multi-teeth divisions to increase the chip removal • Can be used on Bacci e Balestrini tenoning machines

Z=3 V=6

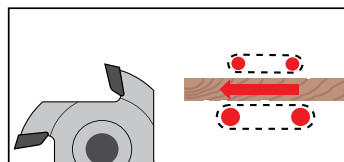
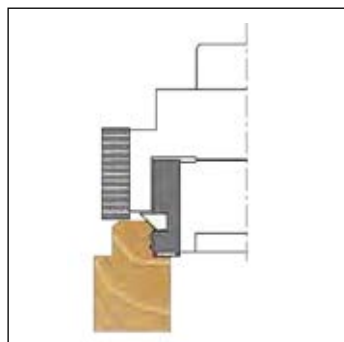
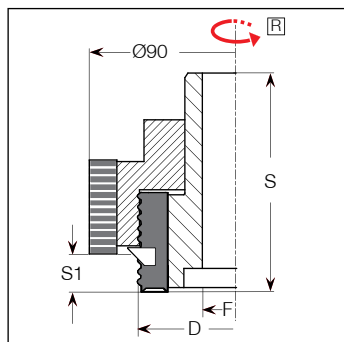
● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	S1	F	Left Code	Right Code	
60	65	12/28	25	■ F372M06065AL	■ F372M06065AR	
Spec.				F372M99L	F372M99R	

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo.**
Tools not ready in stock minimum order quantity: **1 piece.**

Il prezzo include chiave di regolazione.
The price included screwdriver.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

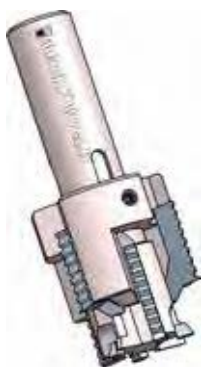
MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



F374

HW Sets of cutters for double tenoning machines



Costruiti con corpo in acciaio bonificato • 3+3 taglienti + 3 rasanti saldobrasati in HW • Rompitrucchio per ridurre lo sforzo di lavorazione • Da usare su macchine CNC

Body in hardened and tempered steel • 3+3 cutting edges + 3 spurs brazed in HW • Chipbreaker to reduce the effort of processing • Can be used on CNC machines

Z=3+3 V=3

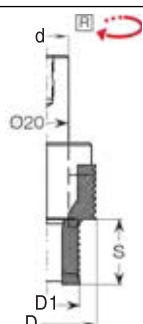
● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	D1	S	d	Left Code	Right Code
45	30	10÷30	20	△ F374M04510AL	△ F374M04510AR
Spec.				F374M99L	F374M99R

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

Il prezzo include chiave di regolazione.
The price included screwdriver.



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

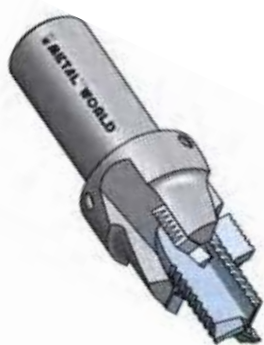
FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F375

HW / HWM Sets of cutters for double tenoning machines



Costruiti con corpo in acciaio bonificato • 3 taglienti + 3 rasanti saldobrasati in HW • Punta centrale in HW integrale • Completo di rompitrucchio per ridurre lo sforzo di lavorazione • Da usare su macchine CNC

Body in hardened and tempered steel • 3 cutting edges + 3 spurs brazed in HW • Central router bit in full HW • Complete with chipbreaker to reduce the effort of processing • Can be used on CNC machines

Z=3+3 V=3

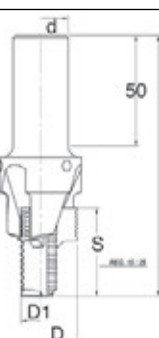
● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	D1	S	d	Left Code	Right Code
33	18	15÷25	25	■ F375M03315AL	■ F375M03315AR
Spec.				F375M99L	F375M99R

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

Il prezzo include chiave di regolazione.
The price included screwdriver.





Gruppi frese regolabili
con ghiera per spine



Zapfenfräser
mit Gewindebüchse



Jeu de fraises
pour tenonneuse
avec douille de réglage



Комплект фрез с градуированной
гайкой для двусторонних
шипорезных станков

F378

HW Sets of cutters with ring nut for dowels

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING



Costruiti con corpo in acciaio bonificato • 3+3 taglienti saldobrasati HW con rompitruciolo 6 rasanti • Dotati di ghiera che garantisce una regolazione più facile, veloce e precisa • Utilizzabili su macchine tenonatrici doppie Bacci e Balestrini

Body in hardened and tempereted steel • 3+3 cutting edges with chipbreaker + 6 spurs brazed in HW • Ring nut grants an easy, fast and accurate setting • Can be used on Bacci e Balestrini double end tenoning machines

