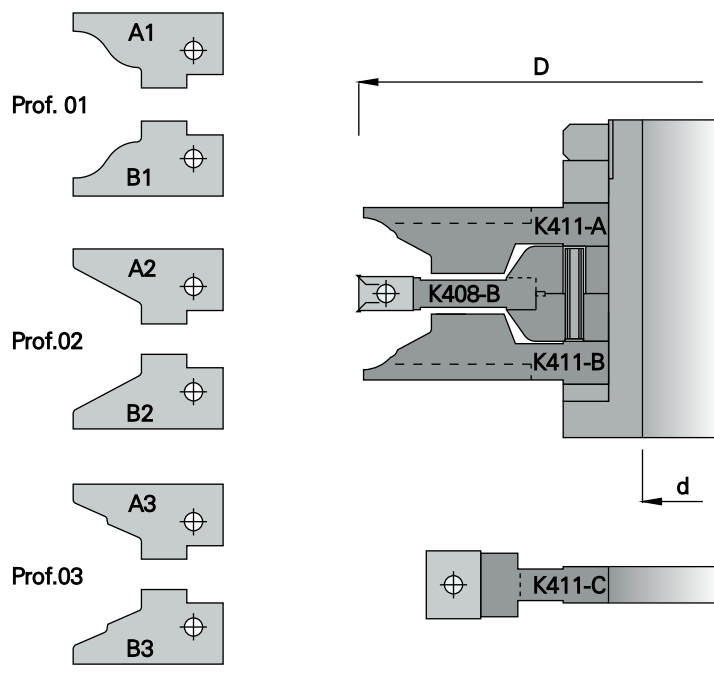




HW

MAN

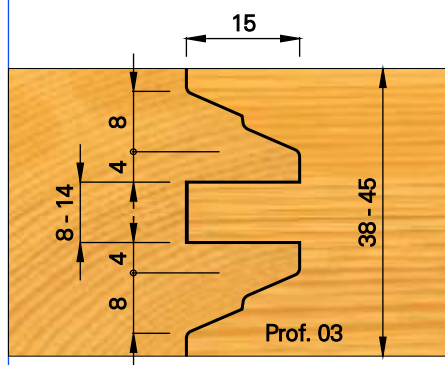
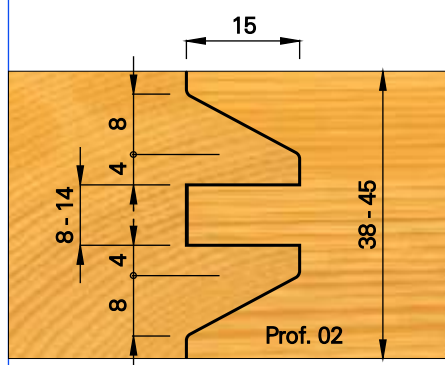
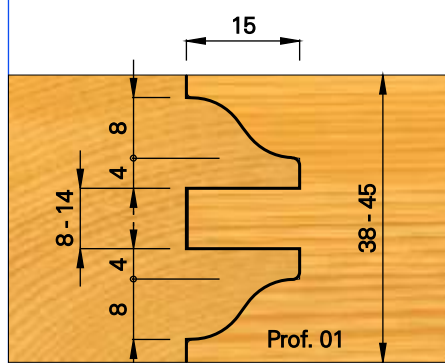
n 4800 - 8300



SET COMPLETO DI INSERTI PER PROFILI 01 - 02 - 03.

D	d	Z	COD. SET
160	30	2	K411013000
160	31.75	2	K411013100
160	35	2	K411013500
160	40	2	K411014000
160	50*	2	K411015000

* Senza mozzo / Without sleeve / Sans manchon / Sin casquillo / Ohne Spannbuchse.

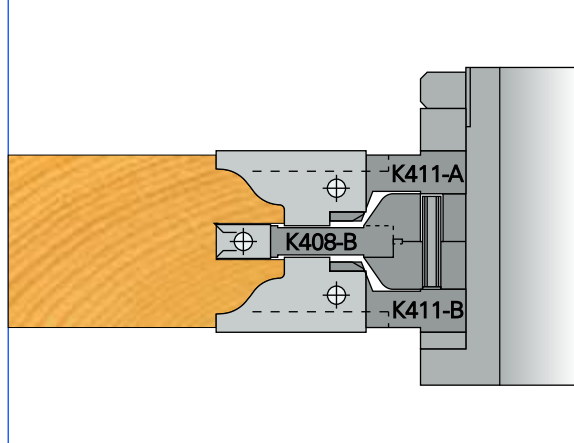
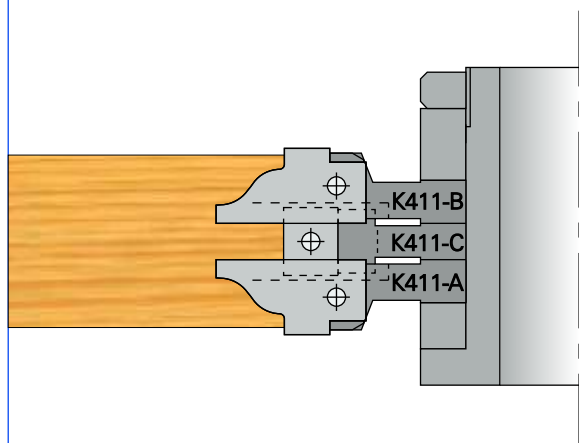


ART.	D	COD.
K408 - B	160	K408160850
K411 - A**	160	K411A05000
K411 - B**	160	K411B05000
K411 - C	130.4	K411C05000

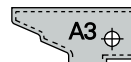
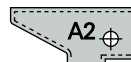
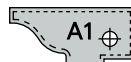
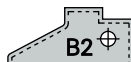
** Senza inserti / Without inserts / Sans plaquettes / Sin cuchillas / Ohne Messer.



ESEMPIO DI LAVORAZIONE.



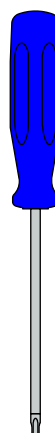
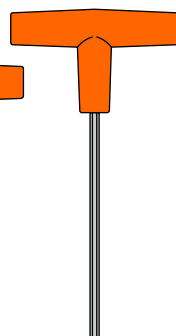
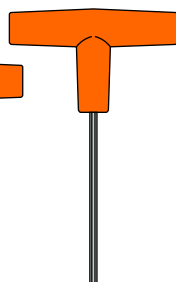
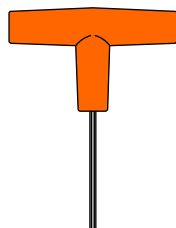
Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.
0480030014	0480050007	0480050015	K48011B100	K48011B200	K48011B300	K48011A100	K48011A200	K48011A300



COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.
0480500700	0480501300	048053132R	048053132L	048060A000	048060C000	0480700512	0480700612	0480700820



COD.	COD.	COD.	COD.	COD.	COD.
048074A507	048073B000	0480782500	0480783000	048078L400	048078T200



Multiprofile cutter head set for internal doors.



Juego de cabezales multiperfiles para puertas.



Jeu de porte - outils multiprofiles pour portes.



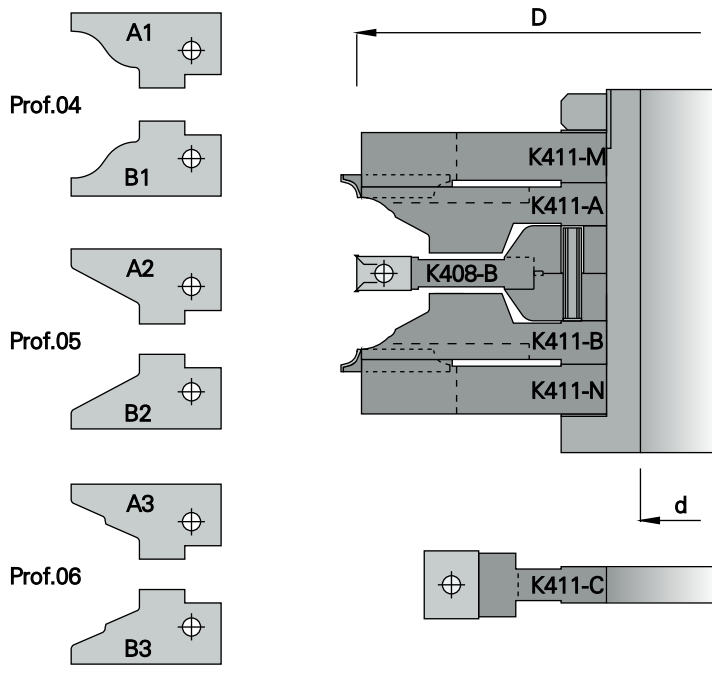
Multi - Profiler Messerkopfsatz für Innentüren.



HW

MAN

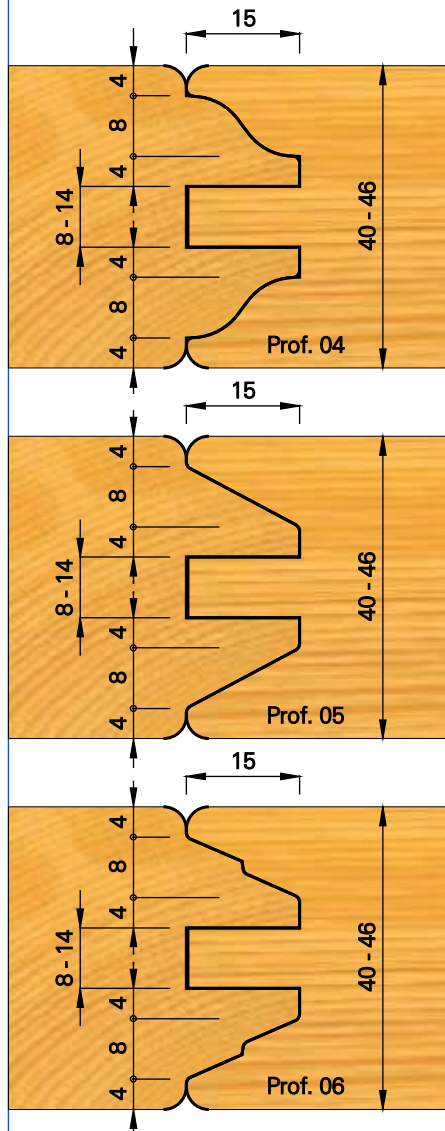
n 4800 - 8300



SET COMPLETO DI INSERTI PER PROFILI 04 - 05 - 06.

D	d	Z	COD.	45°	R 1.5	R 3
160	30	2	K411023045	K4110230R1	K4110230R3	
160	31.75	2	K411023145	K4110231R1	K4110231R3	
160	35	2	K411023545	K4110235R1	K4110235R3	
160	40	2	K411024045	K4110240R1	K4110240R3	
160	50*	2	K411025045	K4110250R1	K4110250R3	

* Senza mozzo / Without sleeve / Sans manchon / Sin casquillo / Ohne Spannbuchse.

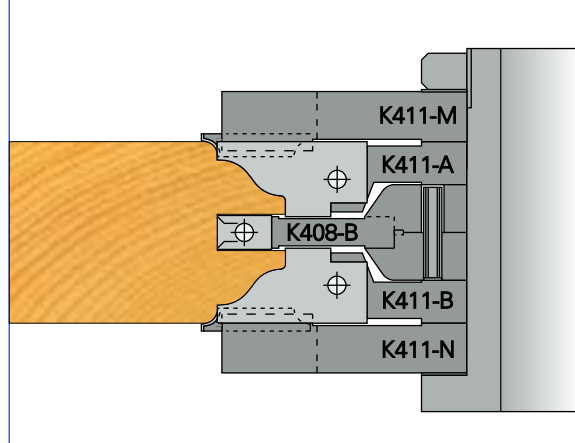
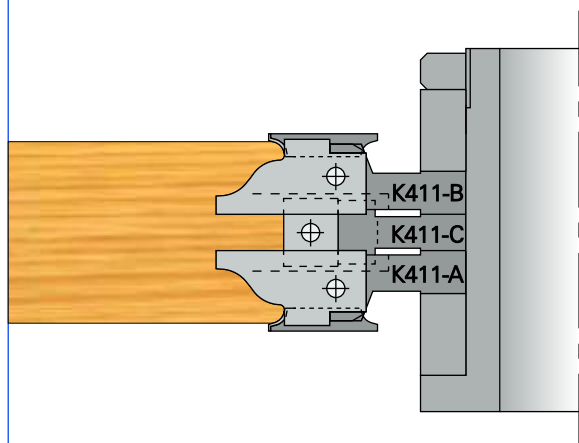


ART.	D	COD.	45°	R 1.5	R 3
K408 - B	160	K408160850	K408160850	K408160850	
K411 - A**	160	K411A05045	K411A050R1	K411A050R3	
K411 - B**	160	K411B05045	K411B050R1	K411B050R3	
K411 - C	130.4	K411C05000	K411C05000	K411C05000	
K411 - M	160	K411M05045	K411M050R1	K411M050R3	
K411 - N	160	K411N05045	K411N050R1	K411N050R3	

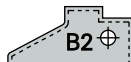
** Senza inserti / Without inserts / Sans plaquettes / Sin cuchillas / Ohne Messer.



ESEMPIO DI LAVORAZIONE.



Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.

COD.

COD.

COD.

COD.

COD.

COD.

COD.

COD.

0480030014

0480050007

0480050015

K48011B100

K48011B200

K48011B300

K48011A100

K48011A200

K48011A300



COD.

COD.

COD.

COD.

COD.

COD.

COD.

COD.

COD.

0480500700

0480501300

048053132R

048053132L

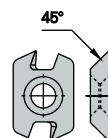
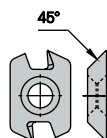
048060A000

048060C000

0480700512

0480700612

0480700820



COD.

COD.

COD.

COD.

COD.

COD.

048074A507

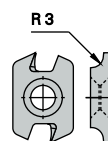
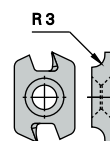
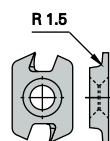
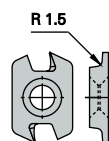
048074B512

048074B515

048073B000

K480110000

K480120000



COD.

COD.

COD.

COD.

COD.

COD.

COD.

COD.

K480130000

K480140000

K480150000

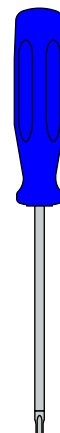
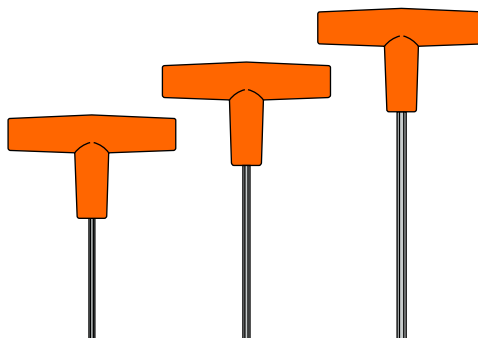
K480160000

0480782500

0480783000

048078L400

048078T200



Multiprofile cutter head set for internal doors.



Juego de cabezales multiperfiles para puertas.



Jeu de porte - outils multiprofiles pour portes.



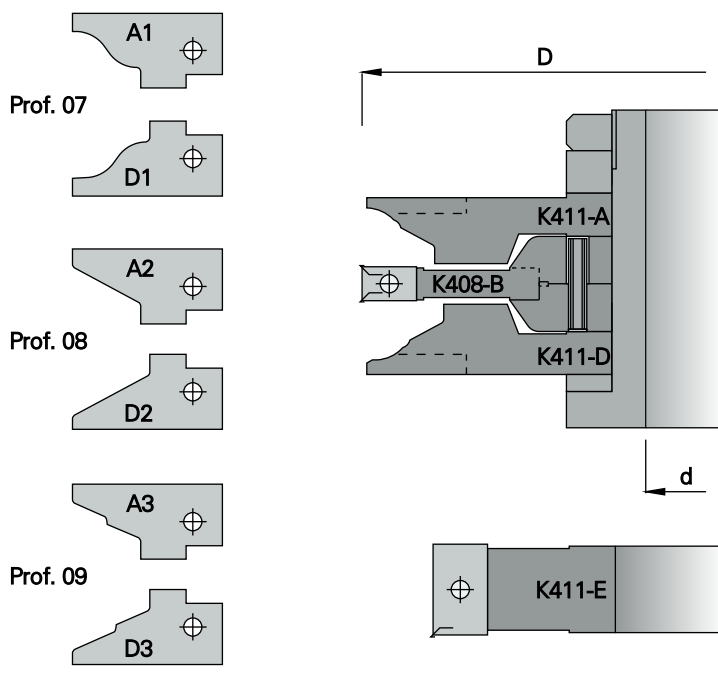
Multi - Profiler Messerkopfsatz für Innentüren.



HW

MAN

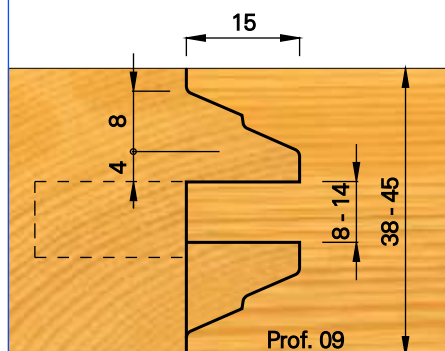
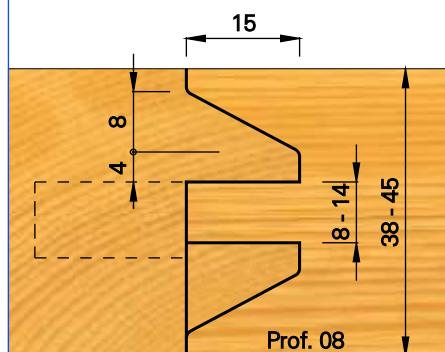
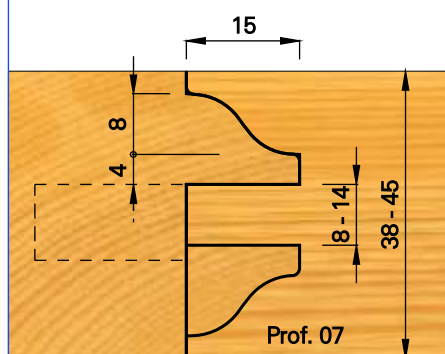
n 4800 - 8300



SET COMPLETO DI INSERTI PER PROFILI 07 - 08 - 09.

D	d	Z	COD. SET
160	30	2	K411033000
160	31.75	2	K411033100
160	35	2	K411033500
160	40	2	K411034000
160	50*	2	K411035000

* Senza mozzo / Without sleeve / Sans manchon / Sin casquillo / Ohne Spannbuchse.

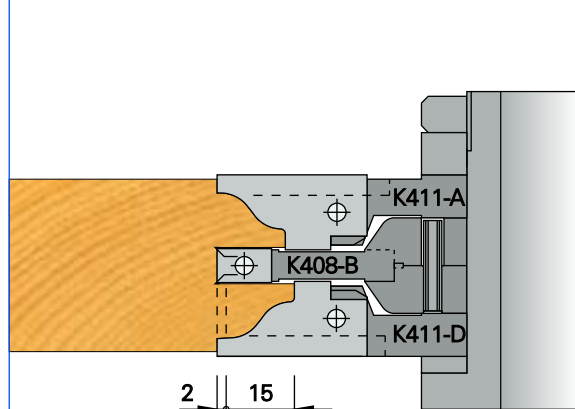
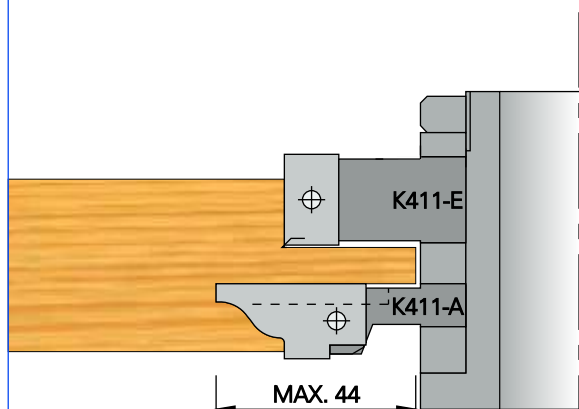


ART.	D	COD.
K408 - B	160	K408160850
K411 - A**	160	K411A05000
K411 - D**	160	K411D05000
K411 - E	130	K411E05000

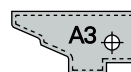
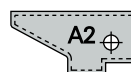
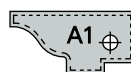
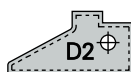
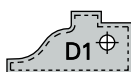
** Senza inserti / Without inserts / Sans plaquettes / Sin cuchillas / Ohne Messer.



