



04

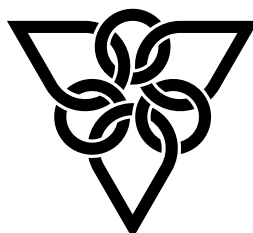
Profilfräsen

Fräswerkzeuge mit Bohrung, profiliert

Tools with bore, profiled



ProChipper[®]

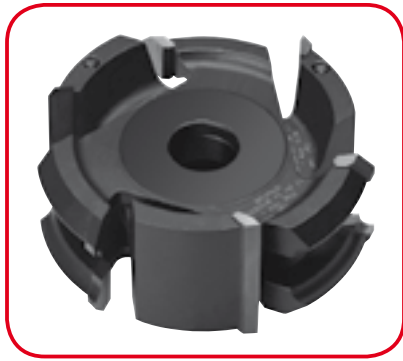


tooling systems

8214

HW Fase- Abrund- Fügefräsergarnitur, verstellbar - Festbestückt

TC Jointing- bevelling- rounding cutterset, adjustable - Tipped



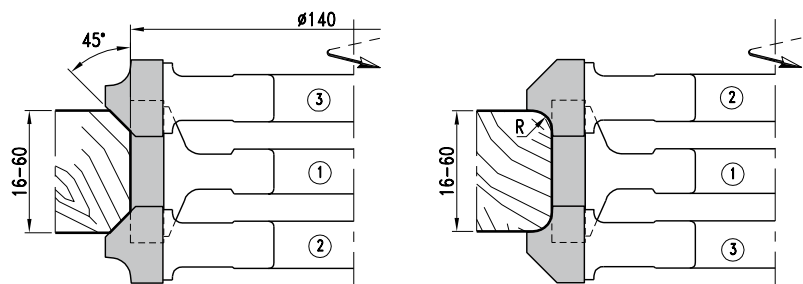
- HW-Bestückte Füge, Fase- oder Abrund- Fräser. Kombinations-Werkzeuge zum Fügen, Fasen bzw. Abrunden variabler Holzstärken für mechanischen Vorschub
- TC-Tipped Jointing, bevelling- or rounding- cutter. Combination-tools for jointing and profiling a bevel or round edge on top and bottom for mechanical feed.

MEC HW

Nr.	D	B	d	Z	R	n max	PG	Art. Nr.
1	140	60	30/50	3		8500	02	8214.140.060
2	153	18		3	5	8500	02	8214.153.018
3	153	18		3	5	8500	02	8214.153.118
1+2+3						8500	02	8214.000.000

Zwischenringsatz • Spacer set

B	PG	Art. Nr.
22	02	703.015



- Einstellung der Holzstärke mit Zwischenringen. Einstellbar von 16mm - 60mm Holzstärke.
- Adjustment of wood-thickness with spacers. Adjustable from 16mm - 60mm wood-thickness.

8284

HW Abrund- und Fügefräsergarnitur verstellbar - Festbestückt

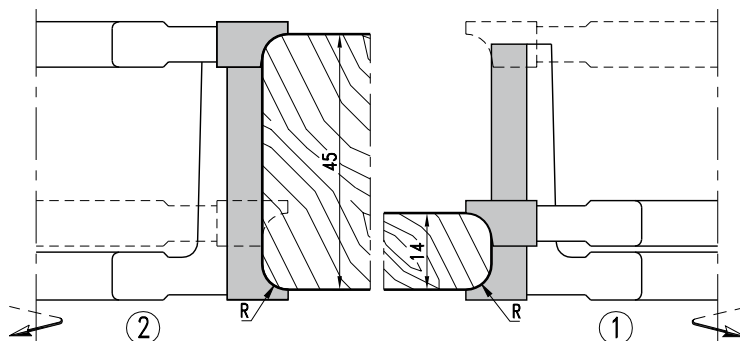
TC Jointing- rounding cutterset, adjustable - Tipped



- HW-Bestückte Füge- Abrund- Fräser. Kombinations-Werkzeuge zum Fasen bzw. Abrunden variabler Holzstärken für mechanischen Vorschub
- TC-Tipped Jointing- rounding- cutter. Combination-tools for jointing and profiling a bevel or round edge on top and bottom for mechanical feed.

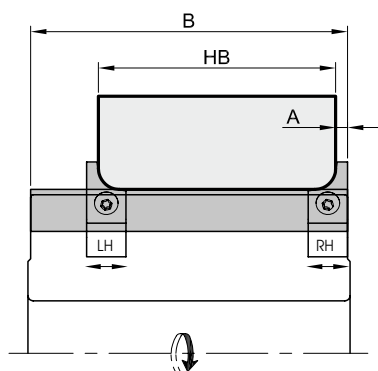
MEC HW

Nr.	D	d	Z	R	n max	PG	Art. Nr.
1	140	50	4	3	9500	02	8284.140.003
1		50	4	5	9500	02	8284.140.005
1		50	4	8	9500	02	8284.140.008
2		50	4	3	9500	02	8284.140.103
2		50	4	5	9500	02	8284.140.105
2		50	4	8	9500	02	8284.140.108



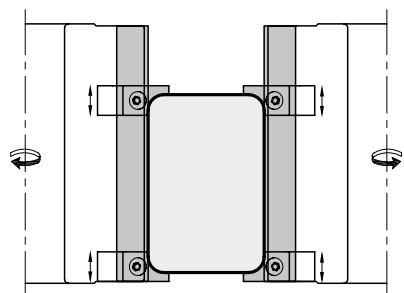
- Einstellung der Holzstärke mit Zwischenringen. Einstellbar von 14mm - 45mm Holzstärke
- Adjustment of wood-thickness with spacers. Adjustable from 14mm - 45mm wood-thickness.

120



	HB min	HB max	A
R2-6/45°	17	B-14	7
R8-10/45°	22	B-9	4,5

- Verstellbarkeit der Holzstärke
- Adjustment of wood thickness



- Werkzeugsystem für CentroLock-Wendemesser mit verschiebbaren Zusatzschneiden/Gleitschuhen zum Abrunden oder Anfasen. Zusatzschneiden verfügbar zum Abrunden R=2 bis R=10 bzw. 45° Anfasen. Einstellung der abzurundenden Holzbreite über Verschieben der Gleitschuhe auf metrischer Laserskala.
- Lieferung Hobelkopf erfolgt inkl. HS-CentroLock Wendemessern. Rundungs-Fasemesser bitte nach Bedarf bestellen (nicht beinhaltet).
- Toolsystem for CentroLock knives with moveable sliding blocks and rounding- or chamfering-knives. Available standard moveable knives to round from R=2 to R=10 or to chamfer 45°. Adjustment of woodwidth by moving the sliding block with knife or lasermarked metric scale.
- Planerhead supplied with HS-CentroLock knives. Please order additional sliding blocks and needed rounding-bevelling knives (not included).

							MEC	HW	HS
D	B	d	Z	C	n max	PG	Art. Nr.		
125	130	40	2	2+2	9000	02	1214.125.130		
	180	40	2	2+2	9000	02	1214.125.180		
	240	40	2	2+2	9000	02	1214.125.240		

Auslieferung ohne Rundungs-/Fasemesser • Tipped without rounding/bevelling knives

Wechselmesser/Ersatzteile • Reversible knives/Spare parts						HW
	R/45°	Dim.	PG	Art. Nr. RH	Art. Nr. LH	
Radius-Fasemesser	2	15x20x2	02	765.587.02	765.587.12	
Rounding/bevelling knives	3	15x20x2	02	765.587.03	765.587.13	
	4	15x20x2	02	765.587.04	765.587.14	
	5	15x20x2	02	765.587.05	765.587.15	
	6	15x20x2	02	765.587.06	765.587.16	
	45°	15x20x2	02	765.587.45	765.587.55	
	8	15x23x2	02	765.587.08	765.587.18	
	10	15x23x2	02	765.587.10	765.587.20	
	45°	15x23x2	02	765.587.46	765.587.56	

Radius-Fasemesser zur Montage an Gleitschuhen • Rounding/bevelling knives to mount on sliding blocks

Gleitschuhe • Sliding blocks				
	R/45°	PG	Art. Nr. RH	Art. Nr. LH
	2-6/45°	02	709.587.11	709.587.01
	8-10/45°	02	709.587.12	709.587.02

Wendehobelmesser • Planer knives		HS		HW
	Dim.	PG	Art. Nr. RH	Art. Nr. LH
CentroLock HS/HW Hobelmesser	130x16x3	02	776.130.016	796.130.016
CentroLock HS/HW planer knife	180x16x3	02	776.180.016	796.180.016
	240x16x3	02	776.240.016	796.240.016

3111**HS/HW Hydro Profilfräser - Festbestückt***HS/TC Hydro Profile cutter - Tipped*

Riffel-Profilbeispiel am Hydrofräser

*Example of a profiled hydro cutter***MEC**

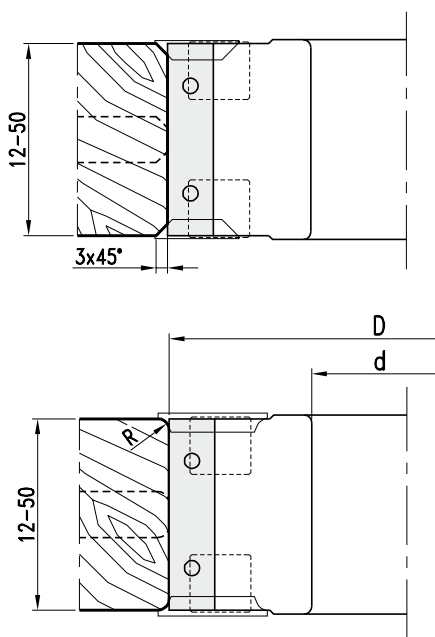
- Hydro-Profilhobelwerkzeuge mit hochgenauer zentrischer Hydrospannung für erhöhte Rundlaufgenauigkeit. Profilierung der festbestückten Hydroausführung mit Schneiden aus HSS bzw. HM nach Kundenwunsch. Diese Werkzeugsysteme führen zu einem gleichmäßigen, fast messerschlagfreiem Hobelbild. Möglichkeit der engen Verzahnung durch festbestückte Ausführung, führt zu erhöhter Produktivität bei großen Vorschubgeschwindigkeiten.
- Hydro-Profileplanerheads with highly accurate concentric clamping gives finishes almost free from cuttermarks. Profiling of tipped hydrocutters with HSS- or HM-knives on customers request. The design of this tipped tool systems provide an opportunity for a high number of tips.*

4869**HW Füge- Fase- Radienfräser, verstellbar - Wendemesser***TC Jointing, bevelling- and rounding cutterset, adjustable - Reversible knife*

- Fasefräser für Handvorschub. WP-Fase- oder Abrundfräser. Werkzeug zum Fügen, Fasen bzw. Abrunden variabler Holzstärken für manuellen Vorschub. Die Einstellung der zu rundenden bzw. anzufasenden Holzstärke erfolgt über an Skala verschiebbaren Messerträgern. Einstellbar von 12mm - 50mm Holzstärke.
- Bevelling cutter with reversible knives for manual feed. TC- bevelling- or rounding- cutter with reversible knives. Tool for jointing and profiling a bevel or round edge on top and bottom for manual feed. Adjustment of wood-thickness with knife-holder on lasermarked scale. For wood-thickness from 12mm to 50mm.*

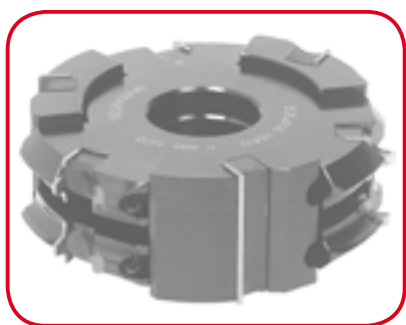
MAN HW

D	B	d	Z	C	n min -n max	PG	Art. Nr.
125	50	40/50	4	4	6200-10600	02	4869.125.050

Auslieferung mit Kantenrunder R=3 • *Cutterheads supplied with rounding blade R=3***Wendemesser/Ersatzteile • Reversible knives/Spare parts**

	Dim.	PG	Art. Nr.
Wendemesser • <i>Reversible knife</i>	50x12x1,5	02	750.106
Spannkeil • <i>Clamping wedge</i>		02	707.002.48
Gewindestift • <i>Screw</i>	M8x16	02	705.542
Fasemesser • <i>Chamfering knife</i>	45°	02	780.260
Kantenrunder • <i>edge rounding knife</i>	R=2	02	780.250
	R=3	02	780.251
Spannschraube • <i>Screw</i>	M5x13,5	02	705.318
Gewindestift • <i>Screw</i>	M5x12	02	705.523
Sechskantschlüssel • <i>T Wrench</i>	SW2,5 (M5)	02	706.102
	SW4 (M8)	02	706.104

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- WP-Füge- Fase- oder Abrund- Fräser. Kombinations-Werkzeuge zum Fasen bzw. Abrunden variabler Holzstärken für mechanischen Vorschub
- TC-Jointing-, bevelling- or rounding- cutter with reversible knives. Combination-tools for jointing and profiling a bevel or round edge on top and bottom for mechanical feed.

MEC HW

Nr.	D	B	d	Z	PG	Art. Nr.
1	100	30	30	2	02	5214.100.030
1		50		2	02	5214.100.050
1	125	30	40/50	3	02	5214.125.030
1		50		3	02	5214.125.050

MEC HW

Nr.	D	B	d	Z	R	PG	Art. Nr.
2	113	16	30	2	2,3,4,5,6 / 45°	02	5214.113.016 ●
2	137	16	40/50	3	2,3,4,5,6 / 45°	02	5214.137.016 ●
2	146	25	40/50	3	8,10 / 45°	02	5214.146.025 ●

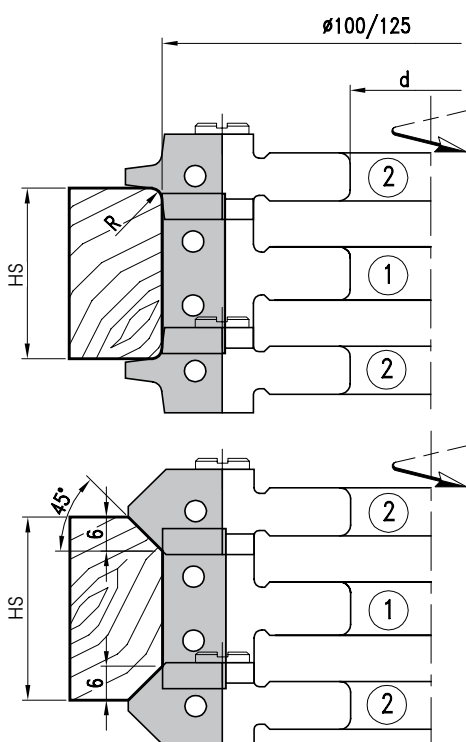
- Ohne Wendemesser. Bitte Wendemesser und Zwischenringsätze mitbestellen
- Cutterheads without knives. Please order reversible knives and spacer sets additional

- Einstellung der Holzstärke mit Zwischenringen. Einstellbare Holzstärken sind:
- Adjustment of wood-thickness with spacers. Adjustable wood-thickness:

D100/D113 B30 Z=2 R2-6 bzw. 45° → Holzstärke 12-39 mm
 D100/D113 B50 Z=2 R2-6 bzw. 45° → Holzstärke 16-60 mm
 D125/D137 B30 Z=3 R2-6 bzw. 45° → Holzstärke 12-39 mm
 D125/D137 B50 Z=3 R2-6 bzw. 45° → Holzstärke 16-60 mm
 D125/D146 B30 Z=3 R8-10 bzw. 45° → Holzstärke 20-47 mm
 D125/D146 B50 Z=3 R8-10 bzw. 45° → Holzstärke 20-67 mm

Wendemesser/Ersatzteile • Reversible knives/Spare parts

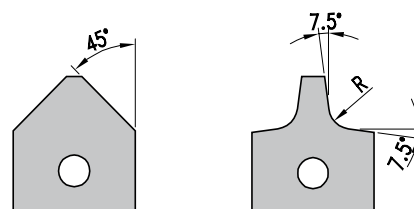
	Dim.	R	PG	Art. Nr.
Wendemesser • Reversible knife	30x12x1,5		02	750.104
	50x12x1,5		02	750.106
Wechselmesser • Reversible knife	16x17,5x2	R2	02	765.101
	16x17,5x2	R3	02	765.102
	16x17,5x2	R4	02	765.103
	16x17,5x2	R5	02	765.104
	16x17,5x2	R6	02	765.105
	25x25x2	R8	02	765.107
	25x25x2	R10	02	765.109
	16x17,5x2	7x45°	02	765.501
	25x25x2	10x45°	02	765.502
Spannkeil • Clamping wedge	B30		02	707.001.28
	B50		02	707.001.48
		R2-6 / 45°	02	707.155
		R8-10 / 45°	02	707.280
Gewindestift • Screw	M6x10	R2-6 / 45°	02	705.532
	M8x12	R8-10 / 45°	02	705.541
Sechskantschlüssel • T Wrench	SW3 (M6)		02	706.103
	SW4 (M8)		02	706.104

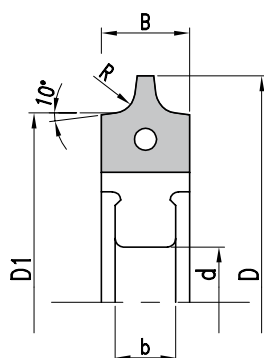


	Nr.1(B 30)		Nr.1(B 50)	
	HS min-max	2 x (1)	HS min-max	2 x (1)
R2-6/45°	12-39	703.009	16-60	703.015
R8-12/45°	20-47	703.010	20-67	703.012

(1) Verstellbarkeit der Holzstärke, Art. Nr. Zwischenringsatz • Adjustment of wood thickness (HS), Art. Nr. spacer set

• RPM	D 100-113	n max 11800
	D 125-137	n max 9100
	D 125-146	n max 9100





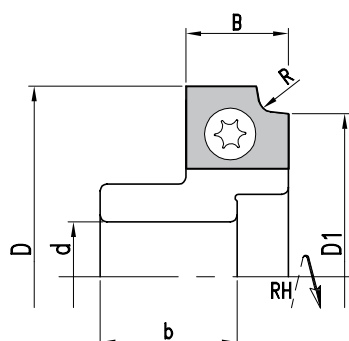
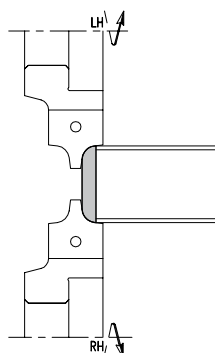
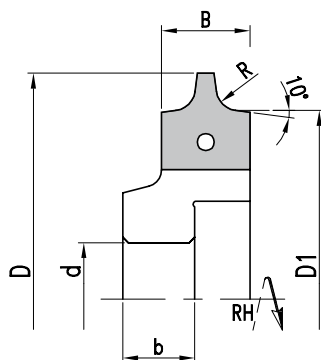
- WP-Abrundfräser zum Abrunden der Anleimerkante an Kantenbearbeitungsanlagen mit mechanischem Vorschub.
- TC-Rounding-cutter with reversible knives. For rounding edge bandings on edge processing units with mechanical feed.

MEC **HW**

D	D1	B/b	d	DKN	R	Z	n max	PG	Art. Nr.
Homag - Gabbiani - Ott									
73	61,0	16/11	16	5x2,3	2	3	18000	02	5114.073.002
	61,0	16/11	16	5x2,3	3	3	18000	02	5114.073.003
	61,0	16/11	16	5x2,3	4	3	18000	02	5114.073.004
	61,0	16/11	16	5x2,3	5	3	18000	02	5114.073.005
HolzHer									
73	61,0	16/11	20	6x3,5	2	3	18000	02	5114.173.002
	61,0	16/11	20	6x3,5	3	3	18000	02	5114.173.003
	61,0	16/11	20	6x3,5	4	3	18000	02	5114.173.004
	61,0	16/11	20	6x3,5	5	3	18000	02	5114.173.005
IDM									
73,3	61,3	16/10	16	5x2,3	2	3	18000	02	5114.273.002
	61,3	16/10	16	5x2,3	3	3	18000	02	5114.273.003
	61,3	16/10	16	5x2,3	4	3	18000	02	5114.273.004
	61,3	16/10	16	5x2,3	5	3	18000	02	5114.273.005
IMA - Wilmsmeyer									
82	70,0	16/11	20	6x3,5	2	4	18000	02	5114.082.002
	70,0	16/11	20	6x3,5	3	4	18000	02	5114.082.003
	70,0	16/11	20	6x3,5	4	4	18000	02	5114.082.004
	70,0	16/11	20	6x3,5	5	4	18000	02	5114.082.005

Wendemesser/Ersatzteile • Reversible knives/Spare parts

	Dim.	R	PG	Art. Nr.
Wendemesser • Reversible knife	16x17,5x2	R 2	02	765.101
	16x17,5x2	R 3	02	765.102
	16x17,5x2	R 4	02	765.103
	16x17,5x2	R 5	02	765.104
Spannkeil • Clamping wedge			02	707.155
Gewindestift • Screw	M6x12		02	705.533
Sechskantschlüssel • T Wrench	SW3		02	706.103



- WP-Abrundfräser zum Abrunden der Anleimerkante an Kantenbearbeitungsanlagen mit mechanischem Vorschub.
- TC- Rounding- cutter with reversible knives. For rounding edge bandings on edge processing units with mechanical feed.

MEC HW

D	D1	B/b	d	DKN	R	Z	n max	PG	Art. Nr. RH	Art. Nr. LH
IMA										
82	70	16/13	20	6x3,5	2	4	18000	02	5174.082.002	5174.082.102
	70	16/13	20	6x3,5	3	4	18000	02	5174.082.003	5174.082.103
	70	16/13	20	6x3,5	4	4	18000	02	5174.082.004	5174.082.104
	70	16/13	20	6x3,5	5	4	18000	02	5174.082.005	5174.082.105

Wendemesser/Ersatzteile • Reversible knives/Spare parts

	Dim.	R	PG	Art. Nr.
Wendemesser • Reversible knife	16x17,5x2	R 2	02	765.101
	16x17,5x2	R 3	02	765.102
	16x17,5x2	R 4	02	765.103
	16x17,5x2	R 5	02	765.104
Spannkeil • Clamping Wedge			02	707.155
Gewindestift • Screw	M6x12		02	705.533
Sechskantschlüssel • T Wrench	SW3		02	706.103

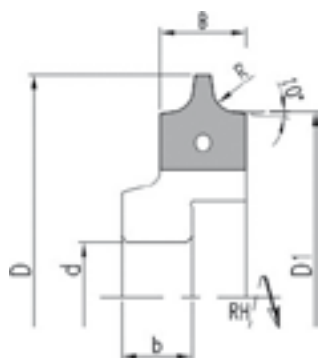
- WP-Abrundfräser zum Abrunden der Anleimerkante an Kantenbearbeitungsanlagen mit mechanischem Vorschub.
- TC- Rounding- cutter with reversible knives. For rounding edge bandings on edge processing units with mechanical feed.

MEC HW

D	D1	B/b	d	DKN	R	Z	n max	PG	Art. Nr. RH	Art. Nr. LH
SCM										
55,5	47,5	15/20	20	6x3,5	1,0	2	18000	02	5174.056.001	5174.056.101
	47,5	15/20	20	6x3,5	1,5	2	18000	02	5174.056.002	5174.056.102
	47,5	15/20	20	6x3,5	2,0	2	18000	02	5174.056.202	5174.056.302
	47,5	15/20	20	6x3,5	2,5	2	18000	02	5174.056.003	5174.056.103
	47,5	15/20	20	6x3,5	3,0	2	18000	02	5174.056.203	5174.056.303

Wendemesser/Ersatzteile • Reversible knives/Spare parts

	Dim.	R	PG	Art. Nr.
Wendemesser • Reversible knife	15x12x1,5	R 1,0	02	765.200
	15x12x1,5	R 1,5	02	765.201
	15x12x1,5	R 2,0	02	765.202
	15x12x1,5	R 2,5	02	765.203
	15x12x1,5	R 3,0	02	765.204
Torx Schrauben • Screw	M3,5x7,5		02	705.352
Torx-Schlüssel • T Wrench	T15		02	706.302

5174**HW Kantenradienfräser - Wendemesser***TC Radiuscutter for edgebanding machine - Reversible knife*

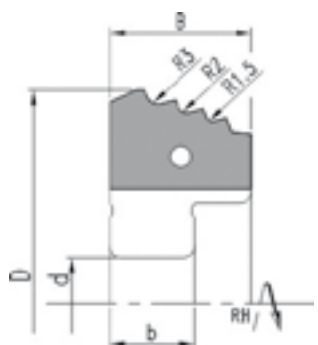
- WP-Abrundfräser zum Abrunden der Anleimerkante an Kantenbearbeitungsanlagen mit mechanischem Vorschub.
- TC- Rounding- cutter with reversible knives. For rounding edge bandings on edge processing units with mechanical feed.

HW

D	B/b	d	DKN	R	Z	n max	PG	Art. Nr. RH	Art. Nr. LH
Biese									
70	16/19	16	5x2,3	2	6	18000	02	5174.070.002	5174.070.102
70	16/19	16	5x2,3	3	6	18000	02	5174.070.003	5174.070.103
70	16/19	16	5x2,3	4	6	18000	02	5174.070.004	5174.070.104
70	16/19	16	5x2,3	5	6	18000	02	5174.070.005	5174.070.105

Wendemesser/Ersatzteile • Reversible knives/Spare parts

	Dim.	R	PG	Art. Nr.
Wendemesser • Reversible knife	16x17,5x2	R 2	02	765.101
	16x17,5x2	R 3	02	765.102
	16x17,5x2	R 4	02	765.103
	16x17,5x2	R 5	02	765.104
Spannkeil • Clamping Wedge			02	707.155
Gewindestift • Screw	M6x12		02	705.533
Sechskantschlüssel • T Wrench	SW3		02	706.103

5174**HW Kantenradienfräser - Wendemesser***TC Radiuscutter for edgebanding machine - Reversible knife*

- WP-Multi-Abrundfräser für unterschiedliche Radien beim Abrunden der Anleimerkante an Kantenbearbeitungsanlagen mit mechanischem Vorschub.
- TC- Multi-rounding- cutter for different radii with reversible knives. For rounding edge bandings on edge processing units with mechanical feed.

HW

D	B	d	DKN	R	Z	n max	PG	Art. Nr. RH	Art. Nr. LH
Biese									
75	25	20	6x3,5	1,5/2/3	4	18000	02	5174.075.002	5174.075.102

Wendemesser/Ersatzteile • Reversible knives/Spare parts

Wendemesser • Reversible knife	25x18,5x2	R 1,5/R2/R3	02	765.112
Spannkeil • Clamping wedge			02	707.557.01
Gewindestift • Screw	M6x12		02	705.533
Sechskantschlüssel • T-Wrench	SW3		02	706.103

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- WP-Abrundfräser mit HSK25R Aufnahme zum Abrunden der Anleimerkante an Kantenbearbeitungsanlagen mit mechanischem Vorschub.
- TC- Rounding- cutter with HSK25R adaptor for reversible knives. For rounding edge bandings on edge processing units with mechanical feed.

