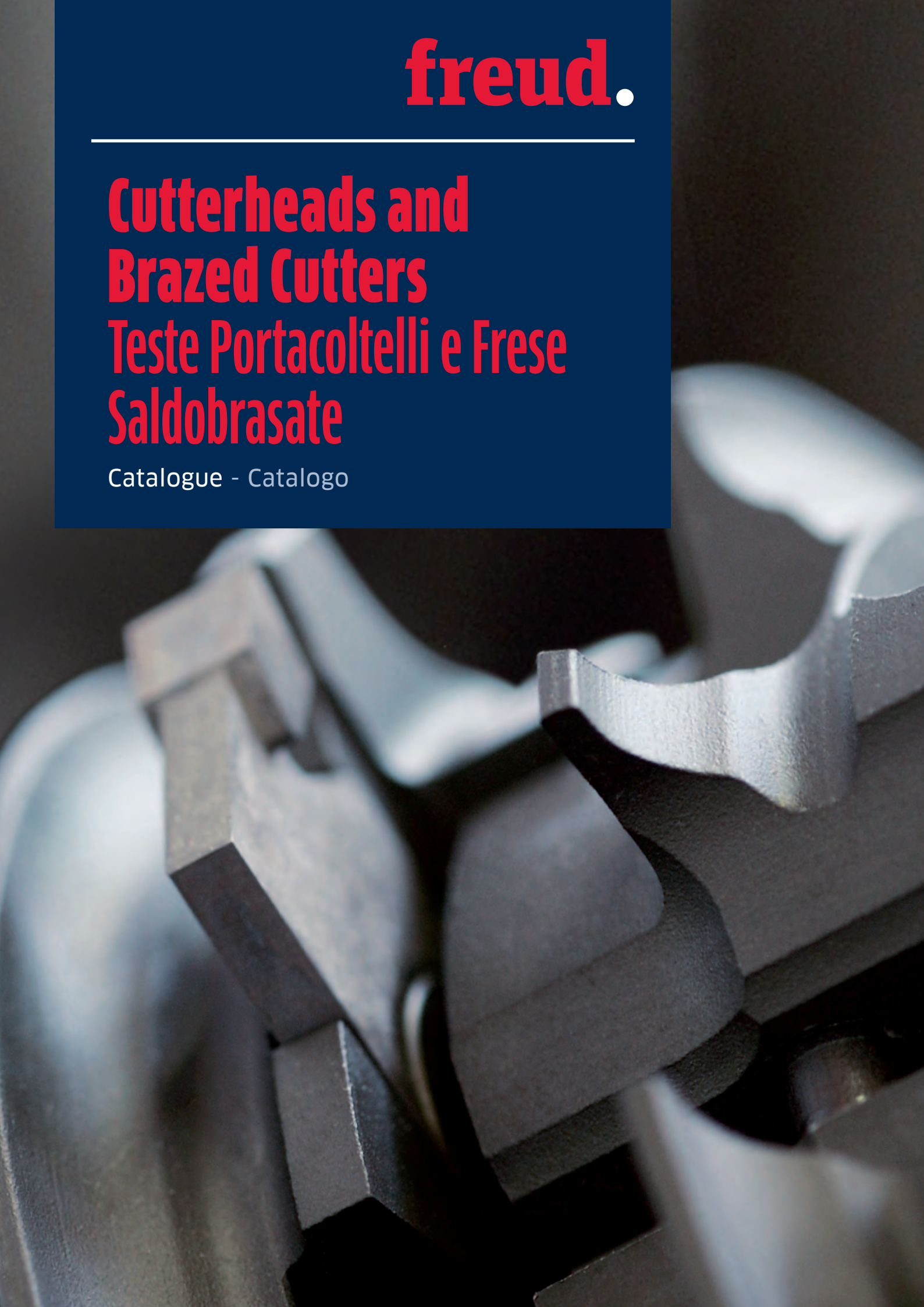


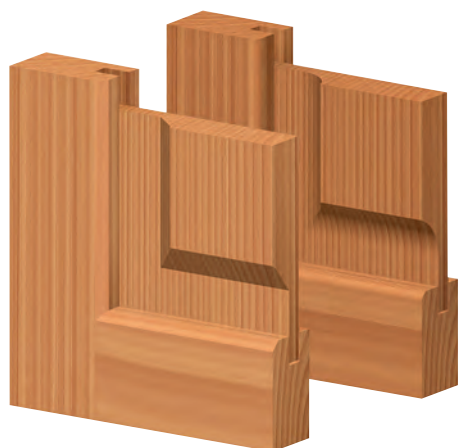
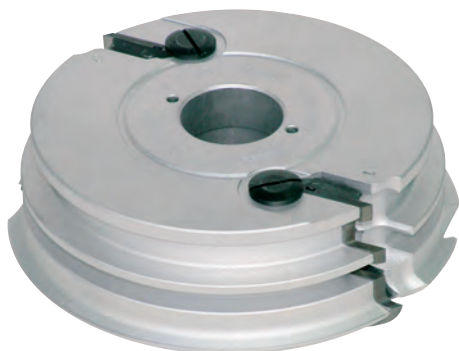
freud.

**Cutterheads and
Brazed Cutters
Teste Portacoltelli e Frese
Saldobrasate**

Catalogue - Catalogo



TP44M



Multiprofile cutterheads Teste multiprofilo

Multiprofile cutterhead for tongue, groove panels, flooring and cabinet doors, kitted with two sets of resharpenable knives. This tool is designed to be used on moulding machines. Mostly suitable for moulding and profiling on soft, hard and exotic wood, with a top quality finish. The tool's versatility allows you to produce 20-22 mm thick cabinet doors, 13-17 mm and 20-22 mm thick floor boards and 26 or 33 mm thick shutters. This can be achieved with two passes and by capsiding the machined part for the second run, taking care to adjust the tool's programmed height accordingly. The variously profiled knives are perfectly interchangeable and do not affect the minimum tool diameter.

This item is supplied with knives.

Light alloy body (Aluminum alloy). For cleaning do not use products containing caustic soda.

Testa multiprofilo per perline, antine e antoni, completa di 2 set di coltelli riaffilabili. Da utilizzare su macchine toipie. Particolarmente adatta per lavorazioni di contornatura e profilatura su legni teneri, duri ed esotici. Ottima finitura. La particolare versatilità dell'utensile permette l'esecuzione di antine di spessore 20-22 mm complete di specchietto, l'esecuzione di perline di spessore 13-17 mm e 20-22 mm, di antoni di spessore di 26 oppure 33 mm. Il tutto viene sempre eseguito con doppie passate invertendo la base di appoggio del pezzo tra una lavorazione e l'altra e modificando opportunamente la programmazione in altezza. I coltelli, di diverso profilo, sono perfettamente intercambiabili tra loro e mantengono il diametro minimo di lavorazione.

L'articolo viene fornito con coltelli.

Corpo in lega leggera (Lega di alluminio). Per la pulizia non utilizzare prodotti contenenti soda caustica.

D mm	B mm	d* mm	Z	R	Max RPM 1/min.	Code Codice	SAP SAP
160	55	30 (35)	2		8.500	TP44M AA3	F03F668643
160	55	32	2		8.500	TP44M AC3	F03F668644
160	55	35 (50)	2		8.500	TP44M AB3	F03FC20502