Z=3+3 V=6

● = Ready in stock ■ = Delivery time 20 working days △ = On request

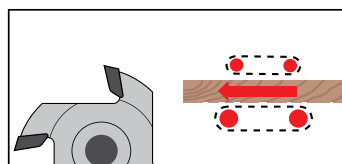
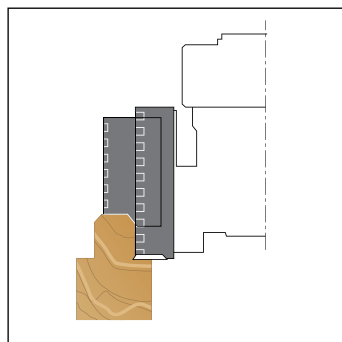
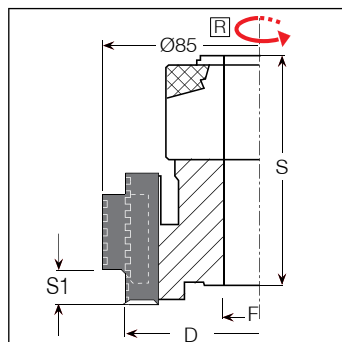
D	S	S1	F	Left Code	Right Code
70	67	9,5÷27,5	25	△ F378M07067AL	△ F378M07067AR
70	72	9,5÷30	25	△ F378M07072AL	△ F378M07072AR

Spec.				F378M99L	F378M99R
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NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimun order quantity: **1 piece**.

Il prezzo include chiave di regolazione.
The price included screwdriver.



F382

HW Sets of cutters with ring nut for dowels



Costruiti con corpo in acciaio bonificato • 3 taglienti saldobrasati in HW • Le frese truciolo a 12 divisioni aumentano la capacità di asportazione • Dotati di ghiera che garantisce una regolazione più facile, veloce e sicura • Utilizzabili su macchine tenonatrici doppie

Body in hardened and tempered steel • 3 HW brazed cutting edges • The multi-teeth hogging cutter have 12 multi-teeth divisions to increase the chip removal • Ring nut grants an easy, fast and accurate setting • Can be used on double end tenoning machines

Z=3 V=6

● = Ready in stock ■ = Delivery time 20 working days △ = On request

D	S	S1	F	Left Code	Right Code
70	65	12/28	25	△ F382M07065AL	△ F382M07065AR
70	75	12/33,5	25	△ F382M07075AL	△ F382M07075AR
70	90	12/40	25	● F382M07090AL	● F382M07090AR

Spec.

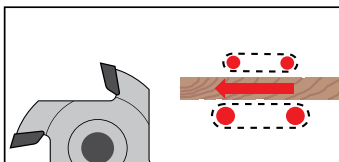
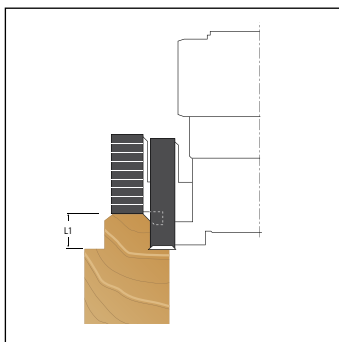
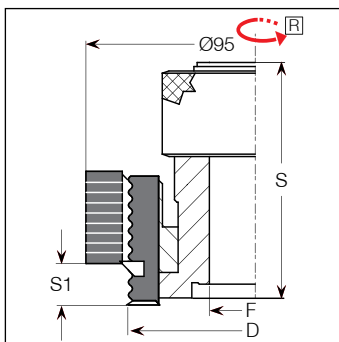
F382M99L

F382M99R

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo**.
Tools not ready in stock minimum order quantity: **1 piece**.

Il prezzo include chiave di regolazione.
The price included screwdriver.





Frese a profilo diritto
per bordatrici



Kanten-Füge-Fräser (gerade)
zum Kantenanleimen



Fraises d'affleurage droites



Фрезы для
кромкооблицовочных
станков

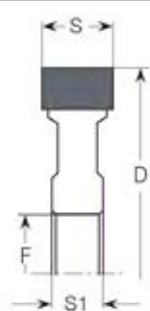
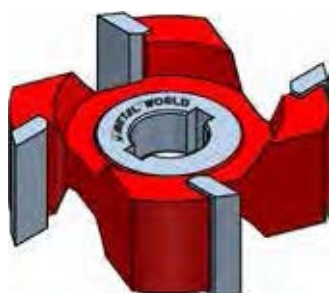
F400

HW Edge-banding cutters



Costruite con corpo in acciaio bonificato • Taglienti saldobrasati in HW • Indicate per la bordatura di pannelli • Esecuzione simmetrica • **Da montare su macchine HOMAG e SCM**

Body in hardened and tempered steel • HW brazed cutting edges • Suitable for edge banding panels • Symmetric execution • **Can be used on HOMAG and SCM machines**



TO MOUNT ON HOMAG EDGE BANDING MACHINES

D	S	S1	F	Z	Code	
70	25	10,5	16+2CH	4	■ F400M07025AA	

Spec.