MEC HW

D	b	d	Z	R	n max	PG	Art. Nr. RH	Art. Nr. LH
Homag - IMA								
79	23	HSK25R	4	2	18000	02	5112.079.002	5112.079.102
79	23	HSK25R	4	3	18000	02	5112.079.003	5112.079.103
85	24	HSK25R	4	4	17700	02	5112.085.004	5112.085.104
85	24	HSK25R	4	5	17700	02	5112.085.005	5112.085.105

Wechselmesser/Ersatzteile • Reversible knives/Spare parts

	R	Dim.	PG	Art. Nr. RH	Art. Nr. LH
Wechselmesser • Reversible knife	2	12x17x2	02	765.201	765.202
	3	12x17x2	02	765.203	765.204
	4	12x20x2	02	765.205	765.206
	5	12x20x2	02	765.207	765.208
Spannkeil • Clamping wedge			02	707.900.01	707.900.02
Gewindestift • Screw		M6x12	02		705.533
Sechskantschlüssel • T Wrench		SW3	02		706.103
Spannschraube für • Screw for HSK25R		M10x1,25	02		705.099
Sechskantschlüssel • T Wrench		SW10	02		706.107

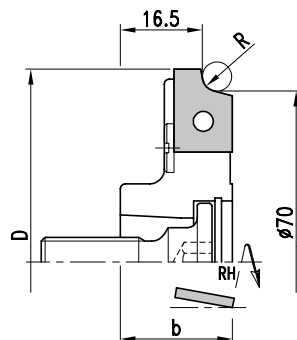
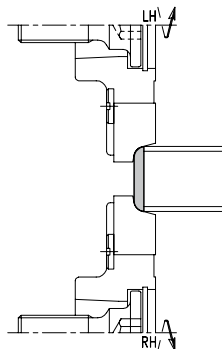
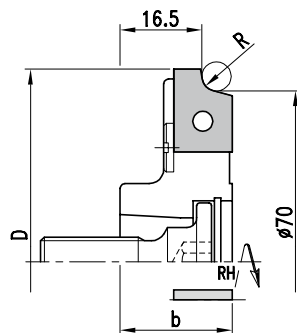
MEC HW

D	b	d	Z	R	n max	PG	Art. Nr. RH	Art. Nr. LH
Homag - IMA								
79	23	HSK25R	4	2	18000	02	5112.079.202	5112.079.302
79	23	HSK25R	4	3	18000	02	5112.079.203	5112.079.303

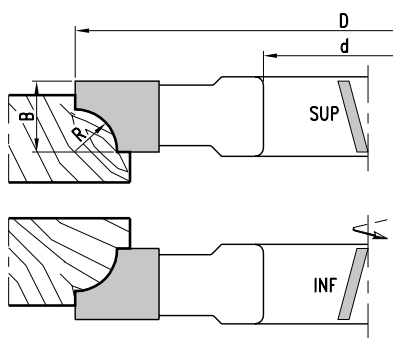
- Ausführung mit ziehendem Schnitt • With axial angle

Wendmesser/Ersatzteile • Reversible knives/Spare parts

	R	Dim.	PG	Art. Nr. RH	Art. Nr. LH
Wendmesser • Reversible knife	2	12x17x2	02	765.209	765.210
	3	12x17x2	02	765.211	765.212
Spannkeil • Clamping wedge			02	707.902.03	707.902.04
Gewindestift • Screw		M6x12	02		705.533
Spannschraube für • Screw for HSK25R		M10x1,25	02		705.099
Sechskantschlüssel • T Wrench		SW10	02		706.107



- Mit ziehendem Schnitt
- With axial angle



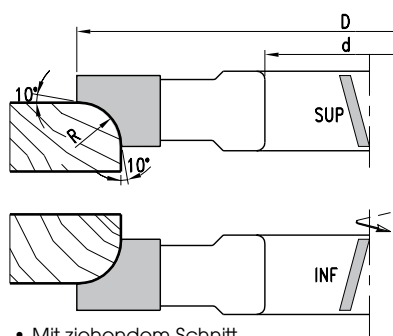
- Mit ziehendem Schnitt
- With axial angle

- HW- bestückter Viertelstabfräser zum Abrunden mit ziehendem Schnitt. Ausführung zum Kehlen für manuellen Vorschub. Ausführung ohne Auslauf.
- TC-Tipped quarter round cutter for rounding with axial angle. Layout for concave fillets and manual feed. Type without profile relief.

MAN **HW**

D	B	d	Z	R	n min -n max	PG	Art.Nr. INF.	Art. Nr. SUP.
140	12	30/50	4	5	5500-9500	02	8619.140.012	8619.140.112
	14	30/50	4	7	5500-9500	02	8619.140.014	8619.140.114
	15	30/50	4	8	5500-9500	02	8619.140.015	8619.140.115
	17	30/50	4	10	5500-9500	02	8619.140.017	8619.140.117
	19	30/50	4	12	5500-9500	02	8619.140.019	8619.140.119
	22	30/50	4	15	5500-9500	02	8619.140.022	8619.140.122
	27	30/50	4	20	5500-9500	02	8619.140.027	8619.140.127
150	33	30/50	4	25	5200-8900	02	8619.150.033	8619.150.133
160	40	30/50	4	30	4800-8300	02	8619.160.040	8619.160.140
180	50	30/50	4	40	4300-7400	02	8619.180.050	8619.180.150

- HW- bestückter Viertelstabfräser zum Abrunden mit ziehendem Schnitt. Ausführung mit beidseitigem Auslauf für manuellen Vorschub
- TC-Tipped quarter round cutter for rounding with axial angle. Layout with relief for manual feed.

MAN **HW**


- Mit ziehendem Schnitt
- With axial angle

D	B	d	Z	R	n min -n max	PG	Art. Nr. INF.	Art. Nr. SUP.
140	12	30/50	4	5	5500-9500	02	8619.140.212	8619.140.312
	14	30/50	4	7	5500-9500	02	8619.140.214	8619.140.314
	15	30/50	4	8	5500-9500	02	8619.140.215	8619.140.315
	17	30/50	4	10	5500-9500	02	8619.140.217	8619.140.317
	19	30/50	4	12	5500-9500	02	8619.140.219	8619.140.319
	22	30/50	4	15	5500-9500	02	8619.140.222	8619.140.322
	27	30/50	4	20	5500-9500	02	8619.140.227	8619.140.327
150	33	30/50	4	25	5200-8900	02	8619.150.233	8619.150.333
160	40	30/50	4	30	4800-8300	02	8619.160.240	8619.160.340
180	50	30/50	4	40	4300-7400	02	8619.180.250	8619.180.350

- Ausführung mit 10° Auslauf
- Type with 10° profile relief

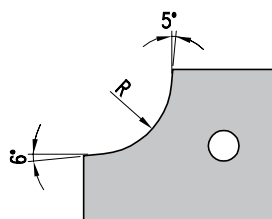
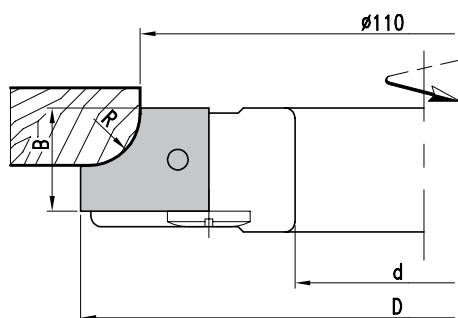
4119**HW Radiusfräser - Wechselmesser***TC Quarter round cutter - Reversible knife*

- WP-Abrundfräser für verschiedene Radienprofile. Ausformung des Grundkörpers eignet sich zur Verwendung unterschiedlicher Radienprofile. Ausführung für manuellen Vorschub.
- TC-Rounding-cutter for reversible knives. The toolbody allows to hold different radius profiles. Layout for manual feed.

MAN HW

D	B	d	Z	R	n min -n max	PG	Art. Nr.
125,5	20	30/50	3	5/7	6100-10500	02	4119.126.020 ●
132,5	20	30/50	3	8/10	5800-10000	02	4119.133.020 ●
141,0	25	30/50	3	12/15	5400-9400	02	4119.141.025 ●

● ohne Wendemesser ● cutterheads supplied without knives

**Wechselmesser/Ersatzteile • Reversible knives/Spare parts**

	Dim.	R	PG	Art. Nr.
Wechselmesser • Reversible knife	20x20x2	5	02	775.201
	20x20x2	7	02	775.202
	20x25x2	8	02	775.203
	20x25x2	10	02	775.204
	25x30x2	12	02	775.205
	25x30x2	15	02	775.206
Spannkeil • Clamping wedge		5/7	02	707.180
		8/10	02	707.181
		12/15	02	707.182
Gewindestift • Screw	M8x16		02	705.542
Sechskantschlüssel • T Wrench	SW4		02	706.104

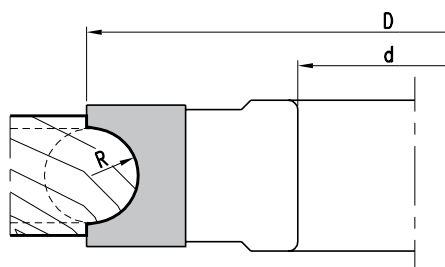
8119**HW Halbstabfräser - Festbestückt***TC Half round cutter - Tipped*

- HW- bestückter Halbstabfräser mit achsparallelen Schneiden. Ausführung für manuellen Vorschub
- TC-Tipped half round cutter with straight cut. Layout for manual feed.

MAN HW

D	B	d	Z	R	n min -n max	PG	Art. Nr.
140	26	30/50	4	6	5500-9500	02	8119.140.026
	28	30/50	4	7,5	5500-9500	02	8119.140.028
	30	30/50	4	10	5500-9500	02	8119.140.030
	40	30/50	4	12,5	5500-9500	02	8119.140.040
	45	30/50	4	15	5500-9500	02	8119.140.045
	50	30/50	4	17,5	5500-9500	02	8119.140.050
	55	30/50	4	20	5500-9500	02	8119.140.055
150	65	30/50	4	25	5200-8900	02	8119.150.065

- Serienartikel, kurzfristige Fertigung bei Bestellung
- Standard article, short-time production after order



4179**HW Halbstabfräser - Wechselmesser***TC Half round cutter - Reversible knife*

- WP-Halbstabfräser mit achsparallelen Schneiden. Ausführung für manuellen Vorschub
- TC-Tipped half round cutter with reversible knives and straight cut. Layout for manual feed.

MAN HW

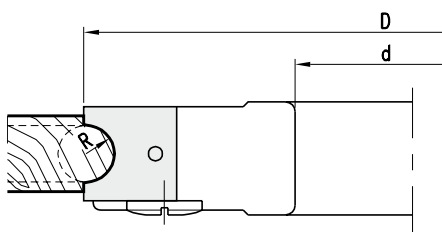
D	B	d	Z	R	n min -n max	PG	Art. Nr.
140	20	30/50	3	4/5/6	5500-9500	02	4179.140.020 ●
	30	30/50	3	8/10	5500-9500	02	4179.140.030 ●

● ohne Wechselmesser ● cutterheads supplied without knives

Bitte bestellen Sie mit Angabe des gewünschten Radius • Please order with needed radius

Wechselmesser/Ersatzteile • Reversible knives/Spare parts

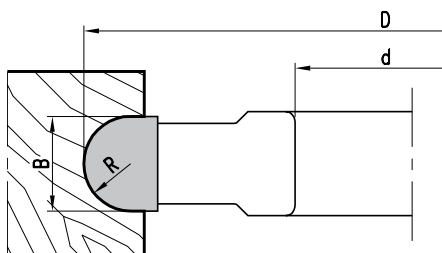
	Dim.	R	PG	Art. Nr.
Wechselmesser • Reversible knife	20x20x2	4	02	785.761
	20x20x2	5	02	785.762
	20x20x2	6	02	785.763
	30x25x2	8	02	785.764
	30x25x2	10	02	785.765
Spannkeil • Clamping wedge	4/5/6	02		707.002.18
	8/10	02		707.812
Gewindestift • Screw	M8x16		02	705.542
Sechskantschlüssel • T Wrench	SW4		02	706.104

**8184****HW Hohlkehlfraßer - Festbestückt***TC Half round convex cutter - Tipped*

- HW- bestückter Hohlkehlfraßer mit achsparallelen Schneiden. Ausführung für manuellen Vorschub
- TC-Tipped half round convex cutter with straight cut. Layout for manual feed.

MAN HW

D	B	d	Z	R	n min -n max	PG	Art. Nr.
140	5	30/50	4	2,5	5500-9500	02	8184.140.005
	6	30/50	4	3,0	5500-9500	02	8184.140.006
	8	30/50	4	4,0	5500-9500	02	8184.140.008
	10	30/50	4	5,0	5500-9500	02	8184.140.010
	12	30/50	4	6,0	5500-9500	02	8184.140.012
	15	30/50	4	7,5	5500-9500	02	8184.140.015
	20	30/50	4	10,0	5500-9500	02	8184.140.020
	40	30/50	4	20,0	5500-9500	02	8184.140.040

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8679

HW Halbhohlkehlfräser - Festbestückt

TC Quarter round convex cutter - Tipped

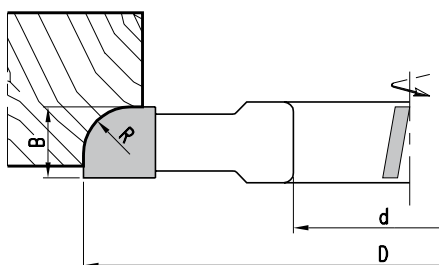


- HW- bestückter Halbhohlkehlfräser, Schneiden mit Achswinkel.
Ausführung für manuellen Vorschub
- TC-Tipped quarter round convex cutter with axial angle. Layout for manual feed.

MAN HW

D	B	d	Z	R	n min -n max	PG	Art. Nr.
140	10	30/50	4	5	5500-9500	02	8679.140.010
	15	30/50	4	10	5500-9500	02	8679.140.015
	20	30/50	4	15	5500-9500	02	8679.140.020
	25	30/50	4	20	5500-9500	02	8679.140.025

- Mit ziehendem Schnitt
- With axial angle

**8719**

HW Harzgallenfräser - Festbestückt

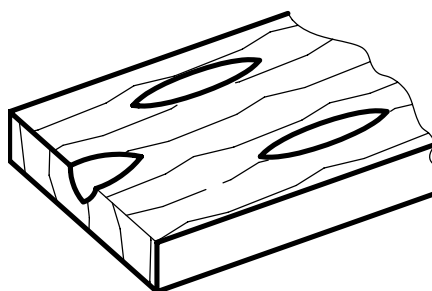
TC Resin pocket cutter - Tipped



- HW-bestückter Harzgallenfräser zum Ausfräsen von verharzten oder beschädigte Stellen mit Handmaschinen. Z.B. für Reparatursystem Lamello MINISPOT 8mm.
Ausführung für manuellen Vorschub.
- TC-Tipped resin pocket cutter fits f.ex. to repair system Lamello MINISPOT 8mm.
Layout for manual feed.

MAN HW

D	B	d	Z	ML	n min -n max	PG	Art. Nr.
100	8	22	4	4/4,3/36	7800-13300	02	8719.100.008
	15	22	4	2/4,3/36	7800-13300	02	8719.100.015



01



Sägen

02



Zerspanen

03



Hobeln/Fräsen

04



Profilfräsen

05



Nutm- und Federfräsen

06



Oberfräsen

07



Bohren

08



PKD-Werkzeuge

09



Spannen

10



Ersatzteile

11



Informationen





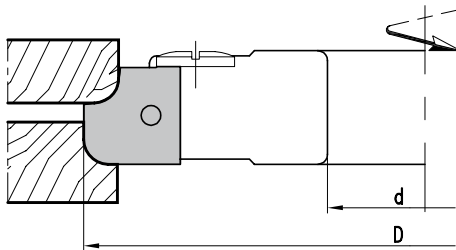
- WP-Radius-Profilfräser für verschiedene Radienprofile. Einseitig als Abplattfräser (gerade Abplattung) einsetzbar. Ausführung für manuellen Vorschub.
- TC-Radius-Profilcutter for reversible knives and different radiusprofiles. Tool can be used on one side as panel raising cutter (straight panel raising). Layout for manual feed.

MAN HW

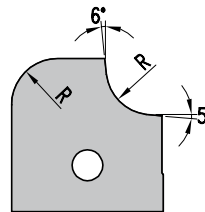
D	B	d	Z	R	n min -n max	PG	Art. Nr.
140	20	30/50	3	5/6/7	5500-9500	02	4189.140.020 ●
	25	30/50	3	8/10	5500-9500	02	4189.140.025 ●

● ohne Wechselsmesser ● cutterheads supplied without knives

Bitte bestellen Sie mit Angabe des gewünschten Radius • Please order with needed radius

**Wechselsmesser/Ersatzteile • Reversible knives/Spare parts**

	Dim.	R	PG	Art. Nr.
Wechselsmesser • Reversible knife	20x20x2	5	02	785.766
	20x20x2	6	02	785.767
	20x20x2	7	02	785.772
	25x25x2	8	02	785.773
	25x25x2	10	02	785.770
Spannkeil • Clamping wedge		5/6/7	02	707.002.18
		8/10	02	707.811
Gewindestift • Screw	M8x16	5/6/7	02	705.542
	M10x20	8/10	02	705.552
Sechskantschlüssel • T Wrench	SW4 (M8)		02	706.104
	SW5 (M10)		02	706.105





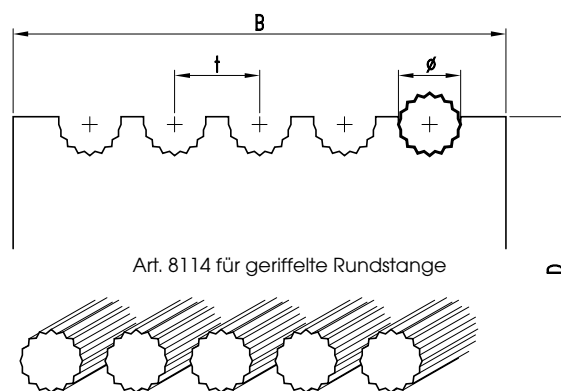
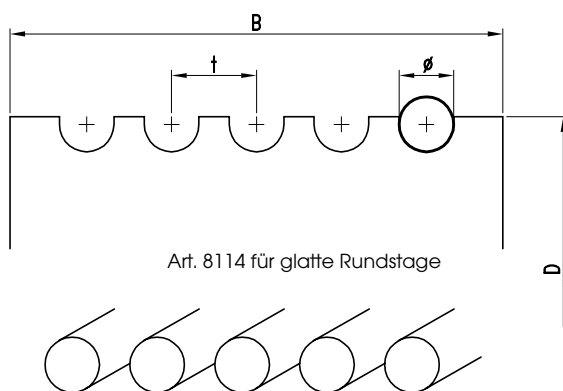
- HW- bestückte Multi-Dübelfräser zum Fräsen glatter oder geriffelter Rundstäbe.
Ausführung mit achtparallelen Schneiden mechanischen Vorschub.
- TC-Tipped multiple dowel cutter for smooth or serrated dowels.
Layout with straight cut for mechanical feed.

Auf Anfrage • Under request
MEC HW HS

D	d	n max	PG		
120-130	30(-50)	10200	02	8114.120.102	3114.120.202
131-140	30(-50)	9500	02	8114.131.095	3114.131.195
141-150	30(-50)	8900	02	8114.141.089	3114.141.189
151-160	30(-50)	8300	02	8114.151.083	3114.151.183

- Gemäß DIN 68150
- According to DIN 68150

- Serienartikel, kurzfristige Fertigung bei Bestellung
- Standard article, short-time production after order

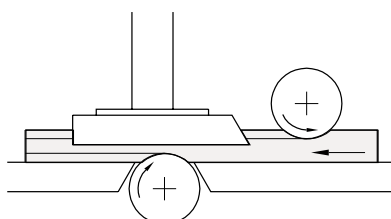


HS											
Ø	6	8	10	12	14	15	16	18	20	25	
t	7	9	11	13,5	15,5	16,5	17,5	19,5	22	27	
• Stabanzahl • Nr. of dowels	B= Schnittbreite • B= Cutter width										
	2	23	27	31	35,5	39,5	41,5	43,5	47,5	56	66
	3	30	36	42	49	55	58	61	67	78	93
	4	37	45	53	62,5	70,5	74,5	78,5	86,5	100	120
	5	44	54	64	76	86	91	96	106	122	-
	6	51	63	75	89,5	101,5	107,5	113,5	125,5	-	-
	7	58	72	86	103	117	124	-	-	-	-
	8	65	81	97	116,5	-	-	-	-	-	-

Berechnung für Randstegbreite 5mm

Calculated for nose-piece 5mm.

- Für optimale Ergebnisse sind Niederhalter erforderlich.
- In order to ensure perfect machining of dowels, the application of a guide rail is recommended.



8169

HW Multi-Profilfräser - Festbestückt

TC Multi-Profilecutter - Tipped

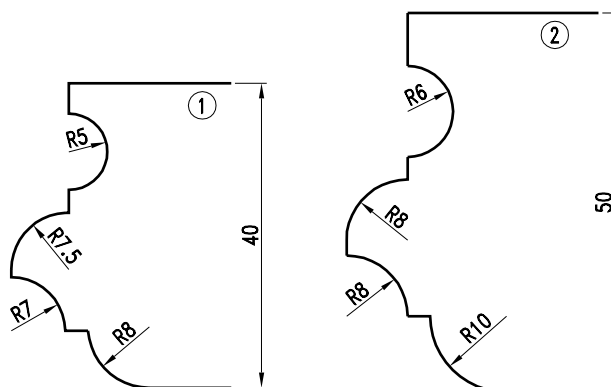


- HW- bestückte Multiprofilfräser mit achparallelen Schneiden. Ausführung für manuellen Vorschub.
- TC-Tipped Multi-Profilecutter with straight cut. Layout for manual feed.

MAN HW

Nr	D	B	d	Z	n min -n max	PG	Art. Nr.
1	120	40	30	2	6400-11100	02	8169.120.040
1	140	40	50	3	5500-9500	02	8169.140.040
2		50	50	3	5500-9500	02	8169.140.050

- Profilbeispiel
- profile example

**9199**

HW Multi-Profilfräser - Wechselmesser

TC Multi-Profilecutter - Reversible knife



- WP- bestückte Multiprofilfräser mit achparallelen Schneiden. HW-Sonderprofilmesser können ca. 3-4 Mal nachgeschärft werden. Ausführung für manuellen Vorschub.
- TC- Multi-Profilecutter for reversible knives with straight cut.
TC-Spezial profile knives are resharpenable 3 to 4 times. Layout for manual feed.

MAN HW

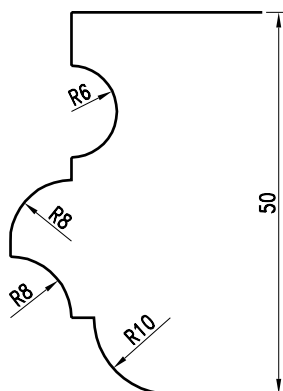
D	B	d	Z	n min -n max	PG	Art. Nr.
140	50	30/50	2	5500-9500	02	9199.140.050 ▣

▣ Ausführung mit Leichtmetall-Grundkörper • ▣ with light alloy body

Wechselmesser/Ersatzteile • Reversible knives/Spare parts

	Dim.	PG	Art. Nr.
Wechselmesser • Reversible knife	50x30x2	02	785.771
Spannkeil • Clamping wedge		02	707.952
Gewindestift • Screw	M8x16	02	705.542
Sechskantschlüssel • T Wrench	SW4	02	706.104

Blanketts nach Kundenwunsch frei profilierbar • Individual design of profile blanks



- Profilbeispiel
- profile example

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4199

HW Multi-Profilfräser Typ F - Wechsellmesser

TC Multi-Profilecutter Type F - Reversible knife



- WP- bestückte Multiprofilfräser mit achparallelen Schneiden. HW-Sonderprofilmesser können ca. 3-4 Mal nachgeschärft werden. Ausführung für manuellen Vorschub.
- TC- Multi-Profilecutter for reversible knives with straight cut. TC-Spezial profile knives are resharpenable 3 to 4 times. Layout for manual feed.

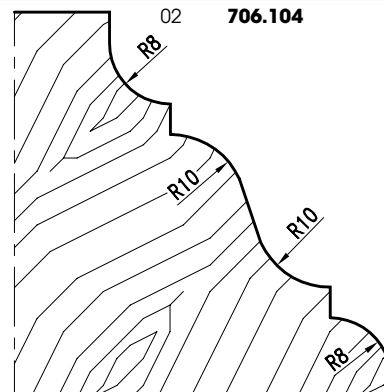
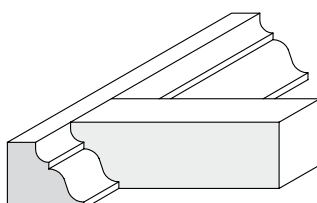
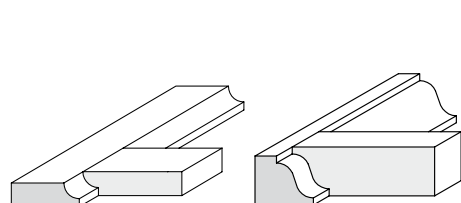
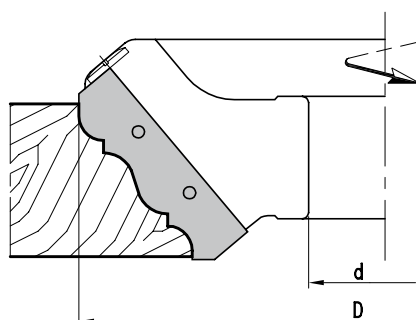
MAN HW

D	B	d	Z	n min -n max	PG	Art. Nr.
200	70	30/50	2	4500-7800	02	4199.200.070

- Serienartikel, kurzfristige Fertigung bei Bestellung
- Standard article, short-time production after order

Wechsellmesser/Ersatzteile • Reversible knives/Spare parts

	Dim.	PG	Art. Nr.
Wechsellmesser • Reversible knife	70x20x2	02	785.783
Spannkeil • Clamping wedge		02	707.002.68
Gewindestift • Screw	M8x16	02	705.542
Sechskantschlüssel • T Wrench	SW4	02	706.104



8689

HW Handlaufräser - Festbestückt

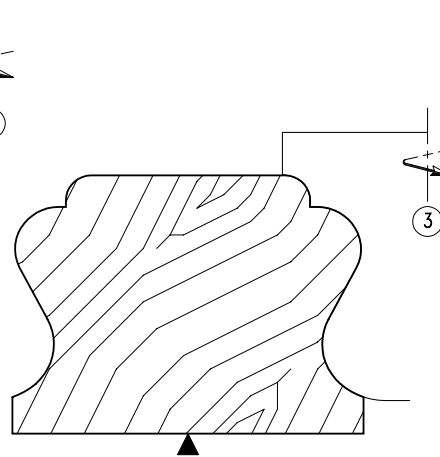
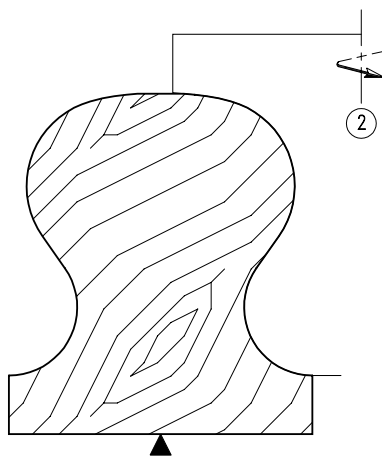
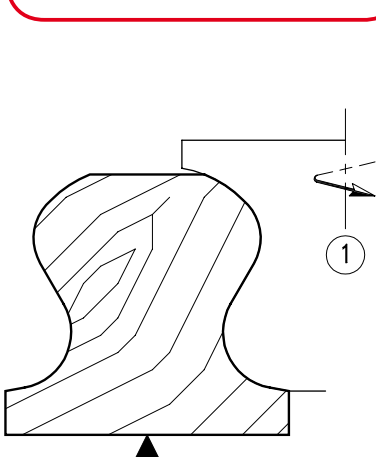
TC Handrail profilecutter - Tipped

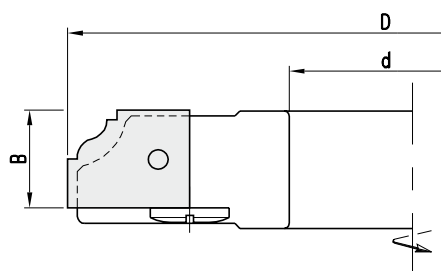


MAN HW

Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.
1	150	40	30/50	3	5200-8900	02	8689.150.040
2		70	30/50	3	5200-8900	02	8689.150.070
3		55	30/50	3	5200-8900	02	8689.150.055
4	160	75	30/50	3	4800-8300	02	8689.160.075
5	180	55	30/50	3	4300-7400	02	8689.180.055

- Fräswerkzeuge mit Bohrung, profiliert. Serienartikel, kurzfristige Fertigung bei Bestellung.
- Tools with bore, profiled. Standard article, short-time production after order.