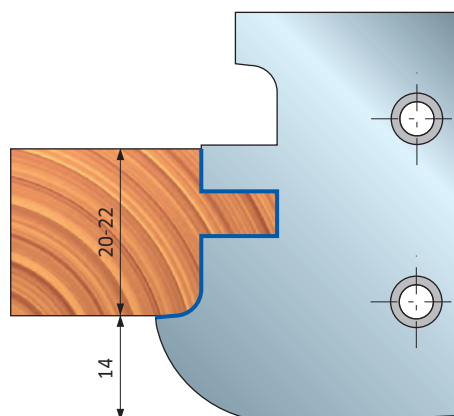
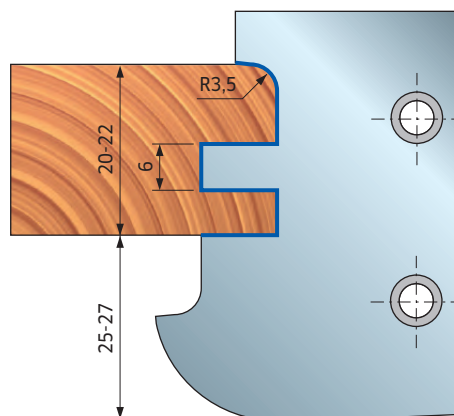
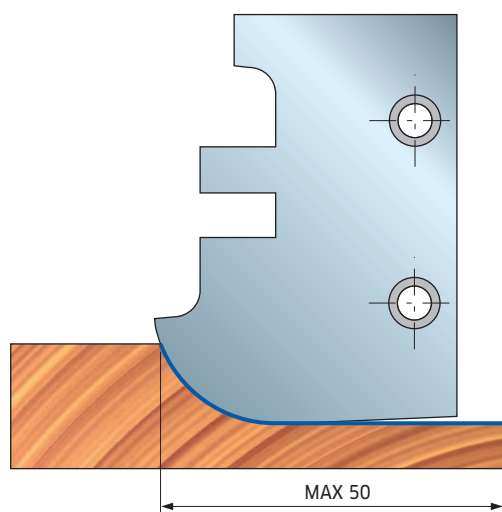
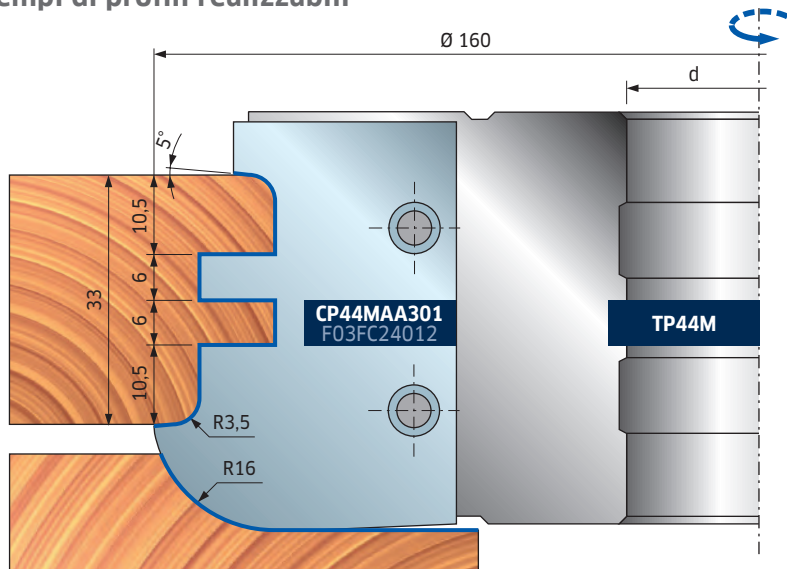
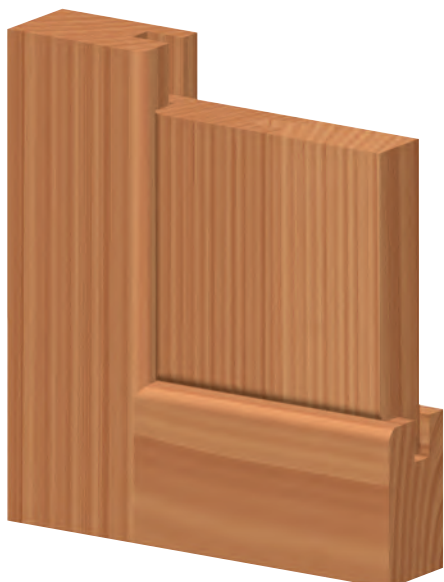
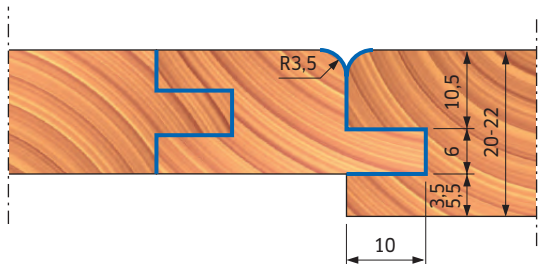
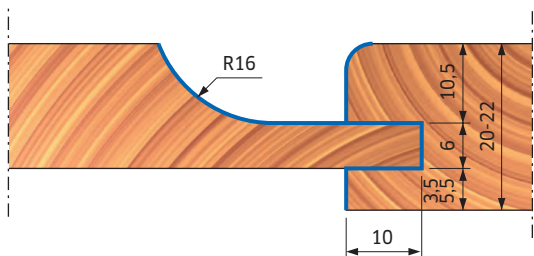
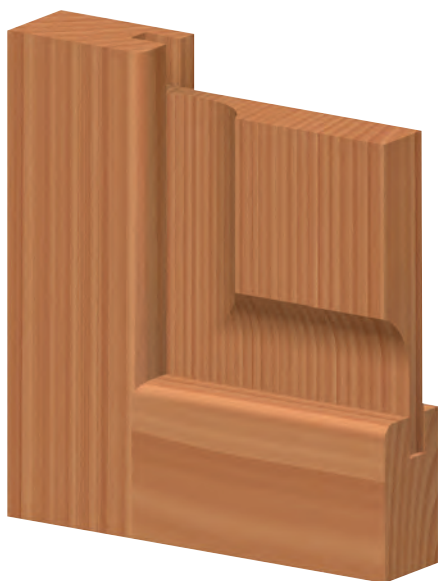
	Spare parts Parti di ricambio	Dimensions Dimensioni mm	Code Codice	SAP SAP
	Wedge / Cuneo	38 x 51 x 8	CN13M CE9	F03FC22737
	Screw / Vite	M5 x 7 x 16	VT08M AE9	F03FA04457
	Screw / Vite	M10 x 18	VT03M CC9	F03FA04438
	Allen key / Chiave	5 x 110	CB03M EA9	F03FA00169

Profile Profilo	Spare knives Coltelli di ricambio	Dimensions Dimensioni mm	Code Codice	SAP SAP
1	Knife / Coltello	55 x 40 x 3	CP44MAA301	F03FC24012
2	Knife / Coltello	55 x 40 x 3	CP44MBA301	F03FC24013



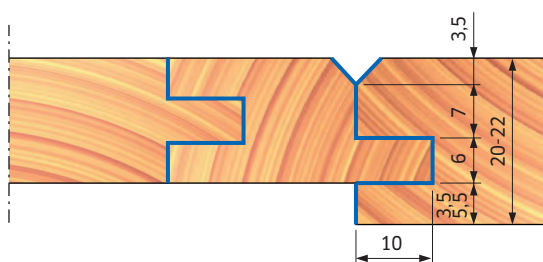
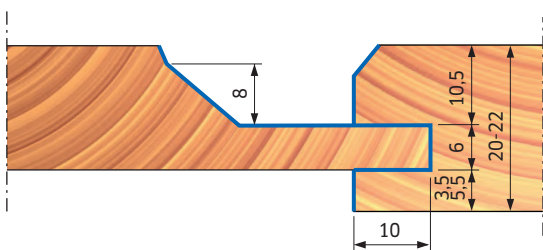
* Size shown between brackets is the max. rebore possible • La quota tra parentesi è la massima allargatura foro possibile

PROFILE / PROFILO 1

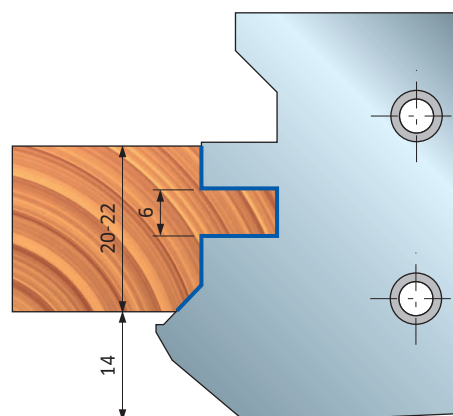
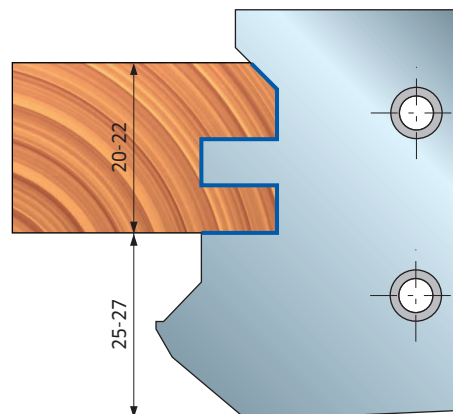
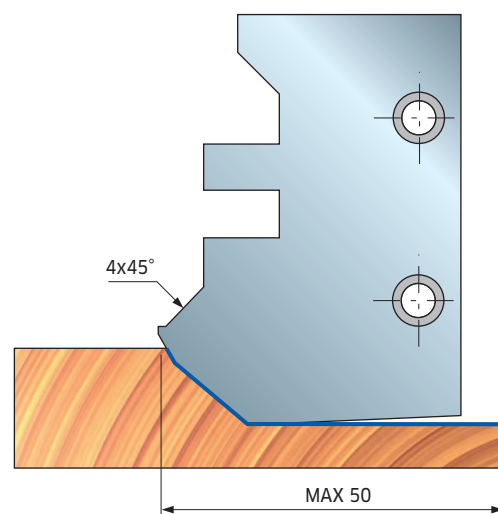
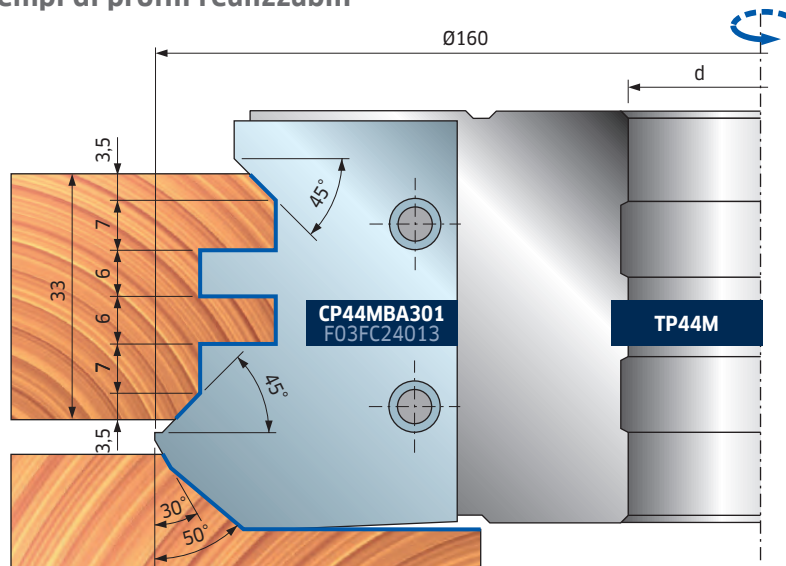


TP44M

PROFILE / PROFILO 2



Example of profiles
Esempi di profili realizzabili



TP32M



Cutterheads sets for cabinet doors (wood thickness: 22-24 mm) Gruppi di teste per antine (sp. legno: 22-24 mm)

The cutterhead set must be used exclusively with upper and lower flanges mounted. The use of each cutterhead as a singular piece is not consented on machines with manual feed. The constructor declines any responsibility for improper use.

Set consisting of cutterheads A and B and flanges. Only knives for cutterhead B are included.