ESEMPIO DI LAVORAZIONE.



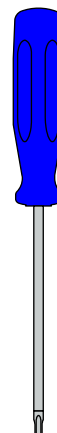
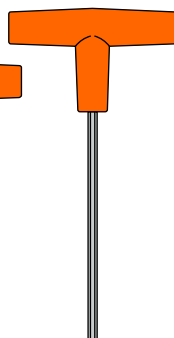
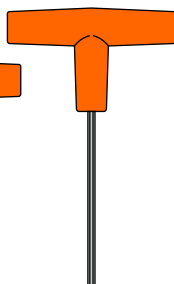
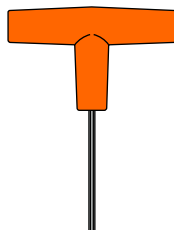
Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.
0480030014	0480050007	0480050020	K48011D100	K48011D200	K48011D300	K48011A100	K48011A200	K48011A300



COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.
0480500700	0480501800	048053132R	048053132L	048060A000	048060C000	0480700512	0480700612	0480700820



COD.	COD.	COD.	COD.	COD.	COD.	COD.
048074A507	048074A510	048073B000	0480782500	0480783000	048078L400	048078T200



Multiprofile cutter head set for internal doors.



Juego de cabezales multiperfiles para puertas.



Jeu de porte - outils multiprofiles pour portes.



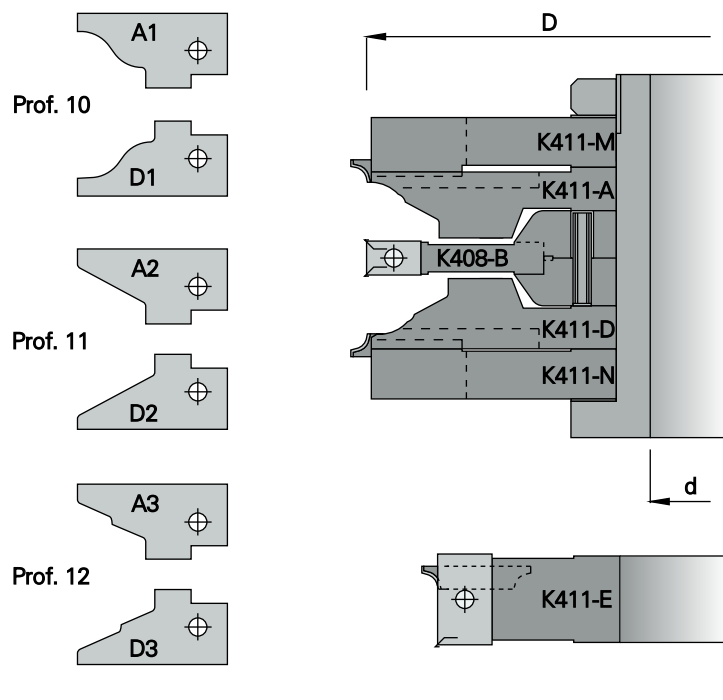
Multi - Profiler Messerkopfsatz für Innentüren.



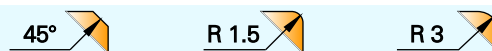
HW

MAN

n 4800 - 8300

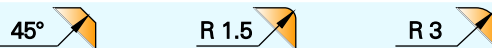


SET COMPLETO DI INSERTI PER PROFILI 10 - 11- 12.



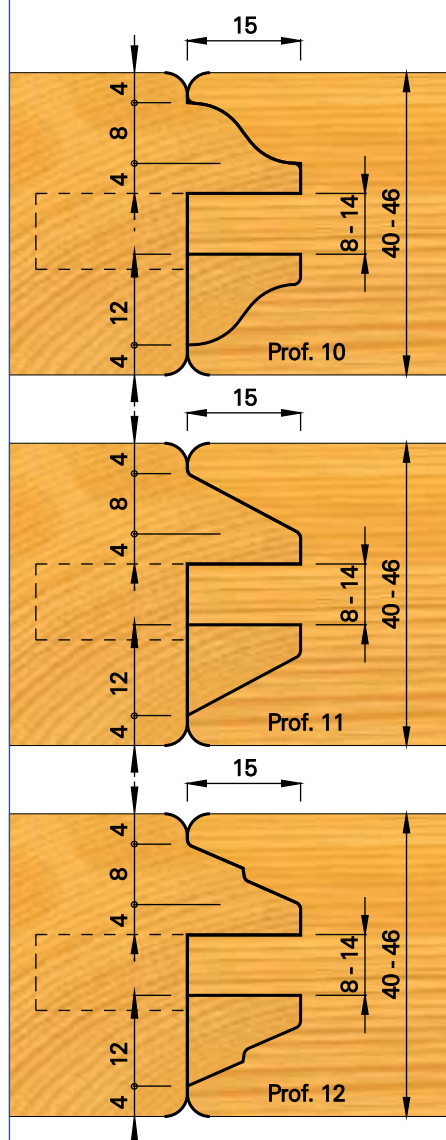
D	d	Z	COD.	COD.	COD.
160	30	2	K411043045	K4110430R1	K4110430R3
160	31.75	2	K411043145	K4110431R1	K4110431R3
160	35	2	K411043545	K4110435R1	K4110435R3
160	40	2	K411044045	K4110440R1	K4110440R3
160	50*	2	K411045045	K4110450R1	K4110450R3

* Senza mozzo / Without sleeve / Sans manchon / Sin casquillo / Ohne Spannbuchse.



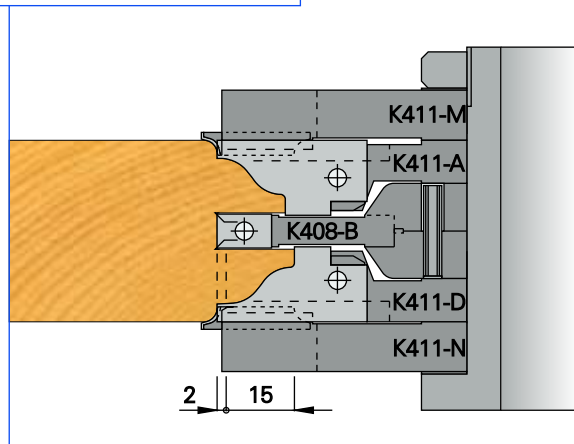
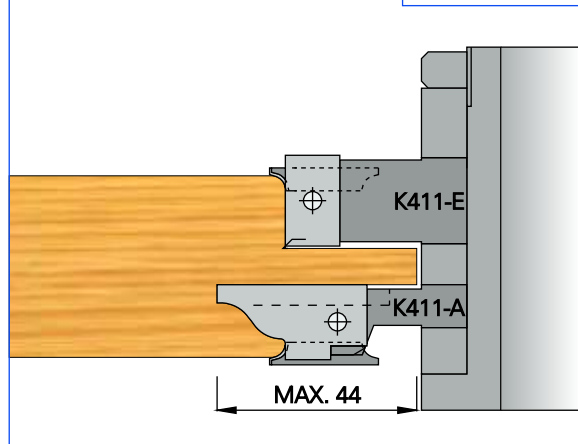
ART.	D	COD.	COD.	COD.
K408 - B	160	K408160850	K408160850	K408160850
K411 - A**	160	K411A05045	K411A050R1	K411A050R3
K411 - D**	160	K411D05000	K411D05000	K411D05000
K411 - E	130	K411E05045	K411E050R1	K411E050R3
K411 - M	160	K411M05045	K411M050R1	K411M050R3
K411 - N	160	K411N05045	K411N050R1	K411N050R3

** Senza inserti / Without inserts / Sans plaquettes / Sin cuchillas / Ohne Messer.



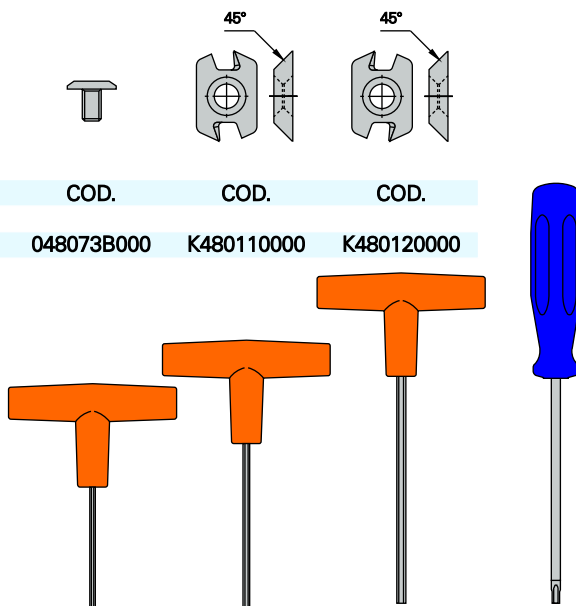


ESEMPIO DI LAVORAZIONE.



Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.
0480030014	0480050007	0480050020	K48011D100	K48011D200	K48011D300	K48011A100	K48011A200	K48011A300
COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.
0480500700	0480501800	048053132R	048053132L	048060A000	048060C000	0480700512	0480700612	0480700820
COD.	COD.	COD.	COD.	COD.	COD.	COD.		
048074A507	048074A510	048074B512	048074B515	048073B000	K480110000	K480120000		
COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.	
K480130000	K480140000	K480150000	K480160000	0480782500	0480783000	048078L400	048078T200	



Multiprofile cutter head set for internal doors.



Juego de cabezales multiperfiles para puertas.



Jeu de porte - outils multiprofiles pour portes.



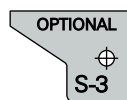
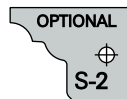
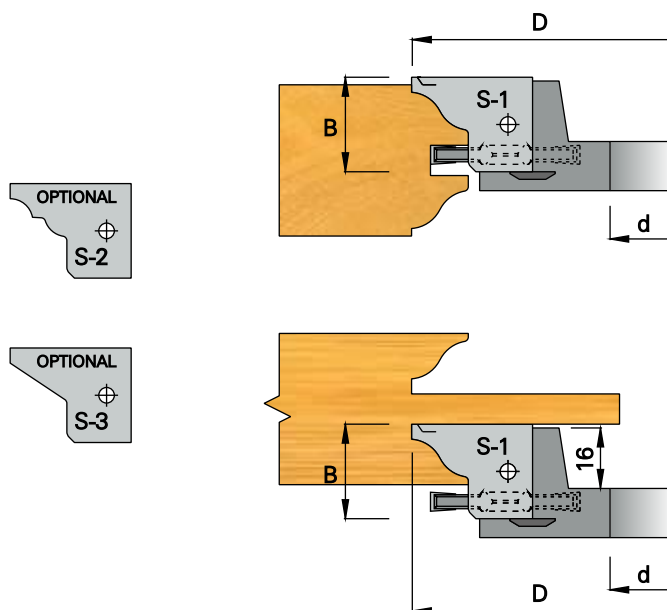
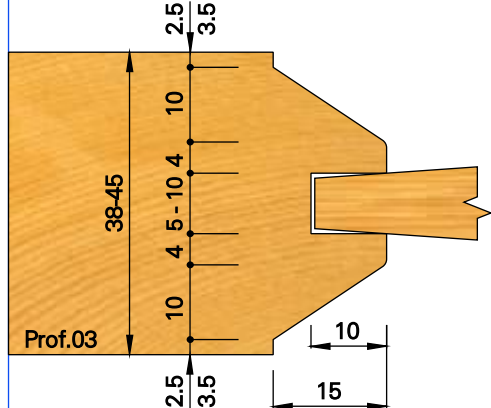
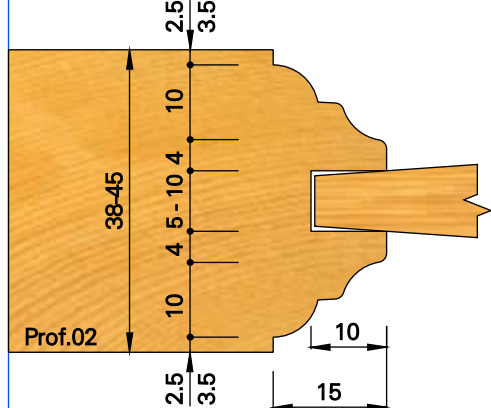
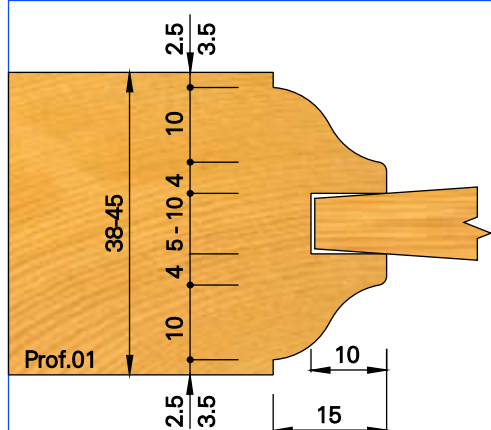
Multi - Profiler Messerkopfsatz für Innentüren.



HW

MAN

D 140 n 5500 - 9500
D 160 n 4800 - 8300



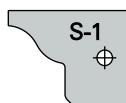
D	B	d	Z	V	COD.
140	25	30	2	2	K411S00030
140	25	31.75	2	2	K411S00031
140	25	35	2	2	K411S00035
160	25	40	2	2	K411S00040
160	25	50	2	2	K411S00050

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



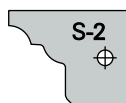
COD.

0480030014



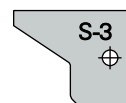
COD.

K48011S100



COD.

K48011S200



COD.

K48011S300



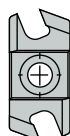
COD.

048053232R



COD.

0480700820



COD.

K48017F000



COD.

048074A510



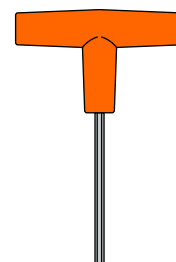
COD.

048074C515



COD.

048073B000



COD.

048078L400



Multi-profile cutter head for internal doors.



Cabezal multiperfiles para puertas.



Porte - outil multiprofiles pour portes.



Multi - Profiler Messerkopf für Innentüren.

**PROFILATURA: Coltelli HW intercambiabili con profili opzionali.**

PROFILING: Interchangeable TC knives with optional profiles.



PROFILAGE: Couteaux HW interchangeables avec profils optionnels.



PERFILADURA: Cuchillas de HW intercambiables con perfiles opcionales.



PROFILIERUNG: Austauschbare HW-Messer mit zusätzlichen Profilen.

**New
generation**

TENONATURA: Utensili con Ø284 o Ø320 per tenoni semplici e doppi

TENONING: Tool sets with Ø284 or Ø320 for single and double tenons



TENONNAGE: Jeux de disques avec Ø284 ou Ø320 pour tenons simples et doubles.



PARA ESPIGAR: Juego de cabezales de Ø284 o Ø320 para espigas simples o dobles.



ZAPFEN: Zapfensätze mit Ø284 oder Ø320 für Einzelund Doppelzapfen.

REGOLAZIONI: Spessore legno e larghezza canale.

ADJUSTMENTS: Door thickness and groove width.



REGLAGES: Epaisseur de la porte et largeur de la rainure.



AJUSTES: Espesor de la puerta y ancho de la ranura.



VESTELLUGEN: Tür-Dicke und Nut-Breite.



Multi-profile cutter head set for internal doors.



Juego de cabezales multiperfiles para puertas.



Jeu de porte - outils multiprofiles pour portes.



Multi - Profiler Messerkopfsatz für Innentüren.



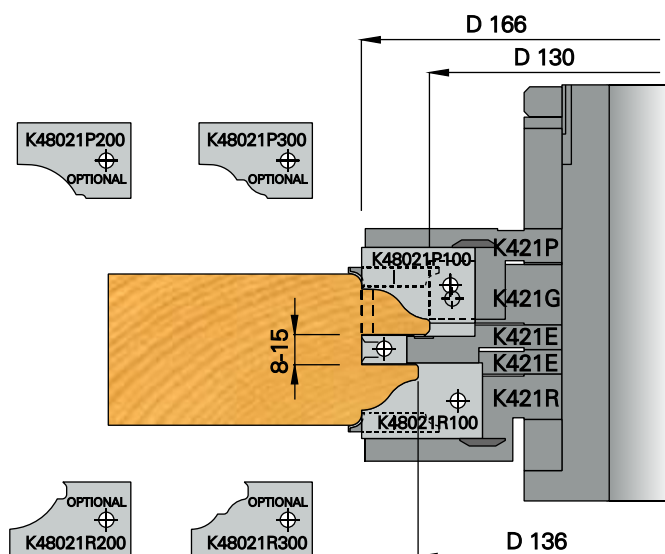
Ø 284
TENONING SET

HW

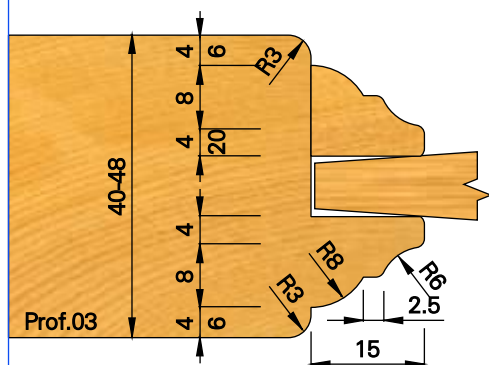
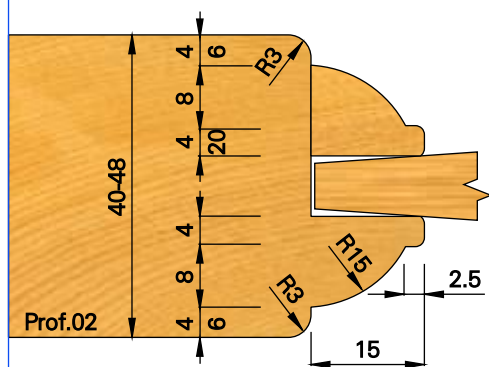
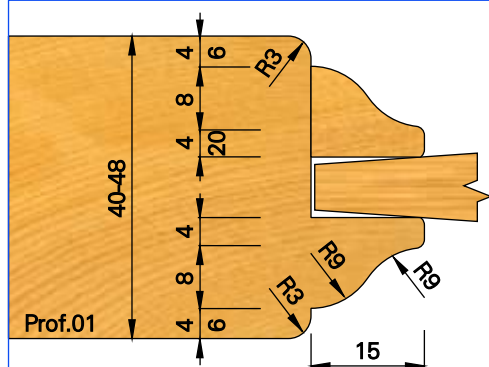
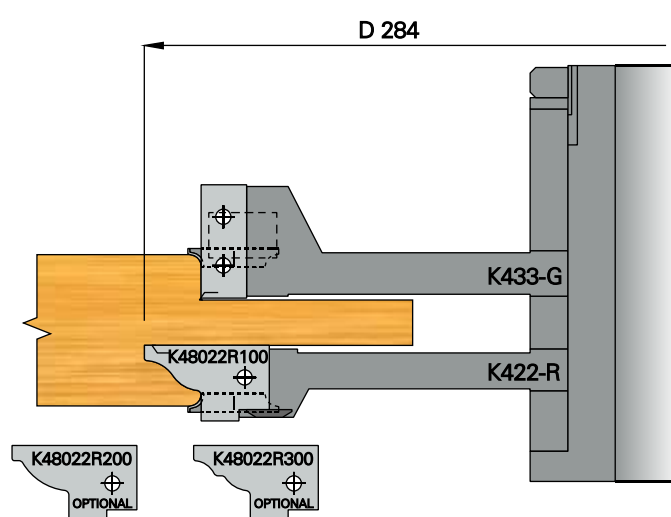
MAN

D 166 n 4500 - 7800
D 284 n 2700 - 4600

K 421 - 15



K 422 - 15



ART.	d	Z	COD.
K421 - 15	30	2	K4211530R3
K421 - 15	31.75	2	K4211531R3
K421 - 15	35	2	K4211535R3
K421 - 15	40	2	K4211540R3
K421 - 15	50	2	K4211550R3

ART.	d	Z	COD.
K422 - 15	30	4	K4221530R3
K422 - 15	31.75	4	K4221531R3
K422 - 15	35	4	K4221535R3
K422 - 15	40	4	K4221540R3
K422 - 15	50	4	K4221550R3

Multi-profile cutter head set for internal doors.