- Typ A: Standard Blankett
- Type A: Standard blank

- WP- Multiprofilfräser mit achparallelen Schneiden zur Aufnahme von HW-Sonderprofilmessern mit Stützplatte. HW-Sonderprofilmesser können ca. 3-4 Mal nachgeschärft werden. Ausführung für mechanischen Vorschub.
- TC- Multi-Profilecutter with straight cut. Cutterhead for TC-special profile knives and backing plates. TC-Spezial profile knives are resharpenable 3 to 4 times. Layout for mechanical feed.

MEC HW

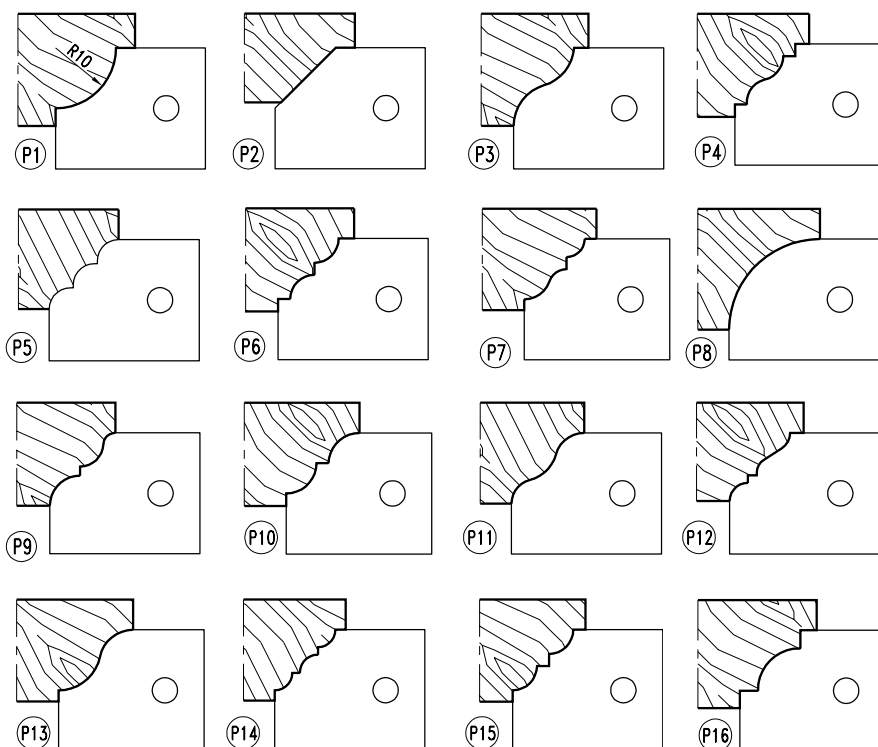
D	B	d	Z	n max	PG	Art. Nr.
140	20	50	3	9500	02	9114.140.020

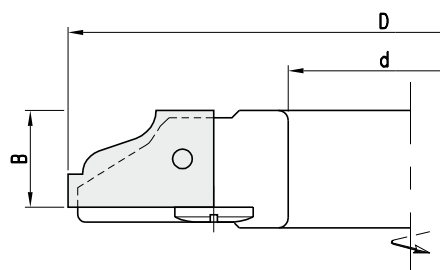
- ohne Wechselmesser • cutterheads supplied without reversible knives

Wechselmesser/Ersatzteile • Reversible knives/Spare parts

	P	Dim.	PG	Art. Nr.
Wechselmesser • Reversible knife	P1	20x25x2	02	785.631
	P2	20x25x2	02	785.632
	P3	20x25x2	02	785.633
	P4	20x25x2	02	785.634
	P5	20x25x2	02	785.635
	P6	20x25x2	02	785.636
	P7	20x25x2	02	785.637
	P8	20x25x2	02	785.638
	P9	20x25x2	02	785.639
	P10	20x25x2	02	785.640
	P11	20x25x2	02	785.641
	P12	20x25x2	02	785.642
	P13	20x25x2	02	785.643
	P14	20x25x2	02	785.644
	P15	20x25x2	02	785.645
	P16	20x25x2	02	785.646
Spannkeil • Clamping wedge			02	707.090
Gewindestift • Screw		M8x16	02	705.542
Sechskantschlüssel • T Wrench		SW4	02	706.104

- Blanketts nach Kundenwunsch frei profilierbar • Individual design of profile blanks





• Typ B: Standardblankett

• Type B: standard blank

- WP- Multiprofilfräser mit achparallelen Schneiden zur Aufnahme von HW-Sonderprofilmessern mit Stützplatte. HW-Sonderprofilmesser können ca. 3-4 Mal nachgeschärft werden. Ausführung für mechanischen Vorschub.
- TC- Multi-Profilecutter with straight cut. Cutterhead for TC-special profile knives and backing plates. TC-Spezial profile knives are resharpenable 3 to 4 times. Layout for mechanical feed.

MEC HW

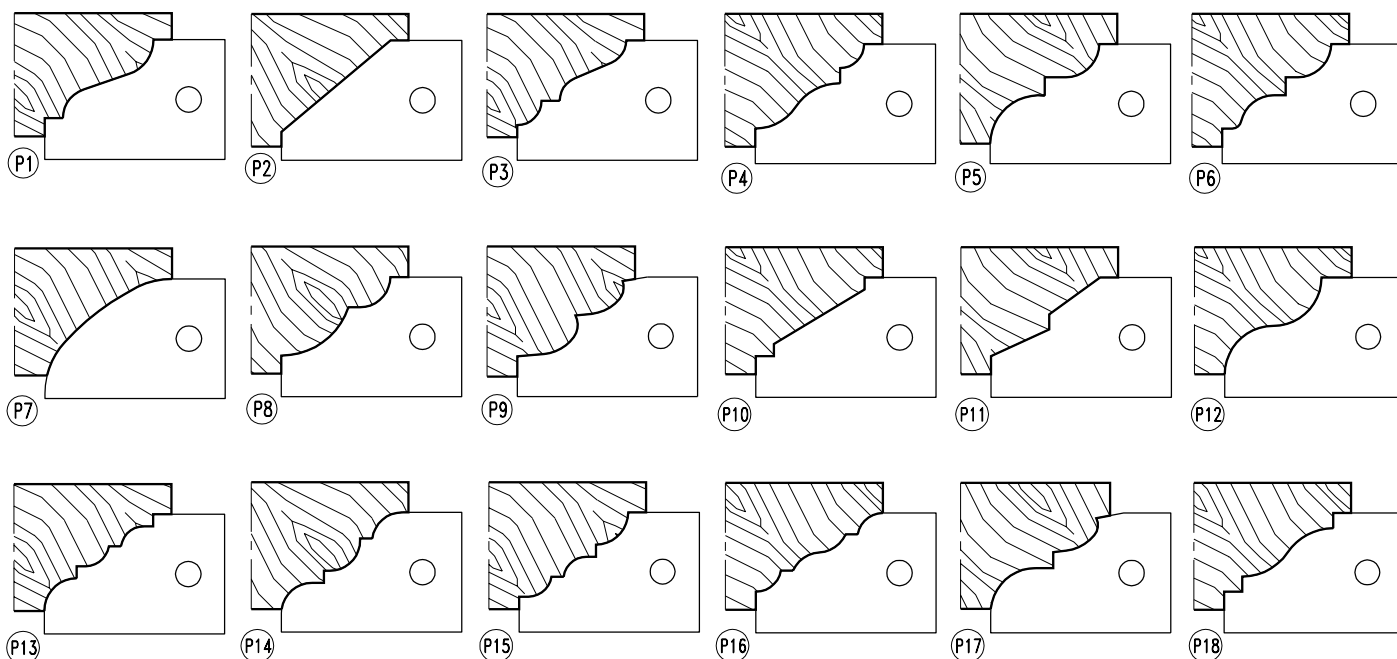
D	B	d	Z	n max	PG	Art. Nr.
140	20	50	3	9500	02	4134.140.020

• ohne Wechselsmesser • cutterheads supplied without reversible knives

Wechselsmesser/Ersatzteile • Reversible knives/Spare parts

	P	Dim.	PG	Art. Nr.
Wechselsmesser • Reversible knife	P1	20x30x2	02	785.651
	P2	20x30x2	02	785.652
	P3	20x30x2	02	785.653
	P4	20x30x2	02	785.654
	P5	20x30x2	02	785.655
	P6	20x30x2	02	785.656
	P7	20x30x2	02	785.657
	P8	20x30x2	02	785.658
	P9	20x30x2	02	785.659
	P10	20x30x2	02	785.660
	P11	20x30x2	02	785.661
	P12	20x30x2	02	785.662
	P13	20x30x2	02	785.663
	P14	20x30x2	02	785.664
	P15	20x30x2	02	785.665
	P16	20x30x2	02	785.666
	P17	20x30x2	02	785.667
	P18	20x30x2	02	785.668
Spannkeil • Clamping wedge			02	707.086
Gewindestift • Screw		M8x16	02	705.542
Sechskantschlüssel • T Wrench		SW4	02	706.104

• Blanketts nach Kundenwunsch frei profilierbar • Individual design of profile blanks



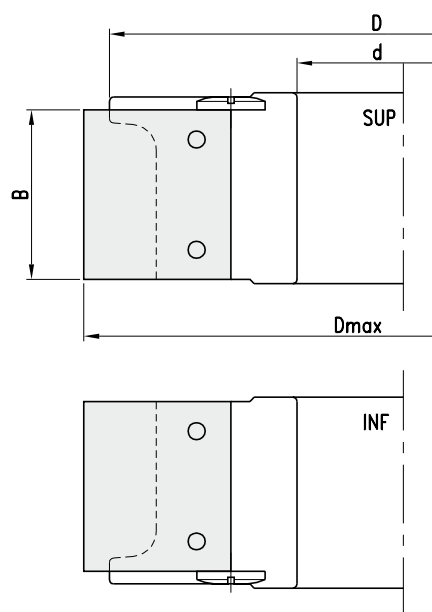


- WP- Multiprofilfräser mit achparallelen Schneiden zur Aufnahme von HW-Sonderprofilmessern mit Stützplatte. HW-Sonderprofilmesser können ca. 3-4 Mal nachgeschärft werden. Ausführung für mechanischen Vorschub.
- TC- Multi-Profilecutter with straight cut. Cutterhead for TC-special profile knives and backing plates. TC-Spezial profile knives are resharpenable 3 to 4 times. Layout for mechanical feed.

MEC HW

D	B	d	Z	n max	PG	Art. Nr.
138	40	30/50	3	9000	02	9184.138.040
	50	30/50	3	9000	02	9184.138.050
	60	30/50	3	9000	02	9184.138.060

- Ohne Messer und Stützplatten • Knives and back support not included



- Typ E: Standardblankett
- Type E: Standard blank

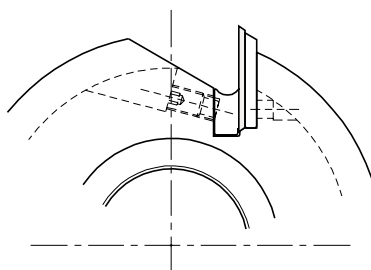
Ersatzteile • Spare parts

	Dim.	PG	Art. Nr.
Spannkeil • Clamping wedge	40	02	707.300.38
	50	02	707.300.48
	60	02	707.300.58
Gewindestift • Screw	M8x16	02	705.542
Sechskantschlüssel • T Wrench	SW4	02	706.104

Wechsellmesser/Ersatzteile • Reversible knives/Spare parts

	Dmax	Dim.	B	PG	Art. Nr.
Wechsellmesser • Reversible knife	140	40x30x2	40	02	769.203
		50x30x2	50	02	769.205
		60x30x2	60	02	769.215
	150	40x35x2	40	02	769.204
		50x35x2	50	02	769.206
		60x35x2	60	02	769.208
Stützplatten • Back support					
	140	38x26x3,8	40	02	710.201
		48x26x3,8	50	02	710.202
		58x26x3,8	60	02	710.203
	150	38x31x3,8	40	02	710.210
		48x31x3,8	50	02	710.211
		58x31x3,8	60	02	710.212

- Blanketts nach Kundenwunsch frei profilierbar • Individual design of profile blanks



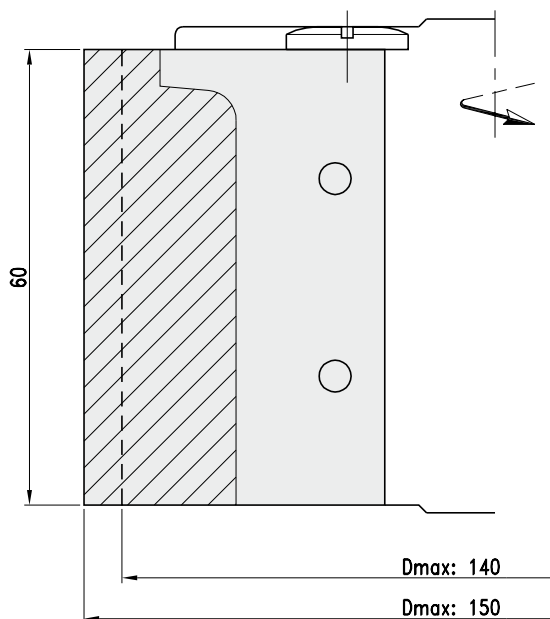
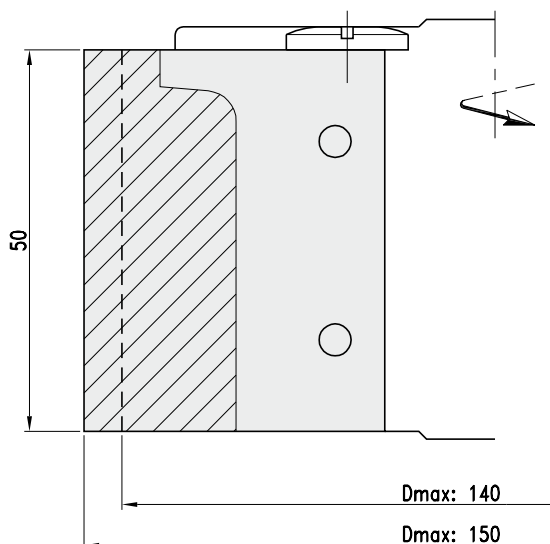
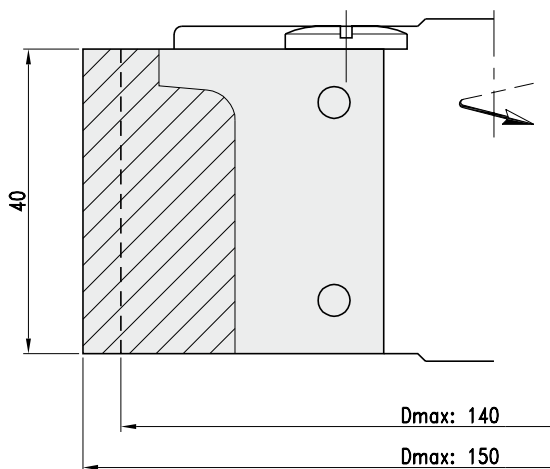
- Klemmung: Standardblankett
- Clamping: Standard blank



- Profilierzone (1:1)
- Available area for profiling (1:1)

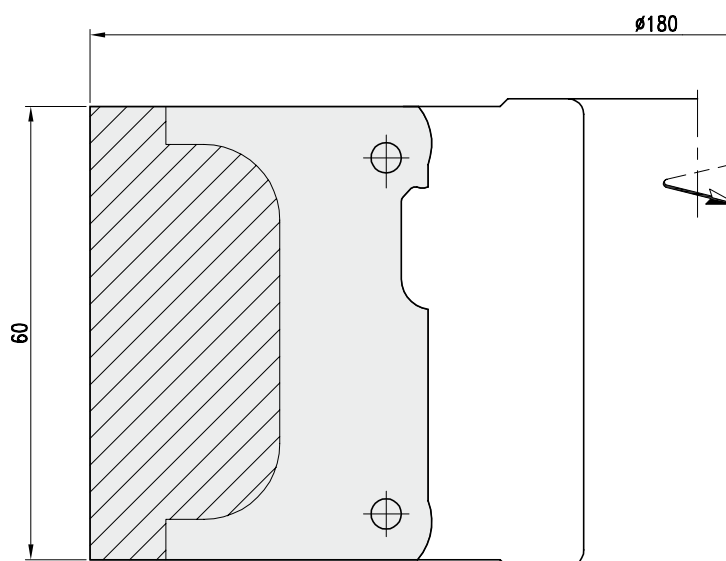
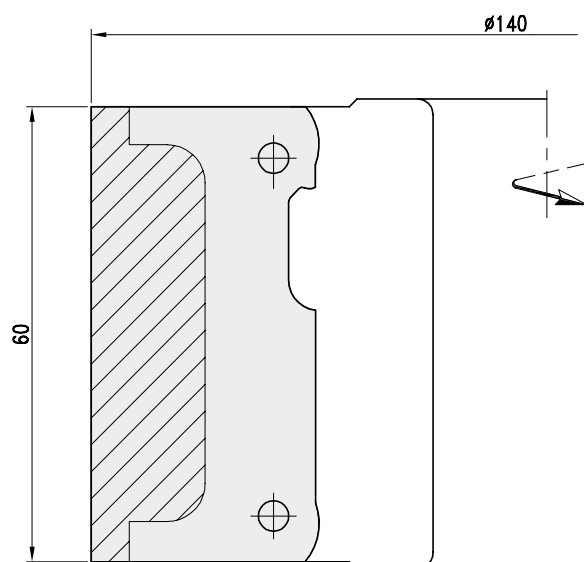
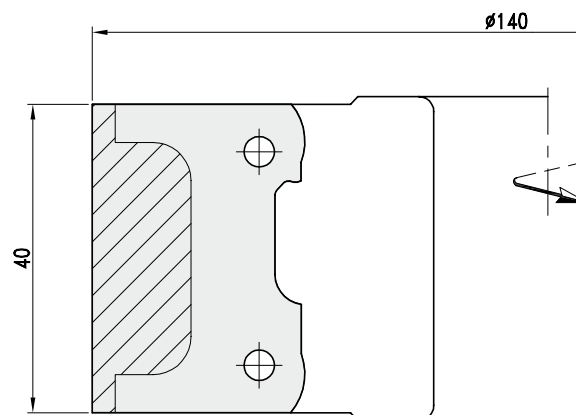
- Alle Blanketts auch im System 2-Punkt Auflage erhältlich
- On request we supply all reversible knives with 2-point seating

Typ E • Type E



- Standardblankett
- Standard blank

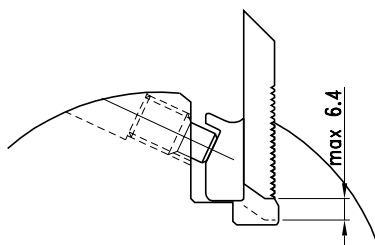
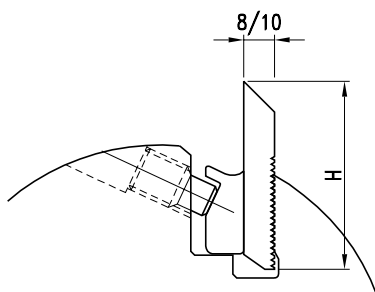
Typ C • Type C



- Blankett mit 2-Punkt Auflage
- Blank with 2-point seating



8/10



- Monoblock-Profilmesserkopf für rückenverzahnte Messer. Für universelles Profilieren auf Kehlmaschinen HSK85WS Schnittstelle. Ausführung für mechanischen Vorschub.
- Monobloc- Profilecutterhead for serrated knives. For profiling on moulders with HSK85WS interface. Layout for mechanical feed.

HS Profilmesserkopf, rückenverzahnt • HS Profilecutter, serrated							MEC	HW
D	B	S	Z	n max.	PG	Art. Nr. LH	Art. Nr. RH	
90	60	HSK85WS	2	12000	02	2412.090.060 ●	2412.090.160 ●	
	80	HSK85WS	2	12000	02	2412.090.080 ●	2412.090.180 ●	
	100	HSK85WS	2	12000	02	2412.090.100 ●	2412.090.200 ●	
	130	HSK85WS	2	12000	02	2412.090.130 ●	2412.090.230 ●	
	150	HSK85WS	2	12000	02	2412.090.150 ●	2412.090.250 ●	
	170	HSK85WS	2	12000	02	2412.090.170 ●	2412.090.270 ●	
	190	HSK85WS	2	12000	02	2412.090.190 ●	2412.090.290 ●	
90	210	HSK85WS	2	12000	02	2412.090.210 ●	2412.090.310 ●	
	240	HSK85WS	2	12000	02	2412.090.240 ●	2412.090.340 ●	
	60	HSK85WS	4	12000	02	2412.090.062 ●	2412.090.162 ●	
	80	HSK85WS	4	12000	02	2412.090.082 ●	2412.090.182 ●	
	100	HSK85WS	4	12000	02	2412.090.102 ●	2412.090.202 ●	
	130	HSK85WS	4	12000	02	2412.090.132 ●	2412.090.232 ●	
	150	HSK85WS	4	12000	02	2412.090.152 ●	2412.090.252 ●	
90	170	HSK85WS	4	12000	02	2412.090.172 ●	2412.090.272 ●	
	190	HSK85WS	4	12000	02	2412.090.192 ●	2412.090.292 ●	
	210	HSK85WS	4	12000	02	2412.090.212 ●	2412.090.312 ●	
	240	HSK85WS	4	12000	02	2412.090.242 ●	2412.090.342 ●	

- Ohne rückenverzahnte Hobelmesser • Cutterhead supplied without knives

Bei Verwendung der Standard-Spannkeile passen RVZ-Messer der Stärken 8mm - 10mm. Zum Spannen von schwächeren RVZ-Messern als 8mm sind Sonder-Spannkeile zu verwenden. Bearbeitung abrasiver Werkstoffe durch die Verwendung des verschleißfesten HW-Massiv-Messersystems mit Mikroverzahnung. Siehe Kapitel Ersatzteile

The use of standard-clamping wedges of serrated knives with thickness of 8mm - 10mm. To clamp serrated knives with smaller thickness than 8mm, special clamping wedges have to be used. Machining of abrasive materials by using TC-solid knife system with micro serrations. See chapter spare parts

- Art. 2412: Maximale Profiltiefen in Abhängigkeit der Messerhöhe H

H	Pt max	
	HS	HW
50	20	20
60	28	20/25*
70	38	24/35*

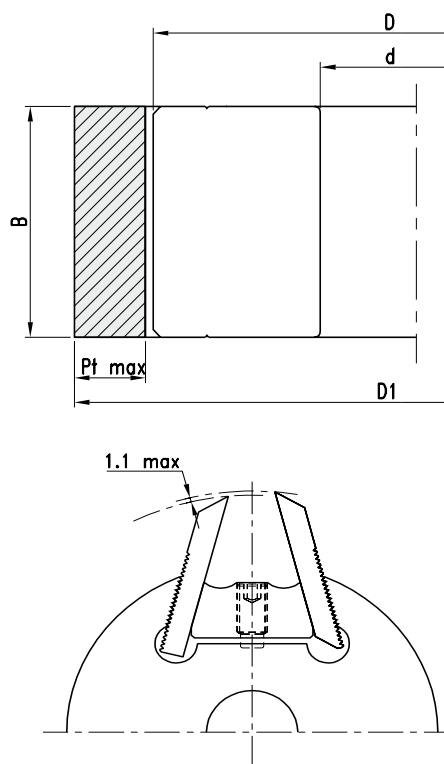
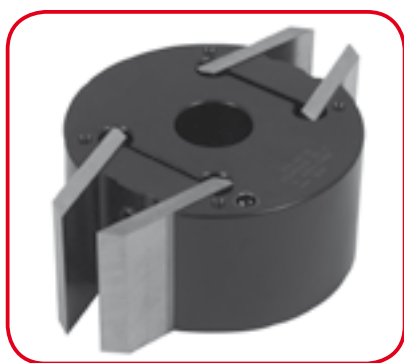
* System Mikroverzahnung

* Microserrated system

Ersatzteile • Spare parts

	Dim.	PG	Art. Nr.
Gewindestift • Screw	M12x20	02	705.556
Sechskantschlüssel • T Wrench	SW6	02	706.106





Art. 2119:
 Flugkreisdurchmesser, max. Profiltiefe in Abhängigkeit
 von Fräserdurchmesser D und Messerhöhe H

H	D1		Pt max	
	D 122	D 137	HS	HW
50	155	170	12	11/12*
60	175	190	20	17/20*

* System Mikroverzahnung

* Microserrated system

- Profilmesserkopf für rückenverzahnte Messer und Abweiser. Hochgenaue Messerspannung durch 60° verzahnte Messer. Große Auswahl verschiedener Schneidstoffe für optimale Anpassung an den Werkstückstoff. Ausführung für manuellen Vorschub.
- Profile cutterhead for serrated back blank knives and limitors. High-precision clamped 60° serrated back knives. Wide selection of different cutting materials for optimum choice with regard to the workpiece material. Layout for manual feed.