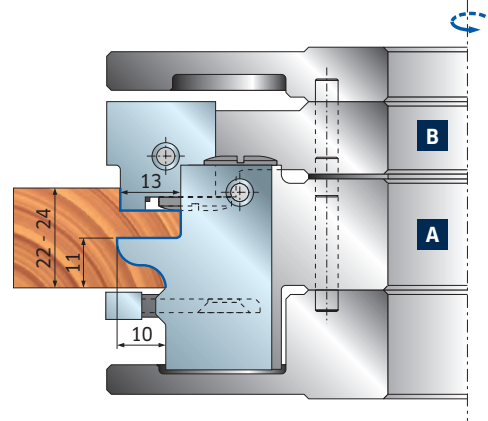
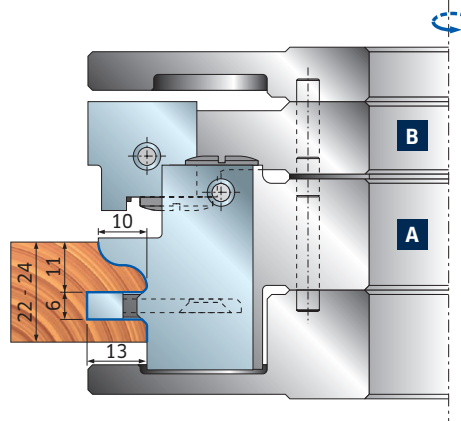
Il gruppo di teste portacoltelli deve essere utilizzato esclusivamente con flange superiore ed inferiore montate. L'utilizzo degli utensili singolarmente non è consentito su macchine ad avanzamento manuale. Il costruttore declina ogni responsabilità sull'uso improprio degli utensili.

Gruppo composto dagli utensili A e B e flange. Sono compresi solo i coltelli per la testa B.

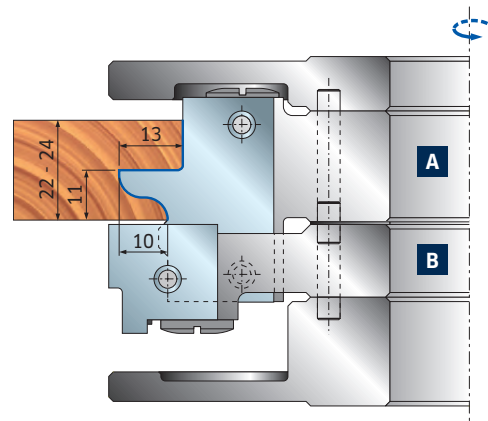
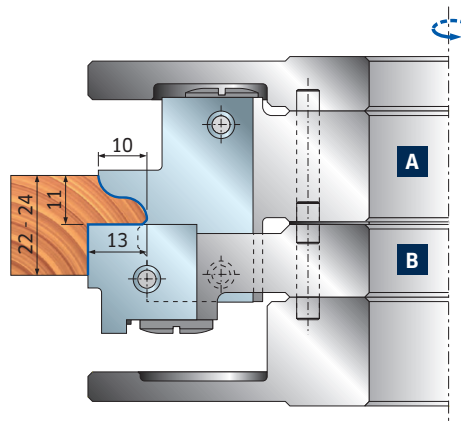
D mm	B mm	d* mm	Z	R	Max RPM 1/min.	Code Codice	SAP SAP
159		30	2+2	2	8.500	TP32M AA3	F03FC24452
159		35 (50)	2+2	2	8.500	TP32M AB3	F03FC20489

	Spare parts Parti di ricambio	Dimensions Dimensioni mm	Code Codice	SAP SAP
	Wedge / Cuneo	43 x 19 x 8,5	CN11M C410A	F03FC23536
	Grooving insert / Inserto per incastri	34 x 6 x 16	SR06MAB302	F03FC24191
	Screw / Vite	M10 x 18	VT03M CC9	F03FA04438
	Screw / Vite	M5 x 8	VT05M AA9	F03FA04444
	Screw / Vite	M6 x 13	VT16M AE9	F03FC20658
	Positioning plate / Piastrina di riscontro	22 x 1,7 x 19	VT18M GB9	F03FA04489
	Wedge / Cuneo	16 x 17 x 8	CN11M B160A	F03FC24539
	Chiave / Allen key	5 x 110	CB03M EA9	F03FA00169
	Torx key / Chiave Torx	T20	CB03M CC9	F03FA00167
	Upper flange / Flangia superiore	159 x 12 x 30	FX32M AA9	F03FC24578
	Lower flange / Flangia inferiore	159 x 24 x 30	FX32M BA9	F03FC24579
	Upper flange / Flangia superiore	159 x 12 x 35	FX32M AB9	F03FC15078
	Lower flange / Flangia inferiore	159 x 24 x 35	FX32M BB9	F03FC15079

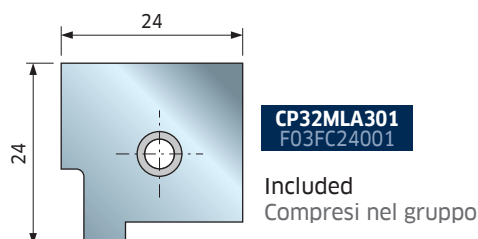
Carrying out a groove - Esecuzione con incastro



Carrying out a rebate - Esecuzione con battuta



KNIFE FOR / COLTELLO PER TP32M - B

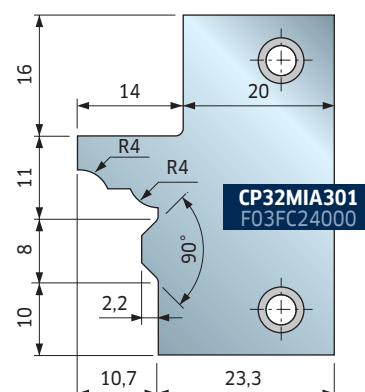
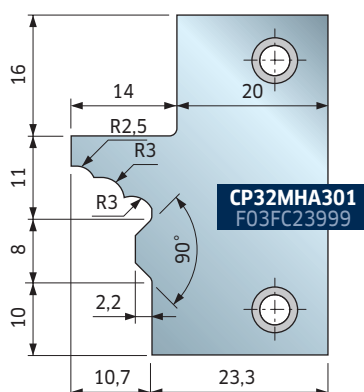
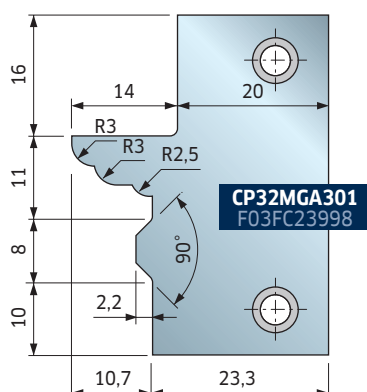
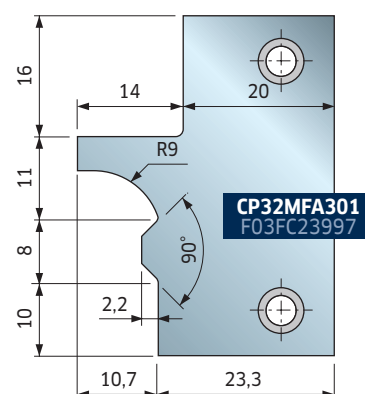
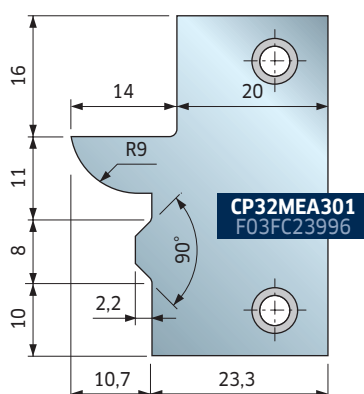
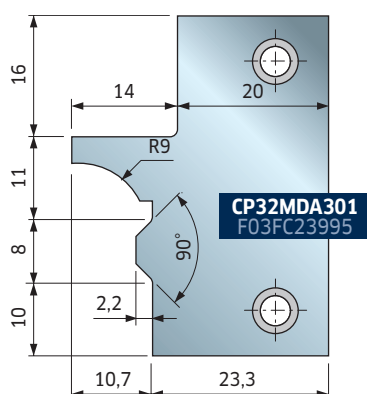
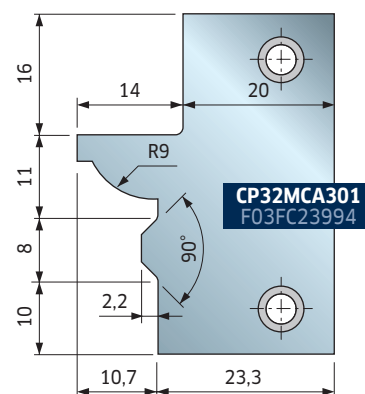
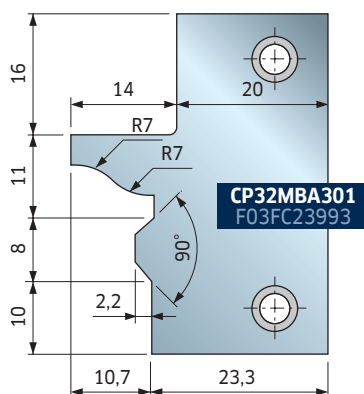
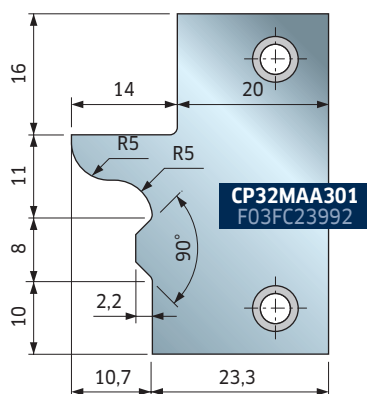


Spare knives Coltelli di ricambio	Dimensions Dimensioni mm	Code Codice	SAP SAP
Knife / Coltello	45 x 34 x 3	CP32MAA301	F03FC23992
Knife / Coltello	45 x 34 x 3	CP32MBA301	F03FC23993
Knife / Coltello	45 x 34 x 3	CP32MCA301	F03FC23994
Knife / Coltello	45 x 34 x 3	CP32MDA301	F03FC23995
Knife / Coltello	45 x 34 x 3	CP32MEA301	F03FC23996
Knife / Coltello	45 x 34 x 3	CP32MFA301	F03FC23997
Knife / Coltello	45 x 34 x 3	CP32MGA301	F03FC23998
Knife / Coltello	45 x 34 x 3	CP32MHA301	F03FC23999
Knife / Coltello	45 x 34 x 3	CP32MIA301	F03FC24000
Knife / Coltello	24 x 24 x 3	CP32MLA301	F03FC24001

INSERT FOR / INSERTO PER TP32M - B



KNIVES FOR / COLTELLI PER TP32M - A Not included - Da ordinare a parte





****Cutterheads AA3 - AB3 - AC3 and BA3 - BB3 - BC3 are supplied without knives.**

Cutterheads **TPSEM AA3 - AB3 - AC3** are used to produce cabinet doors with a **22 mm** thickness; cutterheads **TPSEM BA3 - BB3 - BC3** are used to produce cabinet doors with a **30 mm** thickness.