Juego de cabezales multiperfiles para puertas.

Jeu de porte - outils multiprofiles pour portes.

Multi - Profiler Messerkopfsatz für Innentüren.



Ø 320
TENONING SET

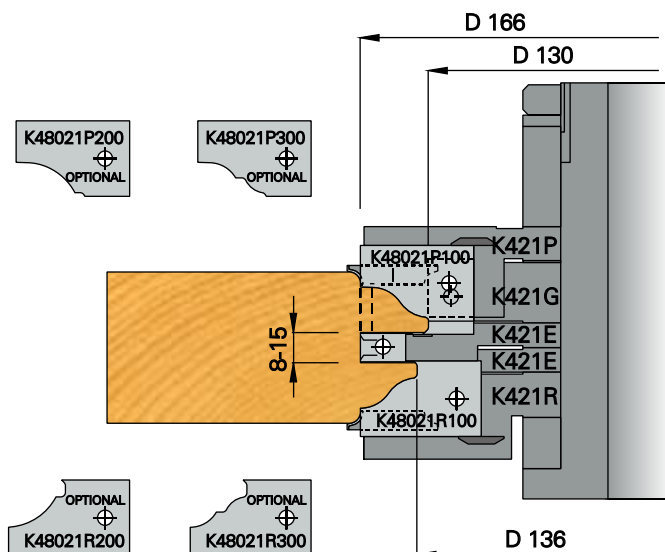


HW

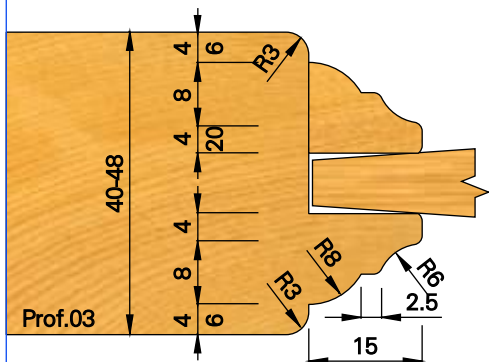
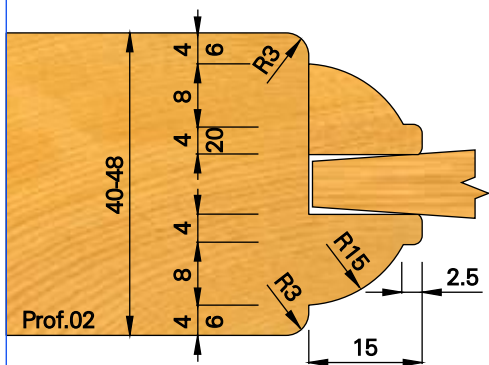
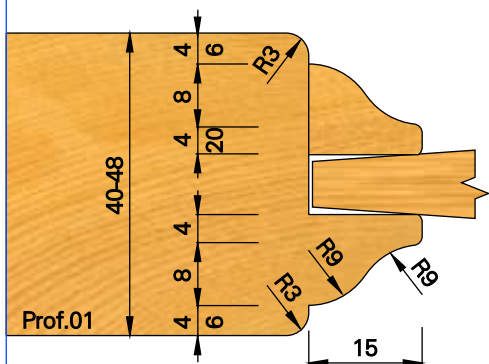
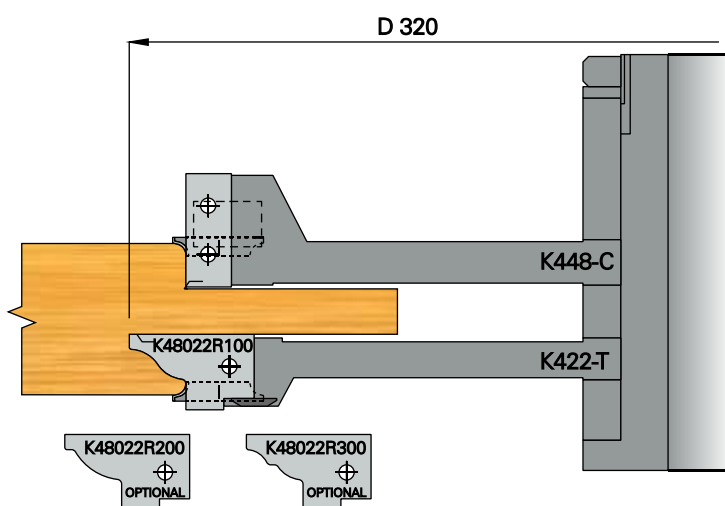
MAN

D 166 n 4500 - 7800
D 320 n 2400 - 4100

K 421 - 15



K 422 - 22



ART.	d	Z	COD.
K421 - 15	30	2	K4211530R3
K421 - 15	31.75	2	K4211531R3
K421 - 15	35	2	K4211535R3
K421 - 15	40	2	K4211540R3
K421 - 15	50	2	K4211550R3

ART.	d	Z	COD.
K422 - 22	30	4	K4222230R3
K422 - 22	31.75	4	K4222231R3
K422 - 22	35	4	K4222235R3
K422 - 22	40	4	K4222240R3
K422 - 22	50	4	K4222250R3



Multi-profile cutter head set for internal doors.



Juego de cabezales multiperfiles para puertas.



Jeu de porte - outils multiprofiles pour portes.



Multi - Profiler Messerkopfsatz für Innentüren.



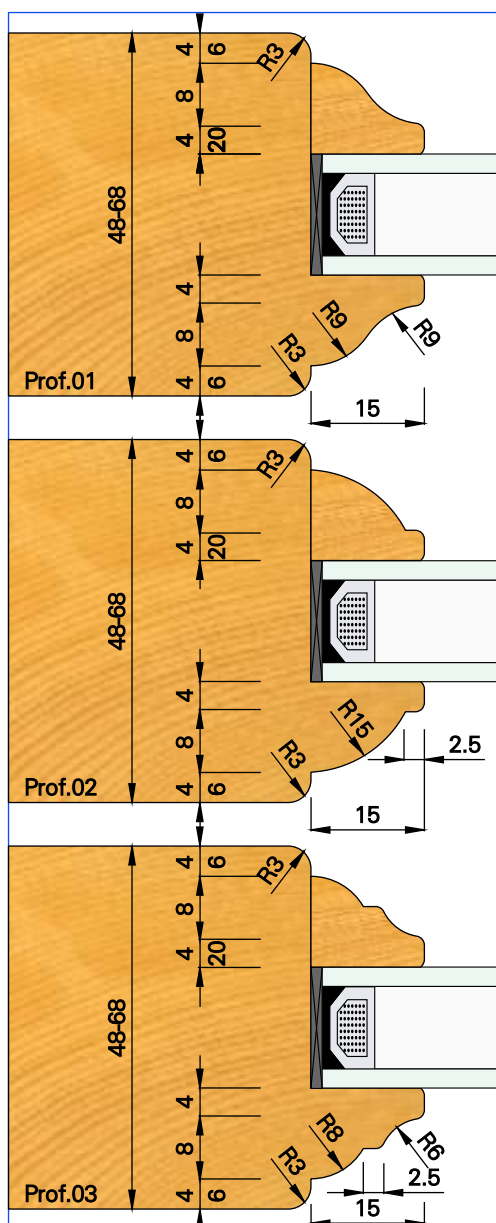
Ø 284
TENONING SET



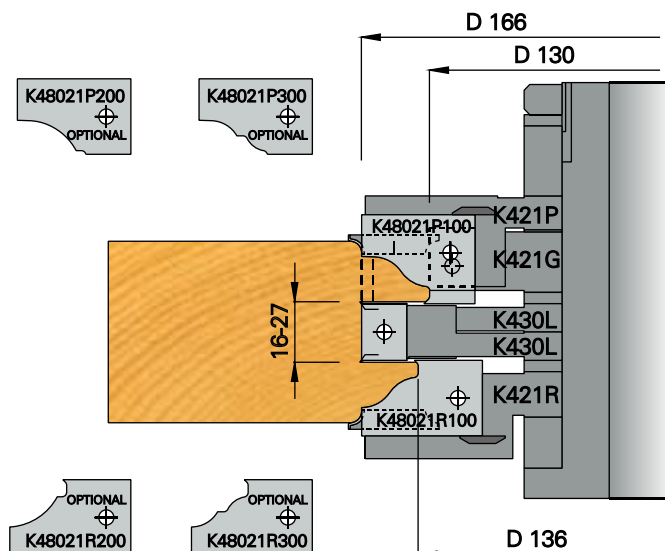
HW

MAN

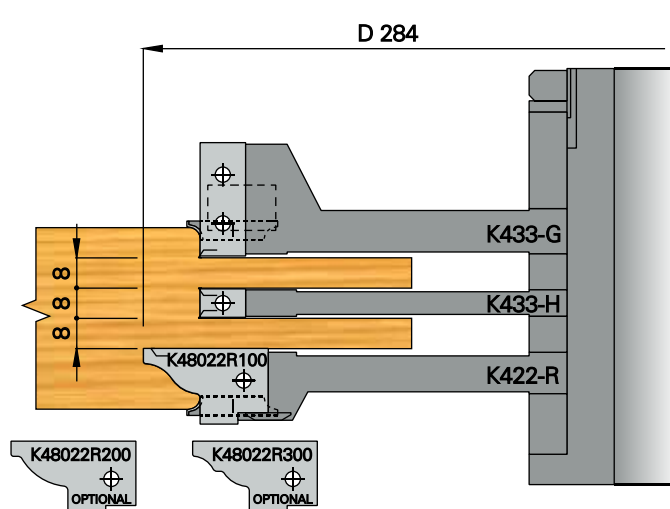
D 166 n 4500 - 7800
D 284 n 2700 - 4600



K 421 - 23



K 422 - 17



ART.	d	Z	COD.
K 421 - 23	30	2	K 4212330R3
K 421 - 23	31.75	2	K 4212331R3
K 421 - 23	35	2	K 4212335R3
K 421 - 23	40	2	K 4212340R3
K 421 - 23	50	2	K 4212350R3

ART.	d	Z	COD.
K 422 - 17	30	4	K 4221730R3
K 422 - 17	31.75	4	K 4221731R3
K 422 - 17	35	4	K 4221735R3
K 422 - 17	40	4	K 4221740R3
K 422 - 17	50	4	K 4221750R3



Multi-profile cutter head set for windows and front doors.



Juego de cabezales multiperfiles para ventanas y puertas.



Jeu de porte - outils multiprofiles pour fenêtres et portes.



Multi - Profiler Messerkopfsatz für Fenster und Aussentüren.



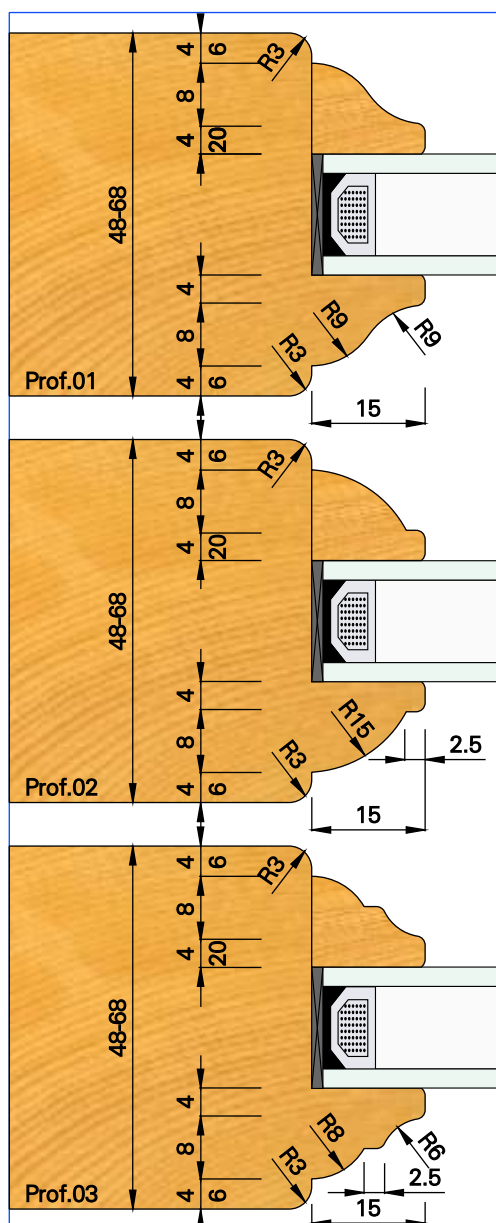
Ø 320
TENONING SET



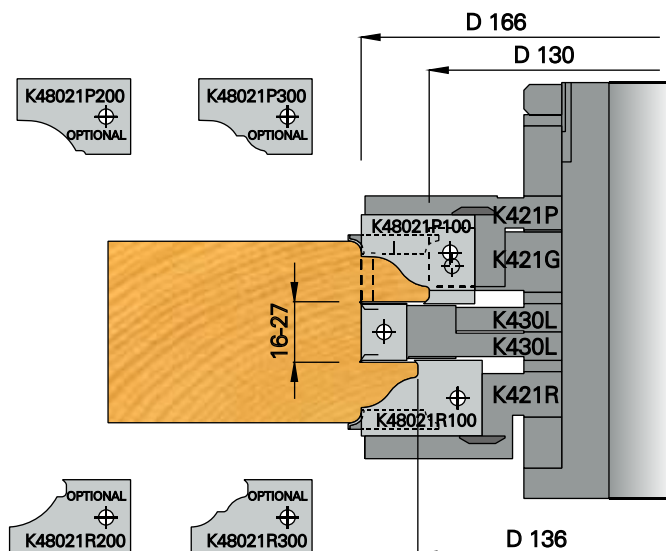
HW

MAN

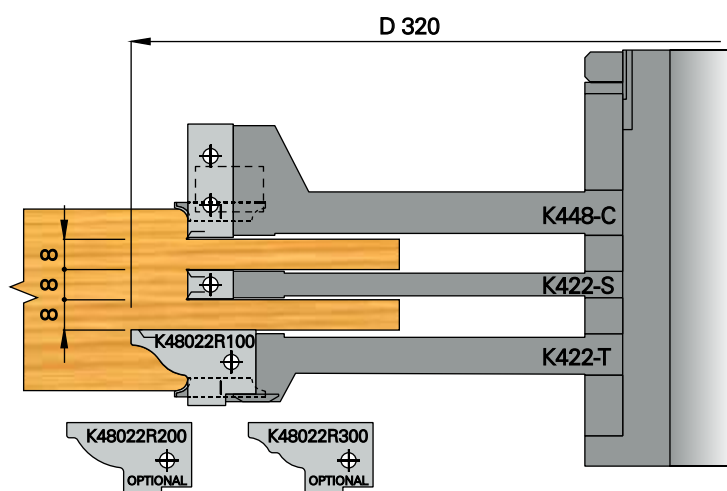
D 166 n 4500 - 7800
D 320 n 2400 - 4100



K 421 - 23



K 422 - 23



ART.	d	Z	COD.
K 421 - 23	30	2	K 4212330R3
K 421 - 23	31.75	2	K 4212331R3
K 421 - 23	35	2	K 4212335R3
K 421 - 23	40	2	K 4212340R3
K 421 - 23	50	2	K 4212350R3

ART.	d	Z	COD.
K 422 - 23	30	4	K 4222330R3
K 422 - 23	31.75	4	K 4222331R3
K 422 - 23	35	4	K 4222335R3
K 422 - 23	40	4	K 4222340R3
K 422 - 23	50	4	K 4222350R3



Multi-profile cutter head set for windows and front doors.



Juego de cabezales multiperfiles para ventanas y puertas.



Jeu de porte - outils multiprofiles pour fenêtres et portes.



Multi - Profiler Messerkopfsatz für Fenster und Aussentüren.



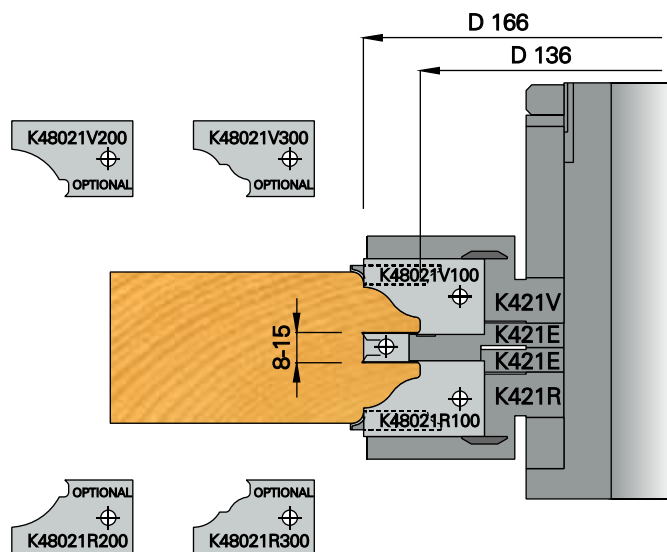
Ø 284
TENONING SET

HW

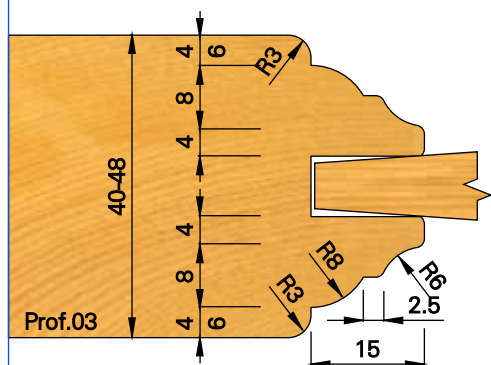
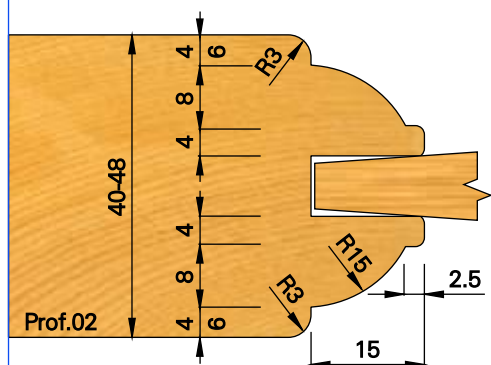
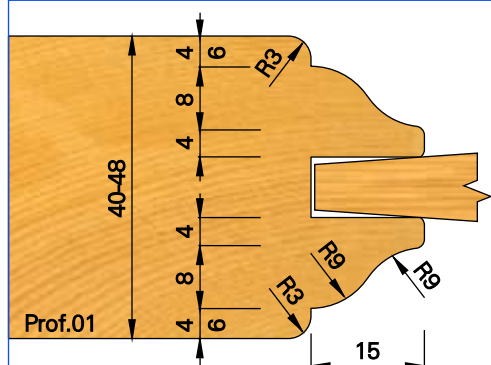
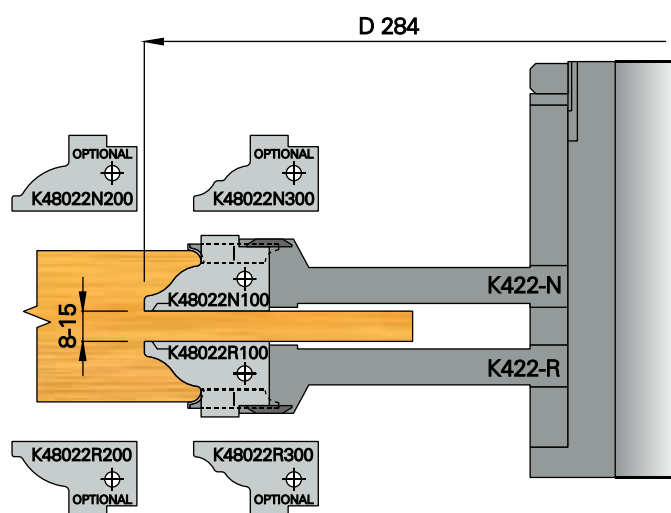
MAN

D 166 n 4500 - 7800
D 284 n 2700 - 4600

K 421 - 25



K 422 - 25



ART.	d	Z	COD.
K421 - 25	30	2	K4212530R3
K421 - 25	31.75	2	K4212531R3
K421 - 25	35	2	K4212535R3
K421 - 25	40	2	K4212540R3
K421 - 25	50	2	K4212550R3

ART.	d	Z	COD.
K422 - 25	30	4	K4222530R3
K422 - 25	31.75	4	K4222531R3
K422 - 25	35	4	K4222535R3
K422 - 25	40	4	K4222540R3
K422 - 25	50	4	K4222550R3



Multi-profile cutter head set for internal doors.