MAN

D	B	d	Z	n min - n max	PG	Art. Nr.
122	40	30/40	2+2	4300-7400	02	2119.122.040
	60	30/40	2+2	4300-7400	02	2119.122.060
	80	30/40	2+2	4300-7400	02	2119.122.080
	100	30/40	2+2	4300-7400	02	2119.122.100
137	40	50	2+2	4000-6800	02	2119.137.040
	60	50	2+2	4000-6800	02	2119.137.060
	80	50	2+2	4000-6800	02	2119.137.080
	100	50	2+2	4000-6800	02	2119.137.100

- Ohne RVZ Messer • Cutterhead supplied without knives
- Serienartikel, kurzfristige Fertigung bei Bestellung
- Standard article, short-time production after order

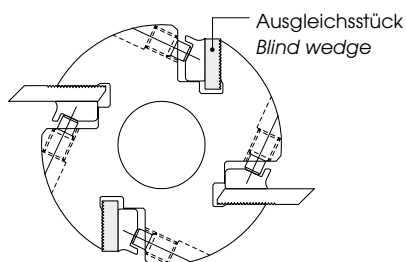
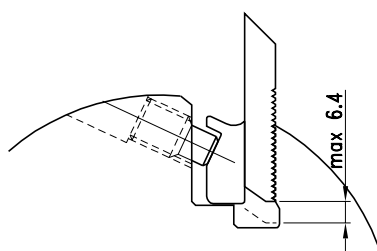
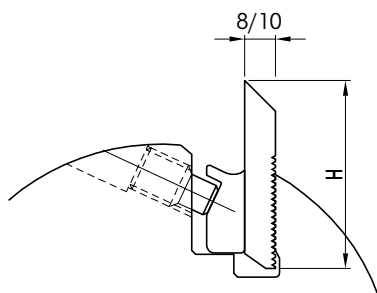
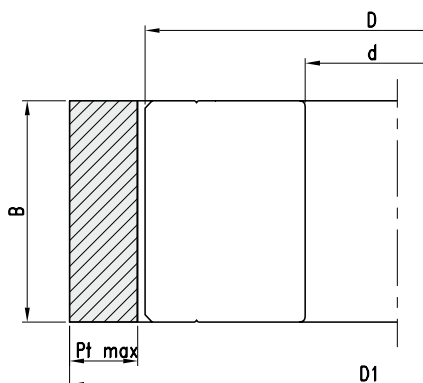
Ersatzteile • Spare parts

	Dim.	PG	Art. Nr.
Spannkeil • Clamping wedge	40	02	707.853.40
	60	02	707.853.60
	80	02	707.853.80
	100	02	707.853.100
Gewindestift • Screw	M12x20	02	705.556
Sechskantschlüssel • T Wrench	SW6	02	706.106

Bei Verwendung der Standard-Spannkeile passen RVZ-Messer der Stärken 8mm - 10mm. Zum Spannen von schwächeren RVZ-Messern als 8mm sind Sonder-Spannkeile zu verwenden. Bearbeitung abrasiver Werkstoffe durch die Verwendung des verschleißfesten HW-Massiv-Messersystems mit Mikroverzahnung. Siehe Kapitel Ersatzteile.

The use of standard-clamping wedges for clamping of serrated knives with thickness of 8mm - 10mm. To clamp serrated knives with smaller thickness than 8mm, special clamping wedges have to be used. Machining of abrasive materials by using TC-solid knife system with micro serrations. See chapter spare parts.

- Rückenverzahnte Hobelmesser siehe Kapitel Ersatzteile
- Backserrated knives see chapter spare parts



Art. 2114:

Flugkreisdurchmesser, max. Profiltiefe in Abhängigkeit von Fräserdurchmesser D und Messerhöhe H

- Profilmesserkopf für rückenverzahnte Messer. Hochgenaue Messerspannung durch 60° verzahnte Messer. Große Auswahl verschiedener Schneidstoffe für optimale Anpassung an den Werkstückstoff. Ausführung für mechanischen Vorschub.
- Profile cutterhead for serrated back blank knives. High-precision clamped 60° serrated back knives. Wide selection of different cutting materials for optimum choice with regard to the workpiece material. Layout for mechanical feed.

MEC

D	B	d	Z	n max	PG	Art. Nr.
122	40	40	2	9000	02	2114.122.040
	60	40	2	9000	02	2114.122.060
	80	40	2	9000	02	2114.122.080
122	40	40	4	9000	02	2114.122.140
	60	40	4	9000	02	2114.122.160
	80	40	4	9000	02	2114.122.180
	100	40	4	9000	02	2114.122.100
	130	40	4	9000	02	2114.122.130
	150	40	4	9000	02	2114.122.150
	180	40	4	9000	02	2114.122.280
	230	40	4	9000	02	2114.122.230
137	40	50	4	9000	02	2114.137.040
	60	50	4	9000	02	2114.137.060
	80	50	4	9000	02	2114.137.080
	100	50	4	9000	02	2114.137.100
	130	50	4	9000	02	2114.137.130
	150	50	4	9000	02	2114.137.150
	180	50	4	9000	02	2114.137.180

- ohne RVZ Messer • cutterhead supplied without backserrated knives

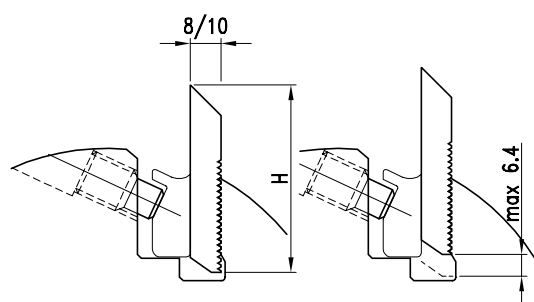
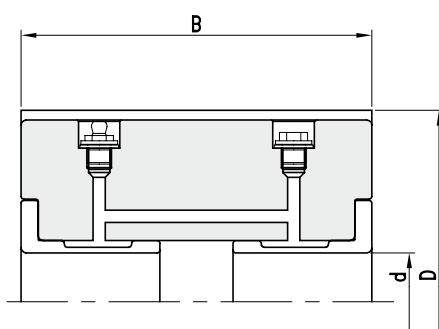
Ersatzteile • Spare parts

	Dim.	PG	Art. Nr.
Spannkeil • Clamping wedge	40	02	707.430
	60	02	707.431
	80	02	707.432
	100	02	707.433
	130	02	707.435
	150	02	707.436
	180	02	707.437
	230	02	707.439
Ausgleichsstück • Blind wedge	40	02	707.330
	60	02	707.331
	80	02	707.332
	100	02	707.333
	130	02	707.334
	150	02	707.335
	180	02	707.336
	230	02	707.337
Gewindestift • Screw	M12x20	02	705.556
Sechskantschlüssel • T Wrench	SW6	02	706.106

	D1		Pt max	
H	D 122	D 137	HS	HW
50	160	175	15	11/15*
60	179	194	25	17/25*
70	198	214	35	20/35*

* System Mikroverzahnung

* Microserrated system



- Hydro-Profilmesserkopf für rückenverzahnte Messer. Messerkopf aus Stahl mit offenem Hydrospannsystem. Hydrosystem als Zentrier-Spannsystem bei Betriebsdruck von ca. 300-400bar (täglich kontrollieren). Ausführung für mechanischen Vorschub.
- Hydro-Profile cutterhead for serrated back blank knives. Steel-cutterhead with integrated, open hydroclamping system for greasepump. Hydrosystem as centering-clampingsystem for working pressure between 300 and 400bar (check daily). Layout for mechanical feed. **MEC**

D	B	d	Z	n max	PG	Art. Nr.
137	60	40	4	9000	02	2111.137.060
	100	40	4	9000	02	2111.137.100
	130	40	4	9000	02	2111.137.130
	150	40	4	9000	02	2111.137.150
	180	40	4	9000	02	2111.137.180
	230	40	4	9000	02	2111.137.230
150	60	50	4	8000	02	2111.150.060
	100	50	4	8000	02	2111.150.100
	130	50	4	8000	02	2111.150.130
	150	50	4	8000	02	2111.150.150
	180	50	4	8000	02	2111.150.180
	230	50	4	8000	02	2111.150.230
150	60	50	6	8000	02	2111.150.061
	100	50	6	8000	02	2111.150.101
	130	50	6	8000	02	2111.150.131
	150	50	6	8000	02	2111.150.151
	180	50	6	8000	02	2111.150.181
	230	50	6	8000	02	2111.150.231
163	60	50	8	6000	02	2111.163.060
	100	50	8	6000	02	2111.163.100
	130	50	8	6000	02	2111.163.130
	150	50	8	6000	02	2111.163.150
	180	50	8	6000	02	2111.163.180
	230	50	8	6000	02	2111.163.230
190	60	50	12	6000	02	2111.190.060
	80	50	12	6000	02	2111.190.080
	100	50	12	6000	02	2111.190.100
	130	50	12	6000	02	2111.190.130
	150	50	12	6000	02	2111.190.150
	180	50	12	6000	02	2111.190.180
	230	50	12	6000	02	2111.190.230

* ohne RVZ Messer • cutterhead supplied without backserrated knives

H	D1				Pt max	
	D137	D150	D163	D190	HS	HW
50	175	188	200	228	15	11/15*
60	194	207	219	247	25	17/25*
70	214	227	239	266	35	20/35*

* System Mikroverzahnung

* Microserrated system

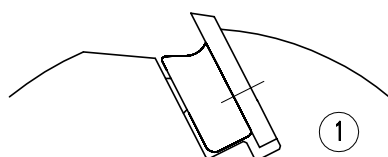
Ersatzteile • Spare parts

	Dim.	PG	Art. Nr.
Spannkeil • Clamping wedge	60	02	707.431
	100	02	707.433
	130	02	707.435
	150	02	707.436
	180	02	707.437
	230	02	707.439
Ausgleichsstück • Blind wedge	60	02	707.331
	100	02	707.333
	130	02	707.334
	150	02	707.335
	180	02	707.336
	230	02	707.337
Gewindestift • Screw	M12x20	02	705.556
Sechskantschlüssel • T Wrench	SW6	02	706.106
Fettpresse • Grease pump		02	724.401
Fettkartusche • Grease cartridge		02	724.402
Sicherheits-Klemmring für Maschinenspindel • Safety ring		02	724.404

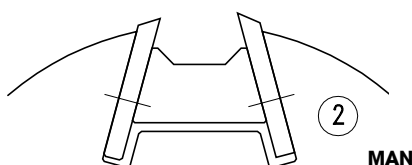
2184
2189

SP Universal-Profilmesserkopf - Wechsellmesser

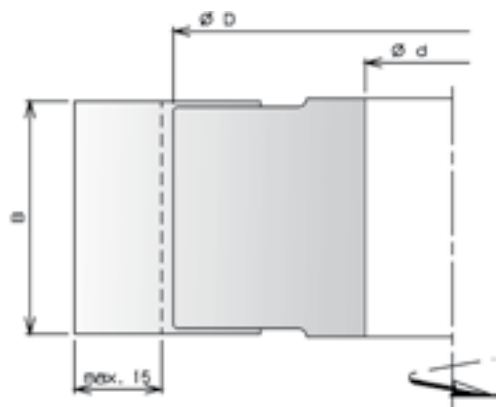
SP Universal profilecutter - Reversible knife



MEC



MAN



- Sondermesser und Abweiser auf Anfrage
- Special knives and limiter available upon request.



778.000 / 778.001

- Typ① Universal-Profilmesserkopf mit Stahltragkörper für 40mm breite Profilmesser. Große Auswahl unterschiedlicher Standard-Profile verfügbar. Ausführung für mechanischen Vorschub.
- Type① Profile cutterhead with steel tool body to use 40mm profile knives. Wide selection of different standard-profiles available. Layout for mechanical feed.

Nr. 1 - MEC

MEC SP

D	B	d	Z	Messer Knives	n max	PG	Art. Nr.
Mit 2 Falzmessern • With 2 rebate knives							
100	40	30	2		9000	02	2184.100.040
120	40	50	2		9000	02	2184.120.040
Kompletter Messersatz mit Holzkiste • Set complete in wooden box							
100	40	30	2	1-6	9000	02	2184.100.140
	40	30	2	1-12	9000	02	2184.100.240
	40	30	2	9/12/14/15/19/36	9000	02	2184.100.340
120	40	50	2	1-6	9000	02	2184.120.140
	40	50	2	1-12	9000	02	2184.120.240
	40	50	2	9/12/14/15/19/36	9000	02	2184.120.340

- Typ② Universal-Profilmesserkopf mit Stahltragkörper für 40mm breite Profilmesser und Abweiser. Große Auswahl unterschiedlicher Standard-Profile verfügbar. Ausführung für manuellen Vorschub.
- Type② Profile cutterhead with steel tool body to use 40mm profile knives and limiters. Wide selection of different standard-profiles available. Layout for manual feed.

Nr. 2 - MAN

MAN SP

D	B	d	Z	Messer Knives	n min -n max	PG	Art. Nr.
Mit 2 Falzmessern • With 2 rebate knives							
100	40	30	2		6000-9000	02	2189.100.040
120	40	50	2		6000-9000	02	2189.120.040
Kompletter Messersatz mit Holzkiste • Set complete in wooden box							
100	40	30	2	1-6	6000-9000	02	2189.100.140
	40	30	2	1-12	6000-9000	02	2189.100.240
	40	30	2	9/12/14/15/19/36	6000-9000	02	2189.100.340
120	40	50	2	1-6	6000-9000	02	2189.120.140
	40	50	2	1-12	6000-9000	02	2189.120.240
	40	50	2	9/12/14/15/19/36	6000-9000	02	2189.120.340

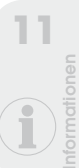
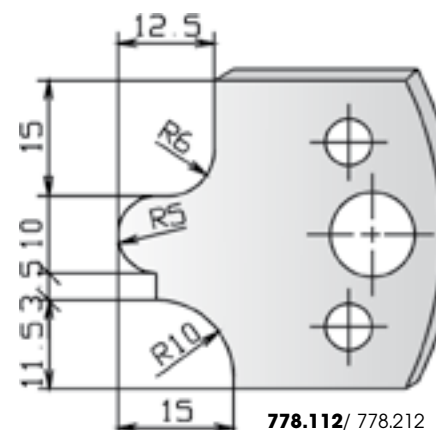
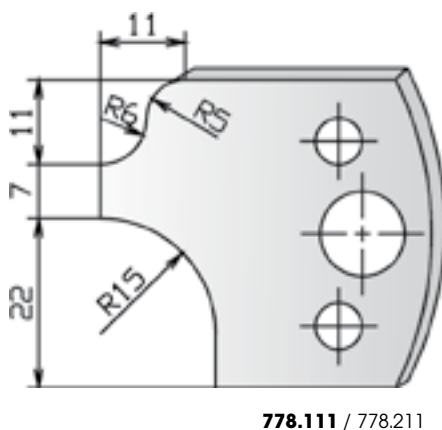
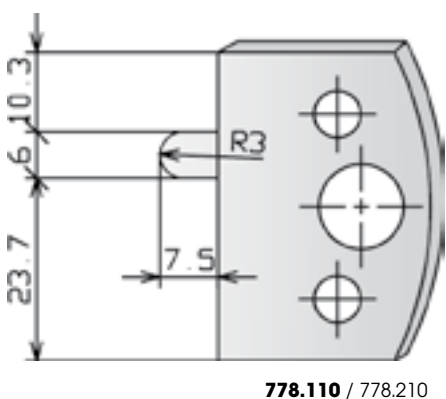
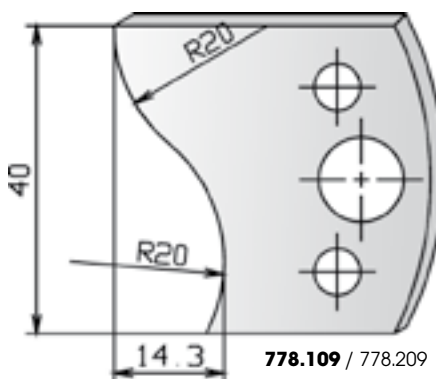
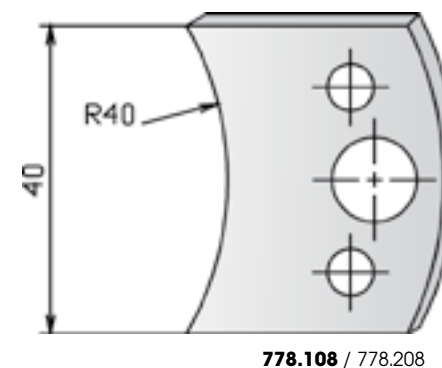
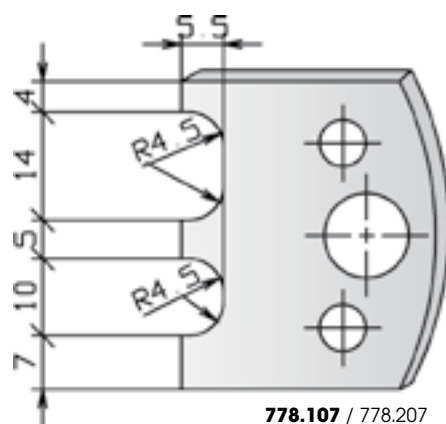
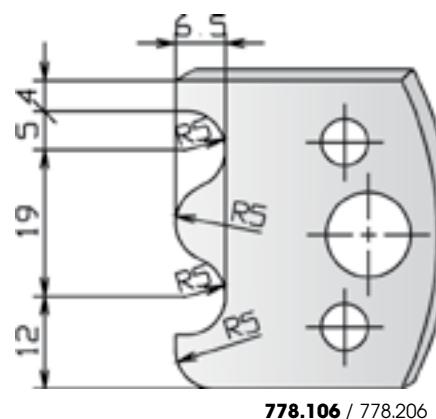
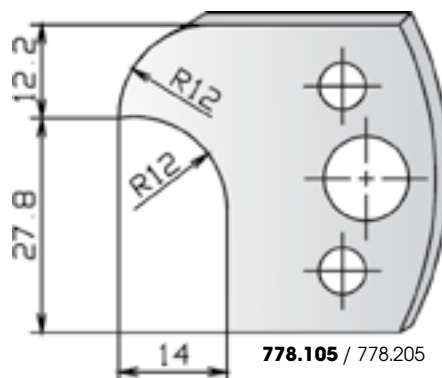
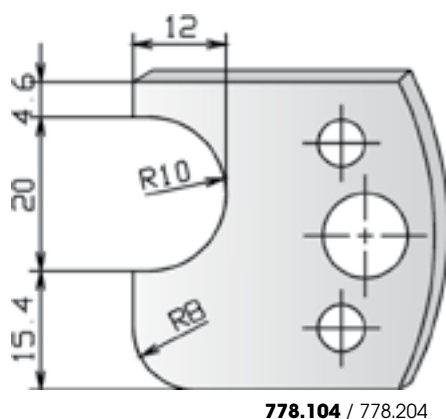
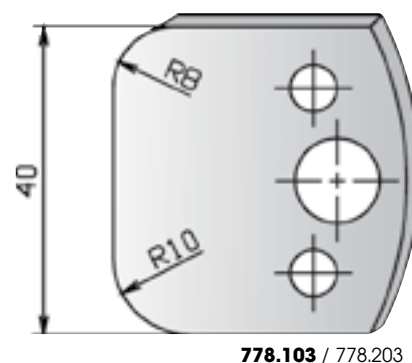
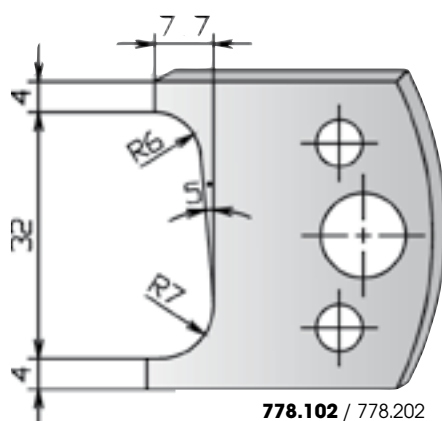
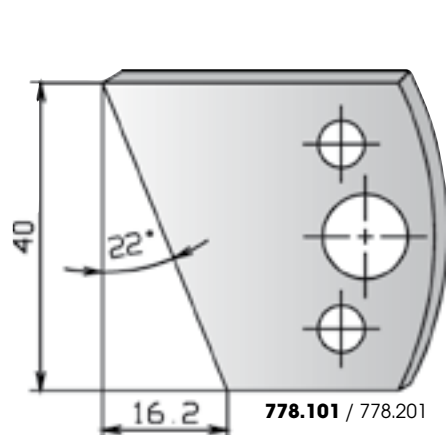
Ersatzteile • Spare parts

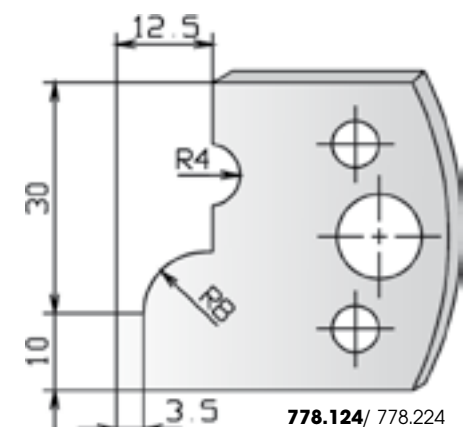
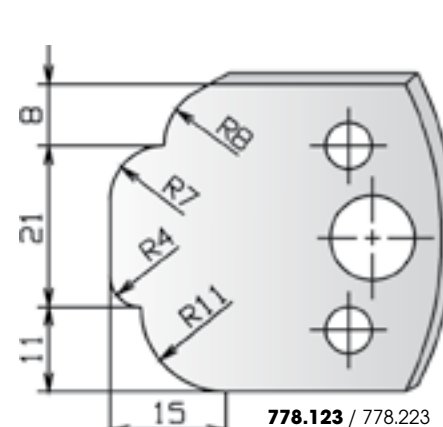
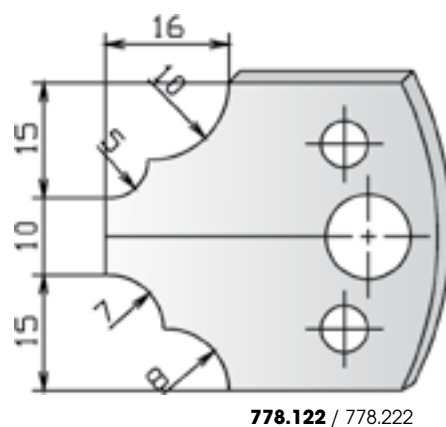
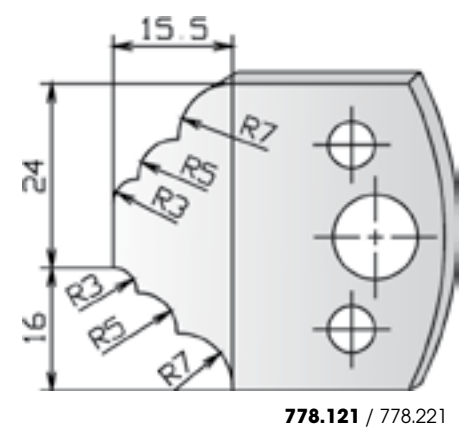
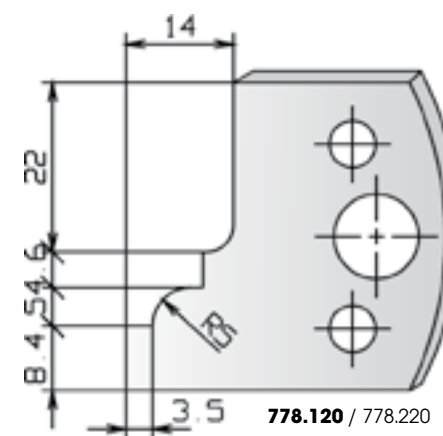
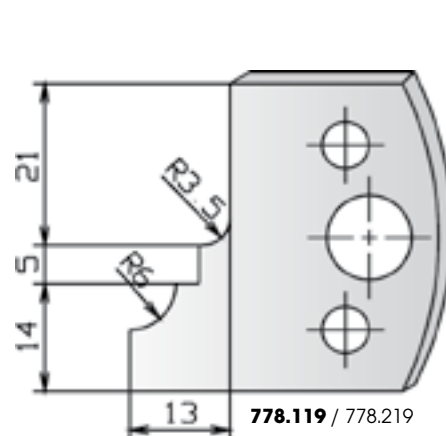
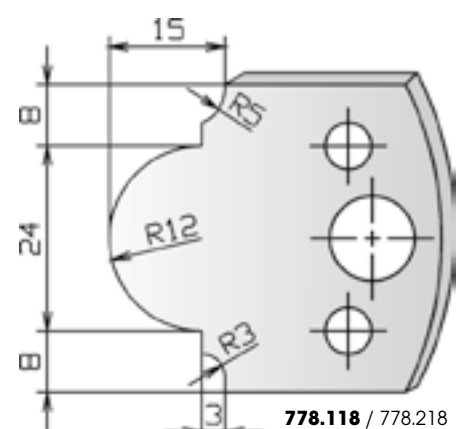
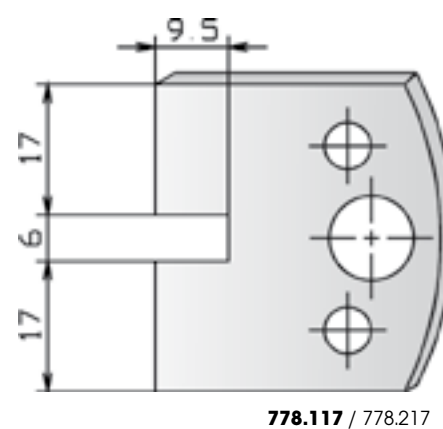
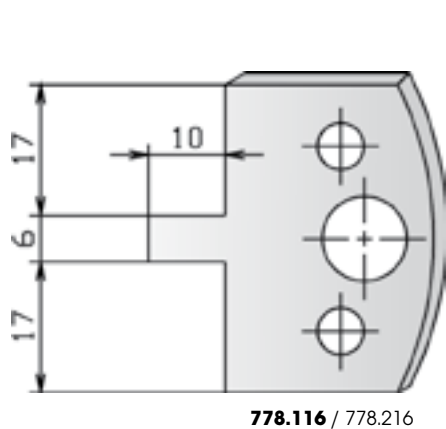
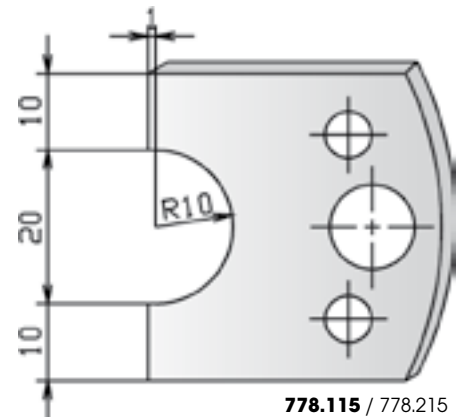
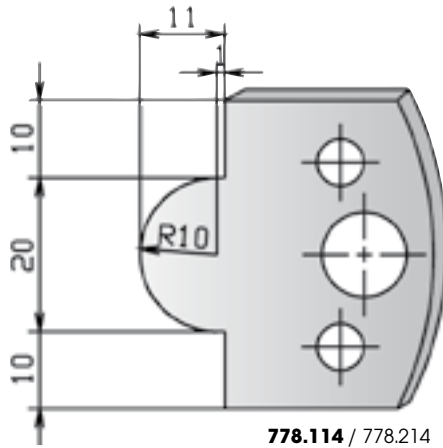
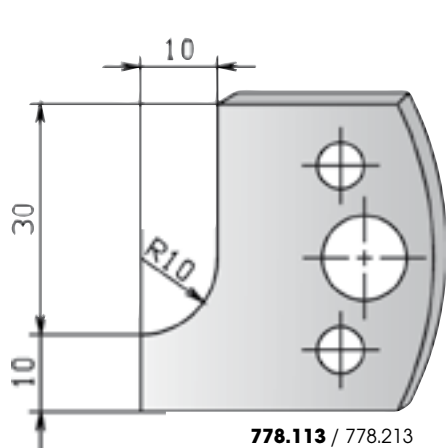
	Nr.	Dim.	PG	Art. Nr.
Spannkeil • Clamping wedge	1		02	707.850
	2		02	707.851
Gewindestift • Screw	1	M10x20	02	705.552
	2	M10x16	02	705.551
Sechskantschlüssel • T Wrench		SW5	02	706.105
Messerrohling B=40 • Knife for profiling B=40			02	778.000
Abweiser-Rohling B=40 • Limiter for profiling B=40			02	778.001
Messerrohling B=50 • Knife for profiling B=50			02	778.010
Abweiser-Rohling B=50 • Limiter for profiling B=50			02	778.011