****Le teste portacoltelli AA3 - AB3 - AC3 e BA3 - BB3 - BC3 vengono fornite senza i coltelli.**

Le teste **TPSEM AA3 - AB3 - AC3** si utilizzano per la produzione di antine di spessore **22 mm**; le teste **TPSEM BA3 - BB3 - BC3** per la produzione di antine di spessore **30 mm**.

Cutterheads sets for cabinet doors (wood thickness: 22-30 mm) Gruppi di teste per antine (sp. legno: 22-30 mm)

The cutterhead set must be used exclusively with upper and lower flanges mounted. The use of each cutterhead as a singular piece is not consented on machines with manual feed. The constructor declines any responsibility for improper use.

Complete cabinet door sets with either 22 mm or 30 mm thickness.

This item comes in a practical carrying case.

Il gruppo di teste portacoltelli deve essere utilizzato esclusivamente con flange superiore ed inferiore montate. L'utilizzo degli utensili singolarmente non è consentito su macchine ad avanzamento manuale. Il costruttore declina ogni responsabilità sull'uso improprio degli utensili.

Gruppi completi per antine con spessori rispettivamente di 22 e 30 mm. Articoli forniti in valigetta.

D mm	B mm	d* mm	Z	R	Max RPM 1/min.	Code Codice	SAP SAP
160		30			8.000	TPSEM22GA3	F03FC23021
160		32			8.000	TPSEM22GC3	F03FC24432
160		35			8.000	TPSEM22GB3	F03FC20476
160		30			8.000	TPSEM30GA3	F03FC23024
160		32			8.000	TPSEM30GC3	F03FC24433
160		35			8.000	TPSEM30GB3	F03FC20477

Tools for TPSEM sets

Utensili per gruppi TPSEM

D mm	B mm	d* mm	Z	R	Code Codice	SAP SAP
22GA3	135	30	2		TPSEM DA3	F03FC22726
	152	30	2	4	TPSEM CA3	F03FC22725
	160	30	2	4	TPSEM AA3**	F03FC22723
22GB3	138	35	2		TPSEM DB3	F03FC20475
	152	35	2	4	TPSEM CB3	F03FC20474
	160	35	2	4	TPSEM AB3**	F03FC20472
22GC3	138	32	2		TPSEM DC3	F03FC24431
	152	32	2	4	TPSEM CC3	F03FC24430
	160	32	2	4	TPSEM AC3**	F03FC24428
30GA3	135	30	2		TPSEM DA3	F03FC22726
	152	30	2	4	TPSEM CA3	F03FC22725
	160	30	2	4	TPSEM BA3**	F03FC22724
30GB3	138	35	2		TPSEM DB3	F03FC20475
	152	35	2	4	TPSEM CB3	F03FC20474
	160	35	2	4	TPSEM BB3**	F03FC20473
30GC3	138	32	2		TPSEM DC3	F03FC24431
	152	32	2	4	TPSEM CC3	F03FC24430
	160	32	2	4	TPSEM BC3**	F03FC24429

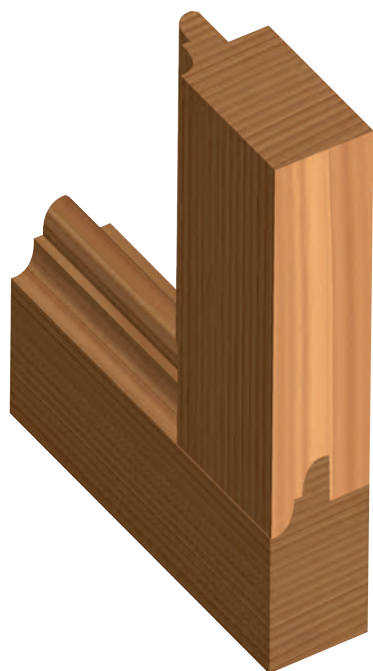
Knives for TPSEM sets

Coltelli per gruppi TPSEM

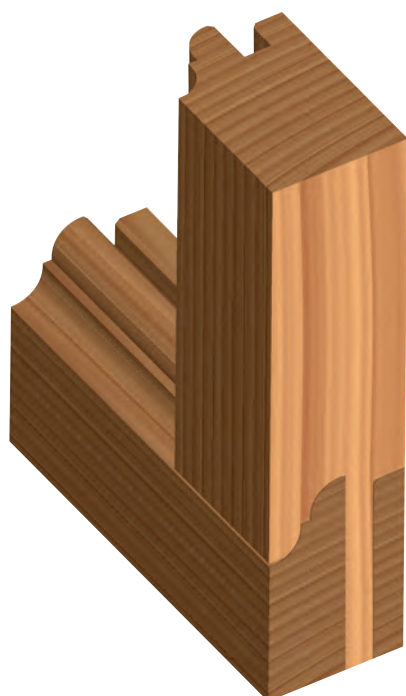
	Spare knives Coltelli di ricambio	Dimensions Dimensioni mm	Code Codice	SAP SAP
	Knife / Coltello	35 x 34 x 3	CPSEMAB301	F03FC23924
	Knife / Coltello	35 x 34 x 3	CPSEMAC301	F03FC23925
	Knife / Coltello	35 x 34 x 3	CPSEMAD301	F03FC23926
	Knife / Coltello	35 x 34 x 3	CPSEMAE301	F03FC23927
	Knife / Coltello	35 x 34 x 3	CPSEMAF301	F03FC23928
	Knife / Coltello	35 x 34 x 3	CPSEMAG301	F03FC23929
	Knife / Coltello	35 x 34 x 3	CPSEMBB301	F03FC23930
	Knife / Coltello	35 x 34 x 3	CPSEMBBC301	F03FC23931
	Knife / Coltello	35 x 34 x 3	CPSEMBC301	F03FC23932
	Knife / Coltello	35 x 34 x 3	CPSEMBE301	F03FC23933
	Knife / Coltello	35 x 34 x 3	CPSEMBF301	F03FC23934
	Knife / Coltello	35 x 34 x 3	CPSEMBG301	F03FC23935
	Knife / Coltello	20 x 24 x 3	CPSEMCA301	F03FC23936
	Knife / Coltello	17 x 24 x 3	CPSEMDA301	F03FC23937

Cutterheads sets for cabinet doors (wood thickness: 22-30 mm) Gruppi di teste per antine (sp. legno: 22-30 mm)

Spare parts for cutterheads TPSEM Parti di ricambio per teste TPSEM



	Spare parts Parti di ricambio	Dimensions Dimensioni mm	Code Codice	SAP SAP
AA3-AB3-AC3	Deflector / Deflettore	30,8 x 7 x 24,5	ID04MSAA901	F03FC24137
	Grooving insert / Inserto per incastri	40 x 16 x 4	IG04MSAA305	F03FH02994
	Positioning plate / Piastra riscontro	34 x 4 x 16	SR06MDAL302	F03FC24196
	Screw / Vite	M10 x 18	VT03M CC9	F03FA04438
	Screw / Vite	M5 x 8	VT05M AA9	F03FA04444
	Screw for: / Vite per: ID04M	M4 x 12	VT05M DA9	F03FC20647
	Screw / Vite	M6 x 14,5	VT16M AA9	F03FA04476
	Screw / Vite	M6 x 13	VT16M AE9	F03FC20658
BA3-BB3-BC3	Positioning plate / Piastra riscontro	20 x 11,6 x 2,2	VT18M AS9	F03FC20665
	Deflector / Deflettore	30,8 x 8 x 24,5	ID04MSAD901	F03FC24140
	Grooving insert / Inserto per incastri	40 x 16 x 6	IG04MSAD305	F03FH02997
	Spur insert / Inserto rasante	34 x 4 x 16	SR06MDAL302	F03FC24196
	Screw / Vite	M10 x 18	VT03M CC9	F03FA04438
	Screw / Vite	M5 x 8	VT05M AA9	F03FA04444
	Screw for: / Vite per: ID04M	M4 x 12	VT05M DA9	F03FC20647
	Screw / Vite	M6 x 15,5	VT16M AD9	F03FC20657
CA3-CB3 CC3	Screw / Vite	M6 x 13	VT16M AE9	F03FC20658
	Positioning plate / Piastra riscontro	20 x 11,6 x 2,2	VT18M AS9	F03FC20665
	Wedge / Cuneo	16 x 17 x 8	CN11M B160A	F03FC24539
	Knife / Coltello	20 x 24 x 3	CPSEMCA301	F03FC23936
	Spur / Rasante	22,86 x 2,5	RG02MAA305	F03FH03041
	Screw / Vite	M10 x 18	VT03M CC9	F03FA04438
	Screw / Vite	M5 x 8	VT05M AA9	F03FA04444
	Wedge / Cuneo	16 x 17 x 8	CN11M B130A	F03FC01348
DA3-DB3 DC3	Knife / Coltello	17 x 24 x 3	CPSEMDA301	F03FC23937
	Screw / Vite	M10 x 18	VT03M CC9	F03FA04438
	Screw / Vite	M5 x 8	VT05M AA9	F03FA04444
	Positioning plate / Piastra riscontro	20 x 11,6 x 2,2	VT18M AR9	F03FC20664