Juego de cabezales multiperfiles para puertas.



Jeu de porte - outils multiprofiles pour portes.



Multi - Profiler Messerkopfsatz für Innentüren.



Ø 320
TENONING SET

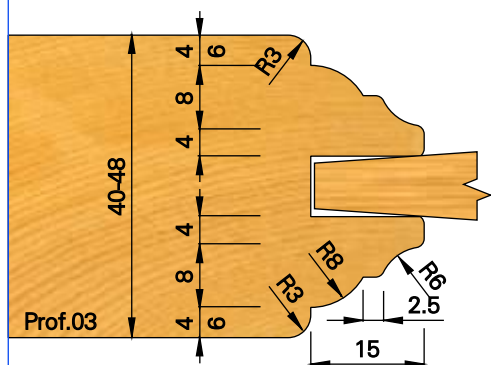
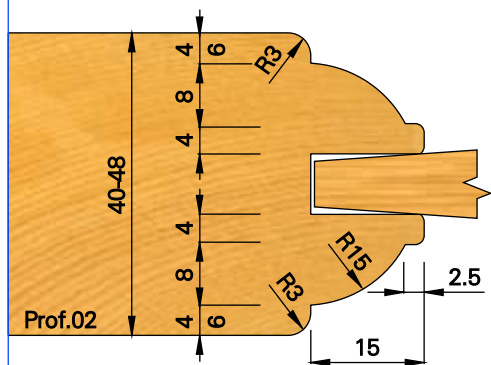
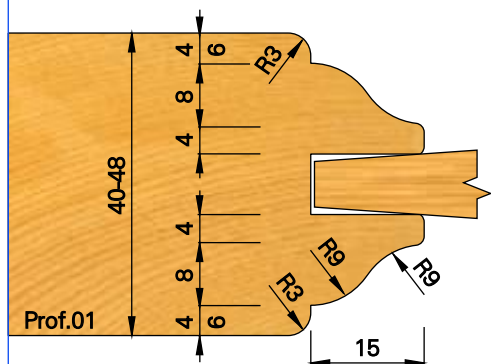
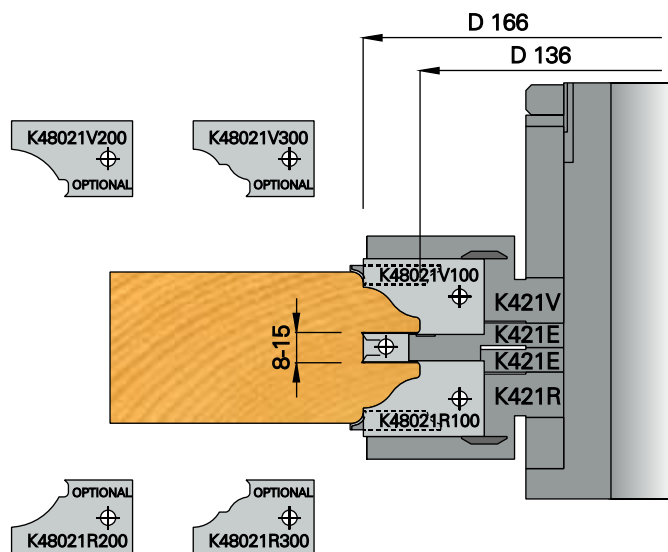


HW

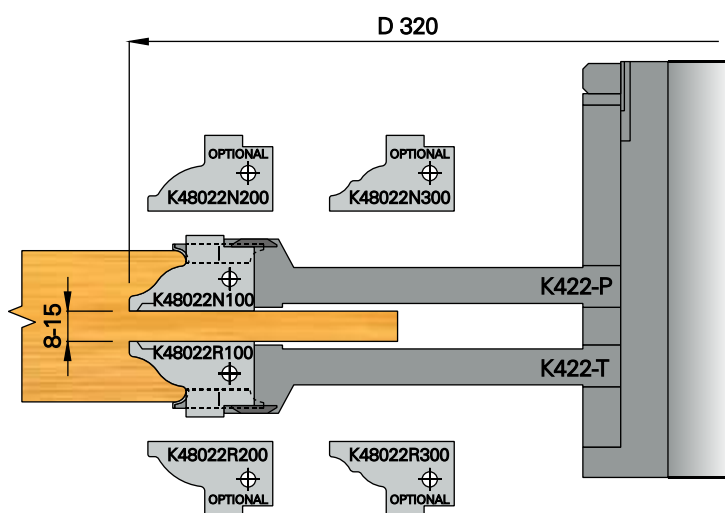
MAN

D 166 n 4500 - 7800
D 320 n 2400 - 4100

K 421 - 25



K 422 - 27



ART.	d	Z	COD.
K421 - 25	30	2	K4212530R3
K421 - 25	31.75	2	K4212531R3
K421 - 25	35	2	K4212535R3
K421 - 25	40	2	K4212540R3
K421 - 25	50	2	K4212550R3

ART.	d	Z	COD.
K422 - 27	30	4	K4222730R3
K422 - 27	31.75	4	K4222731R3
K422 - 27	35	4	K4222735R3
K422 - 27	40	4	K4222740R3
K422 - 27	50	4	K4222750R3



 Multi-profile cutter head set for internal doors.



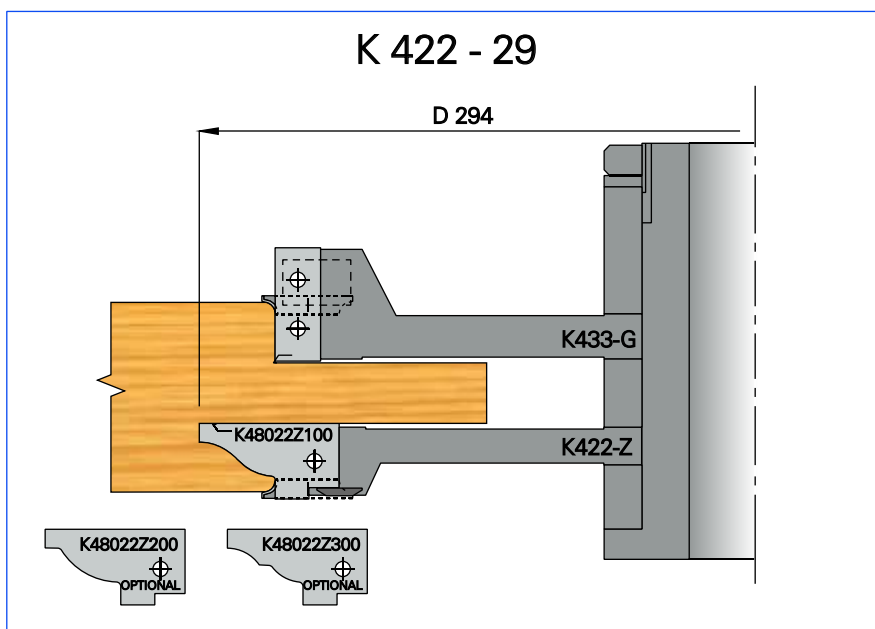
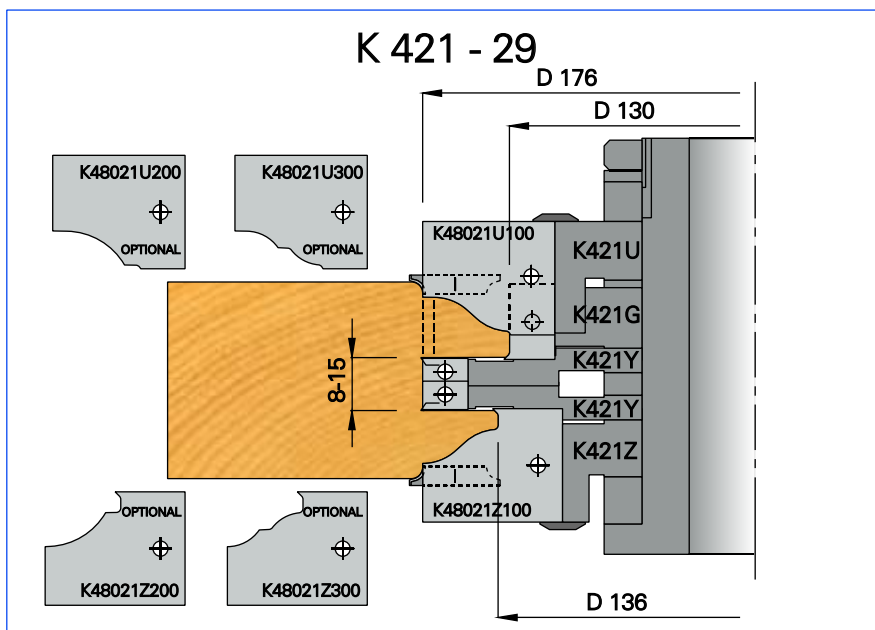
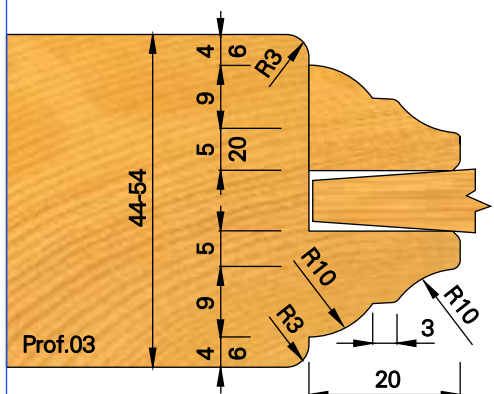
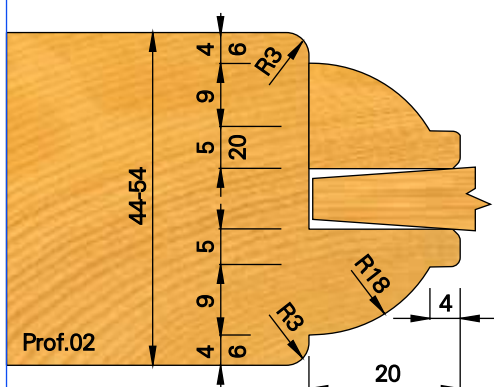
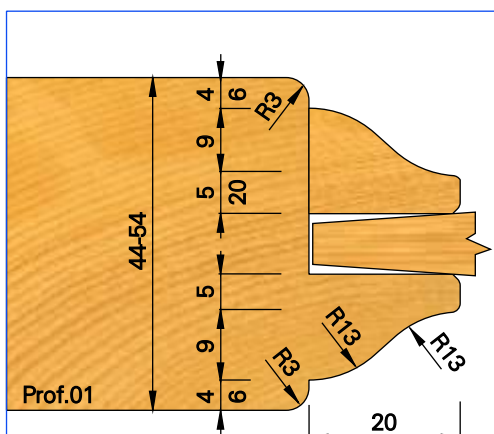
Jeu de porte - outils multiprofiles pour portes.



 Juego de cabezales multiperfiles para puertas.



 Multi - Profiler Messerkopfsatz für Innentüren.



HW

MAN

D 176 n 4300 - 7400
D 294 n 2800 - 4500

ART.	d	Z	COD.
K 421 - 29	30	2	K 4212930R3
K 421 - 29	31.75	2	K 4212931R3
K 421 - 29	35	2	K 4212935R3
K 421 - 29	40	2	K 4212940R3
K 421 - 29	50	2	K 4212950R3

ART.	d	Z	COD.
K 422 - 29	30	4	K 4222930R3
K 422 - 29	31.75	4	K 4222931R3
K 422 - 29	35	4	K 4222935R3
K 422 - 29	40	4	K 4222940R3
K 422 - 29	50	4	K 4222950R3



Multi-profile cutter head set for windows and front doors.



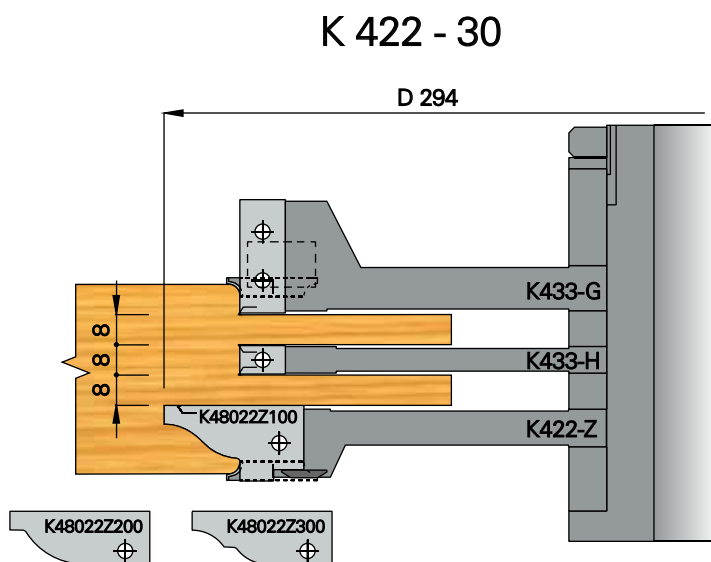
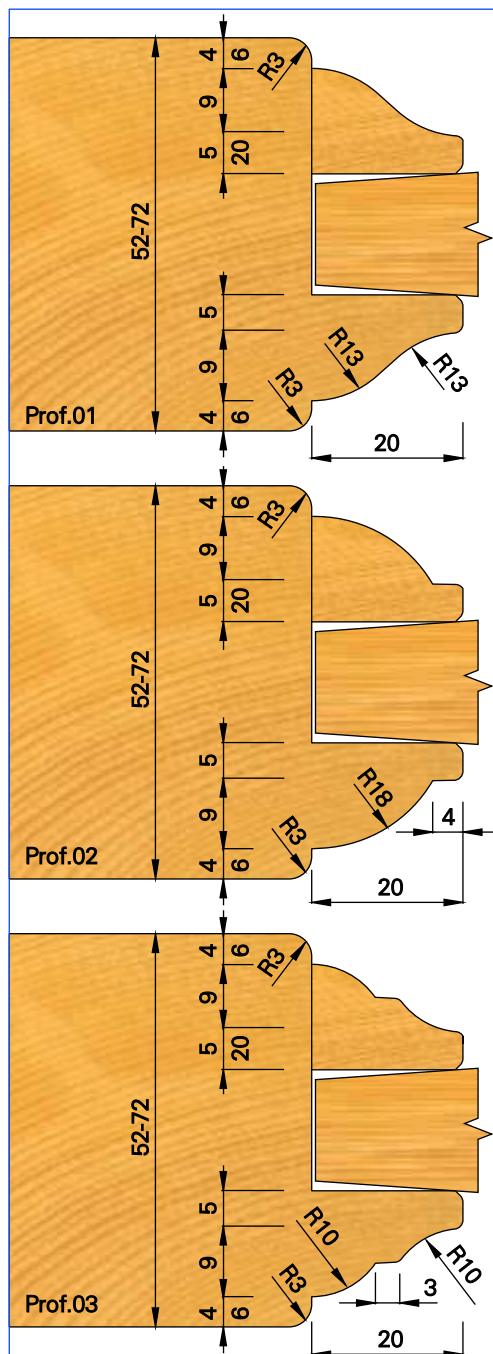
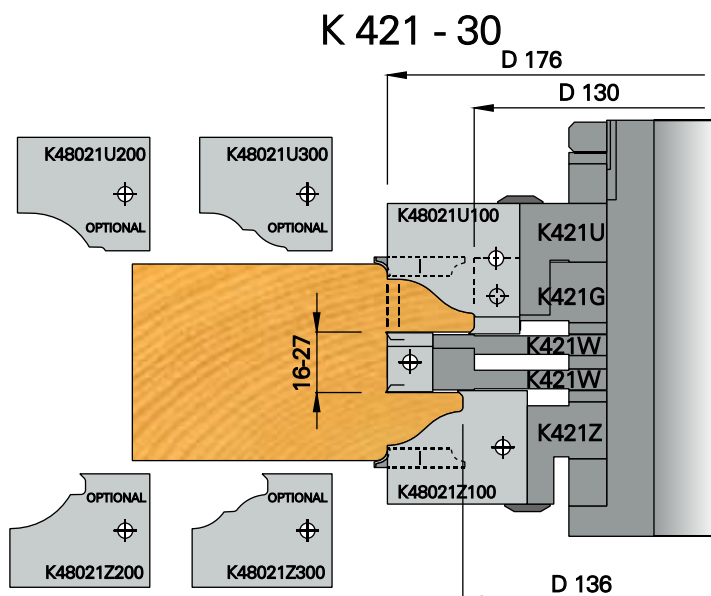
Juego de cabezales multiperfiles para ventanas y puertas.



Jeu de porte - outils multiprofiles pour fenêtres et portes.



Multi - Profiler Messerkopfsatz für Fenster und Aussentüren.



HW

MAN

D 176 n 4300 - 7400
D 294 n 2800 - 4500

ART.	d	Z	COD.
K421 - 30	30	2	K4213030R3
K421 - 30	31.75	2	K4213031R3
K421 - 30	35	2	K4213035R3
K421 - 30	40	2	K4213040R3
K421 - 30	50	2	K4213050R3

ART.	d	Z	COD.
K422 - 30	30	4	K4223030R3
K422 - 30	31.75	4	K4223031R3
K422 - 30	35	4	K4223035R3
K422 - 30	40	4	K4223040R3
K422 - 30	50	4	K4223050R3



Multi-profile cutter head set for windows and front doors.



Juego de cabezales multiperfiles para ventanas y puertas.



Jeu de porte - outils multiprofiles pour fenêtres et portes.



Multi - Profiler Messerkopfsatz für Fenster und Aussentüren.

Ricambi per K421 - K422



COD. 0480030014	COD. 0480050007	COD. 0480050015	COD. 0480050030	COD. K48021G000	COD. K48021P100	COD. K48021P200	COD. K48021P300
COD. K48021R100	COD. K48021R200	COD. K48021R300	COD. K48022R100	COD. K48022R200	COD. K48022R300	COD. K48021V100	COD. K48021V200
COD. K48021V300	COD. K48022N100	COD. K48022N200	COD. K48022N300	COD. K48021U100	COD. K48021U200	COD. K48021U300	COD. K48021Z100
COD. K48021Z200	COD. K48021Z300	COD. K48022Z100	COD. K48022Z200	COD. K48022Z300	COD. 0480500700	COD. 0480501300	COD. 0480502600
COD. 048053132R	COD. 048053132L	COD. 048053282R	COD. 048053282L	COD. 048060A000	COD. 048060C000	COD. 0480700512	COD. 0480700612
COD. 0480700620	COD. 0480700820	COD. 048074A507	COD. 048074A510	COD. 048074B512	COD. 048074B515	COD. 048073B000	COD. K48062E000
COD. K480150000	COD. K480160000	COD. 0480782500	COD. 0480783000	COD. 048078L400	COD. 048078T200		



Spare parts for K421 - K422.



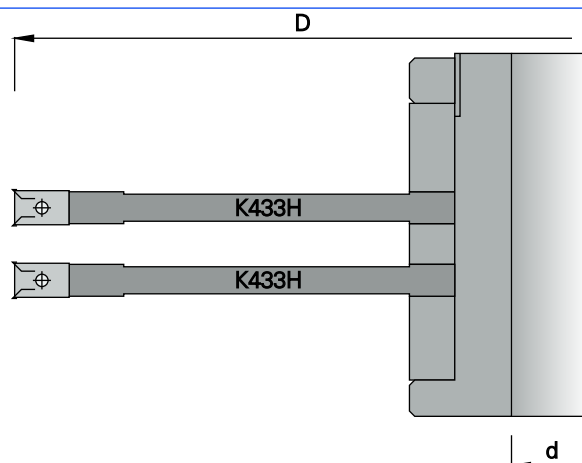
Repuestos para K421 - K422.



Rechanges pour K421 - K422.



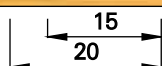
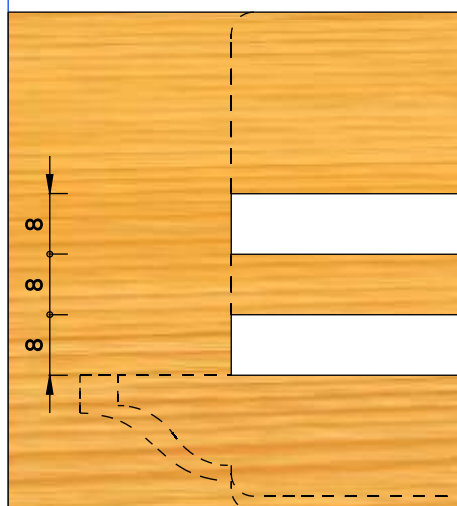
Ersatzteile K421 - K422.