2184
2189

SP Universal-Profilmesserkopf - Profilmesserauswahl

SP Universal profilecutter - Profile knife options

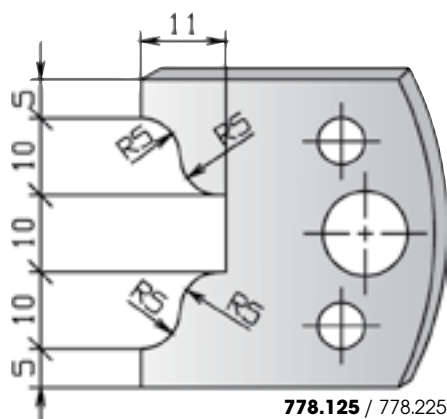




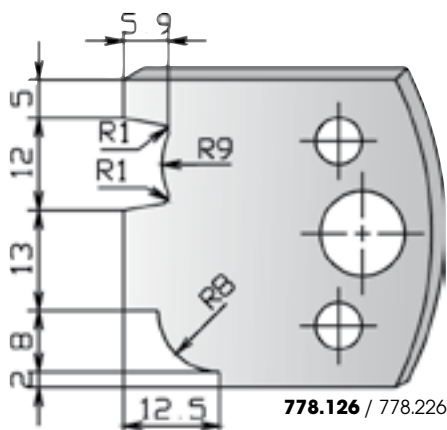
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SP Universal-Profilmesserkopf - Profilmesserauswahl

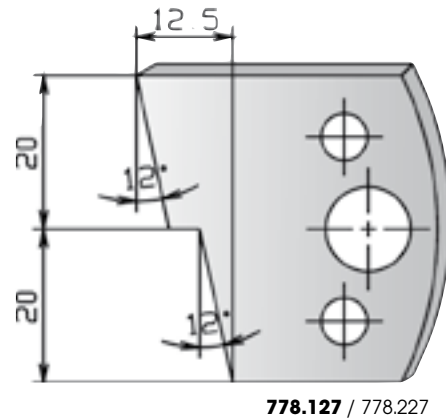
SP Universal profilecutter - Profile knife options



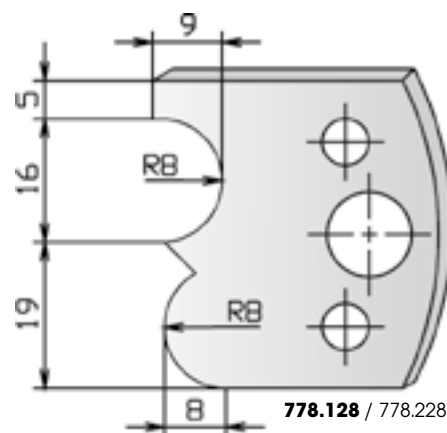
778.125 / 778.225



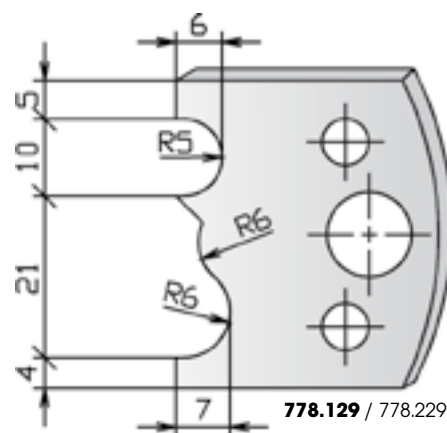
778.126 / 778.226



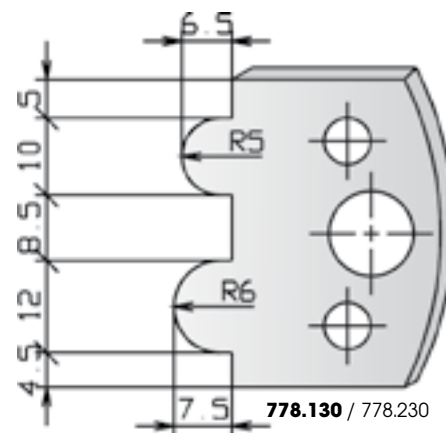
778.127 / 778.227



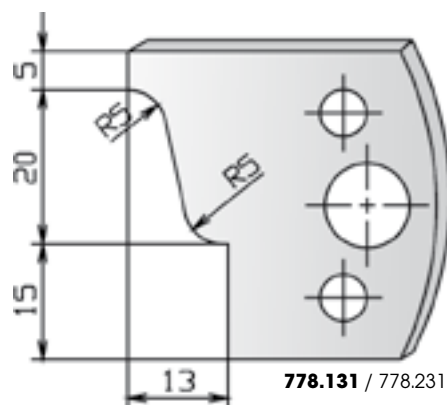
778.128 / 778.228



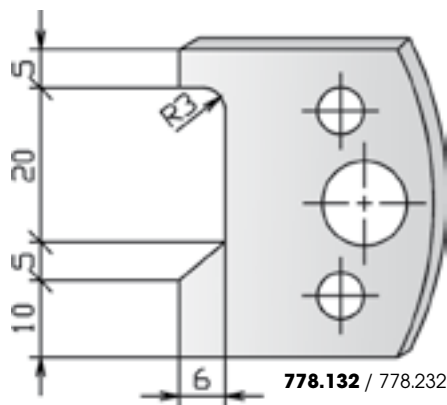
778.129 / 778.229



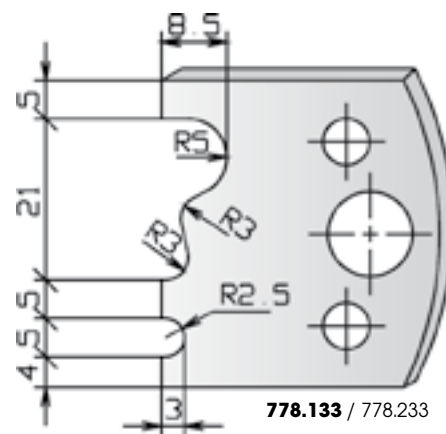
778.130 / 778.230



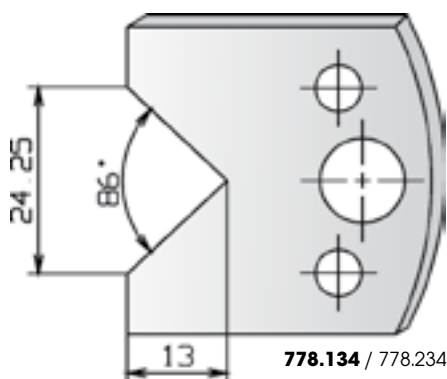
778.131 / 778.231



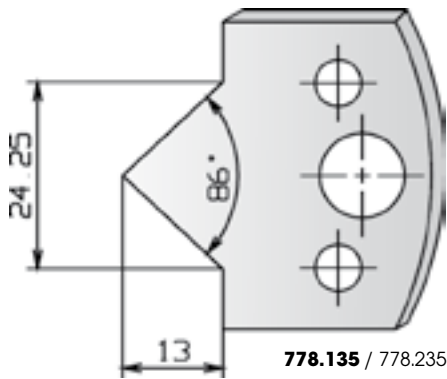
778.132 / 778.232



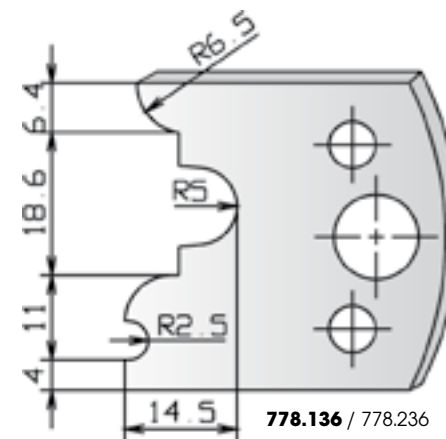
778.133 / 778.233



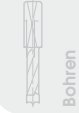
778.134 / 778.234

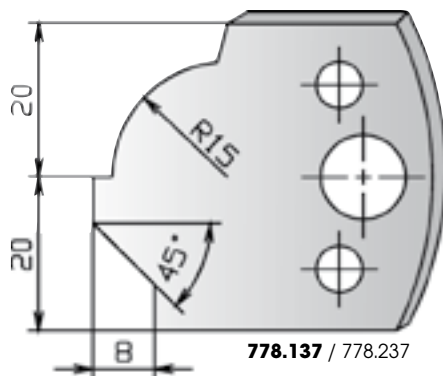


778.135 / 778.235

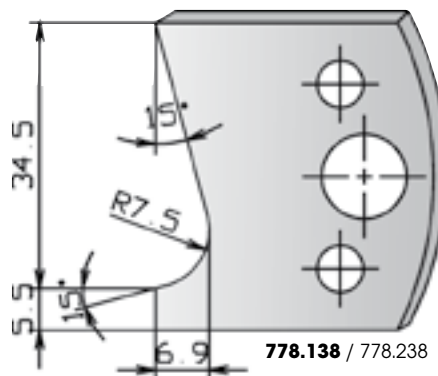


778.136 / 778.236

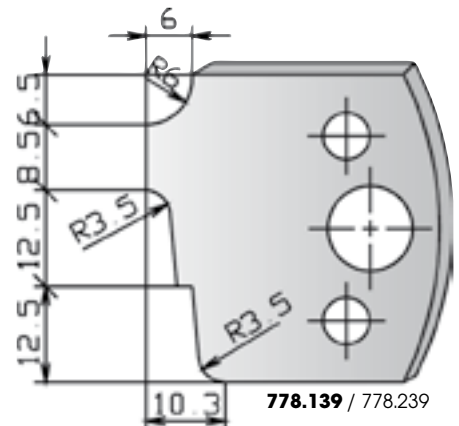
- 01  Säge
- 02  Zerspanen
- 03  Hobeln/Fräsen
- 04  Profillfräsen
- 05  Nut- und Federfräsen
- 06  Oberfräsen
- 07  Bohren
- 08  PKD-Werkzeuge
- 09  Spannen
- 10  Ersatzteile
- 11  Informationen



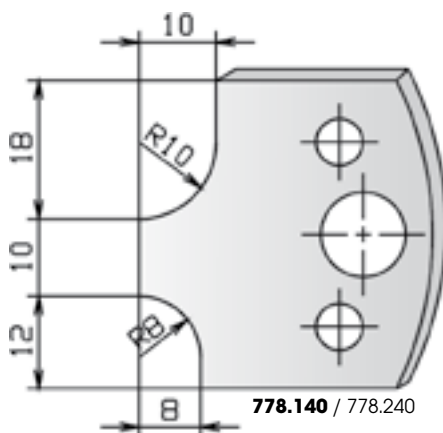
778.137 / 778.237



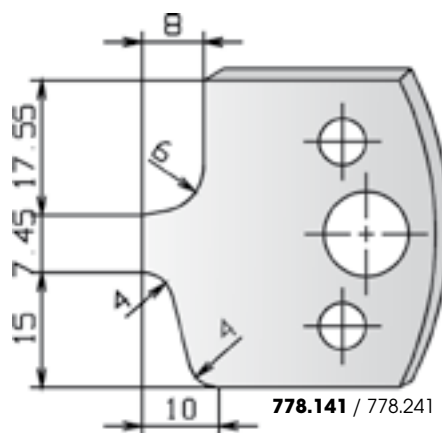
778.138 / 778.238



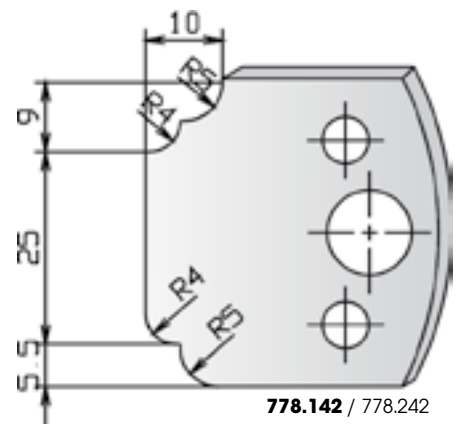
778.139 / 778.239



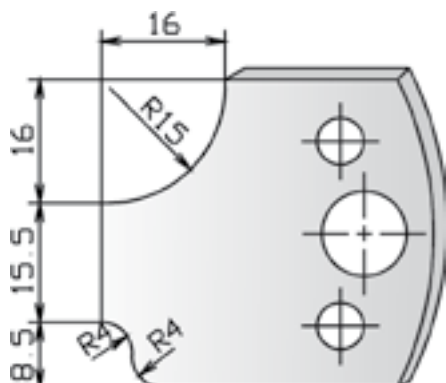
778.140 / 778.240



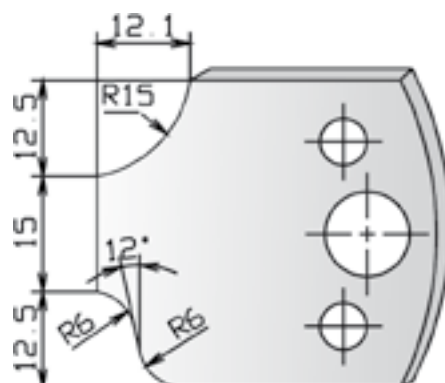
778.141 / 778.241



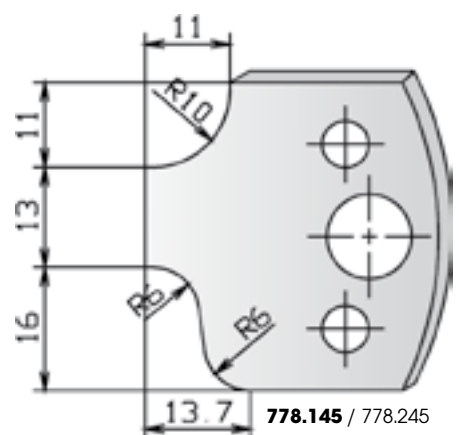
778.142 / 778.242



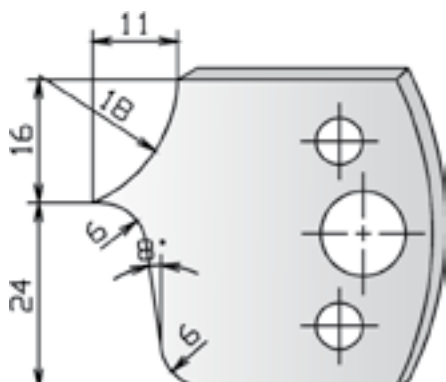
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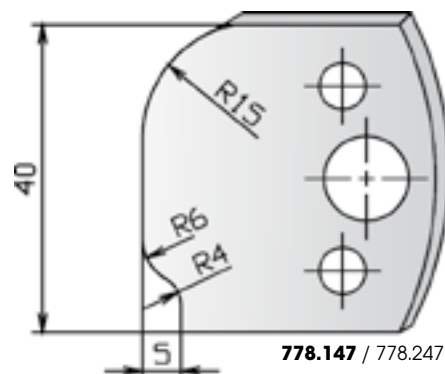
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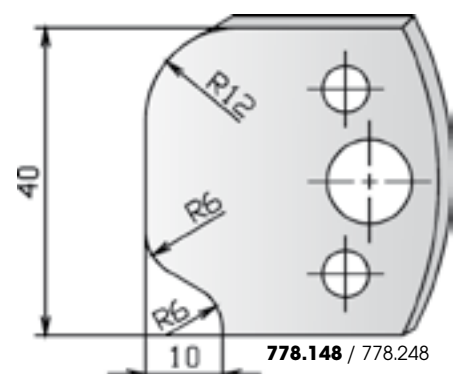
778.145 / 778.245



778.146 / 778.246



778.147 / 778.247

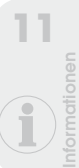
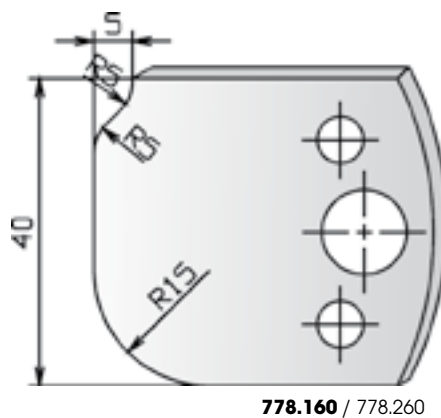
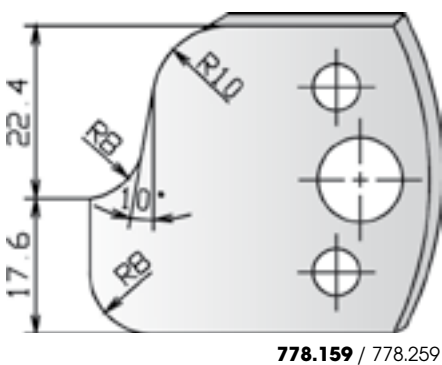
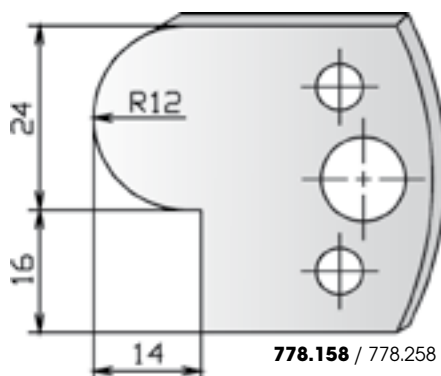
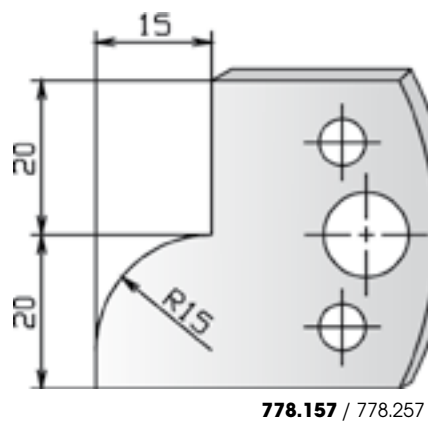
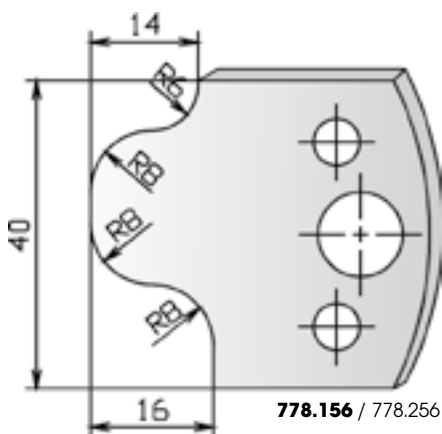
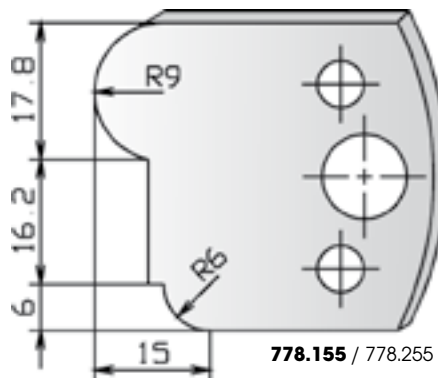
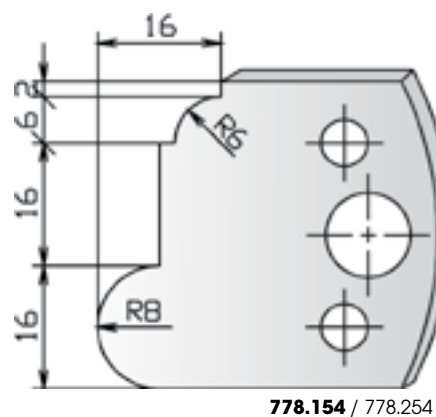
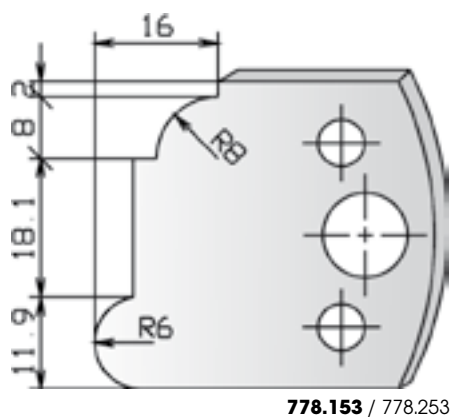
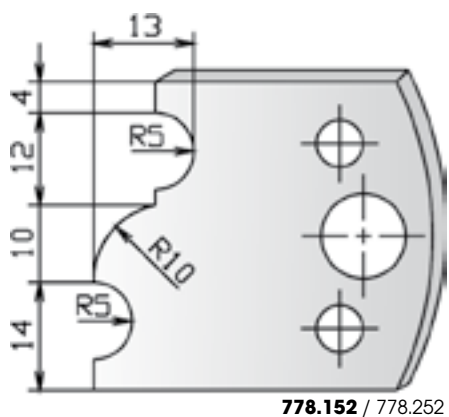
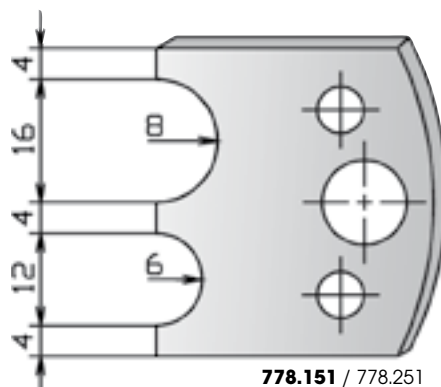
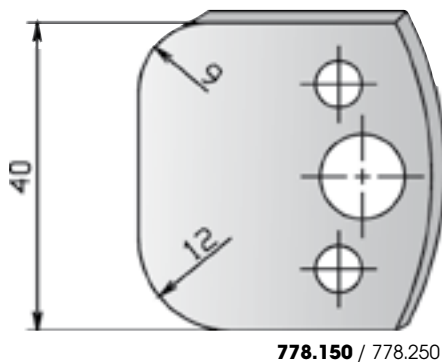
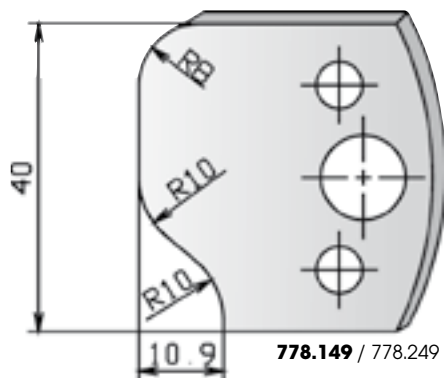


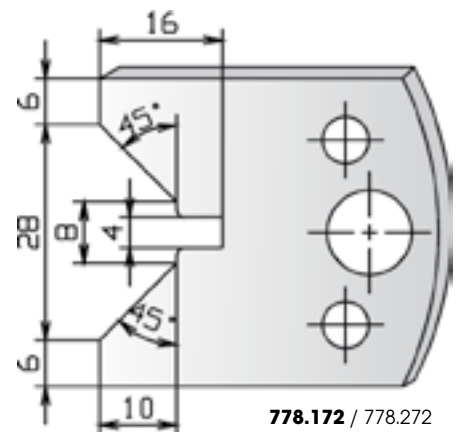
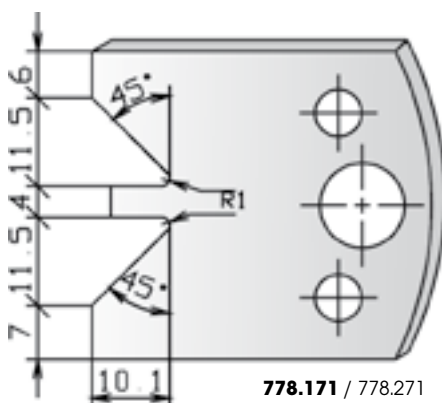
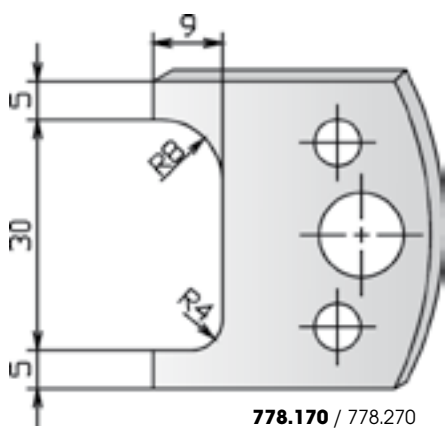
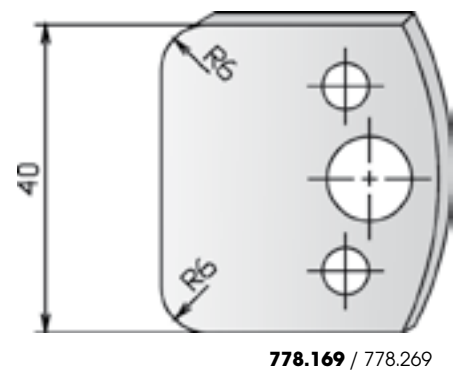
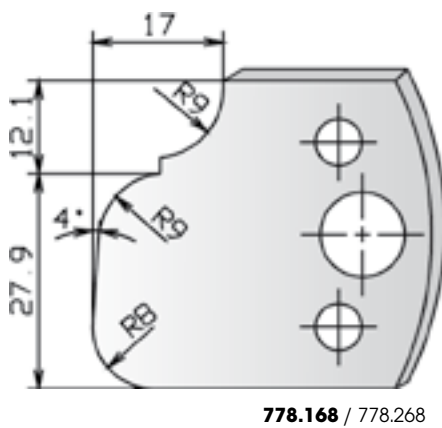
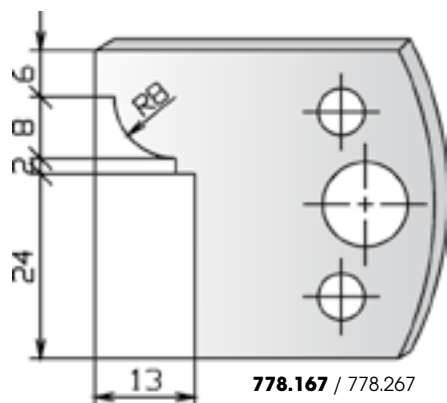
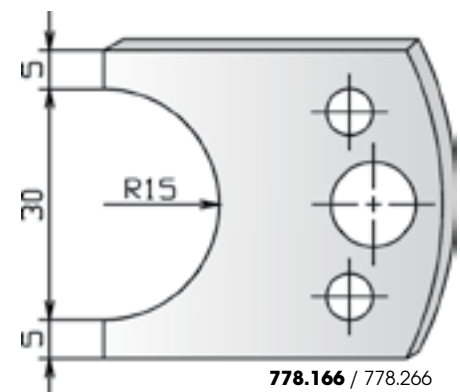
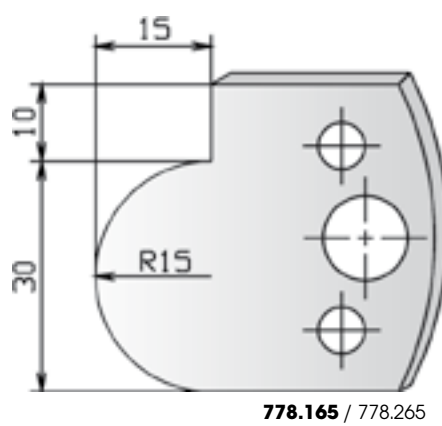
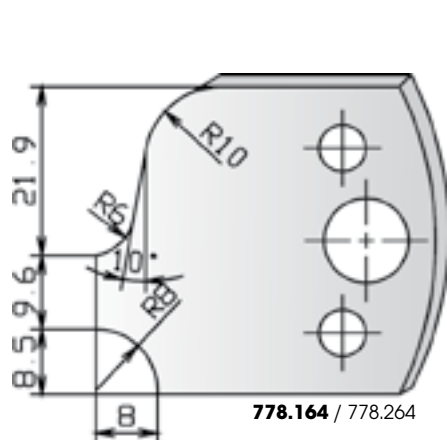
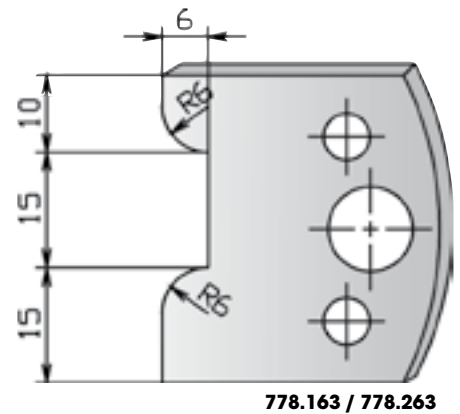
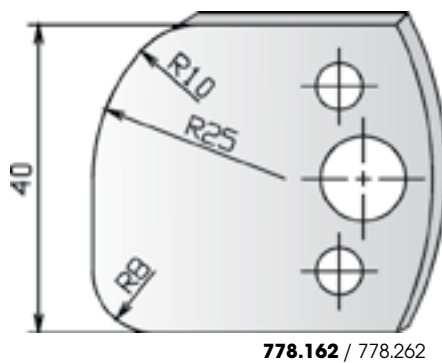
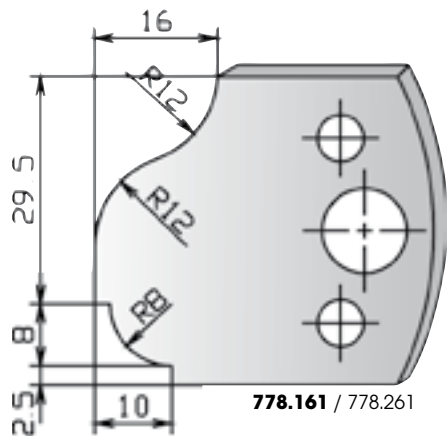
778.148 / 778.248