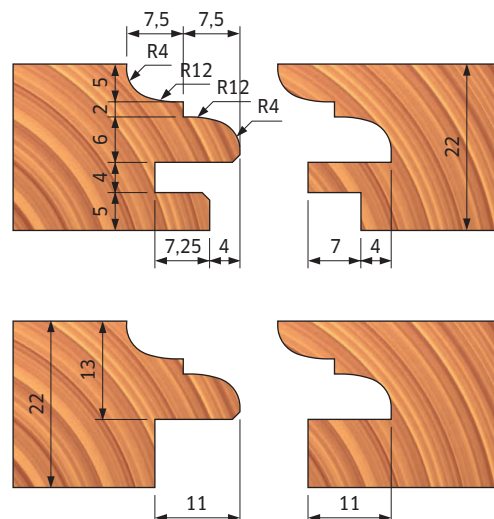
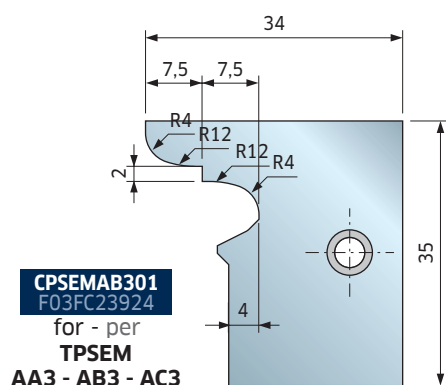


Spare parts for sets TPSEM22 - TPSEM30 Parti di ricambio per gruppi TPSEM22 - TPSEM30

	Spare parts Parti di ricambio	Dimensions Dimensioni mm	Code Codice	SAP SAP
	Torx key / Chiave Torx	T20	CB03M CC9	F03FA00167
	Allen key / Chiave	4 x 110	CB03M BA9	F03FA00163
	Allen key / Chiave	5 x 110	CB03M EA9	F03FA00169
22GA3	Spacer set / Set anelli	50 x 6,7 x 30	AN03M BM9	F03FC23022
	Upper flange / Flangia superiore	152 x 13,6 x 30	FXSEM AA9	F03FC23019
	Lower flange / Flangia inferiore	152 x 28 x 30	FXSEM BA9	F03FC23020
22GB3	Spacer set / Set anelli	55 x 6,7 x 35	AN03M BK9	F03FC00463
	Upper flange / Flangia superiore	152 x 13,6 x 35	FXSEM AB9	F03FC15029
	Lower flange / Flangia inferiore	152 x 28 x 35	FXSEM BB9	F03FC15030
22GC3	Spacer set / Set anelli	52 x 6,7 x 32	AN03M BO9	F03FC24434
	Upper flange / Flangia superiore	152 x 13,6 x 32	FXSEM AC9	F03FC24436
	Lower flange / Flangia inferiore	152 x 28 x 32	FXSEM BC9	F03FC24437
30GA3	Spacer set / Set anelli	50 x 7,7 x 30	AN03M BN9	F03FC23023
	Upper flange / Flangia superiore	152 x 13,6 x 30	FXSEM AA9	F03FC23019
	Lower flange / Flangia inferiore	152 x 28 x 30	FXSEM BA9	F03FC23020
30GB3	Spacer set / Set anelli	55 x 7,7 x 35	AN03M BL9	F03FC00464
	Upper flange / Flangia superiore	152 x 13,6 x 35	FXSEM AB9	F03FC15029
	Lower flange / Flangia inferiore	152 x 28 x 35	FXSEM BB9	F03FC15030
30GC3	Spacer set / Set anelli	52 x 7,7 x 32	AN03M BP9	F03FC24435
	Upper flange / Flangia superiore	152 x 13,6 x 32	FXSEM AC9	F03FC24436
	Lower flange / Flangia inferiore	152 x 28 x 32	FXSEM BC9	F03FC24437

CPSEMAB301

Knives for TPSEM AA3 - AB3 - AC3 (wood thickness: 22 mm)
Coltelli per TPSEM AA3 - AB3 - AC3 (spessore legno: 22 mm)

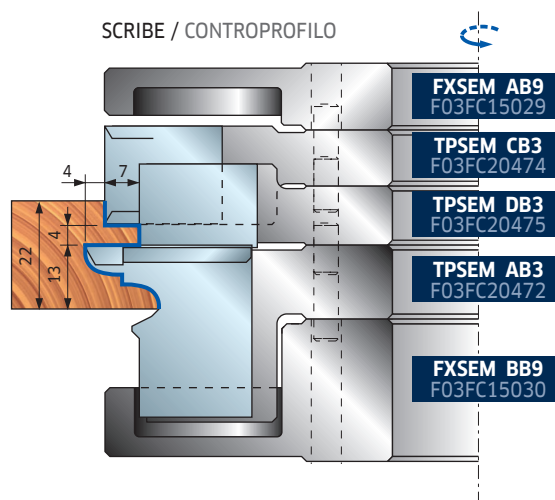
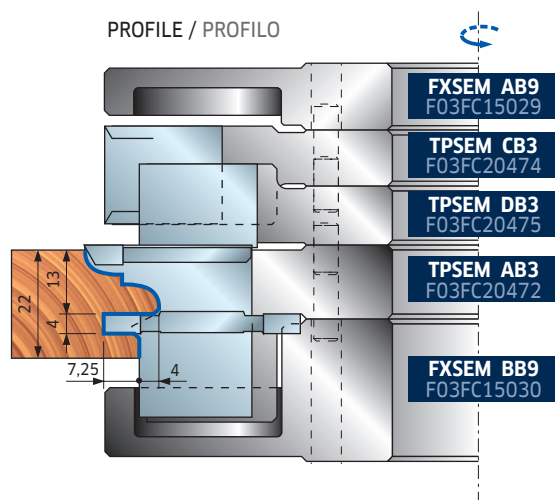
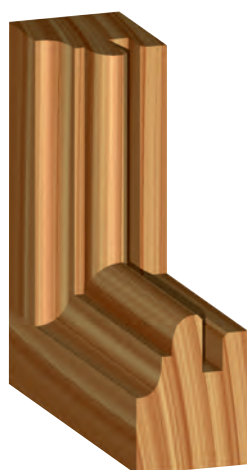


Order example for the profiles shown

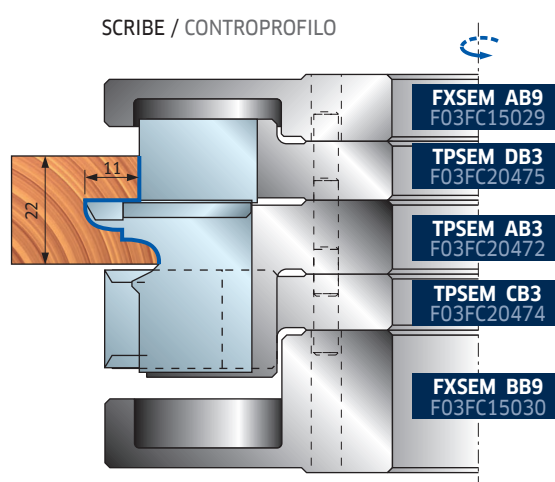
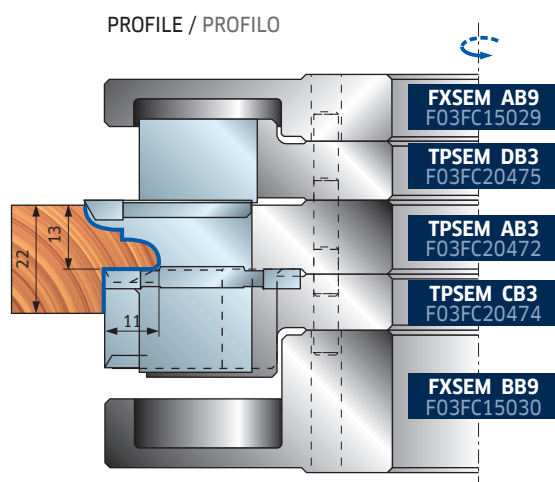
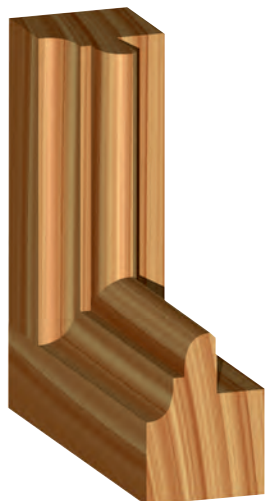
Esempio di ordinazione per l'esecuzione dei profili indicati

Pieces Pezzi	Dimensions Dimensioni mm	Code Codice	SAP SAP
1	160 x 35	TPSEM22GB3	F03FC20476
2	35 x 34 x 3	CPSEM AB3	F03FC01457

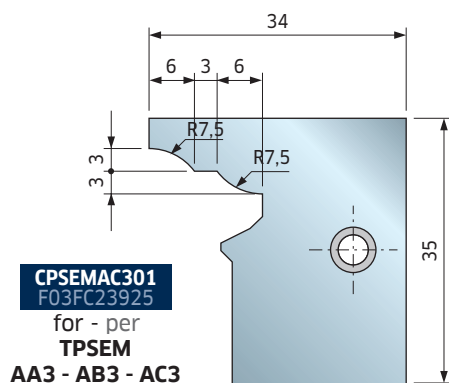
Carrying out a groove
Esecuzione con incastro



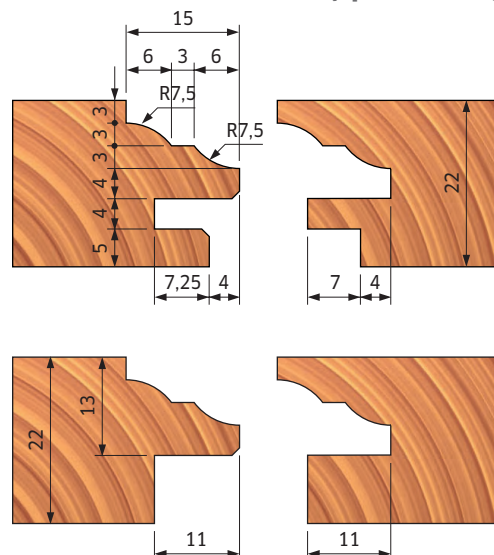
Carrying out a rebate
Esecuzione con battuta