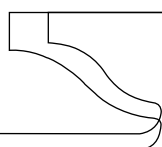
HW

MAN

n 3000 - 5200



ART. K 422-17
ART. K 422-30



D	d	Z	COD.
254	30	4	K432063000
254	31.75	4	K432063100
254	35	4	K432063500
254	40	4	K432064000
254	50	4	K432065000

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.

0480030014



COD.

0480050007



COD.

0480500700



COD.

048060A000



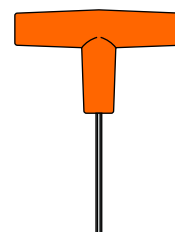
COD.

0480700512



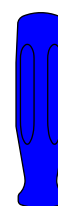
COD.

048074A507



COD.

0480782500



COD.

048078T200



Tenoning cutter head set.



Juego de cabezales para espigar.



Jeu de porte - outils à tenonner.



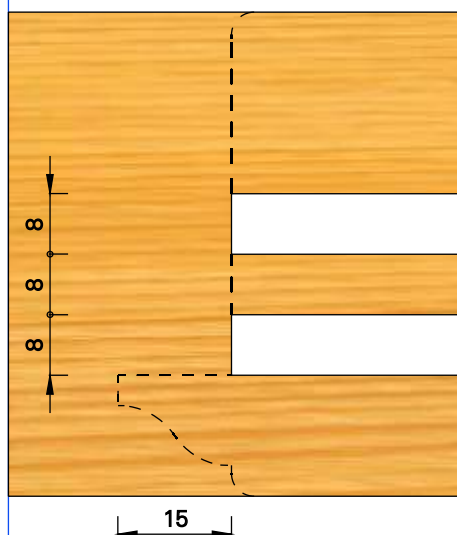
Messerkopfsatz für Zapfenprofil.



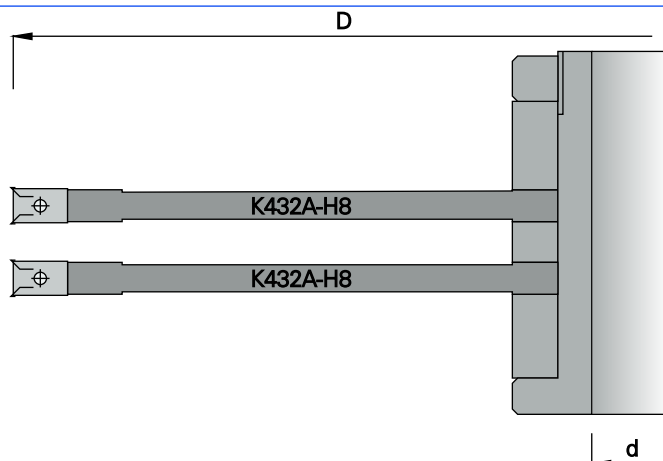
HW

MAN

n 2700 - 4600



ART. K 422-23



D	d	Z	COD.
290	30	4	K432243000
290	31.75	4	K432243100
290	35	4	K432243500
290	40	4	K432244000
290	50	4	K432245000

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.

0480030014



COD.

0480050007



COD.

0480500700



COD.

048060A000



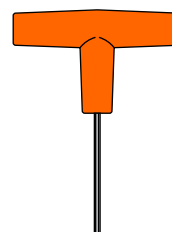
COD.

0480700512



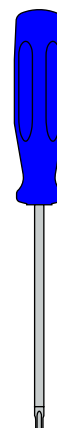
COD.

048074A507



COD.

0480782500



COD.

048078T200



Tenoning cutter head set.



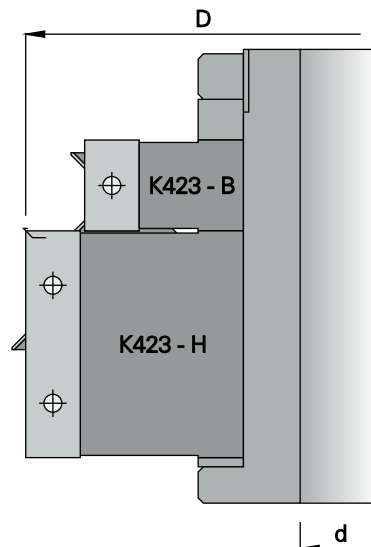
Juego de cabezales para espigar.



Jeu de porte - outils à tenonner.



Messerkopfsatz für Zapfenprofil.



HW

MAN

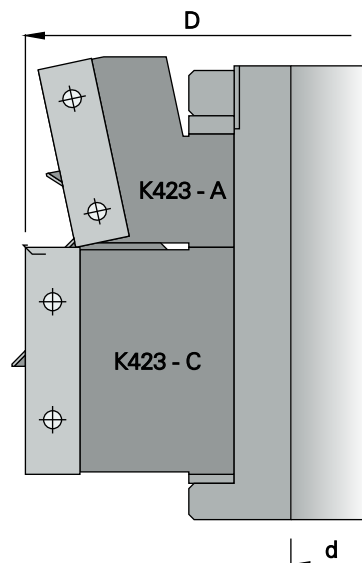
n 5000 - 8600

				45°	R 1.5	R 3
D	d	Z	COD.	COD.	COD.	COD.
156	30	2	K423023000	K423023045	K4230230R1	K4230230R3
156	31.75	2	K423023100	K423023145	K4230231R1	K4230231R3
156	35	2	K423023500	K423023545	K4230235R1	K4230235R3
156	40	2	K423024000	K423024045	K4230240R1	K4230240R3
156	50	2	K423025000	K423025045	K4230250R1	K4230250R3

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

COD.	COD.	COD.	COD.	COD.	COD.
0480030014	0480050020	0480050050	0480501800	0480504600	
COD.	COD.	COD.	COD.		
048060C000	0480700612	0480700620	048074A510		
COD.	COD.	COD.		COD.	COD.
048074B515	048073B000	K48062E000		0480783000	048078T200
45°	45°	R 1.5	R 1.5	R 3	R 3
COD.	COD.	COD.	COD.	COD.	COD.
K480110000	K480120000	K480130000	K480140000	K480150000	K480160000

	Door rebating cutter head set.		Juego de cabezales para perfil exterior de puertas.
	Jeu de porte - outils pour calibrage de portes.		Messerkopfsatz für Türenaussenprofil.

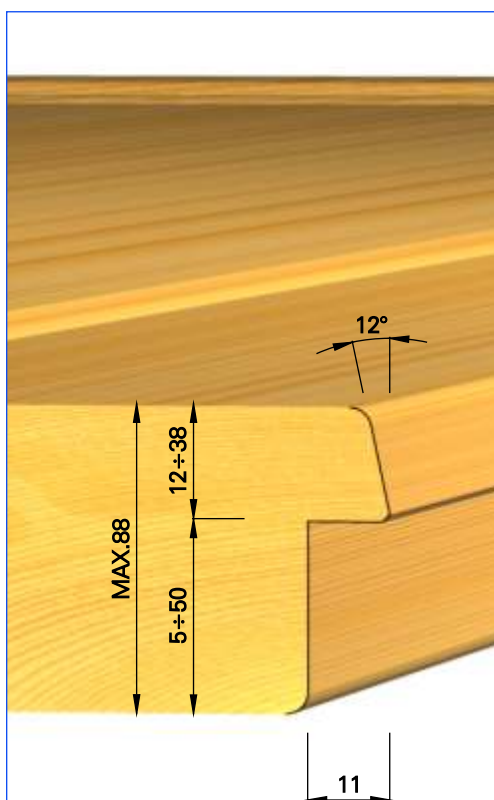


HW

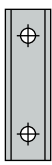
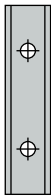
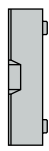
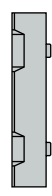
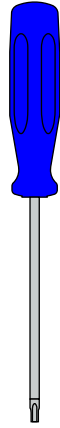
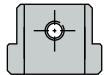
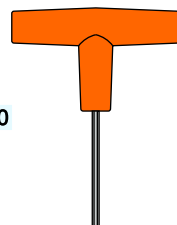
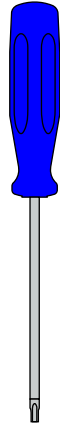
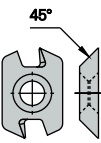
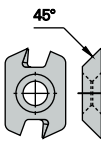
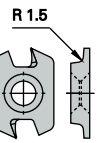
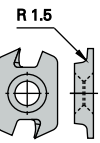
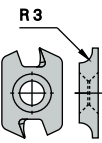
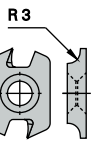
MAN

n 5100 - 8900

D	d	Z	COD.	COD.	COD.	COD.
152	30	2	K423063000	K423063045	K4230630R1	K4230630R3
152	31.75	2	K423063100	K423063145	K4230631R1	K4230631R3
152	35	2	K423063500	K423063545	K4230635R1	K4230635R3
152	40	2	K423064000	K423064045	K4230640R1	K4230640R3
152	50	2	K423065000	K423065045	K4230650R1	K4230650R3



Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

					
COD.	COD.	COD.	COD.	COD.	
0480030014	0480050040	0480050050	0480503600	0480504600	
					
COD.	COD.	COD.	COD.		
048060C000	0480700612	0480700620	048074A510		
					
COD.	COD.	COD.		COD.	COD.
048074B515	048073B000	K48062E000		0480783000	048078T200
					
COD.	COD.	COD.	COD.	COD.	COD.
K480110000	K480120000	K480130000	K480140000	K480150000	K480160000



Door rebating cutter head set.



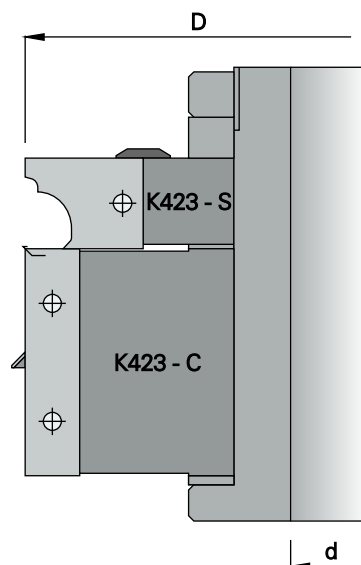
Juego de cabezales para perfil exterior de puertas.



Jeu de porte - outils pour calibrage de portes.



Messerkopfsatz für Türenaussenprofil.



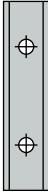
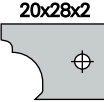
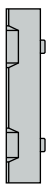
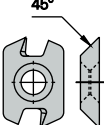
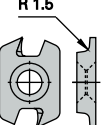
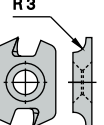
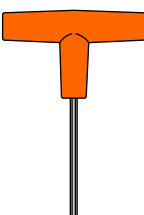
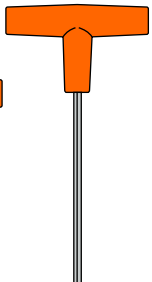
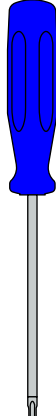
HW

MAN

n 5100 - 8900

D	d	Z	COD.	COD.	COD.	COD.
152	30	2	K423083000	K423083045	K4230830R1	K4230830R3
152	31.75	2	K423083100	K423083145	K4230831R1	K4230831R3
152	35	2	K423083500	K423083545	K4230835R1	K4230835R3
152	40	2	K423084000	K423084045	K4230840R1	K4230840R3
152	50	2	K423085000	K423085045	K4230850R1	K4230850R3

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

					
COD.	COD.	COD.	COD.	COD.	COD.
0480030014	0480050050	K48023S000	0480504600	0480521825	048060C000
					
COD.	COD.	COD.	COD.		
0480700612	0480700620	0480700820	K48062E000		
					
COD.	COD.	COD.			
048074A510	048074B515	048073B000			
					
COD.	COD.	COD.	COD.	COD.	COD.
K480120000	K480140000	K480160000	0480783000	048078L400	048078T200

	Door rebating cutter head set.		Juego de cabezales para perfil exterior de puertas.
	Jeu de porte - outils pour calibrage de portes.		Messerkopfsatz für Türenaussenprofil.

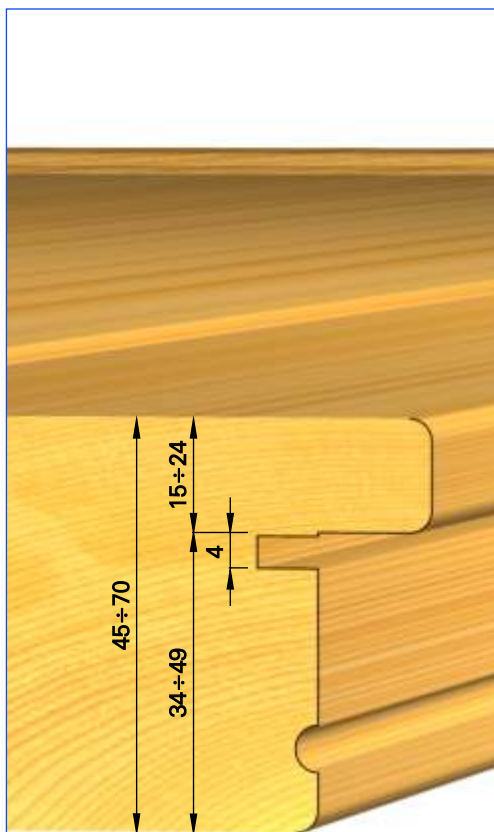
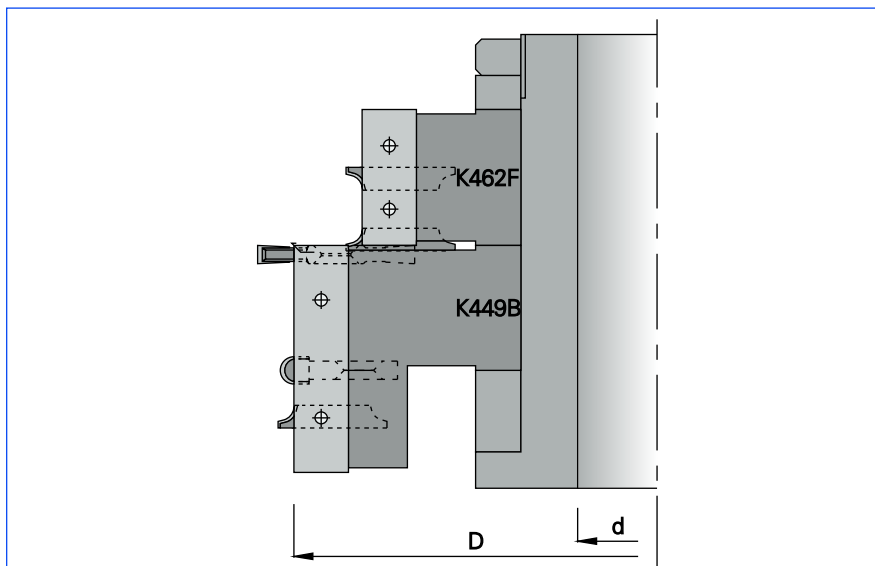
K 449 Gruppo di teste per la squadratura delle porte



HW

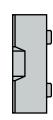
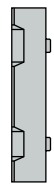
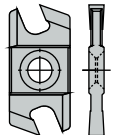
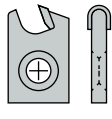
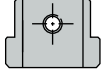
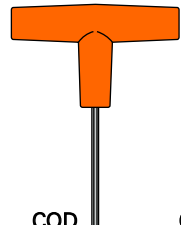
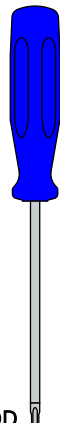
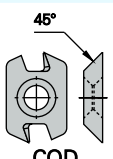
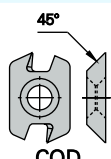
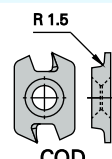
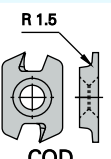
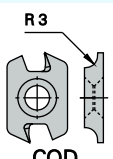
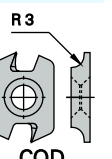
MAN

n 4400 - 7600



		45°		R 1.5		R 3	
D	d	Z	COD.	COD.	COD.	COD.	COD.
160	30	2	K449003000	K449003045	K4490030R1	K4490030R3	
160	31.75	2	K449003100	K449003145	K4490031R1	K4490031R3	
160	35	2	K449003500	K449003545	K4490035R1	K4490035R3	
160	40	2	K449004000	K449004045	K4490040R1	K4490040R3	
160	50	2	K449005000	K449005045	K4490050R1	K4490050R3	

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

					
COD.	COD.	COD.	COD.	COD.	
0480030014	0480050030	0480050050	0480502600	0480504600	
					
COD.	COD.	COD.	COD.	COD.	
048060C000	0480700612	0480700620	048074A510	048074B515	
					
COD.	COD.	COD.	COD.	COD.	COD.
048074C515	K48017E000	K48018R300	K48062E000	0480783000	048078T200
					
COD.	COD.	COD.	COD.	COD.	COD.
K480110000	K480120000	K480130000	K480140000	K480150000	K480160000



Door rebating cutter head set.



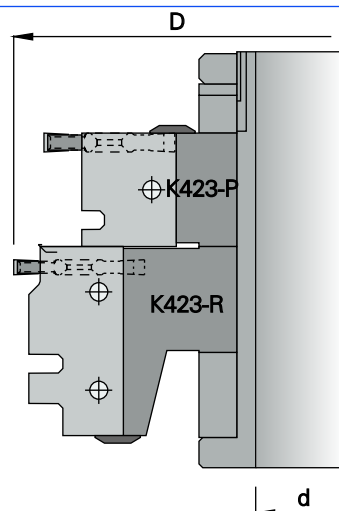
Juego de cabezales para perfil exterior de puertas.



Jeu de porte - outils pour calibrage de portes.



Messerkopfsatz für Türenaussenprofil.

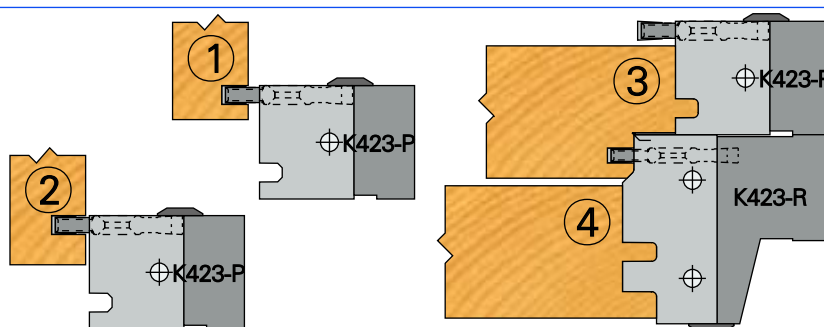
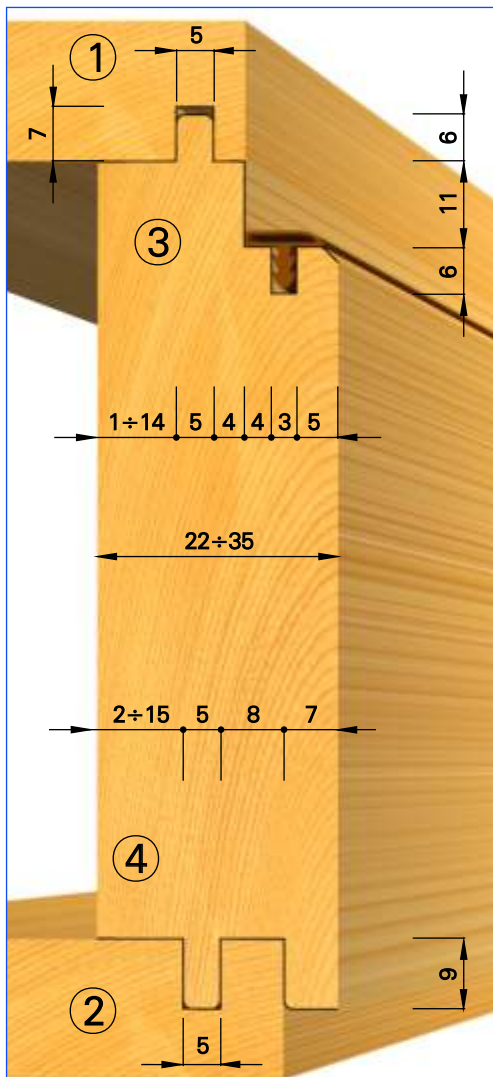


HW

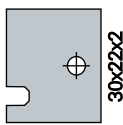
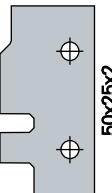
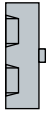
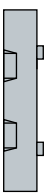
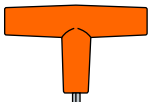
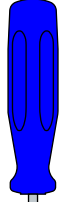
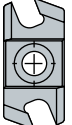
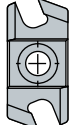
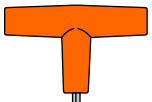
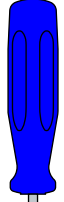
MAN

n 4300 - 7400

D	d	Z	V	COD.
176	30	2	2	K423163000
176	31.75	2	2	K423163100
176	35	2	2	K423163500
176	40	2	2	K423164000
176	50	2	2	K423165000



Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

				
COD. 0480030014	COD. K48023P000	COD. K48023R000	COD. 0480522825	COD. 0480524825
				
COD. 0480700820	COD. 048074A510	COD. 048074C515		
				
COD. 048073B000	COD. K48017A000	COD. K48017F000	COD. 048078L400	COD. 048078T200

 Cutter head set for door - frame profiling.