2184
2189

SP Universal-Profilmesserkopf - Profilmesserauswahl

SP Universal profilecutter - Profile knife options

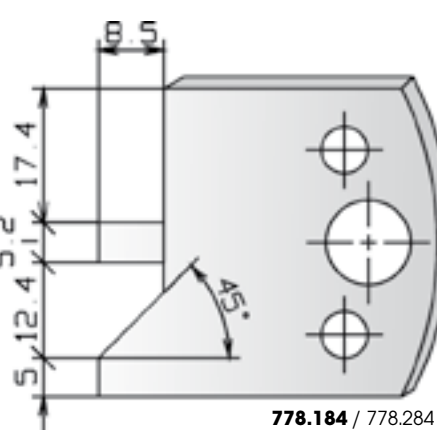
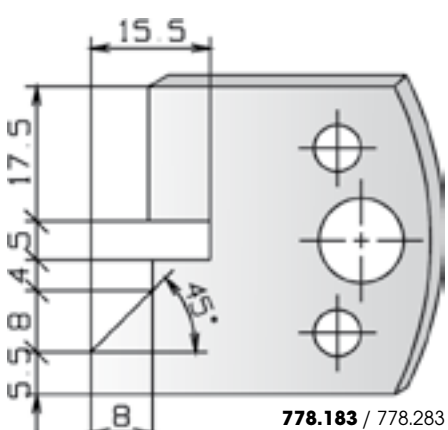
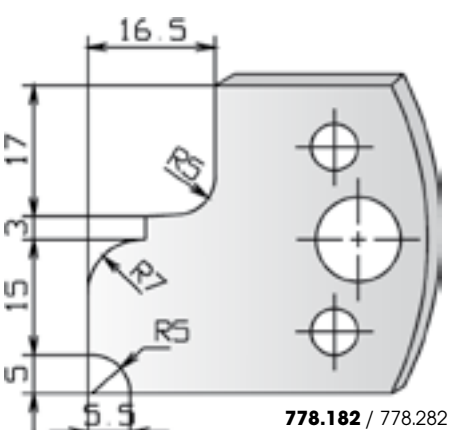
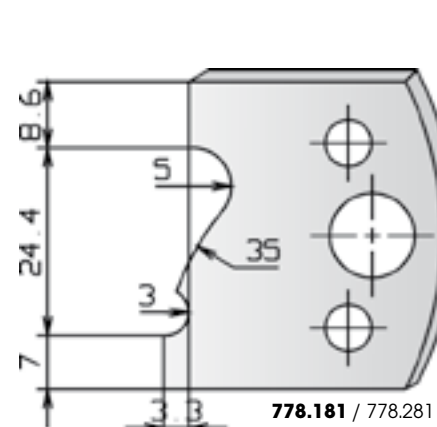
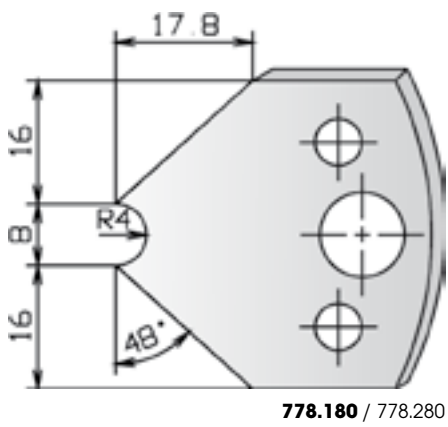
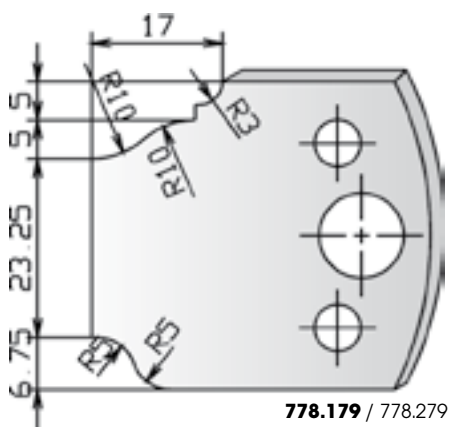
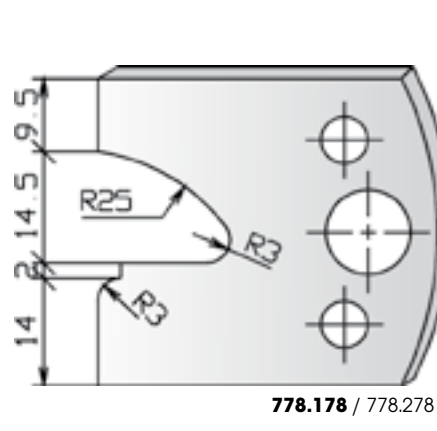
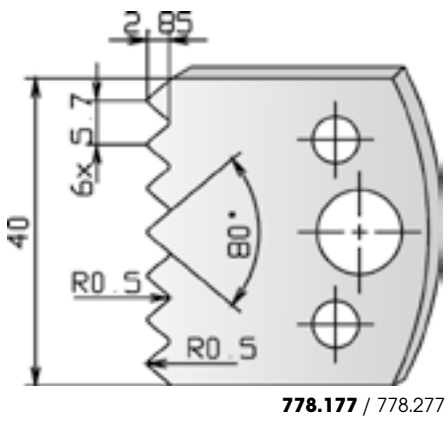
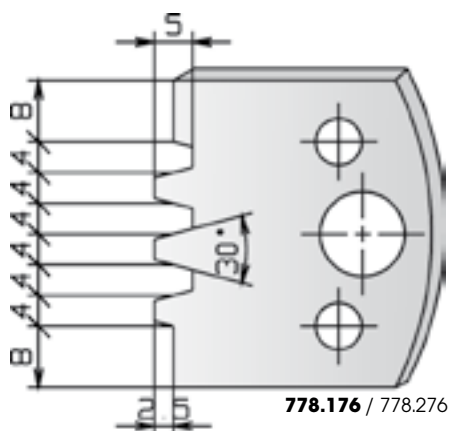
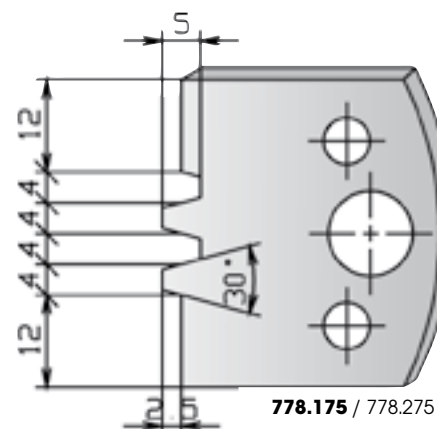
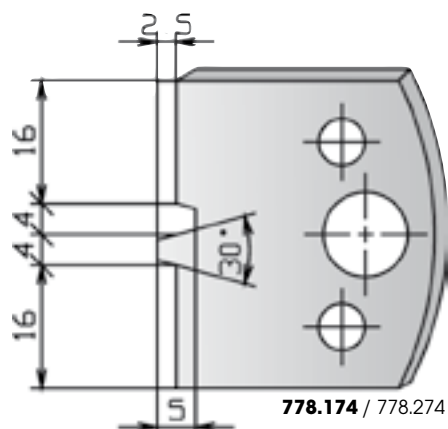
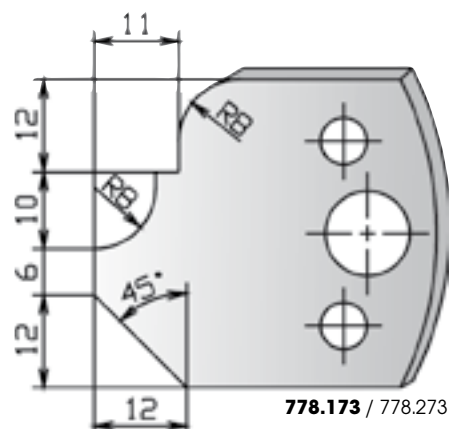


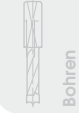


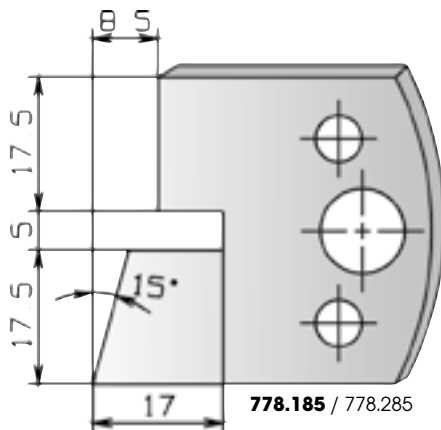
2184
2189

SP Universal-Profilmesserkopf - Profilmesserauswahl

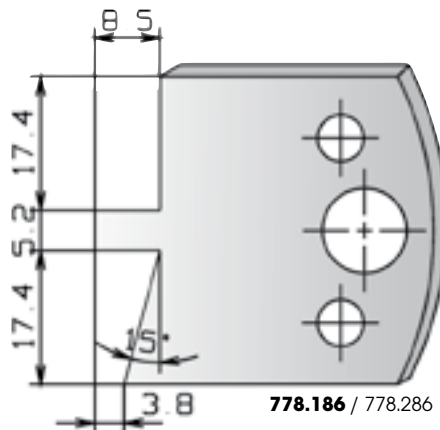
SP Universal profilecutter - Profile knife options



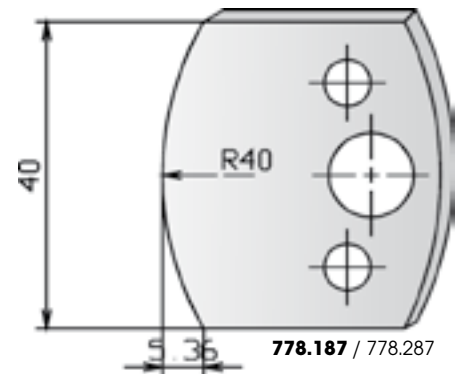
- 01**  Säge
- 02**  Zerspanen
- 03**  Hobeln/Fräsen
- 04**  Profiltäsen
- 05**  Nut- und Federfräsen
- 06**  Oberfräsen
- 07**  Bohren
- 08**  PKD-Werkzeuge
- 09**  Spannen
- 10**  Ersatzteile
- 11**  Informationen



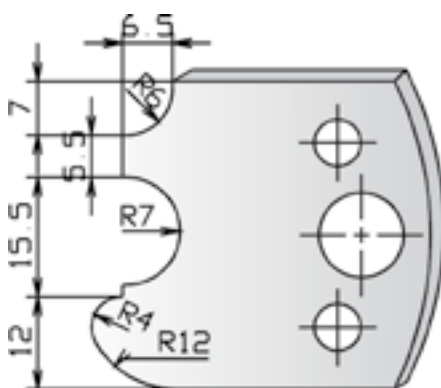
778.185 / 778.285



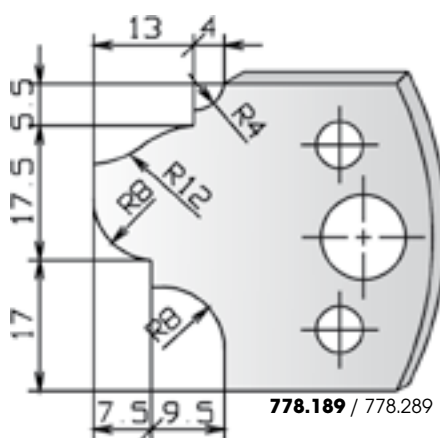
778.186 / 778.286



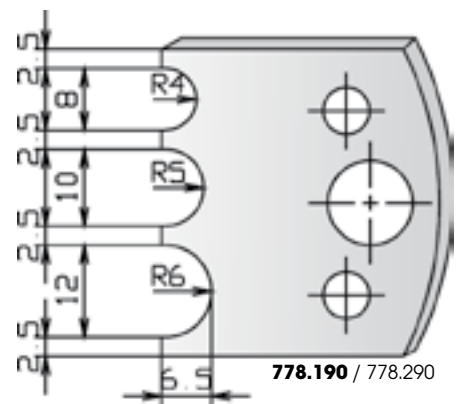
778.187 / 778.287



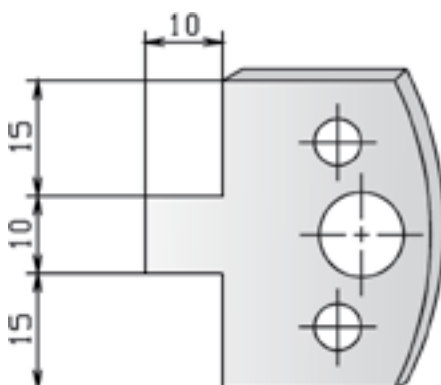
778.188 / 778.288



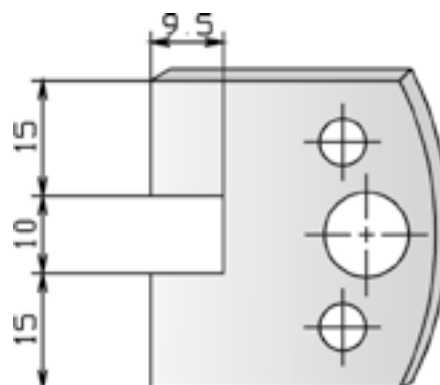
778.189 / 778.289



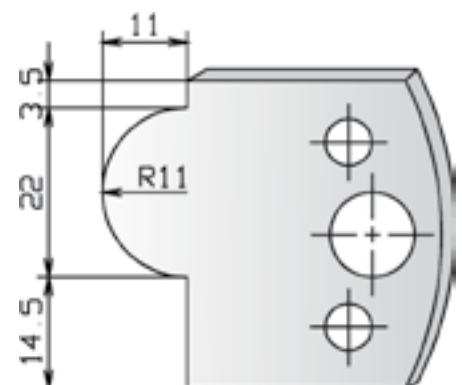
778.190 / 778.290



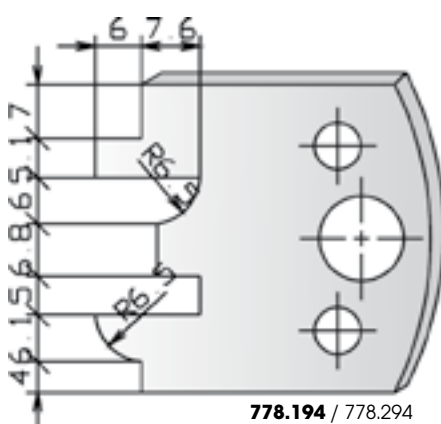
778.191 / 778.291



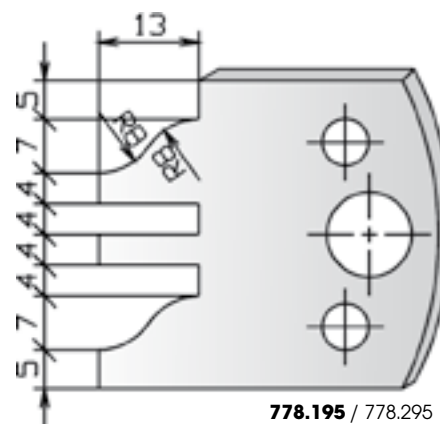
778.192 / 778.292



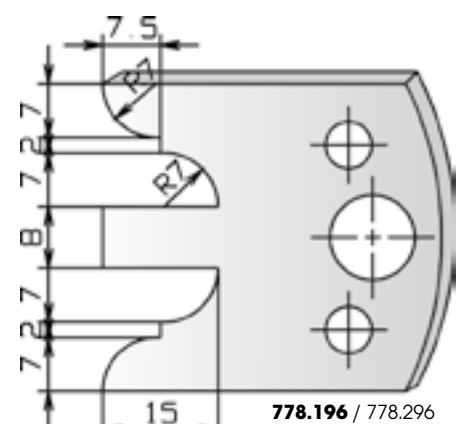
778.193 / 778.293



778.194 / 778.294



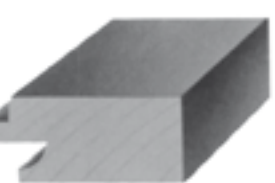
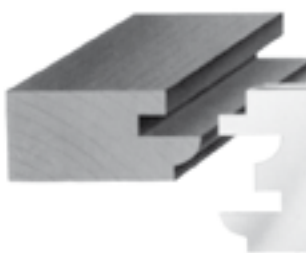
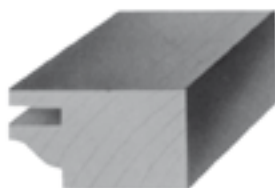
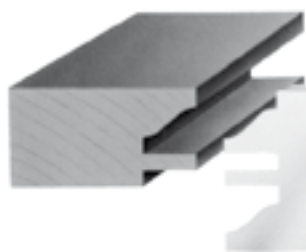
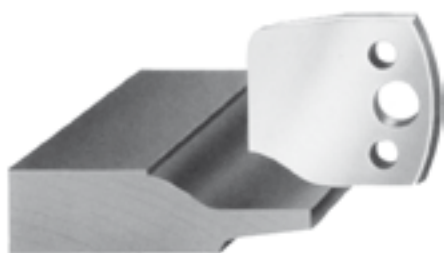
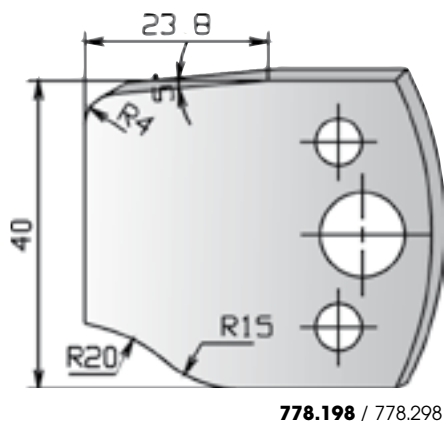
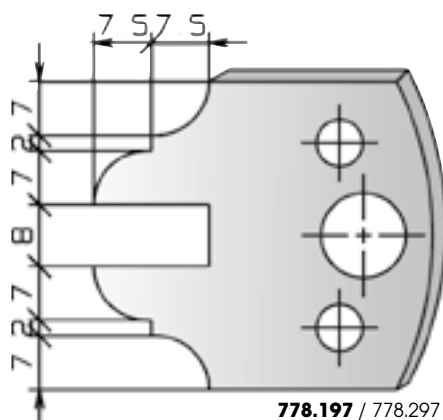
778.195 / 778.295



778.196 / 778.296

2184
2189

SP Universal-Profilmesserkopf - Profilmesserauswahl SP Universal profilecutter - Profile knife options

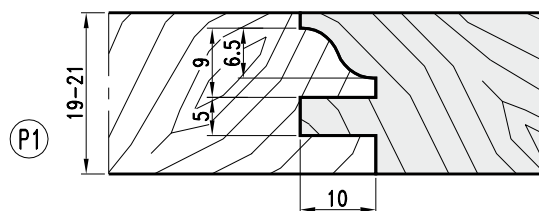
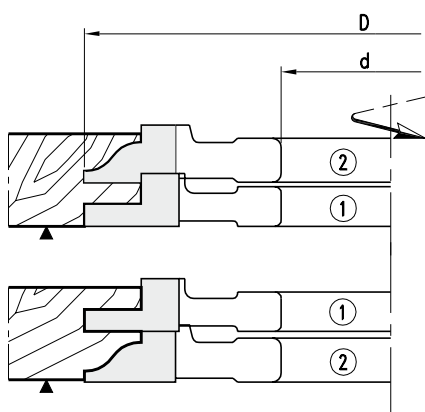


- 01**  Sägen
- 02**  Zerspanen
- 03**  Hobeln/Fräsen
- 04**  **Profiltäsen**
- 05**  Nut- und Federfräsen
- 06**  Oberfräsen
- 07**  Bohren
- 08**  PKD-Werkzeuge
- 09**  Spannen
- 10**  Ersatzteile
- 11**  Informationen

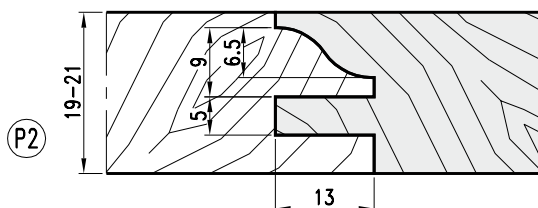


- HW-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Auflistung 11 verschiedener Profilvarianten. Ausführungen für manuellen Vorschub.
- TC-Profile tipped cutterhead with steel tool body for profiles and counter profiles in solid wood framed doors in cabinetry. 11 tool sets for frames with different profiles. Layout for manual feed.

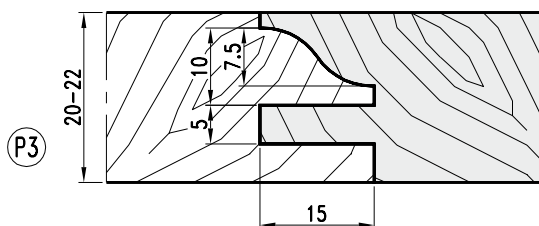
P1							MAN	HW
Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.	
1	140	12	50	3	5500-9500	02	8289.140.012	
2		13	50	3	5500-9500	02	8289.140.013	
Garnitur • Cutterset (1+2)							02	8289.001.000



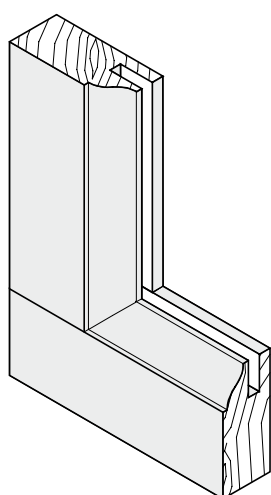
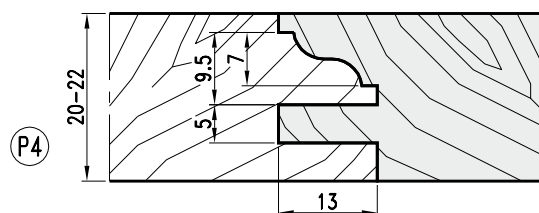
P2							MAN	HW
Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.	
1	140	12	50	3	5500-9500	02	8289.140.112	
2		13	50	3	5500-9500	02	8289.140.113	
Garnitur • Cutterset (1+2)							02	8289.002.000



P3							MAN	HW
Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.	
1	140	12	50	3	5500-9500	02	8289.140.212	
2		14	50	3	5500-9500	02	8289.140.014	
Garnitur • Cutterset (1+2)							02	8289.003.000



P4							MAN	HW
Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.	
1	140	12	50	3	5500-9500	02	8289.140.312	
2		13	50	3	5500-9500	02	8289.140.213	
Garnitur • Cutterset (1+2)							02	8289.004.000

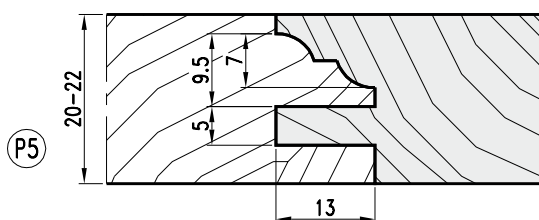




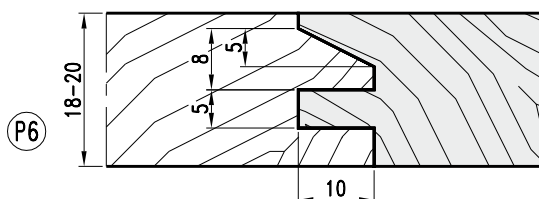
- HW-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Auflistung 11 verschiedener Profilvarianten. Ausführungen für manuellen Vorschub.

- TC-Profile tipped cutterhead with steel tool body for profiles and counter profiles in solid wood framed doors in cabinetry. 11 tool sets for frames with different profiles. Layout for manual feed.