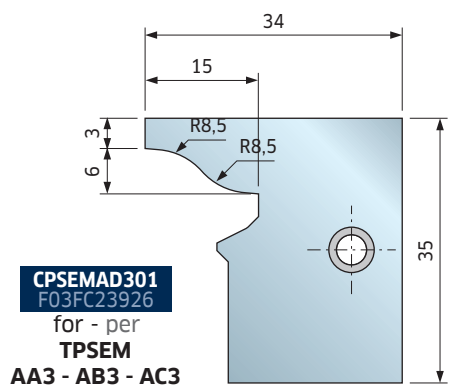
CPSEMAC301



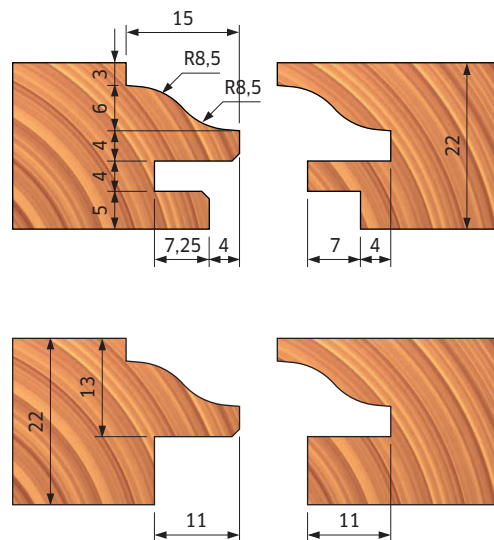
Knives for TPSEM AA3 - AB3 - AC3 (wood thickness: 22 mm)
Coltelli per TPSEM AA3 - AB3 - AC3 (spessore legno: 22 mm)



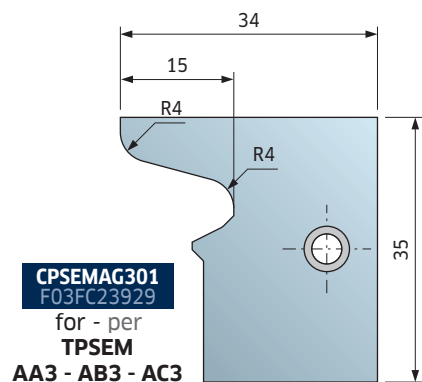
CPSEMAC301



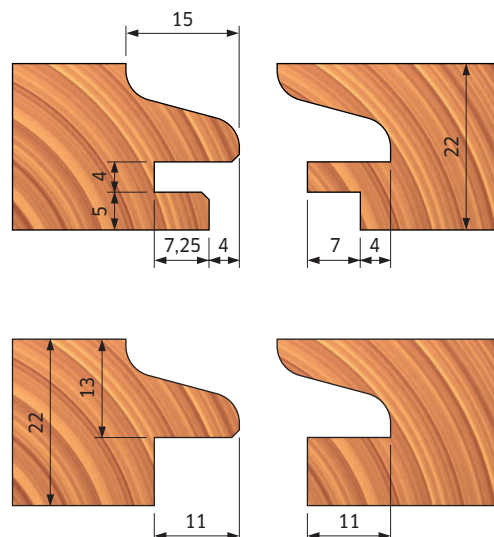
Knives for TPSEM AA3 - AB3 - AC3 (wood thickness: 22 mm)
Coltelli per TPSEM AA3 - AB3 - AC3 (spessore legno: 22 mm)



CPSEMAG301

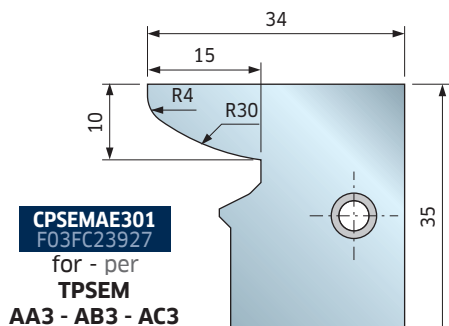
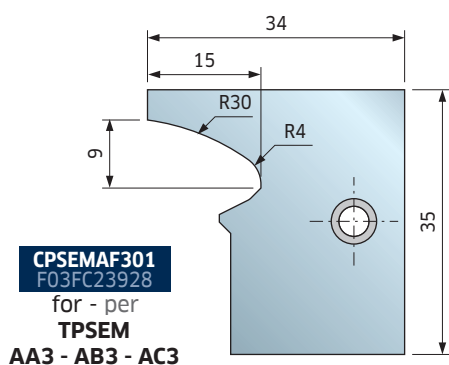


Knives for TPSEM AA3 - AB3 - AC3 (wood thickness: 22 mm)
Coltelli per TPSEM AA3 - AB3 - AC3 (spessore legno: 22 mm)

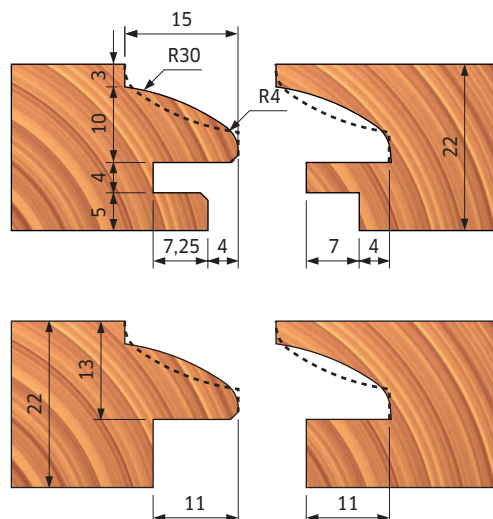


CPSEMAF301 - CPSEMAE301 CPSEMAE301 - CPSEMAF301

Knives for TPSEM AA3 - AB3 - AC3 (wood thickness: 22 mm)
Coltelli per TPSEM AA3 - AB3 - AC3 (spessore legno: 22 mm)

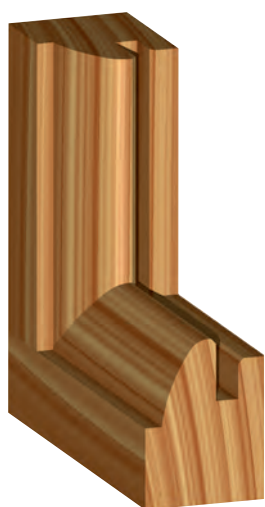


Carrying out a groove
Esecuzione con incastro

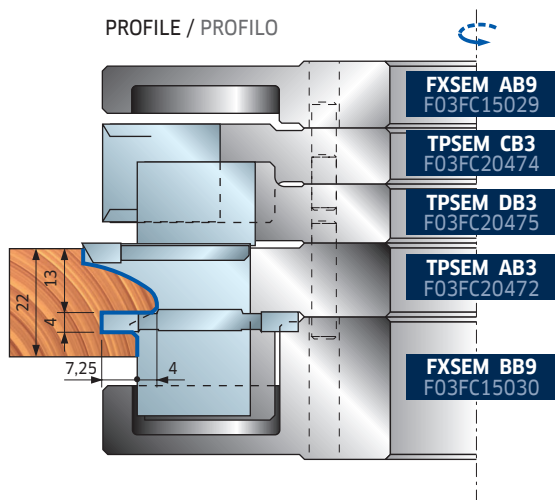


Order example for the profiles shown
Esempio di ordinazione per l'esecuzione dei profili indicati

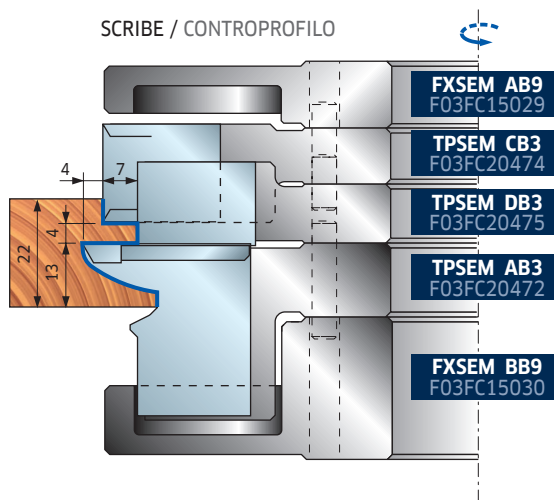
Pieces Pezzi	Dimensions Dimensioni mm	Code Codice	SAP SAP
1	160 x 35	TPSEM22GB3	F03FC20476
2	35 x 34 x 3	CPSEMAE301	F03FC23927
2	35 x 34 x 3	CPSEMAF301	F03FC23928



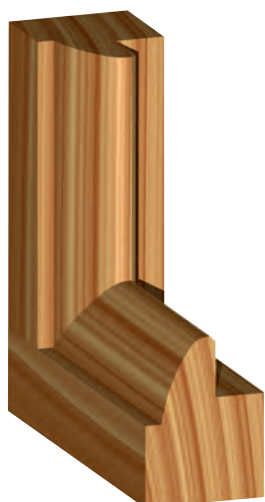
PROFILE / PROFILO



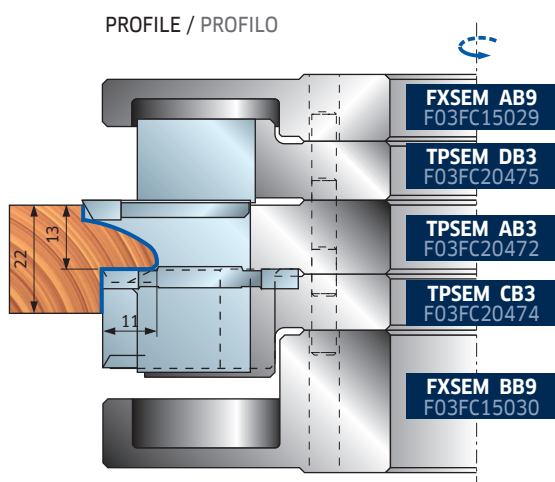
SCRIBE / CONTROPROFILO



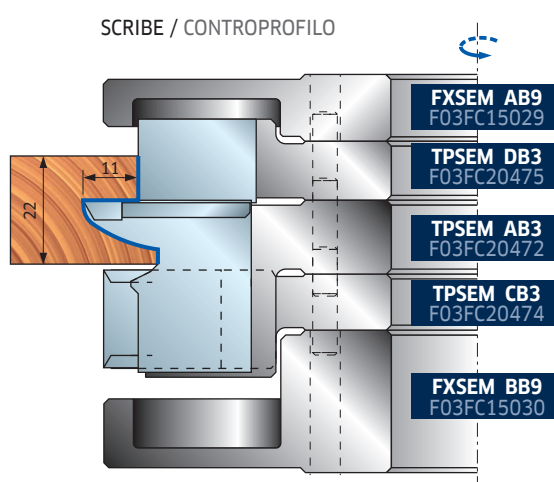
Carrying out a rebate
Esecuzione con battuta