 Juego de cabezales para el marco de puertas.

 Jeu de porte - outils pour le chassis des portes.

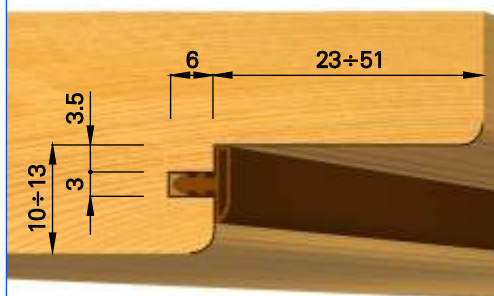
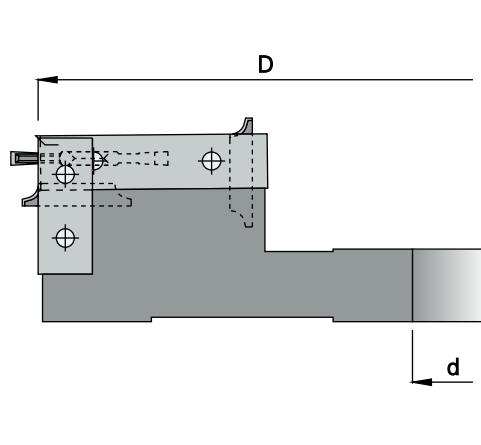
 Türdichtung - Messerkopfsatz.



HW

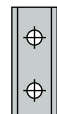
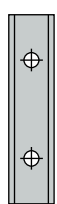
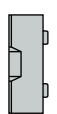
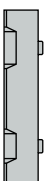
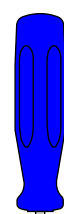
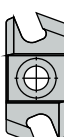
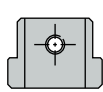
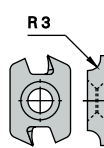
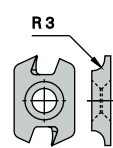
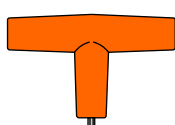
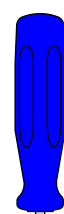
MAN

n 3900 - 6000



D	d	Z	COD.
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200	31.75	2+2	K423D00031
200	35	2+2	K423D00035
200	40	2+2	K423D00040
200	50	2+2	K423D00050

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

								
COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.
0480030014	0480050030	0480050050	0480502600	0480504600	048060C000	0480700612	0480705620	
								
COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.	COD.
K48017A000	048074A510	048074B515	048074C515	K48062E000	K480150000	K480160000	0480783000	048078T200



Cutter head for door - frame.



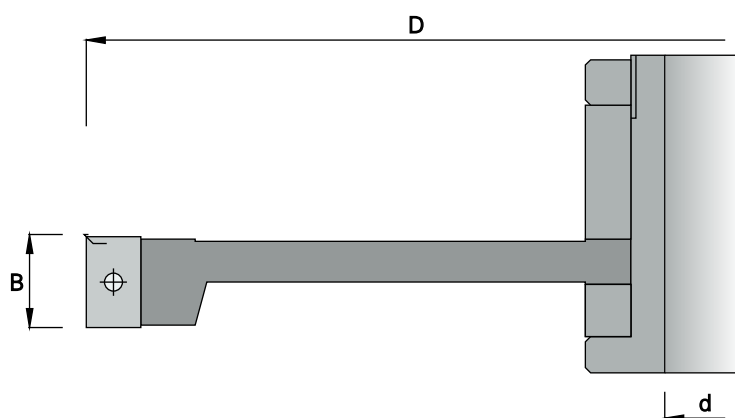
Cabezal para el marco de puertas.



Porte - outil pour le chassis des portes.



Türdichtung - Messerkopf.



HW

MAN

n 2700 - 4600

D	B	d	Z	COD.
290	20	30	4	K423Z00030
290	20	31.75	4	K423Z00031
290	20	35	4	K423Z00035
290	20	40	4	K423Z00040
290	20	50	4	K423Z00050

9 - 14

9 - 14

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.

0480030014



COD.

0480050020



COD.

0480501800



COD.

048060C000



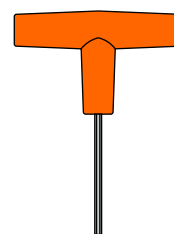
COD.

0480700612



COD.

048074A510



COD.

0480783000



COD.

048078T200



Cutter head for door - frame joining.



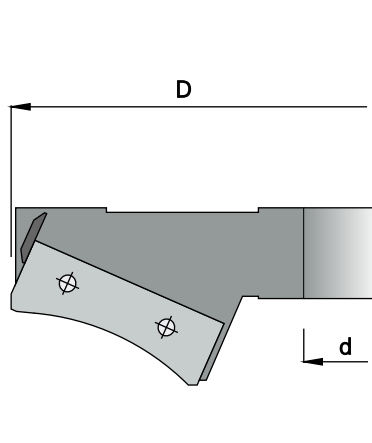
Porte - outils pour bouvetage de chassis.



Cabezal para ensamble del marco.



Messerkopf für Rahmenverbindung.

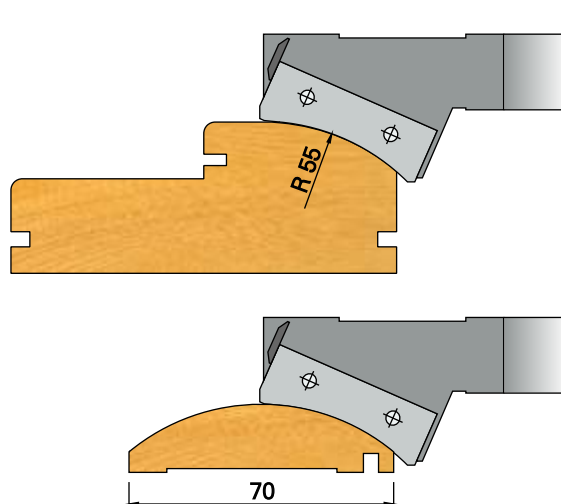


HW

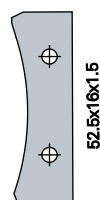
MAN

D 164 n 4700 - 8100
D 174 n 4400 - 7600

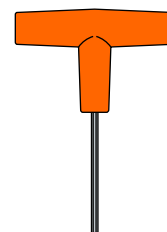
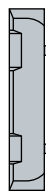
D	d	Z	COD.
164	30	3	K423183000
164	31.75	3	K423183100
164	35	3	K423183500
164	40	3	K423184000
174	50	3	K423185000



Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



52.5x16x1.5



COD.	COD.	COD.	COD.	COD.	COD.
K480231800	048050AUVZ	048060C000	0480700612	048073B000	0480783000



Cutter head for door - frame.



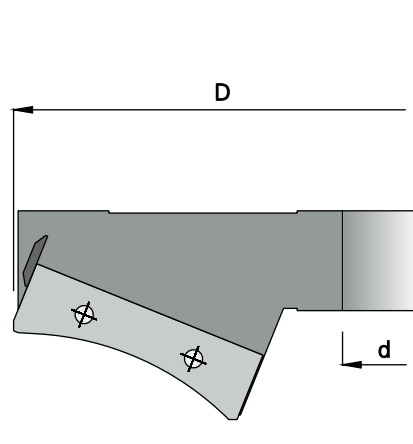
Cabezal para el marco de puertas.



Porte - outil pour le chassis des portes.



Türdichtung - Messerkopf.

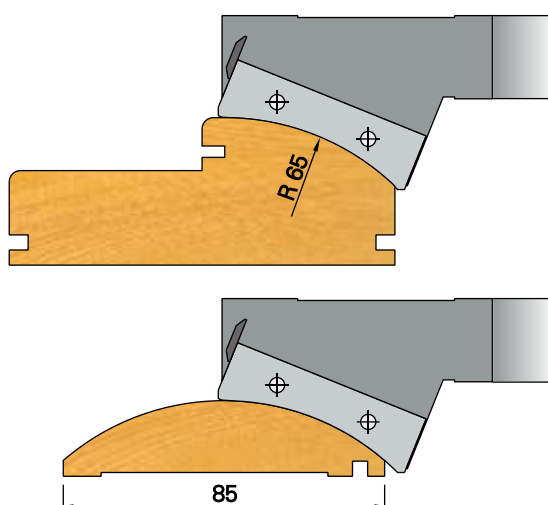


HW

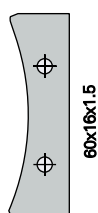
MAN

n 4100 - 7000

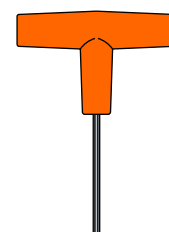
D	d	Z	COD.
190	30	3	K423193000
190	31.75	3	K423193100
190	35	3	K423193500
190	40	3	K423194000
190	50	3	K423195000



Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



60x16x1.5



COD.
K480231900

COD.
048050AUVZ

COD.
048060C000

COD.
0480700612

COD.
048073B000

COD.
0480783000



Cutter head for door - frame.



Cabezal para el marco de puertas.



Porte - outil pour le chassis des portes.



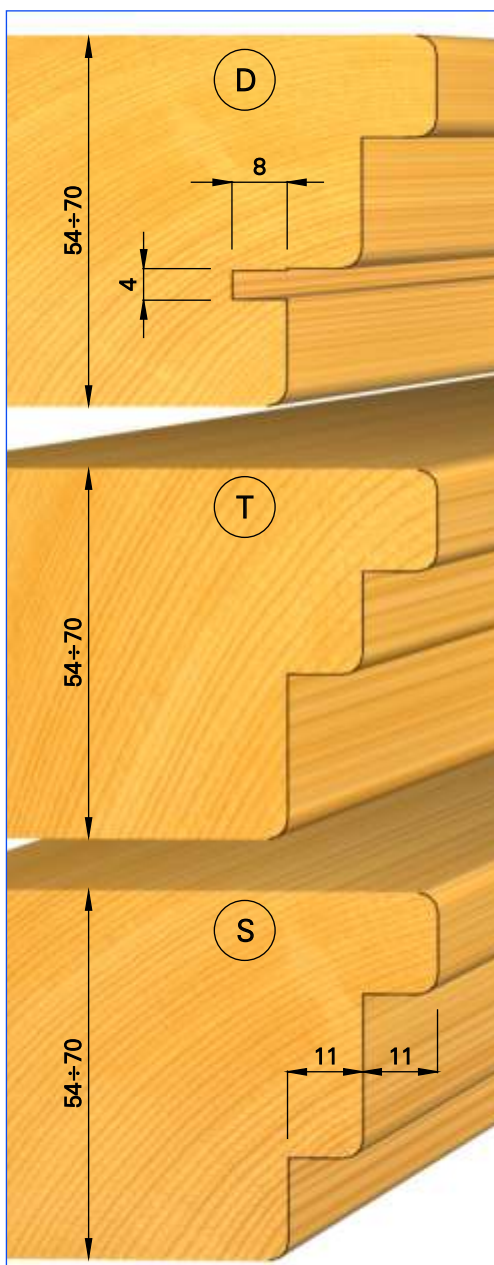
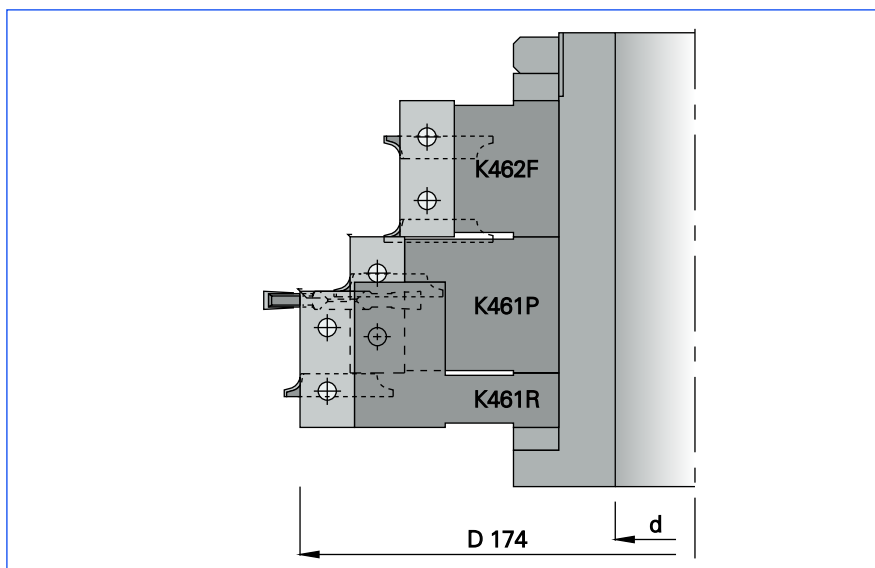
Türdichtung - Messerkopf.



HW

MAN

n 4100 - 7000



				45°	R 1.5	R 3
D	d	Z	COD.	COD.	COD.	COD.
174	30	2	K461103000	K461103045	K4611030R1	K4611030R3
174	31.75	2	K461103100	K461103145	K4611031R1	K4611031R3
174	35	2	K461103500	K461103545	K4611035R1	K4611035R3
174	40	2	K461104000	K461104045	K4611040R1	K4611040R3
174	50	2	K461105000	K461105045	K4611050R1	K4611050R3

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

COD.	COD.	COD.	COD.	COD.	COD.
0480030014	0480050030	0480502600	048060C000	0480700612	0480700620
COD.	COD.	COD.	COD.	COD.	
048074A510	048074B515	048074C515	K48017E000	K48062E000	
COD.	COD.	COD.	COD.	COD.	
K480110000	K480130000	K480150000			
COD.	COD.	COD.	COD.	COD.	
K480120000	K480140000	K480160000			
			COD.	COD.	
			0480783000	048078T200	



Cutter head set for double - rebate profiles.



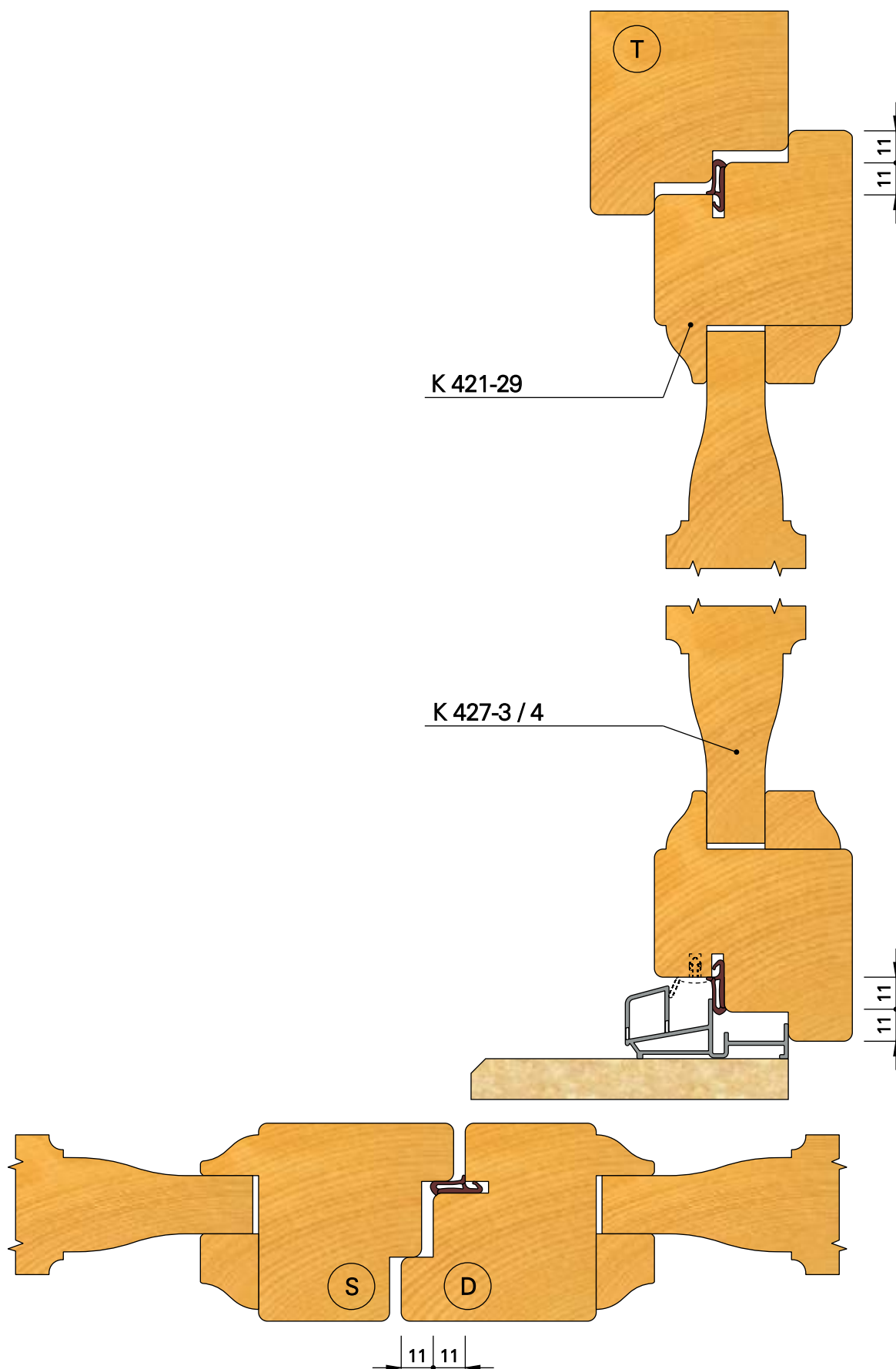
Juego de cabezales para perfiles con doble galces.



Jeu de porte - outils pour profils à double feuillure.



Messerkopfsatz für Doppelfalz - Profil.



Example of external door.



Ejemplo de puerta exterior.



Exemple de porte extérieure.



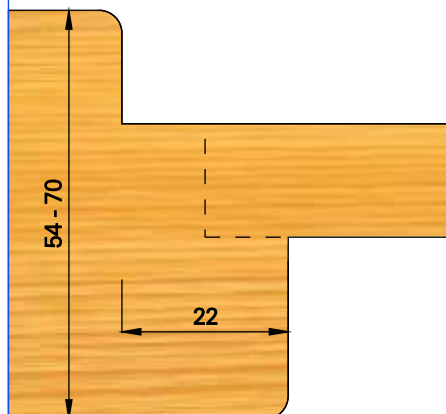
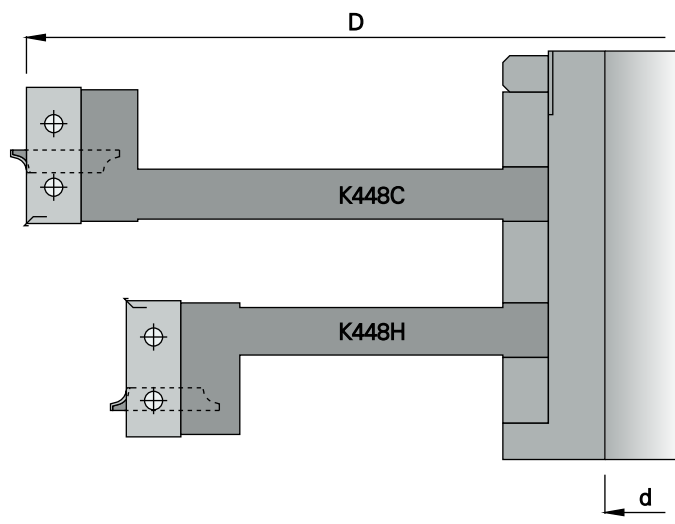
Beispiel von Aussentür.