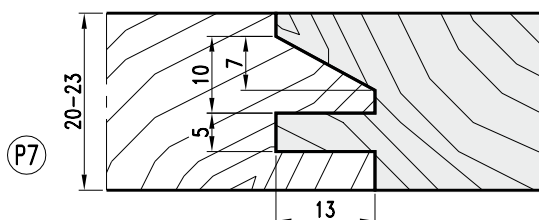
							MAN	HW
P5	Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.
	1	140	12	50	3	5500-9500	02	8289.140.112
	2		13	50	3	5500-9500	02	8289.140.313
Garnitur • Cutterset (1+2)							02	8289.005.000



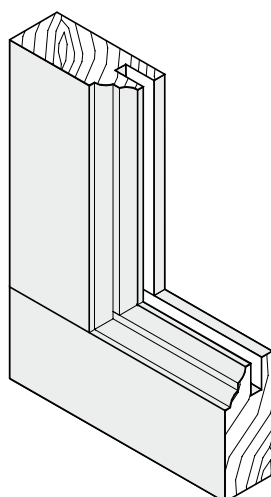
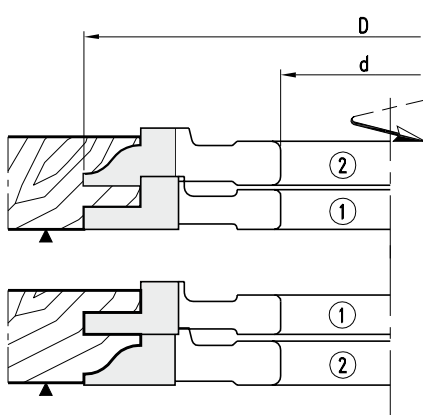
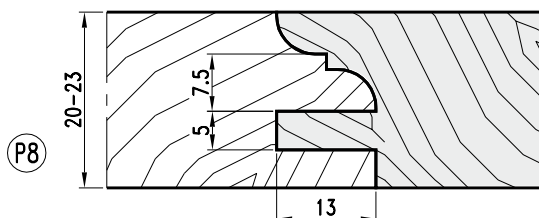
							MAN	HW
P6	Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.
	1	140	12	50	3	5500-9500	02	8289.140.012
	2		14	50	3	5500-9500	02	8289.140.114
Garnitur • Cutterset (1+2)							02	8289.006.000



							MAN	HW
P7	Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.
	1	140	12	50	3	5500-9500	02	8289.140.212
	2		15	50	3	5500-9500	02	8289.140.015
Garnitur • Cutterset (1+2)							02	8289.007.000



							MAN	HW
P8	Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.
	1	140	12	50	3	5500-9500	02	8289.140.312
	2		15	50	3	5500-9500	02	8289.140.115
Garnitur • Cutterset (1+2)							02	8289.008.000

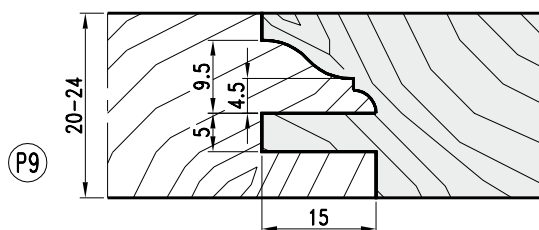
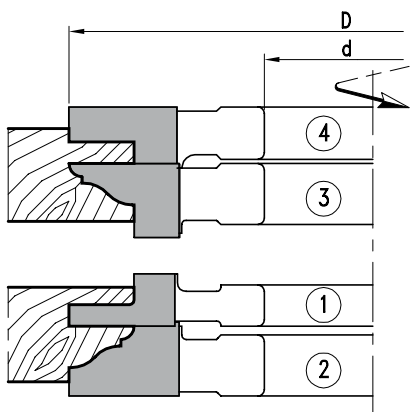




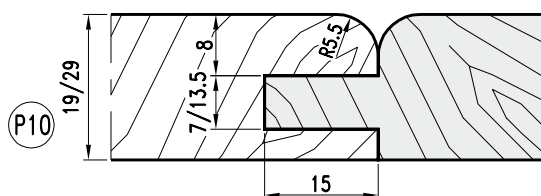
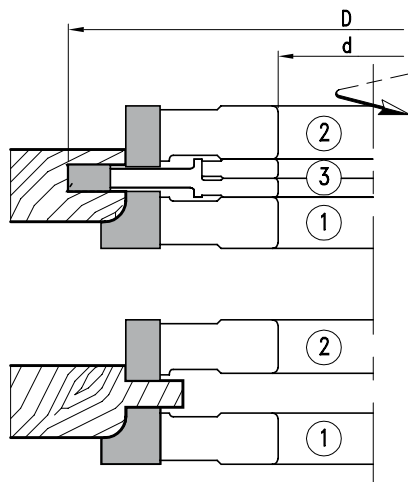
- HW-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Auflistung 11 verschiedener Profilvarianten. Ausführungen für manuellen Vorschub.
- TC-Profile tipped cutterhead with steel tool body for profiles and counter profiles in solid wood framed doors in cabinetry. 11 tool sets for frames with different profiles. Layout for manual feed.

P9**MAN HW**

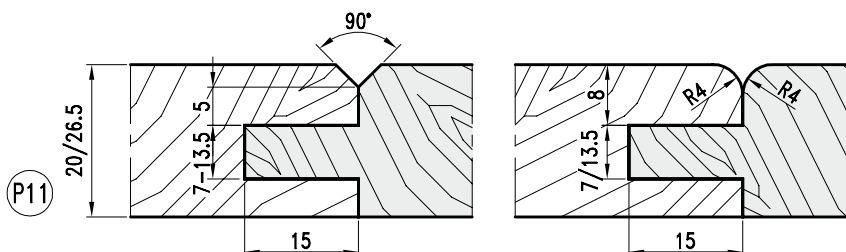
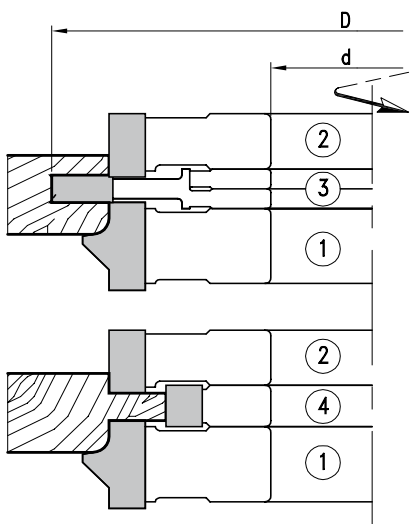
Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.
1	140	12	50	3	5500-9500	02	8289.140.212
2		17	50	3	5500-9500	02	8289.140.017
3		17	50	3	5500-9500	02	8289.140.117
4		15	50	3	5500-9500	02	8289.140.215
Garnitur • Cutterset (1+2)							02 8289.009.000
Garnitur • Cutterset (3+4)							02 8289.009.001

**P10****MAN HW**

Nr.	D	B	d	Z	V	n min -n max	PG	Art. Nr.
1	143	10	50	3		5300-9100	02	8289.143.010
2	130	16		3		6000-10200	02	8289.130.016
3	160	7-13,5		4	4	4800-8300	02	8289.160.007
Garnitur • Cutterset (1+2+3)							02 8289.010.000	

**P11****MAN HW**

Nr.	D	B	d	Z	V	n min -n max	PG	Art. Nr.
1	143	22,5	50	3		5300-9100	02	8289.143.023
2	130	16		3		6000-10200	02	8289.130.116
3	160	7-13,5		4	4	4800-8300	02	8289.160.107
4	100	15		3		7700-13300	02	8289.100.015
Garnitur • Cutterset (1+2+3)							02 8289.011.000	

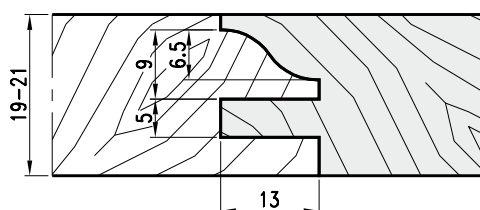
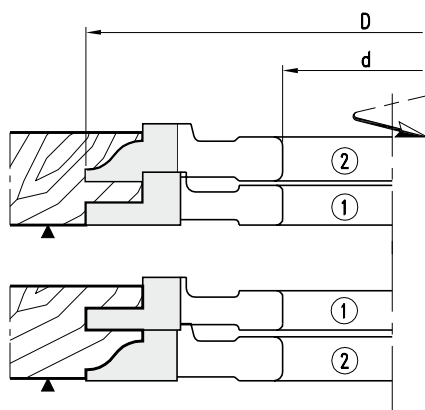




- HW-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Ausführungen für manuellen Vorschub.
- TC-Profile tipped cutterhead with steel tool body for profiles and counter profiles in solid wood framed doors in cabinetry. Layout for manual feed.

MAN HW

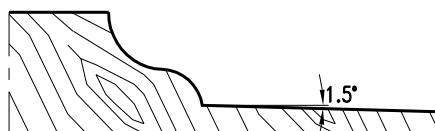
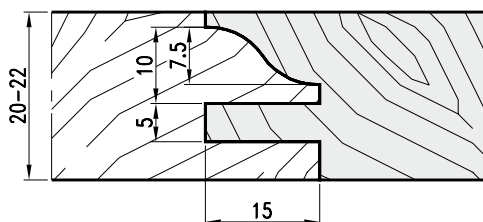
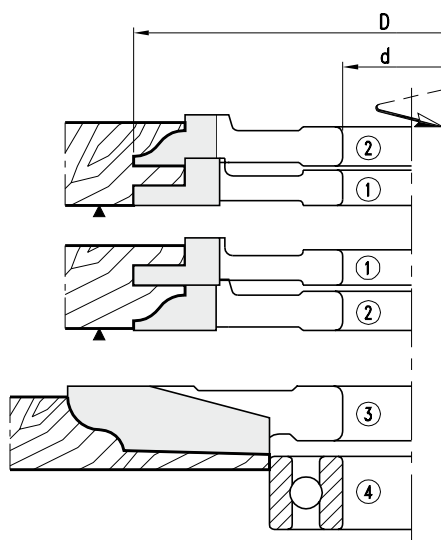
Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.
1	120	10,5	30	2	6400-11100	02	8289.120.011
2	120	11,8	30	2	6400-11100	02	8289.120.012
Garnitur • Cutterset (1+2)							8289.012.000



- HW-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil, sowie zum Abplatten von Füllungen mit Anlaufing. Ausführungen für manuellen Vorschub.
- TC-Profile tipped cutterhead with steel tool body for profiles and counter profiles, and for panel raising with guide ring. Layout for manual feed.

MAN HW

Nr.	DB	d	Z	n min -n max	PG	Art. Nr.	
1	120	10,5	30	2	6400-11100	02	8289.120.111
2	120	11,8	30	2	6400-11100	02	
8289.120.112		3	150	14,0	30	2	5200-8900
02	8289.150.014						
4	62					02	8289.062.000
Garnitur • Cutterset (1+2+3+4)						02	8289.013.000





- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Vier verschiedene Profilvarianten. Ausführungen für mechanischen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for profiles and counter profiles in solid wood framed doors in cabinetry. Four tool sets for frames with different profiles. Layout for mechanical feed.

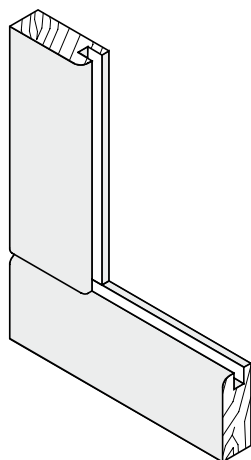
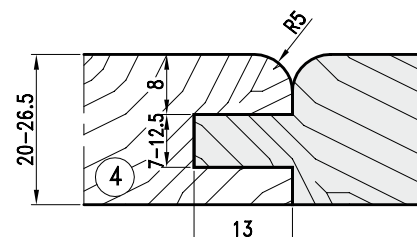
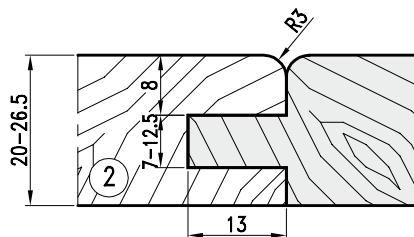
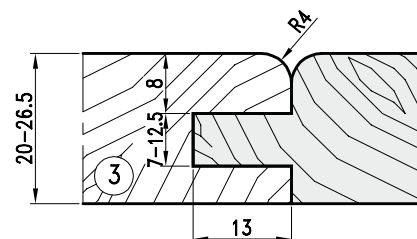
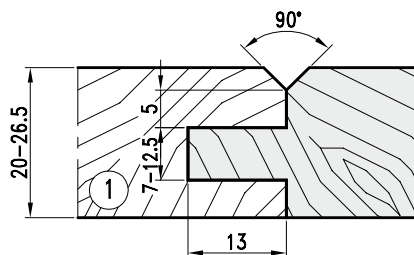
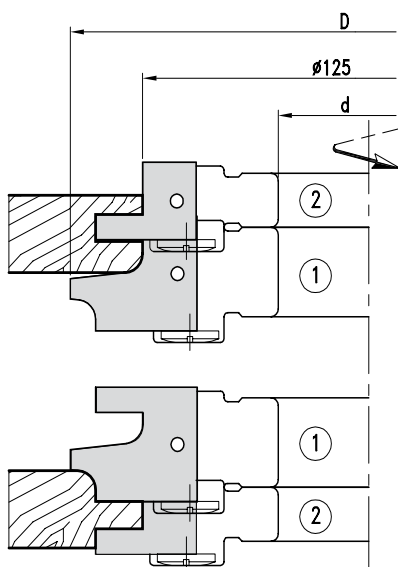
MEC HW

Nr.	D	B	d	Z	n min -n max	PG	Art. Nr.
1	165	30	30/50	2	5500-9500	02	4814.165.030 ●
2	151	20	30/50	2	5500-9500	02	4814.151.020 ●
Garnitur • Cutterset							02 4814.000.000

● ohne Wendemesser ● cutterhead supplied without knives

Wechselsmesser/Ersatzteile • Reversible knives/Spare parts

	Nr.	P	Dim.	PG	Art. Nr.
Wechselsmesser • Reversible knife	1	P1	30x35x2	02	785.790
		P2	30x35x2	02	785.791
		P3	30x35x2	02	785.792
		P4	30x35x2	02	785.793
	2		20x30x2	02	785.794
Spannkeil • Clamping wedge	1			02	707.578.01
	2			02	707.578.02
Gewindestift • Screw			M8x16	02	705.542
Sechskantschlüssel • T Wrench			SW4 (M8)	02	706.104





- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren mit Anlaufring. Drei verschiedene Profilvarianten. Ausführungen für manuellen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for profiles and counter profiles with guide ring in solid wood framed doors in cabinetry. Three tool sets for frames with different profiles. Layout for manual feed.

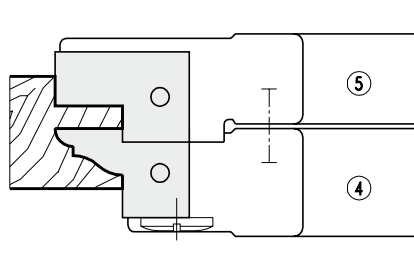
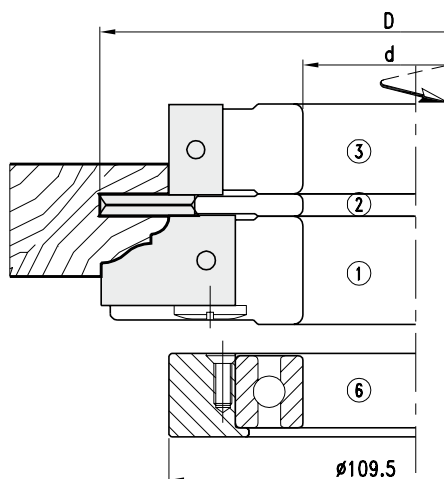
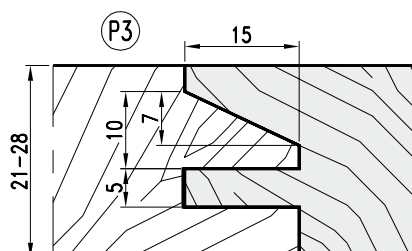
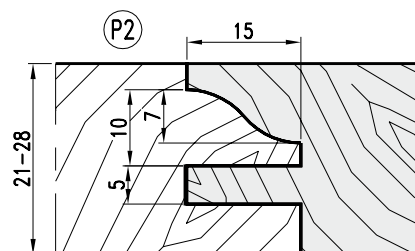
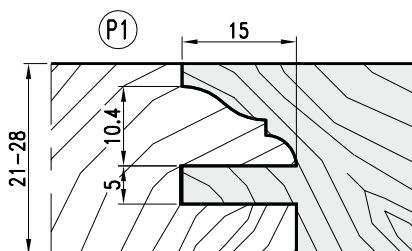
MAN HW

Nr.	D	B	d	Z	V	n min -n max	PG	Art. Nr.
1	139,5	20	50	4		5500-9500	02	4819.140.020
2	140,0	5	50	4	4	5500-9500	02	4849.140.005
3	109,5	20	50	4		7000-11900	02	4819.110.020
4	160,0	20	50	3		4800-8300	02	4819.160.020
5		20	50	3		4800-8300	02	4819.160.120
6	109,5	Anlaufring • <i>Template ring</i>					02	702.224
Garnitur • <i>Cutterset</i>							02	4819.000.000

● ohne Wendemesser ● cutterheads supplied without knives

Wechselsmesser/Ersatzteile • Reversible knives/Spare parts

	Nr.	P	Dim.	PG	Art. Nr.
Wechselsmesser • Reversible knife	1	P1	20x30x2	02	785.750
		P2	20x30x2	02	785.751
		P3	20x30x2	02	785.752
	3		20x12x1,5	02	750.102
	4	P1	20x30x2	02	785.753
		P2	20x30x2	02	785.754
Spannkeil • Clamping wedge		P3	20x30x2	02	785.755
	5		20x30x2	02	785.756
	1			02	707.091
	3			02	707.130.20
	4			02	707.092
Gewindestift • Screw	5			02	707.093
			M8x16	02	705.542
	6		D=80	02	701.105
Sechskantschlüssel • T Wrench			SW4	02	706.104

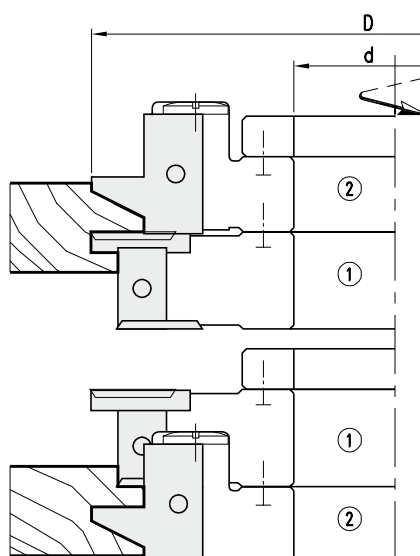




- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Drei verschiedene Profilvarianten. Ausführungen für manuellen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for profiles and counter profiles in solid wood framed doors in cabinetry. Three tool sets for frames with different profiles. Layout for manual feed.

MAN HW

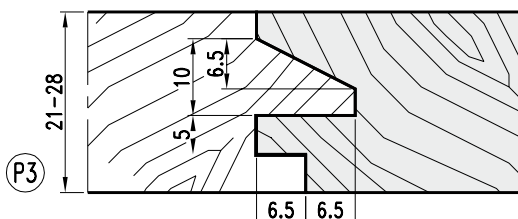
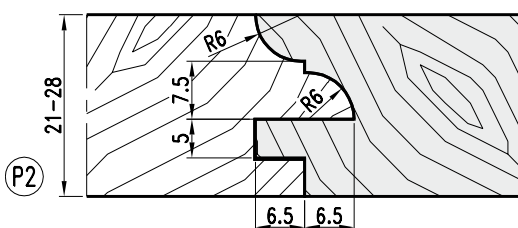
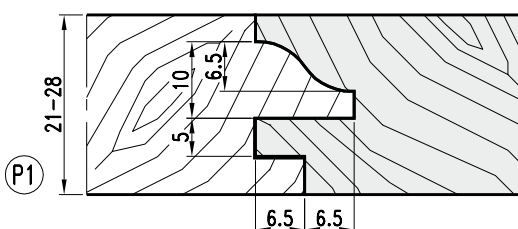
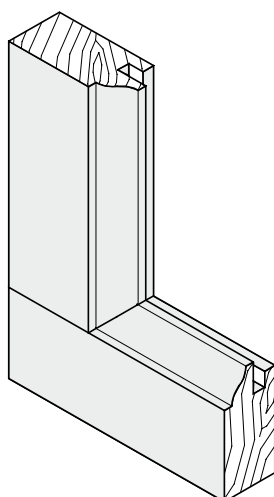
Nr.	D	B	d	Z	V	I	n min -n max	PG	Art. Nr.
1	150,2	24,0	30/50	2	2+2	2	5200-8900	02	4819.150.024
2	150,0	29,5	30/50	2			5200-8900	02	4819.150.030
Garnitur • Cutterset									02 4819.000.001



Wechsellmesser/Ersatzteile • Reversible knives/Spare parts

	Nr.	P	Dim.	PG	Art. Nr.
Wechsellmesser • Reversible knife	2	P1	29,5X27,5X2	02	785.404
		P2	29,5X27,5X2	02	785.405
		P3	29,5X27,5X2	02	785.406
	1	P4	20x12x1,5	02	750.102
Spannkeil • Clamping wedge	2			02	707.253
				02	707.002.18
Gewindestift • Screw			M8x16	02	705.542
Vorschneider • Spur				22x19x2	02
760.101					
Spannschraube • Screw			M5x8	02	705.422
Nutmesser • Groover			13x24,5x5	02	783.102
Schraube • Screw			M5x13,5	02	705.318
Sechskantschlüssel • T Wrench			SW3(M5)	02	706.103
			SW4(M8)	02	706.104

- Garnitur Art. 4819.000.001 wird vollständig mit 3 Profilen geliefert
- Cutterset 4819.000.001 supplied complete with 3 profiles





- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Drei verschiedene Profilvarianten. Ausführungen für manuellen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for profiles and counter profiles in solid wood framed doors in cabinetry. Three tool sets for frames with different profiles. Layout for manual feed.

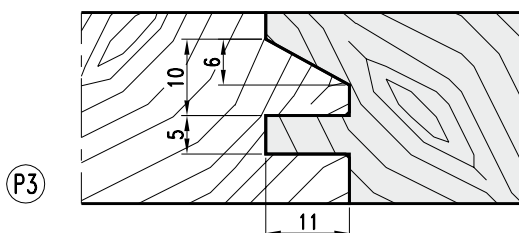
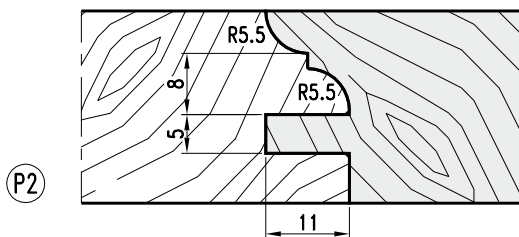
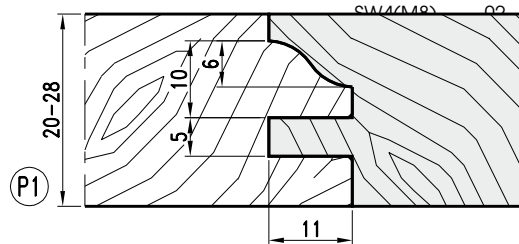
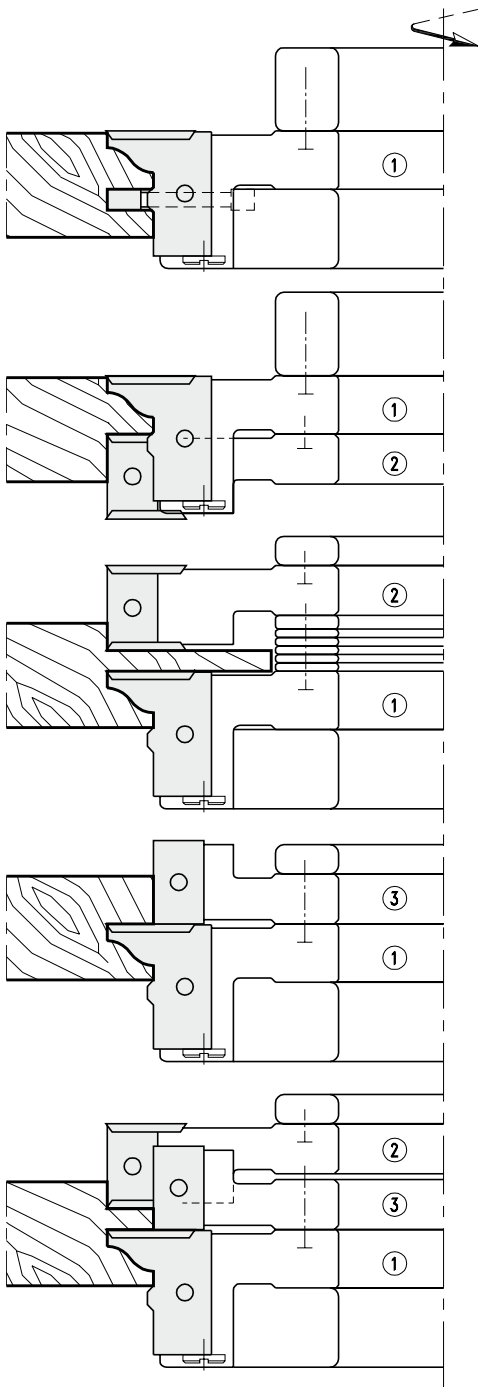
MAN HW

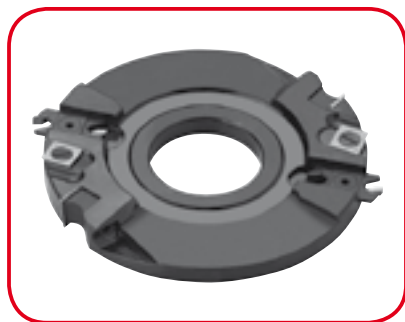
Nr.	D	B	d	Z	V	I	n min -n max	PG	Art. Nr.
1	160	30	30/50	3	3	3	4800-8300	02	4819.160.030 ●
2		20	30/50	3	3+3		4800-8300	02	4819.160.220
3	138	20	30/50	3			5600-9600	02	4819.138.020
Garnitur • Cutterset									02 4819.000.002

● ohne Wechselsmesser ● cutterheads supplied without knives

Wechselsmesser/Ersatzteile • Reversible knives/Spare parts

	Nr.	P	Dim.	PG	Art. Nr.
Wechselsmesser • Reversible knife	1	P1	30x25x2	02	785.302
		P2	30x25x2	02	785.301
		P3	30x25x2	02	785.303
	2/3		20x12x1,5	02	750.102
Spannkeil • Clamping wedge	1			02	707.807
	2/3			02	707.002.18
Gewindestift • Screw	1		M8x12	02	705.541
	2/3		M8x16	02	705.542
Vorschneider • Spur	1		22x19x2		02
					760.101
	2		14x14x2	02	750.111
Spannschraube • Screw			M5x8	02	705.422
Nutmesser • Groover			35x17x5	02	783.121
Schraube • Screw			M5x13,5	02	705.318
Sechskantschlüssel • T Wrench			SW3(M5)	02	706.103
					706.104





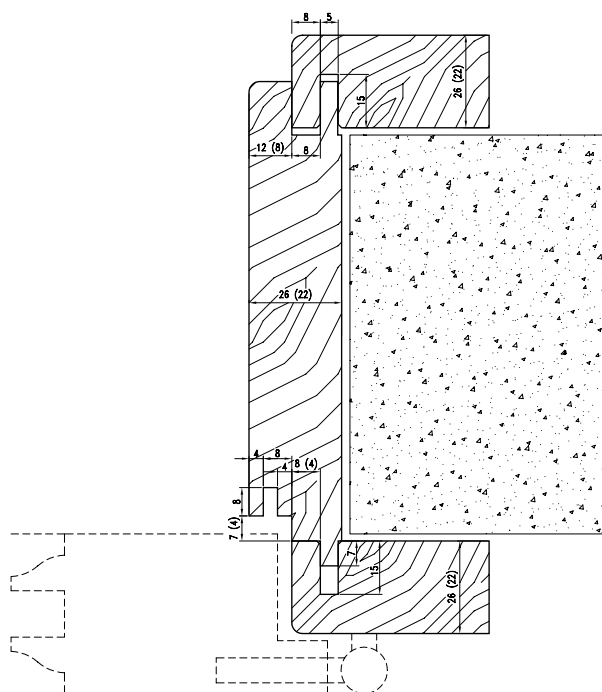
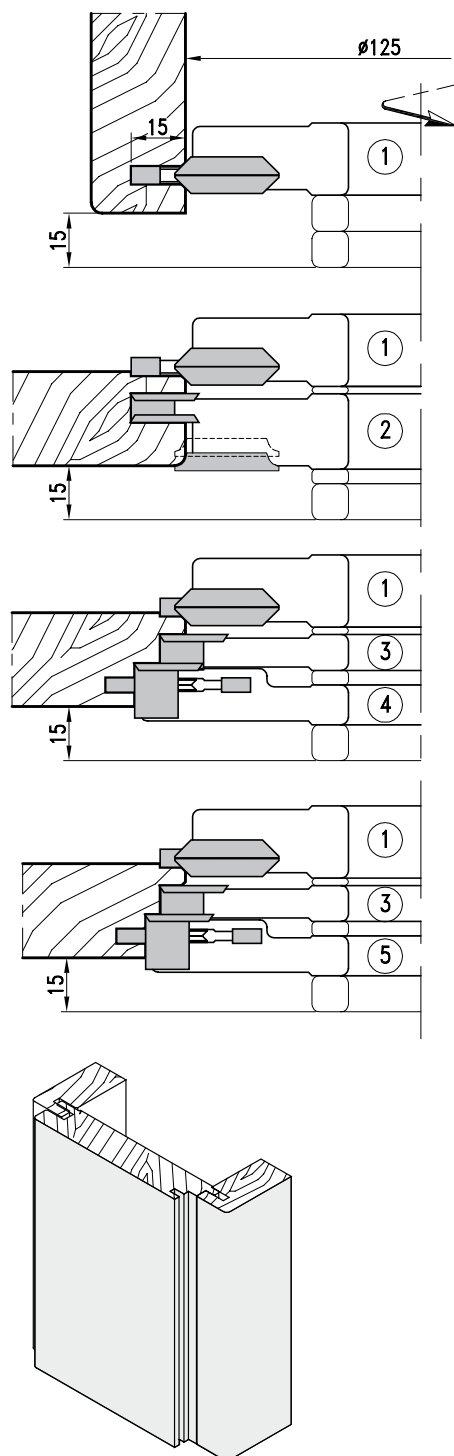
- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Türfutter und Bekleidung. Für Weich- und Harthölzer bzw. Span- und Faserwerkstoffe, beschichtet oder Furniert. Ausführungen für manuellen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for door cases and door linings. For softwood and hardwood, chipboard and fibre material, plastic coated and veneered. Layout for manual feed.