F400M99

● = Ready in stock ■ = Delivery time 20 working days △ = On request

TO MOUNT ON **scm** EDGE BANDING MACHINES

D	S	S1	F	Z	Code	
70	20	11	16+2CH	6	■ F400M07020AA	
80	20	11	16+2CH	6	■ F400M08020AA	

Spec.

F400M99

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

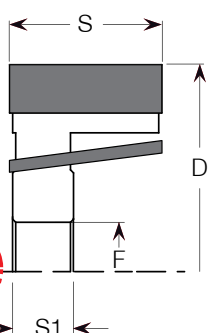
F410

HW Edge-banding cutters



Costruite con corpo in acciaio bonificato • Taglienti assiali saldobrasati in HW • Mozzo laterale • Adatte per rifilare bordi melaminici, laminati, nobilitati, impiallacciati • Da montare su macchine IMA

Body in hardened and tempered steel • HW brazed cutting edges • Lateral hub • Suitable to edge banding laminated, veneered or melaminized panels • **Can be used on IMA machines**



TO MOUNT ON **IMA** EDGE BANDING MACHINES

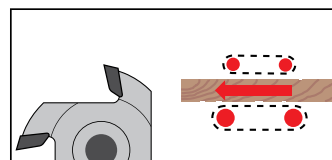
D	S	S1	F	Z	Left Code	Right Code	
70	25	12,5	20+2CH	4	■ F410M070254L	■ F410M070254R	
70	25	12,5	20+2CH	6	■ F410M070256L	■ F410M070256R	

Spec.

F410M99L

F410M99R

● = Ready in stock ■ = Delivery time 20 working days △ = On request



F420

HW Edge-banding cutters



Costruite con corpo in acciaio bonificato • Taglienti saidobrasati in HW – Mozzo a sbalzo • Adatte per rifilare bordi melaminici, laminati, nobilitati, impiallacciati • **Da montare su macchine BIESSE, HOMAG, IMA, SCM**

Body in hardened and tempered steel • HW brazed cutting edges • Overhang hub • Suitable to edge banding laminated, veneered or melaminated panels • **Can be used on BIESSE, HOMAG, IMA, SCM machines**

TO MOUNT ON **BIESSE** EDGE BANDING MACHINES

D	S	S1	F	Z	Left Code	Right Code
70	20	22	20+2CH	4	■ F420M702004L	■ F420M702004R
70	20	22	20+2CH	6	■ F420M702006L	■ F420M702006R
80	20	22	20+2CH	6	■ F420M802006L	■ F420M802006R

Spec.

F420M99L

F420M99R

● = Ready in stock ■ = Delivery time 20 working days △ = On request

TO MOUNT ON HOMAG AND **IMA** EDGE BANDING MACHINES

D	S	F	Z	Left Code	Right Code
70	25	HSK25	4	■ F420M702504L	■ F420M702504R
70	35	HSK25	4	■ F420M703504L	■ F420M703504R

Spec.

F420M99L

F420M99R

TO MOUNT ON **scm** EDGE BANDING MACHINES

D	S	S1	F	Z	Left Code	Right Code
48	13,6	20	16+2CH	2	■ F420M481362L	■ F420M481362R
48	13,6	20	16+2CH	3	■ F420M481363L	■ F420M481363R
48,5	25	14	16+2CH	4	■ F420M482504L	■ F420M482504R

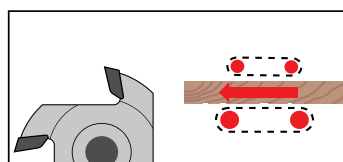
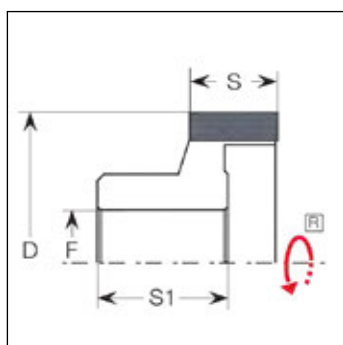
Spec.

F420M99L

F420M99R

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **2 pezzi**.
Tools not ready in stock minimum order quantity: **2 pieces**.