HW

MAN

n 2700 - 4600



				45°	R 1.5	R 3
D	d	Z	COD.	COD.	COD.	COD.
290	30	4	K448103000	K448103045	K4481030R1	K4481030R3
290	31.75	4	K448103100	K448103145	K4481031R1	K4481031R3
290	35	4	K448103500	K448103545	K4481035R1	K4481035R3
290	40	4	K448104000	K448104045	K4481040R1	K4481040R3
290	50	4	K448105000	K448105045	K4481050R1	K4481050R3

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

COD.	COD.	COD.	COD.	COD.	COD.
0480030014	0480050030	0480502600	048060C000	0480700612	0480700620
COD.	COD.	COD.	COD.	COD.	
048074A510	048074B515	K480110000	K480130000	K480150000	
COD.	COD.	COD.	COD.	COD.	COD.
K480120000	K480140000	K480160000	K48062E000	0480783000	048078T200



Set of tenoning cutter heads.



Juego de cabezales para espigar.



Jeu de porte - outils à tenonner.



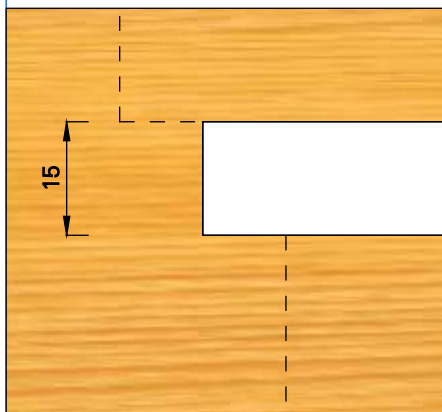
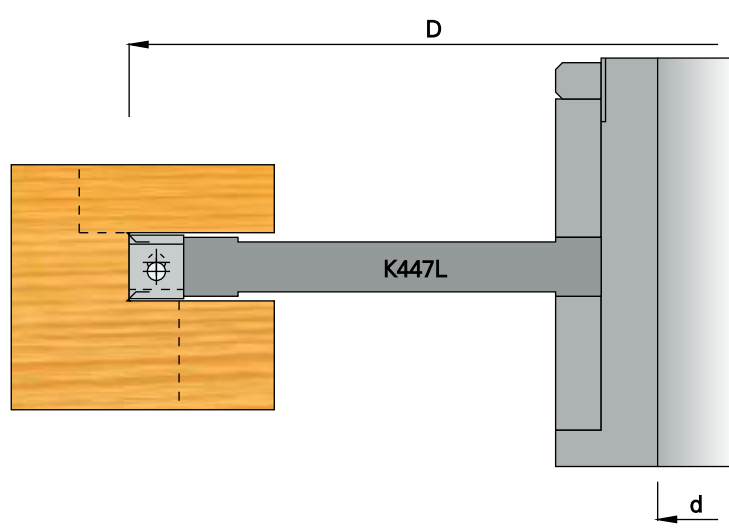
Zapfenkopfsatz.



HW

MAN

n 2900 - 4900



D	d	Z	V	COD.
268	30	4	4	K447103000
268	31.75	4	4	K447103100
268	35	4	4	K447103500
268	40	4	4	K447104000
268	50	4	4	K447105000

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.

0480030014



COD.

0480050012



COD.

0480501000



COD.

048060B000



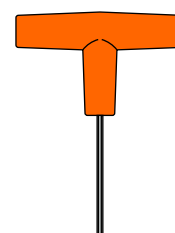
COD.

0480700512



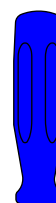
COD.

048074A510



COD.

0480782500



COD.

048078T200



Sleeved slotting cutter head for frame.



Cabezal para almillar el marco.



Porte - outils à enfourchement pour le chassis.



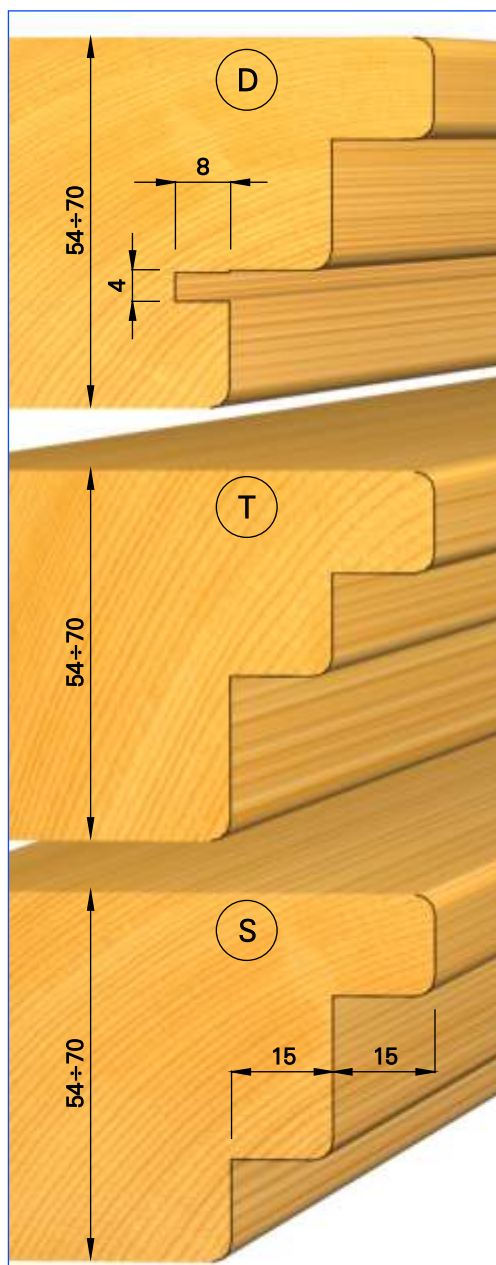
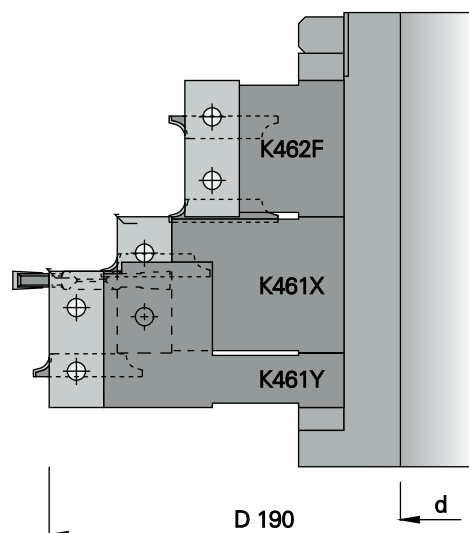
Schlitz - Scheibenkopf Türdichtung.



HW

MAN

n 3700 - 6300



				45°	R 1.5	R 3
D	d	Z	COD.	COD.	COD.	COD.
190	30	2	K461203000	K461203045	K4612030R1	K4612030R3
190	31.75	2	K461203100	K461203145	K4612031R1	K4612031R3
190	35	2	K461203500	K461203545	K4612035R1	K4612035R3
190	40	2	K461204000	K461204045	K4612040R1	K4612040R3
190	50	2	K461205000	K461205045	K4612050R1	K4612050R3

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

COD.	COD.	COD.	COD.	COD.	COD.
0480030014	0480050030	0480502600	048060C000	0480700612	0480700620
COD.	COD.	COD.	COD.	COD.	
048074A510	048074B515	048074C515	K48017E000	K48062E000	
COD.	COD.	COD.	COD.	COD.	
K480110000	K480130000	K480150000			
COD.	COD.	COD.	COD.	COD.	
K480120000	K480140000	K480160000			
			COD.	COD.	
			0480783000	048078T200	



Cutter head set for double - rebate profiles.



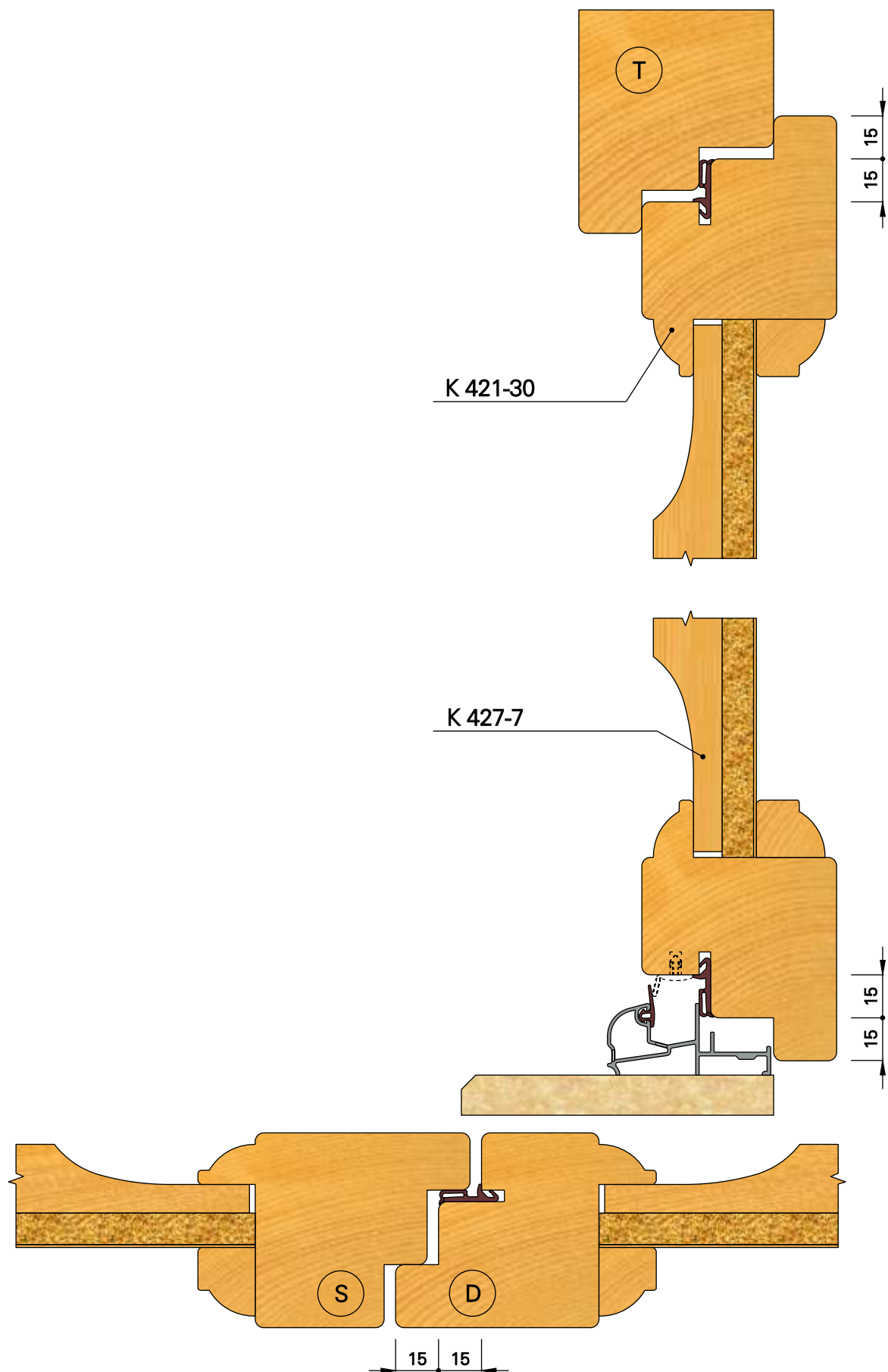
Juego de cabezales para perfiles con doble galces.



Jeu de porte - outils pour profils à double feuillure.



Messerkopfsatz für Doppelfalz - Profil.



Example of external door.



Ejemplo de puerta exterior.



Exemple de porte extérieure.



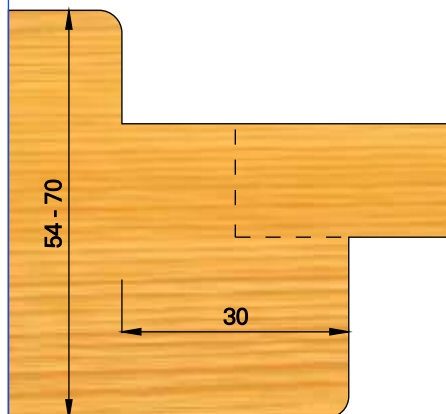
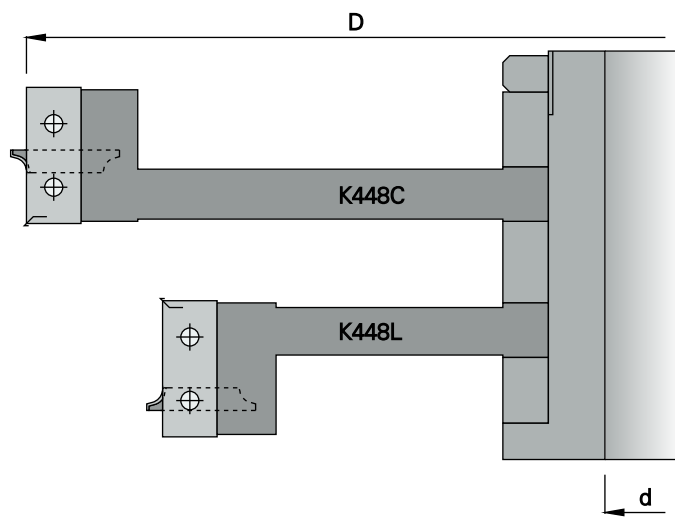
Beispiel von Aussentür.



HW

MAN

n 2700 - 4600



45° R 1.5 R 3						
D	d	Z	COD.	COD.	COD.	COD.
290	30	4	K448053000	K448053045	K4480530R1	K4480530R3
290	31.75	4	K448053100	K448053145	K4480531R1	K4480531R3
290	35	4	K448053500	K448053545	K4480535R1	K4480535R3
290	40	4	K448054000	K448054045	K4480540R1	K4480540R3
290	50	4	K448055000	K448055045	K4480550R1	K4480550R3

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

COD.	COD.	COD.	COD.	COD.	COD.
0480030014	0480050030	0480502600	048060C000	0480700612	0480700620
COD.	COD.	COD.	COD.	COD.	
048074A510	048074B515	K480110000	K480130000	K480150000	
COD.	COD.	COD.	COD.	COD.	COD.
K480120000	K480140000	K480160000	K48062E000	0480783000	048078T200



Set of tenoning cutter heads.



Juego de cabezales para espigar.



Jeu de porte - outils à tenonner.



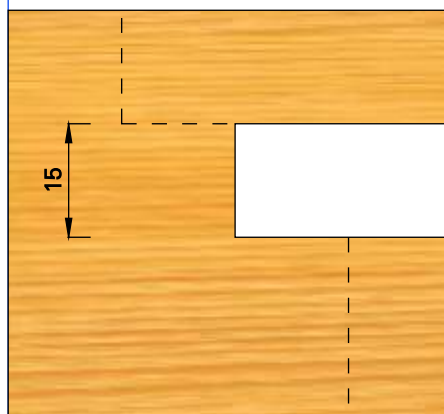
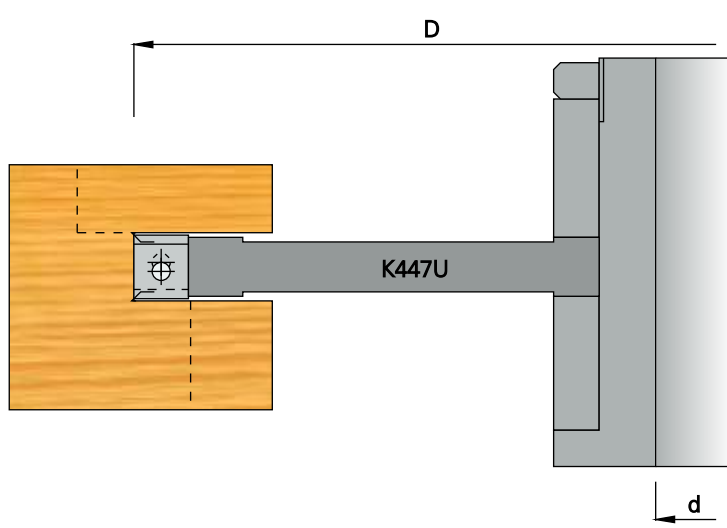
Zapfenkopfsatz.



HW

MAN

n 2900 - 5100



D	d	Z	V	COD.
260	30	4	4	K447173000
260	31.75	4	4	K447173100
260	35	4	4	K447173500
260	40	4	4	K447174000
260	50	4	4	K447175000

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.

0480030014



COD.

0480050012



COD.

0480501000



COD.

048060B000



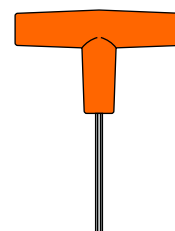
COD.

0480700512



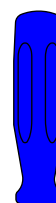
COD.

048074A510



COD.

0480782500



COD.

048078T200



Sleeved slotting cutter head for frame.



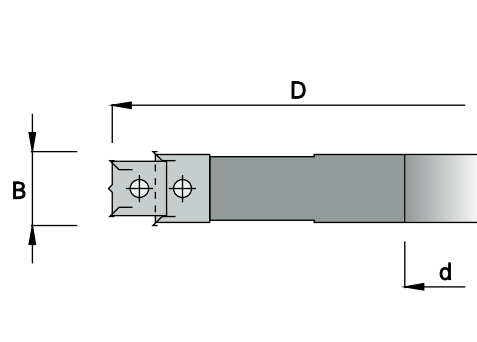
Cabezal para almillar el marco.



Porte - outils à enfourchement pour le chassis.



Schlitz - Scheibenkopf Türdichtung.

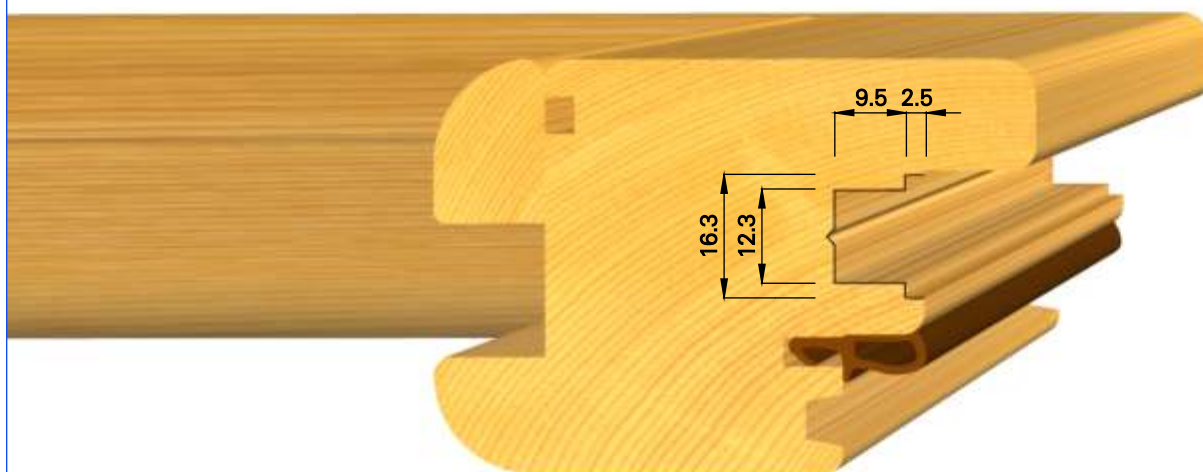


HW

MAN

n 4700 - 8100

D	B	d	Z	V	COD.
164	16.3	30	2+2	8	K443B16430
164	16.3	35	2+2	8	K443B16435
164	16.3	40	2+2	8	K443B16440
164	16.3	50	2+2	8	K443B16450



Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.

0480030014



COD.

K480430000



COD.

0480050015



COD.

0480501000



COD.

0480501300



COD.

048060B000



COD.

048060C000



COD.

0480700512



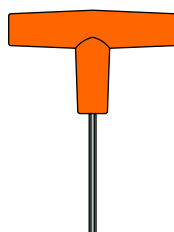
COD.