PROFILE / PROFILO

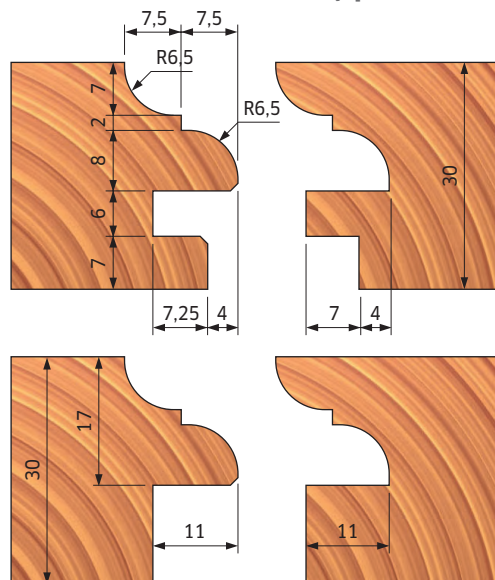
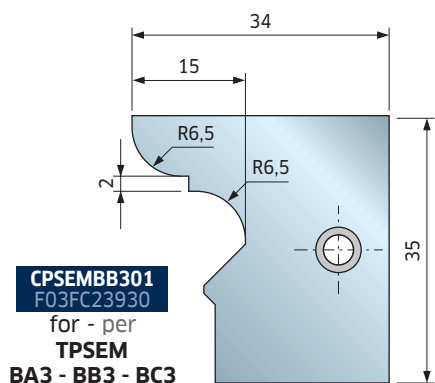


SCRIBE / CONTROPROFILO



CPSEMBB301

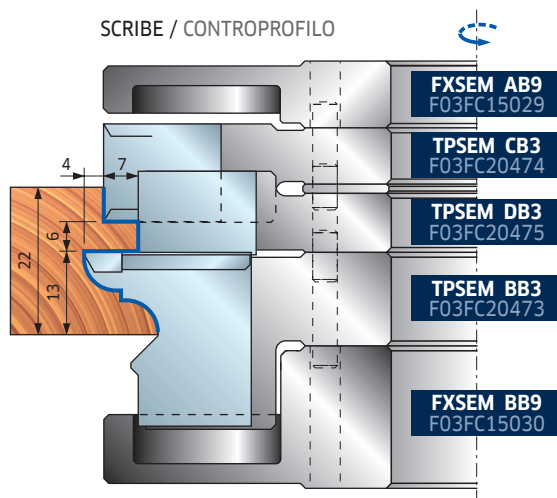
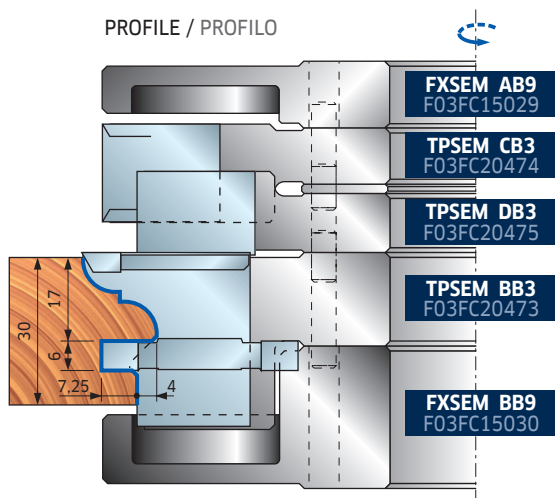
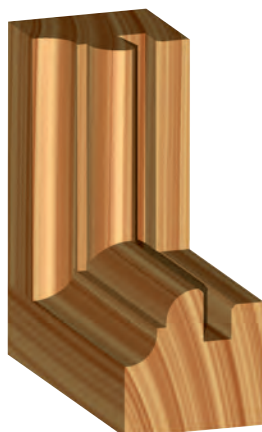
Knives for TPSEM BA3 - BB3 - BC3 (wood thickness: 30 mm)
Coltelli per TPSEM BA3 - BB3 - BC3 (spessore legno: 30 mm)



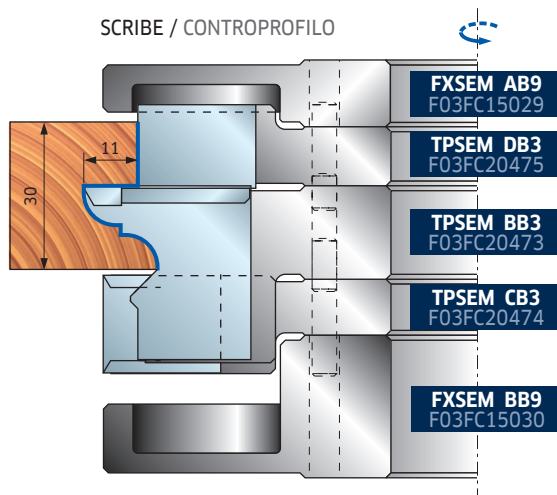
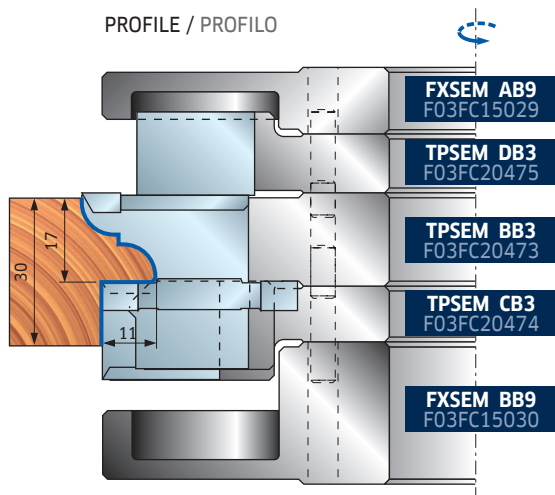
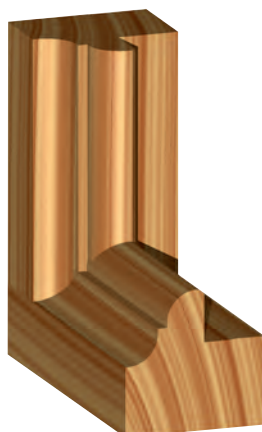
Order example for the profiles shown
Esempio di ordinazione per l'esecuzione dei profili indicati

Pieces Pezzi	Dimensions Dimensioni mm	Code Codice	SAP SAP
1	160 x 35	TPSEM22GB3	F03FC20476
2	35 x 34 x 3	CPSEMAE301	F03FC23927
2	35 x 34 x 3	CPSEMAF301	F03FC23928

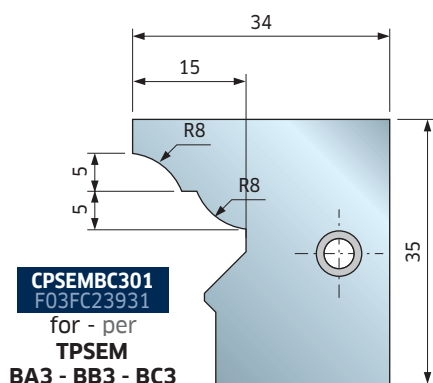
Carrying out a groove
Esecuzione con incastro



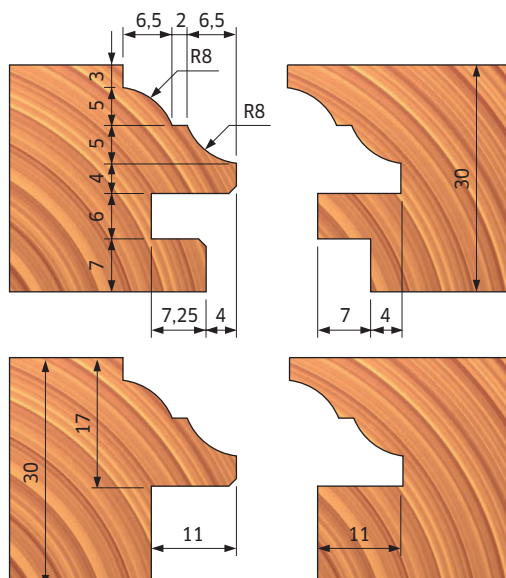
Carrying out a rebate
Esecuzione con battuta



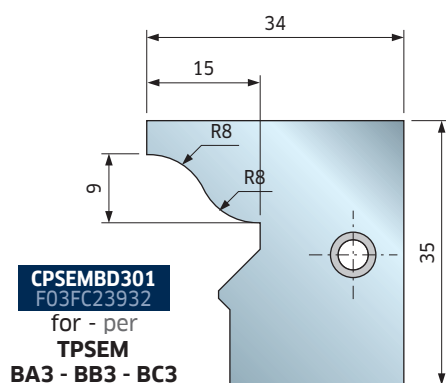
CPSEMBC301



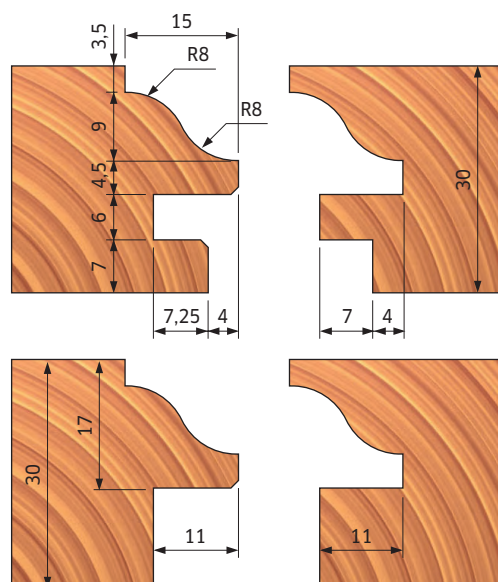
Knives for TPSEM BA3 - BB3 - BC3 (wood thickness: 30 mm)
Coltelli per TPSEM BA3 - BB3 - BC3 (spessore legno: 30 mm)