Frese sagomate
per bordatrici
con mozzo centrale



Sprossenkonterfräser



Fraises d'affleurage



Фрезы для
кромкооблицовочных
станков

F435

HW Edge-banding cutters



Costruite con corpo in acciaio bonificato • Taglienti saldobrasati in HW • Mozzo centrale • Adatte per rifilare bordi melaminici, laminati, nobilitati, impiallacciati • **Da montare su macchine SCM**

Body in hardened and tempered steel • HW brazed cutting edges • Central hub • Suitable to edge banding laminated, veneered or melaminated panels • **Can be used on BIESSE, HOMAG, IMA, SCM machines**

TO MOUNT ON **scm** EDGE BANDING MACHINES

D	S	S1	F	Z	B	Code	
64	16	12	16+2CH	4	20°	■ F435M064164A	
69	16	12	16+2CH	4	45°	■ F435M069164A	

Spec.						F435M99	
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● = Ready in stock ■ = Delivery time 20 working days △ = On request

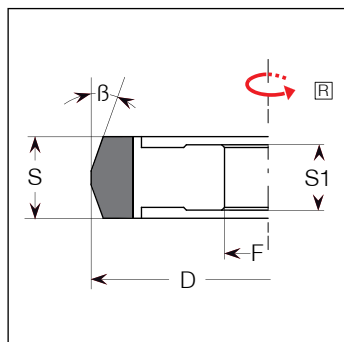
NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **2 pezzi**.
Tools not ready in stock minimum order quantity: **2 pieces**.

TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING



PANTOGRAFATURA
ROUTING

Frese multiraggio
per bordatrici

Multiradienfräser

Fraises d'affleurage
multiprofiles

Фрезы мультирадиусные
для кромкооблицовочных
станков

F480

HW Edge-banding multi-rounding cutters



Costruite con corpo in acciaio bonificato • Taglienti saldobrasati in HW • Adatte per raggare bordi in ABS • **Da montare su macchine BIESSE, SCM**

Body in hardened and tempered steel • HW brazed cutting edges • Suitable to round ABS edges • Can be used on BIESSE and SCM machines

TO MOUNT ON **BIESSE** EDGE BANDING MACHINES

D	D1	S	S1	F	Z	Left Code	Right Code	
70	61	23	15	16+2CH	4	■ F480M07023AL	■ F480M07023AR	

Spec.						F480M99L	F480M99R	
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● = Ready in stock ■ = Delivery time 20 working days △ = On request

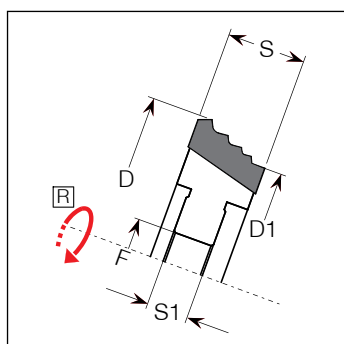
TO MOUNT ON **scm** EDGE BANDING MACHINES

D	D1	S	S1	F	Z	Left Code	Right Code	
77,4	63	20,4	10,8	16+2CH	4	■ F480M07720AL	■ F480M07720AR	

Spec.						F480M99L	F480M99R	
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NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **2 pezzi**.
Tools not ready in stock minimum order quantity: **2 pieces**.



FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

F495

HW Mini-spot grooving cutters



Costruite con corpo in acciaio bonificato • Taglienti in HW • Indicate per la realizzazione di incastri per Lamello® • Adatte alla lavorazione di legni naturali, pannelli truciolari o MDF grezzi e/o rivestiti • Utilizzabili su macchine manuali e CNC

Obtained from hardened and tempered steel • Carbide tip • Indicated for grooving cuts for Lamello® • Suitable to cut chipboard or MDF panels lined on both sides • Used on manual machine and CNC

● = Ready in stock ■ = Delivery time 20 working days △ = On request

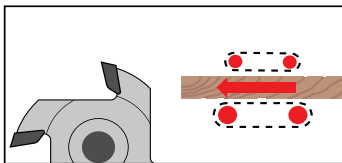
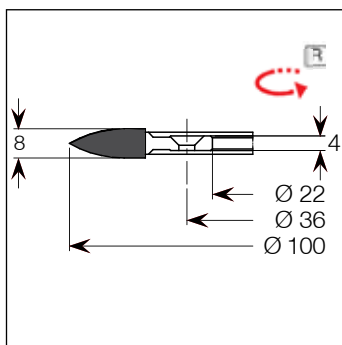
D	S	F	Pin Holes	Z	Right Code
100	8	22	4,5/36	4	● F495M100008R

Spec.

F495M99R

NOTE

■ Utensili non a magazzino, quantità minima d'ordine: **1 pezzo.**
Tools not ready in stock minimum order quantity: **1 piece.**



TAGLIO / SEZIONATURA
SAWING

DIAMANTE
DIAMOND

FRESATURA
CUTTING

PANTOGRAFATURA
ROUTING

FORATURA
BORING

MANDRINI / ATTACCHI
CHUCKS & CLAMPING SYSTEM

RICAMBI E LAVORAZIONI SUPP.
SPARE PARTS & ADD. WORKING