0480700612



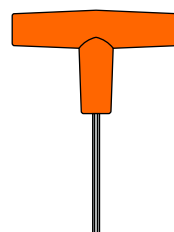
COD.

048074A510



COD.

0480782500



COD.

0480783000



Cutter head for fitting groove.



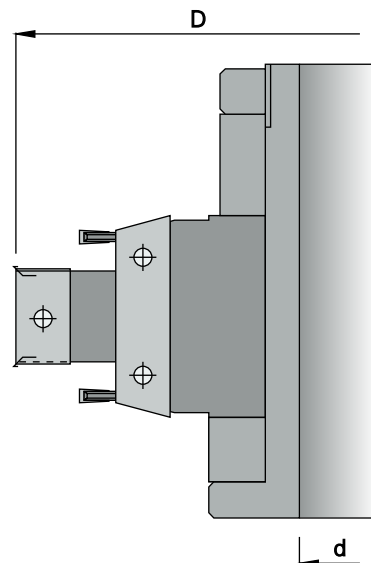
Cabezal para falleba.



Porte - outil pour cremone.



Messerkopf für Beschlagnut.

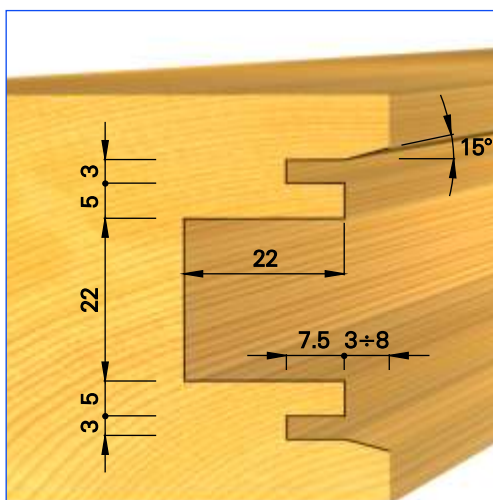


HW

MAN

n 4800 - 8300

D	d	Z	COD.
160	30	2+2	K439B16030
160	31.75	2+2	K439B16031
160	35	2+2	K439B16035
160	40	2+2	K439B16040
160	50*	2+2	K439B16050



* Senza mozzo / Without sleeve / Sans manchon / Sin casquillo / Ohne Spannbuchse.

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.
0480030014



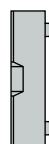
COD.
0480050020



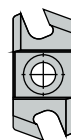
COD.
K48039B000



COD.
0480501800



COD.
0480503600



COD.
K48017A000



COD.
048060C000



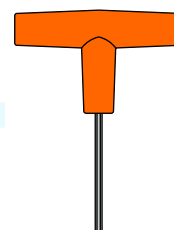
COD.
0480700612



COD.
048074A510



COD.
048074C515



COD.
0480783000



COD.
048078T200



Cutter head for sliding doors.



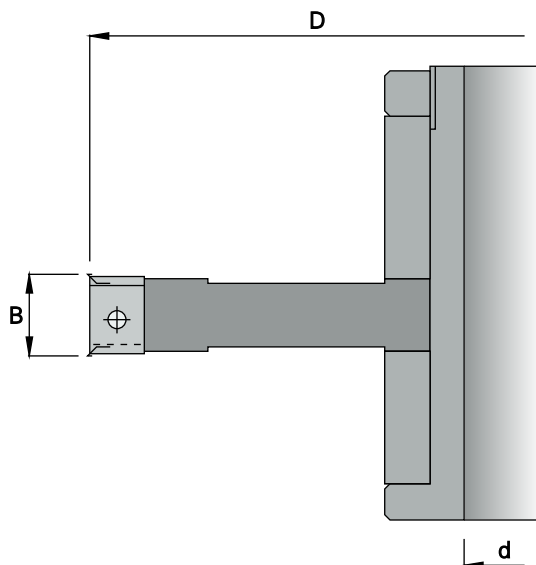
Cabezal para ventana corredera.



Porte - outil pour chassis coulissants.



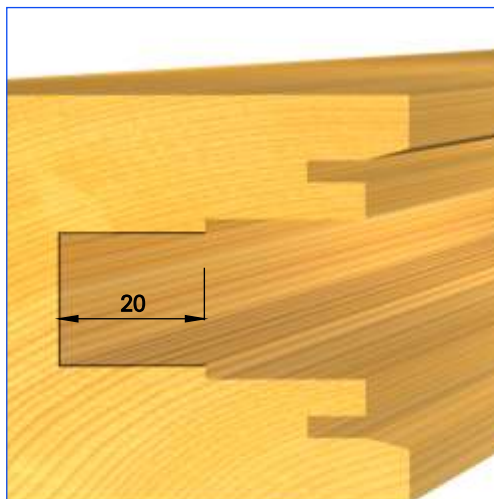
Messerkopf für Schiebetüren.



HW

MAN

n 3900 - 6600



D	B	d	Z	V	COD.
200	18	30	2	4	K439C20030
200	18	31.75	2	4	K439C20031
200	18	35	2	4	K439C20035
200	18	40	2	4	K439C20040
200	18	50*	2	4	K439C20050

* Senza mozzo / Without sleeve / Sans manchon / Sin casquillo / Ohne Spannbuchse.

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.
0480030014



COD.
0480050015



COD.
0480501300



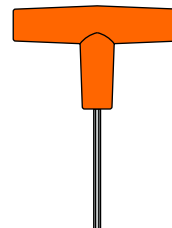
COD.
048060C000



COD.
0480700612



COD.
048074A510



COD.
0480783000



COD.
048078T200



Cutter head for sliding doors.



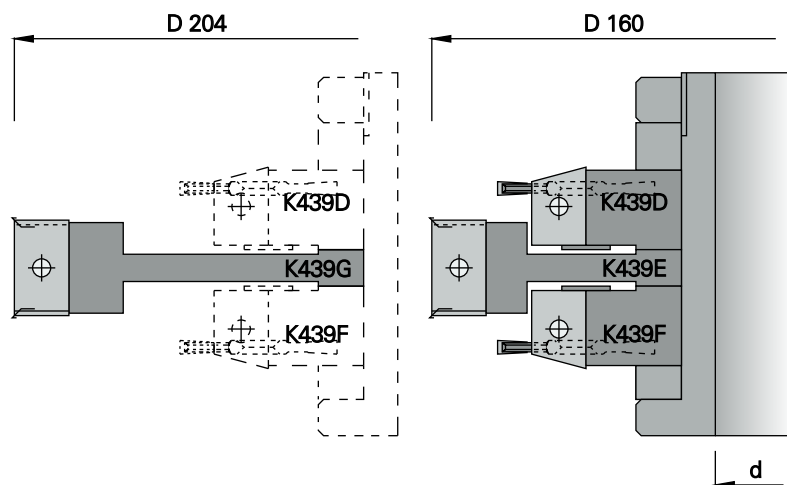
Cabezal para ventana corredera.



Porte - outil pour chassis coulissants.



Messerkopf für Schiebentüren.



HW

MAN

D 160 n 4800 - 8300
D 204 n 3800 - 6500

SET COMPLETO (K 439 D + K 439 E + K 439 F + K 439 G)

D	d	Z	COD.
160 / 204	30	2	K439013000
160 / 204	31.75	2	K439013100
160 / 204	35	2	K439013500
160 / 204	40	2	K439014000
160 / 204	50*	2	K439015000

* Senza mozzo / Without sleeve / Sans manchon / Sin casquillo / Ohne Spannbuchse.

ART.	D	d	Z	COD.
K439 - D	116	50	2	K439D05000
K439 - E	160	50	2	K439E05000
K439 - F	116	50	2	K439F05000
K439 - G	204	50	2	K439G05000

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

COD. 0480030014	COD. 0480050020	COD. K48039D000	COD. K48039F000	COD. 0480501800	COD. 048053K439
COD. 048060B000	COD. 048060C000	COD. 0480700512	COD. 0480700612	COD. K48017A000	
COD. 048074A510	COD. 048074C515	COD. 048073A000	COD. 0480782500	COD. 0480783000	COD. 048078T200



Cutter head set for sliding doors.



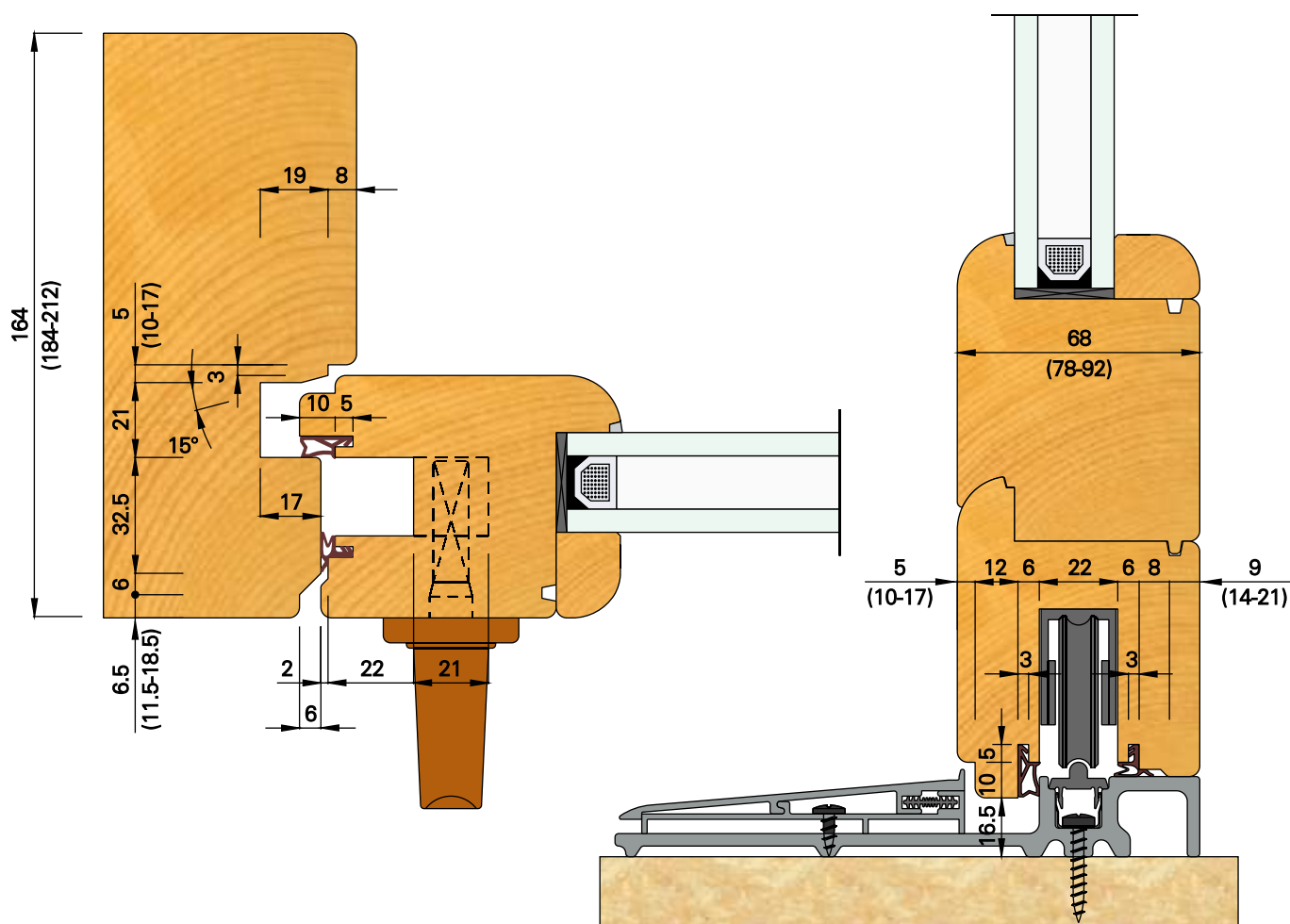
Juego de cabezales para ventana corredera.



Jeu de porte - outils pour chassis coulissants.



Messerkopfsatz für Schiebetüren.



Example of a sliding door.



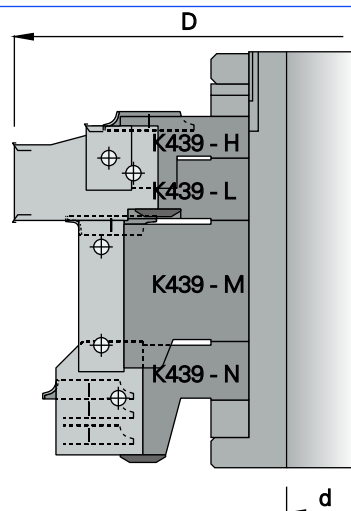
Ejemplo de ventana corredera.



Exemple de chassis coulissants.



Beispiel von Schiebetüren.



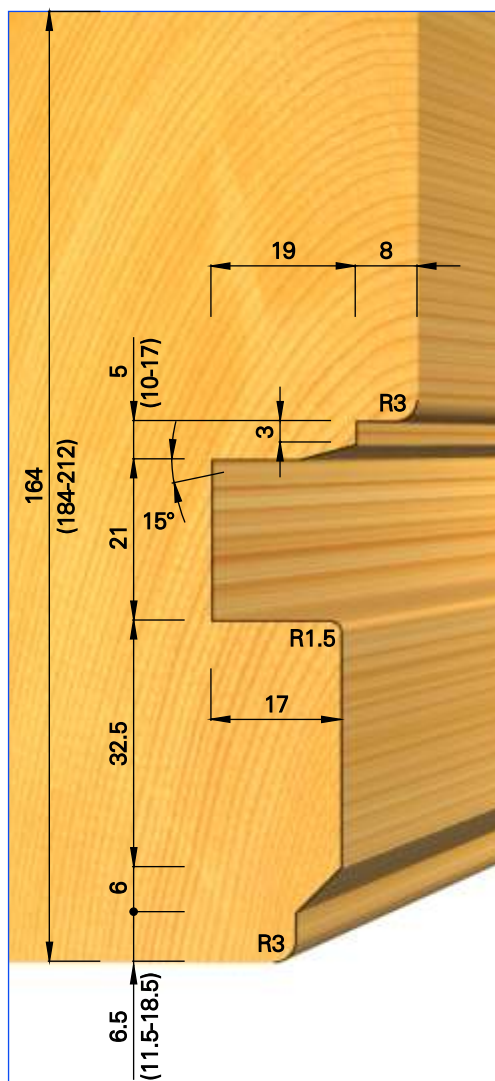
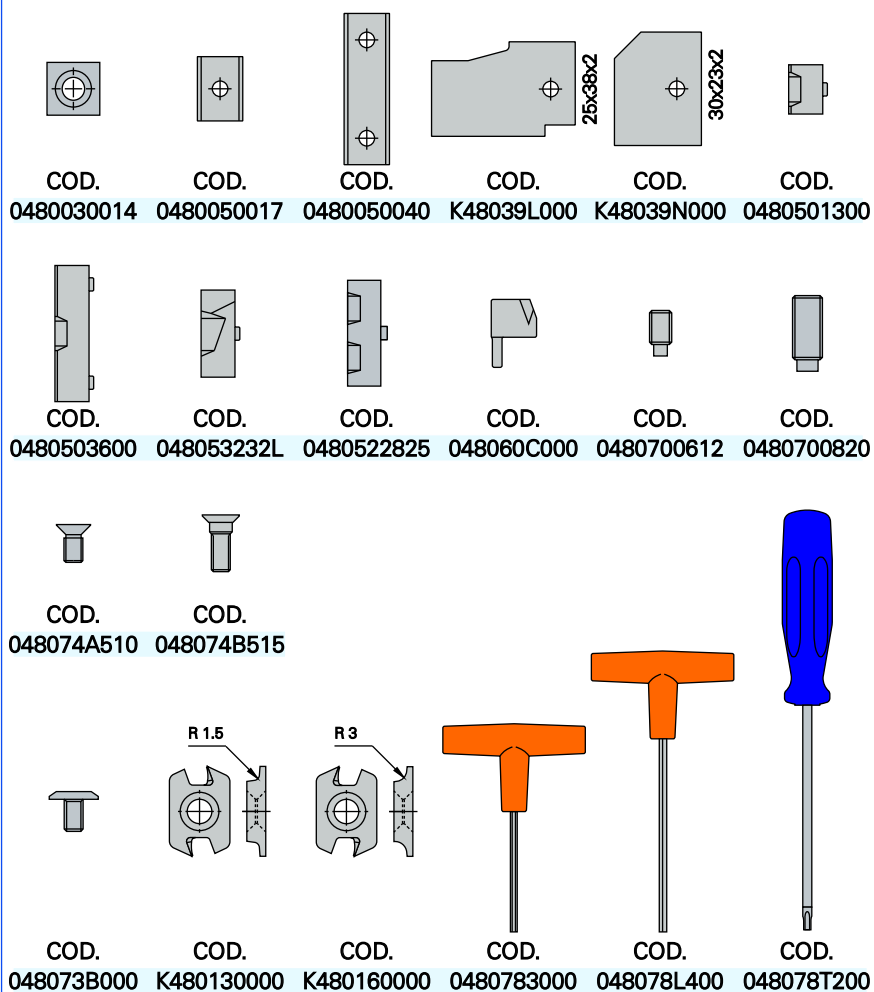
HW

MAN

n 4200 - 7200

D	d	Z	V	COD.
184	30	2	2+2	K439023000
184	31.75	2	2+2	K439023100
184	35	2	2+2	K439023500
184	40	2	2+2	K439024000
184	50	2	2+2	K439025000

Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile

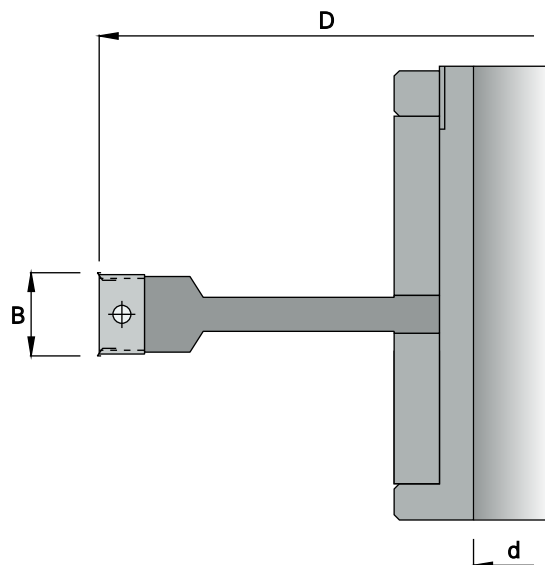


 Cutter head set for sliding doors.

 Juego de cabezales para ventana corredera.

 Jeu de porte - outils pour chassis coulissants.

 Messerkopfsatz für Schiebetüren.

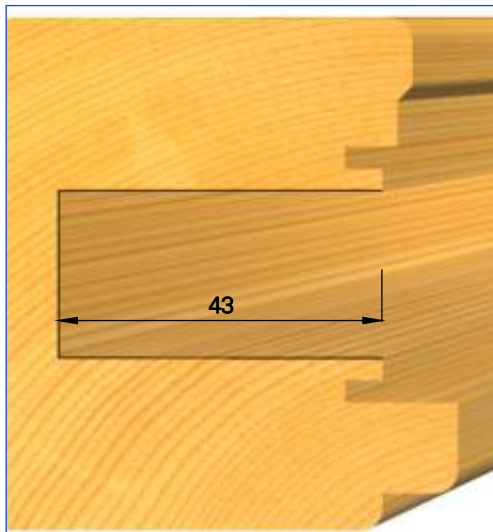


HW

MAN

n 3200 - 5500

D	B	d	Z	V	COD.
236	22	30	4	4	K439Z23630
236	22	31.75	4	4	K439Z23631
236	22	35	4	4	K439Z23635
236	22	40	4	4	K439Z23640
236	22	50	4	4	K439Z23650



Ricambi / Spare parts / Rechanges / Repuestos / Ersatzteile



COD.
0480030014



COD.
0480050020



COD.
0480501800



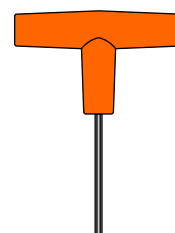
COD.
048060C000



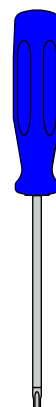
COD.
0480700612



COD.
048074A510



COD.
0480783000



COD.
048078T200



Cutter head for sliding doors.



Cabezal para ventana corredera.



Porte - outil pour chassis coulissants.



Messerkopf für Schiebetüren.