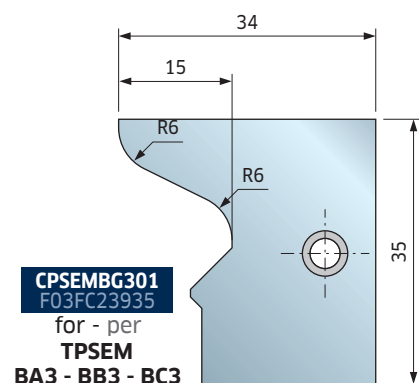
CPSEMBD301



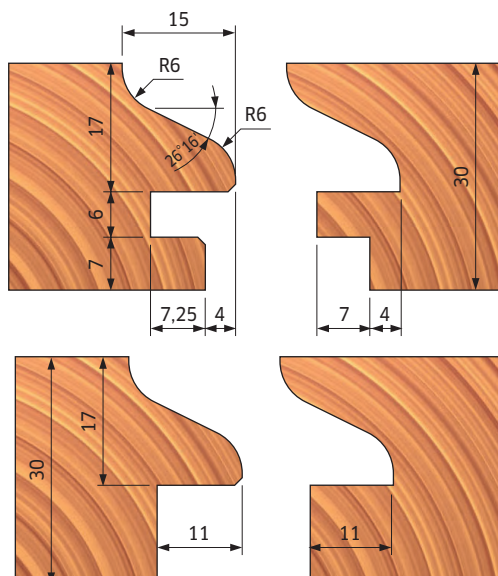
Knives for TPSEM BA3 - BB3 - BC3 (wood thickness: 30 mm)
Coltelli per TPSEM BA3 - BB3 - BC3 (spessore legno: 30 mm)



CPSEMBG301

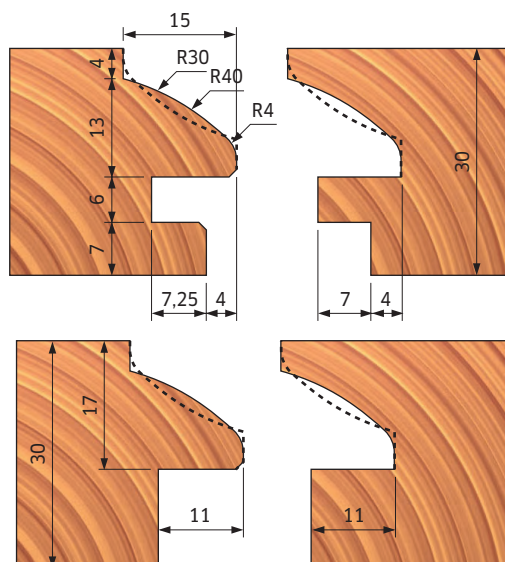
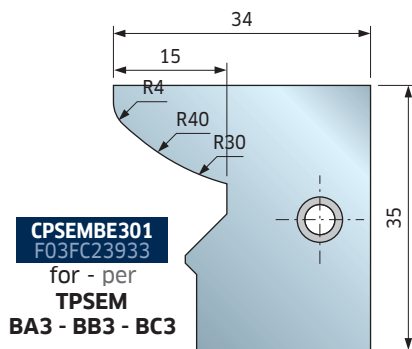
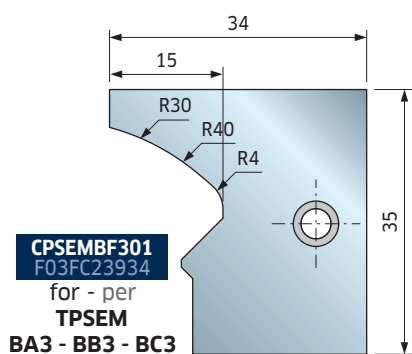


Knives for TPSEM BA3 - BB3 - BC3 (wood thickness: 30 mm)
Coltelli per TPSEM BA3 - BB3 - BC3 (spessore legno: 30 mm)



CPSEMBF301 - CPSEMBE301 CPSEMBE301 - CPSEMBF301

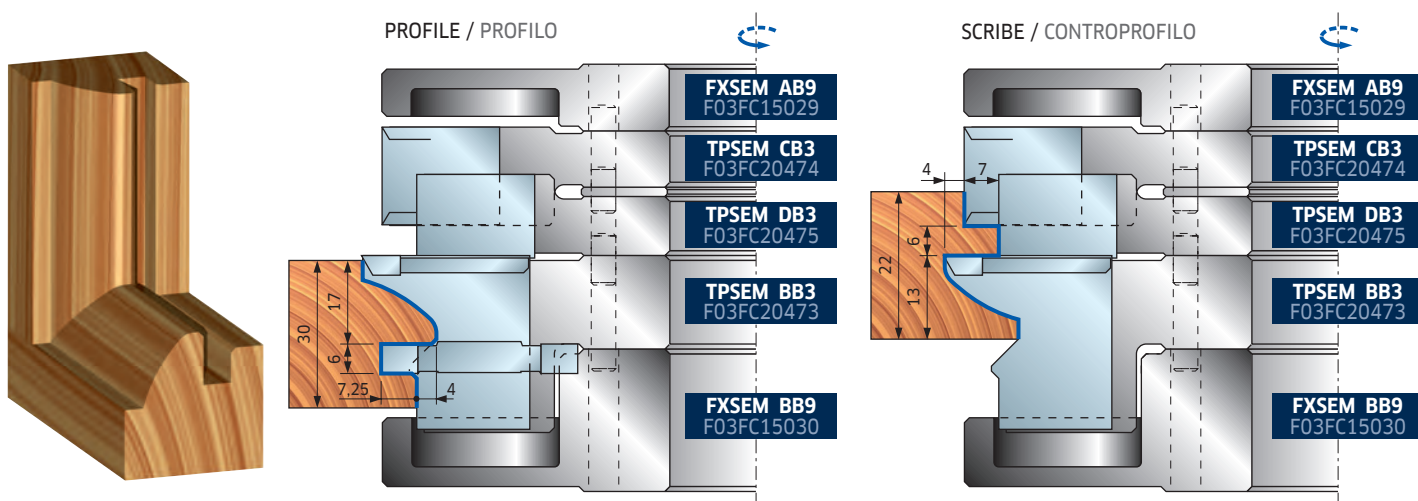
Knives for TPSEM BA3 - BB3 - BC3 (wood thickness: 30 mm)
Coltelli per TPSEM BA3 - BB3 - BC3 (spessore legno: 30 mm)



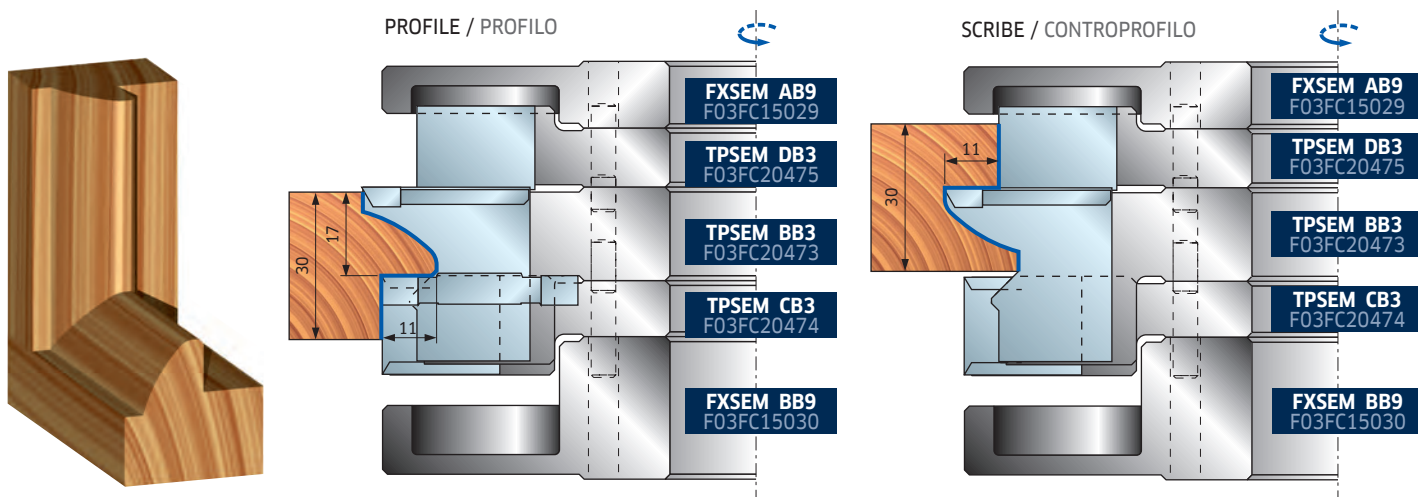
Order example for the profiles shown
Esempio di ordinazione per l'esecuzione dei profili indicati

Pieces Pezzi	Dimensions Dimensioni mm	Code Codice	SAP SAP
1	160 x 35	TPSEM30GB3	F03FC20477
2	35 x 34 x 3	CPSEMBE301	F03FC23933
2	35 x 34 x 3	CPSEMBF301	F03FC23934

Carrying out a groove
Esecuzione con incastro



Carrying out a rebate
Esecuzione con battuta



freud.

freud S.p.A.
Società Unipersonale
Via Padova, 3
33010 Tavagnacco (UD) IT
Tél. +39 0432 551411
Fax +39 0432 551440
info@freud.it
www.freud.it

DISTRIBUTER ZA SRBIJU
GATECH
DUČEVAC 15 - 11260 UMKA - SRBIJA
☎ 011/802-70-70 ✉ info@gatech.rs
www.gatech.rs