MAN HW

Nr.	D	B	d	Z	V	I	n min - n max	PG	Art. Nr.
1	125	4,0	40/50	2		2	6100-10500	02	4879.125.004
2	155	8,0	40/50	2	4		4300-8400	02	4879.155.008
3	139	9,8	40/50	2	2		5600-9600	02	4879.139.010
4	153	15,0	40/50	2	2	2	5000-8600	02	4879.153.015
5	147	15,0	40/50	2	2		5200-8900	02	4879.147.015

Wechselmesser/Ersatzteile • Reversible knives/Spare parts

	Nr.	Dim.	PG	Art. Nr.
Wechselmesser • Reversible knife	2	7,5x12x1,5	02	750.097
	3	9,6x12x1,5	02	750.098
	4/5	15x12x1,5	02	750.101
Spannkeil • Clamping wedge	2		02	707.002.07
	3		02	707.002.08
	4/5		02	707.133.15
Schraube • Screw	2	M5x12	02	705.523
	3	M6x16	02	705.535
	4/5	M8x12	02	705.541
Vorschneider • Spur			14x14x2	02 750.111
Schraube • Screw		M5x7	02	705.425
Nutmesser • Groover	1	20x34x5	02	783.123
	1	20x26x5	02	783.124
Abrundmesser • Rounding blade		R3	02	780.251
Fasemesser • Chamfering blade		45°	02	780.260
Schraube • Screw		M5x13,5	02	705.318
Sechskantschlüssel • T Wrench		SW2,5(M5)	02	706.102
		SW3(M6)	02	706.103
		SW4(M8)	02	706.104





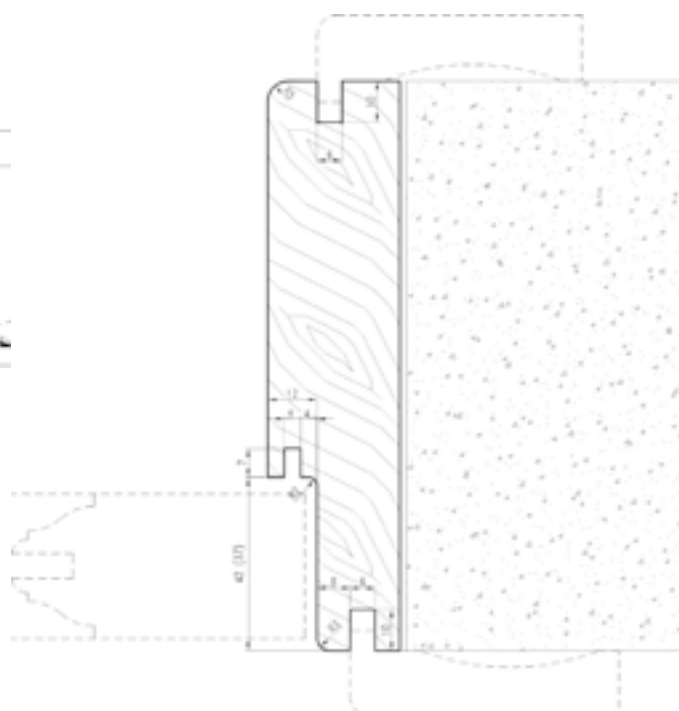
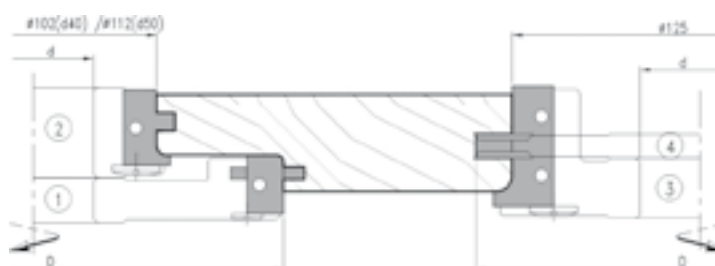
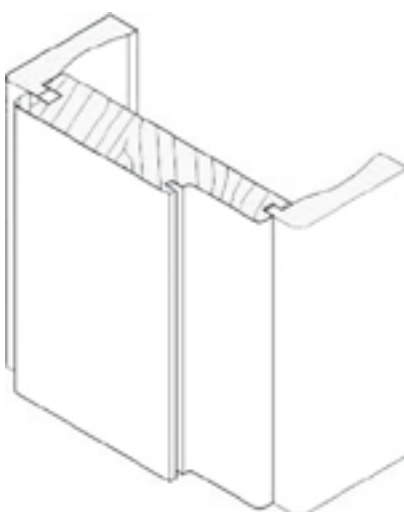
- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Türfutter und Bekleidung. Für Weich- und Harthölzer bzw. Span- und Faserwerkstoffe, beschichtet oder Furniert. Ausführungen für mechanischen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for door cases and door linings. For softwood and hardwood, chipboard and fibre material, plastic coated and veneered. Layout for mechanical feed.

MEC **HW**

Nr.	D	B	d	Z	V	I	n min - n max	PG	Art. Nr.
1	166	20	40/50	4		2	7800	02	4884.166.020
2	102	25	40	4			14200	02	4884.102.025
	112	25	40/50	4			12000	02	4884.112.025
3	137	40	40/50	4			9500	02	4884.137.040
4	149	6	40/50	4	4		8900	02	4884.149.006

Wechselmesser/Ersatzteile • Reversible knives/Spare parts

	Nr.	Dim.	PG	Art. Nr.
Wechselmesser • Reversible knife	1	20x12x1,5	02	785.110
	2	25x17x2	02	785.111
	3	40x20x2	02	785.112
	4	7,6x12x1,5	02	750.097
Spannkeil • Clamping wedge	1		02	707.130.20
	2		02	707.012.23
	3		02	707.002.38
	4		02	707.002.07
Schraube • Screw (DIN 915)	1/3	M8x16	02	705.542
	2	M6x16	02	705.535
	4	M5x12	02	705.523
Vorschneider • Spur			14x14x2	02 750.111
Schraube • Screw (DIN 963)		M5x8	02	705.422
Nutmesser • Groover		25,5x13x4	02	783.101
Schraube • Screw		M5x13,5	02	705.318
Sechskantschlüssel • T Wrench		SW4 (M8)	02	706.104
		SW3 (M6)	02	706.103
		SW2,5 (M5)	02	706.102





- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Türfuttern. Für Weich- und Harthölzer. Ausführungen für mechanischen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for door cases made from softwood and hardwood. Layout for mechanical feed.

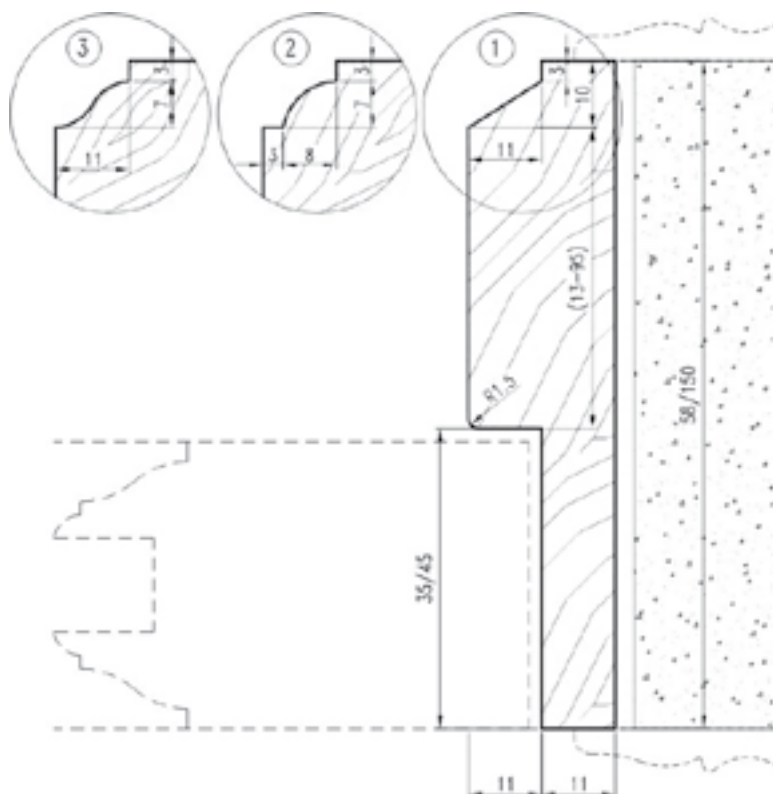
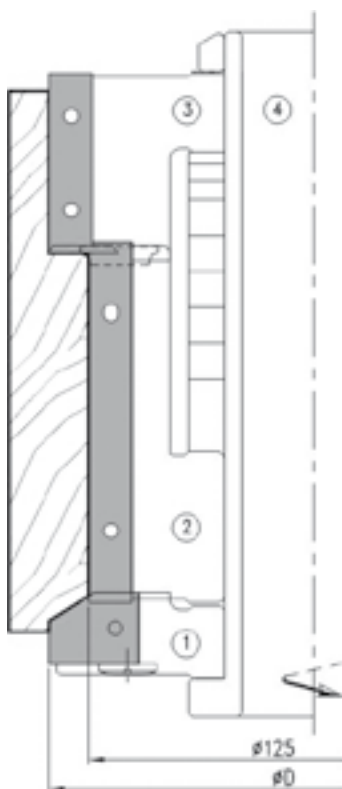
MEC HW

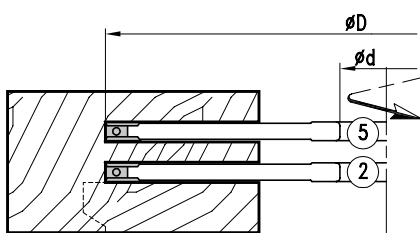
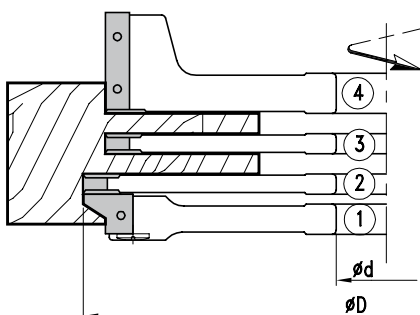
Nr.	D	B	d	Z	V	S	n max	PG	Art. Nr.
1	147	20	50	2			8900	02	4884.147.020 ●
2	125	100	50	2			8900	02	4884.125.100
3	147	50	50	2	2	2	8900	02	4884.147.050
4	50	190	40					02	704.901
1+2+3+4								02	4884.000.000

● ohne Wechselmesser ● supplied without knives

Wechselmesser/Ersatzteile • Reversible knives/Spare parts

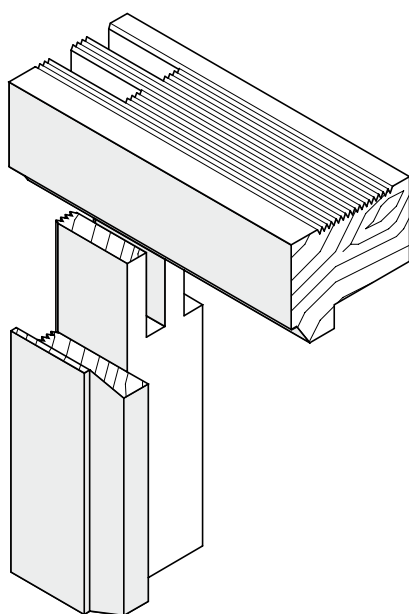
	Nr.	Dim.	PG	Art. Nr.
Wechselmesser • Reversible knife	1	20x25x2	02	785.621
		20x25x2	02	785.622
		20x25x2	02	785.623
	2	100x13x2,2	02	750.109
	3	50x12x1,5	02	750.106
Spannkeil • Clamping wedge	1		02	707.084
	2		02	707.002.98
	3		02	707.130.48
Gewindestift • Screw (DIN915)		M8x16	02	705.542
Vorschneider • Spur		14x14x2	02	750.111
Spannschraube • Screw (DIN963)		M5x8	02	705.422
Abrundmesser • Rounding blade		R1,5	02	780.205
Schraube • Screw		M5x13,5	02	705.318
Sechskantschlüssel • T Wrench		SW3(M5)	02	706.103
		SW4(M8)	02	706.104





Profile, siehe Art. 4884

Profiles, siehe Art. 4884



- WP-Schlitz- und Zapfenfräser mit Stahltragkörper. Drei Profile für Tür-Rahmenverbindungen aus Weich- oder Hartholz. Ausführungen für manuellen Vorschub.
- TC-Slot- and Tenon cutters with steel tool body and reversible knives. Three profiles for door frames made from soft- or hardwood. Layout for manual feed.

MAN HW

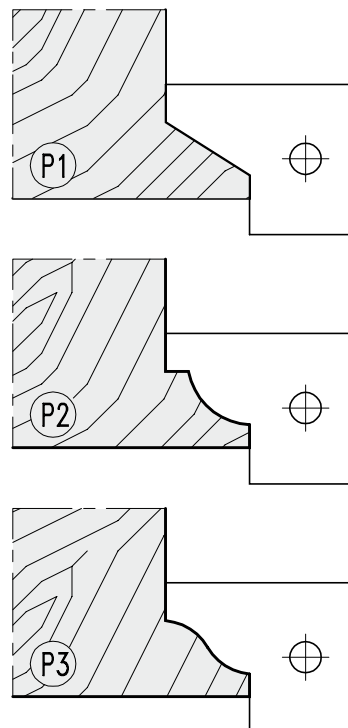
Nr.	D	B	d	Z	V	n min -n max	PG	Art. Nr.
1	302	20	50	3		2600-4400	02	5239.302.020 ●
2		10	50	3	6	2600-4400	02	5239.302.010
3	280	10	50	3	6	2800-4700	02	5199.280.010
4		50	50	3	3	2800-4700	02	5239.280.050
5	302	10	50	3	6	2800-4400	02	5199.302.010

● ohne Wechselmesser ● supplied without knives

Wechselmesser/Ersatzteile • Reversible knives/Spare parts

	Nr.	Dim.	PG	Art. Nr.
Wechselmesser • Reversible knife	1	P1 20x25x2	02	785.625
		P2 20x25x2	02	785.626
		P3 20x25x2	02	785.627
2/3/5		9,6x12x1,5	02	750.098
	4	50x12x1,5	02	750.106
Spannkeil • Clamping wedge	1		02	707.085
	2/3/5		02	707.002.08
	4		02	707.130.50
Gewindestift • Screw		M8x16	02	705.542
	2/3/5	M6x16	02	705.535
Vorschneider • Spur		14x14x2	02	750.111
Spannschraube • Screw		M5x8	02	705.422
Sechskantschlüssel • T Wrench		SW3(M6)	02	706.103
		SW4(M8)	02	706.104

- Serienartikel, kurzfristige Fertigung bei Bestellung
- Standard article short-time production after order





- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Zehn verschiedene Profilfräsergarnituren. Ausführungen für manuellen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for profiles and counter profiles in solid wood framed doors. Ten different profilecuttersets. Layout for manual feed.

HB= 30-40

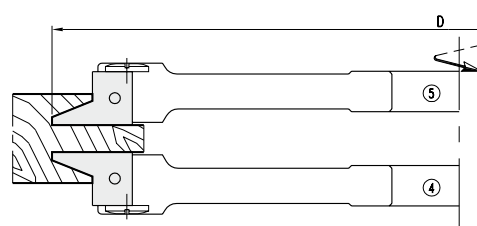
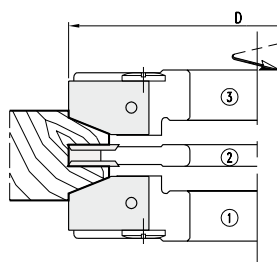
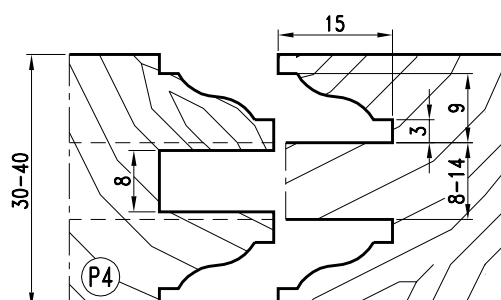
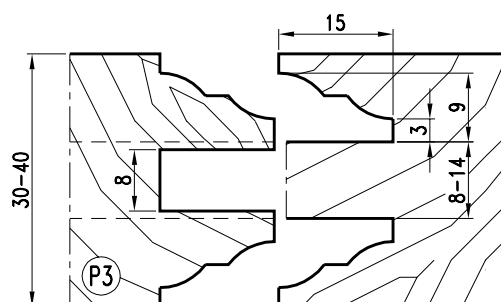
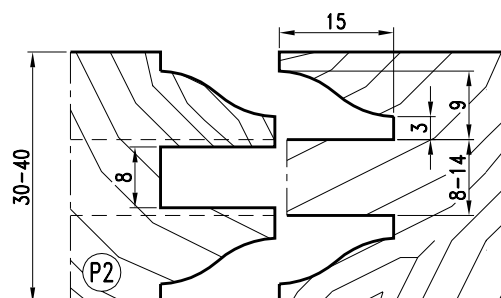
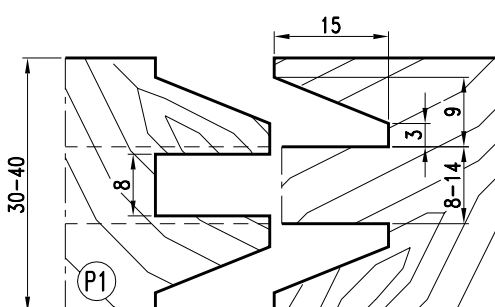
MAN HW

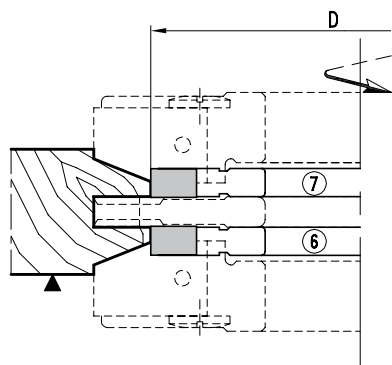
Nr.	D	B	d	Z	V	n min -n max	PG	Art. Nr.
1	140	20	50	3		5500-9500	02	4899.140.020 ●
2		8	50	4	4	5500-9500	02	5149.140.008
3		20	50	3		5500-9500	02	4899.140.120 ●
4	302	20	50	3		2600-4400	02	4899.302.020 ●
5		20	50	3		2600-4400	02	4899.302.120 ●

● ohne Wechselmesser ● cutterheads supplied without knives

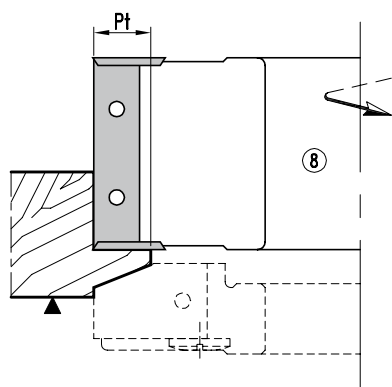
Wechselmesser/Ersatzteile • Reversible knives/Spare parts

	P	Dim.	Nr.	PG	Art. Nr.
Wechselmesser • Reversible knife	P1	20x30x2 (P1)	1	02	785.601
	P1	20x30x2 (P1)	3	02	785.602
	P1	20x30x2 (P1)	4	02	785.603
	P1	20x30x2 (P1)	5	02	785.604
	P2	20x30x2 (P2)	1	02	785.605
	P2	20x30x2 (P2)	3	02	785.606
	P2	20x30x2 (P2)	4	02	785.607
	P2	20x30x2 (P2)	5	02	785.608
	P3	20x30x2 (P3)	1	02	785.609
	P3	20x30x2 (P3)	3	02	785.610
	P3	20x30x2 (P3)	4	02	785.611
	P3	20x30x2 (P3)	5	02	785.612
	P4	20x30x2 (P4)	1	02	785.613
	P4	20x30x2 (P4)	3	02	785.614
	P4	20x30x2 (P4)	4	02	785.615
	P4	20x30x2 (P4)	5	02	785.616
Spannkeil • Clamping wedge		7,5x12x1,5	2	02	750.097
			1	02	707.080
			2	02	707.002.07
			3	02	707.081
			4	02	707.082
Gewindestift • Screw		M5x16		02	705.582
		M8x16		02	705.542
Vorschneider • Spur		14x14x2		02	750.111
Spannschraube • Screw		M5x6		02	705.424
Sechskantschlüssel • T Wrench		SW2,5 (M5)		02	706.102
		SW4 (M8)		02	706.104

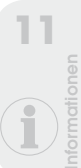
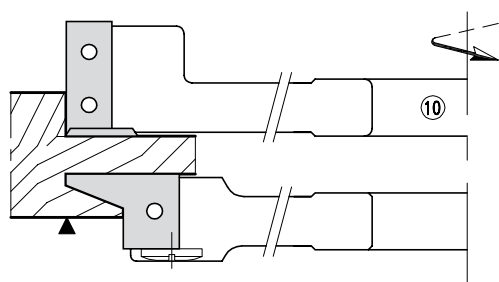
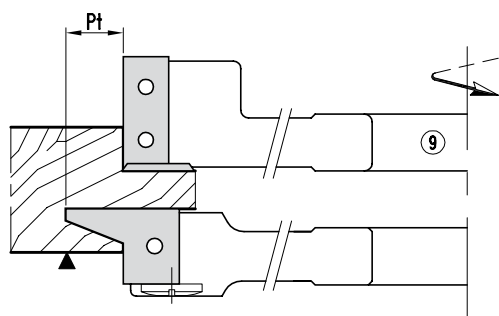


**HB= 30-40****HW**

Nr.	D	B	d	Z	V	Pt	n min -n max	PG	Art. Nr.
6	110	7,6	50	3			6900-12000	02	4899.110.008
7		7,6	50	3			6900-12000	02	4899.110.108
8	132	30,0	50	3	3	11	5800-10000	02	4899.132.030
8		50,0	50	3	3	11	5800-10000	02	4899.132.050
8	140	50,0	50	4	4	15	5500-9500	02	5769.140.050
9	272	30,0	50	3	3	15	2800-4800	02	5249.272.230
9	280	30,0	50	3	3	11	2800-4700	02	5249.280.230
10	302	30,0	50	3	3		2600-4400	02	5249.302.230

**Wechselmesser/Ersatzteile • Reversible knives/Spare parts**

	Dim.	Nr.	PG	Art. Nr.
Wechselmesser • Reversible knife	7,5x12x1,5	6/7	02	750.097
	30x12x1,5	9/10	02	750.104
	50x12x1,5	8	02	750.106
Spannkeil • Clamping wedge		6/7	02	707.002.07
		9/10	02	707.130.30
		8	02	707.130.50
Gewindestift • Screw	M6x12	6/7	02	705.533
	M8x16		02	705.542
Vorschneider • Spur	14x14x2		02	750.111
Spannschraube • Screw	M5x8		02	705.422
Sechskantschlüssel • T Wrench	SW3 (M6)		02	706.103
	SW4 (M8)		02	706.104

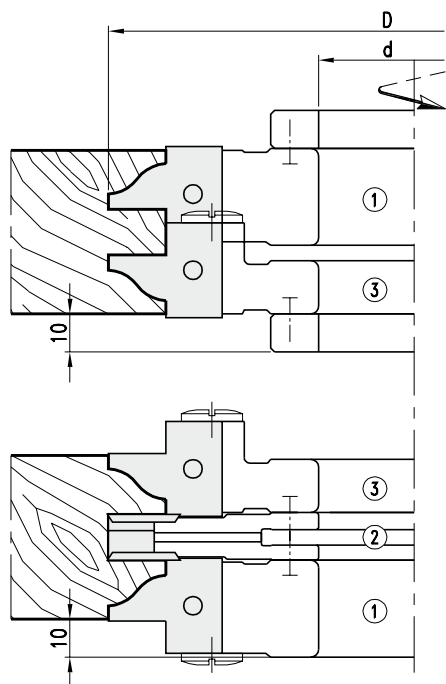




- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Garnitur aus drei verschiedenen Profilfräsern. Ausführungen für manuellen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for profiles and counter profiles in solid wood framed doors. Set with three different profilecutters. Layout for manual feed.

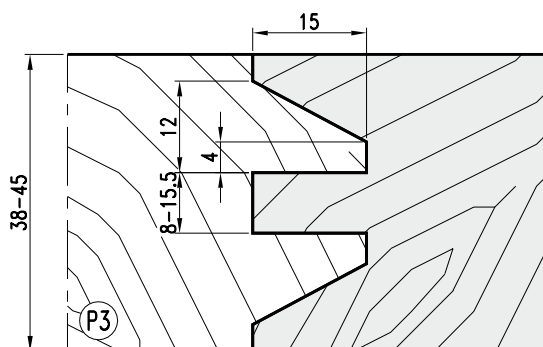
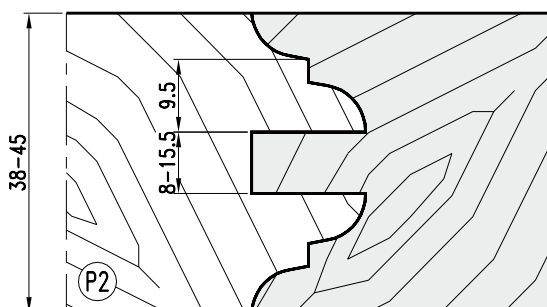
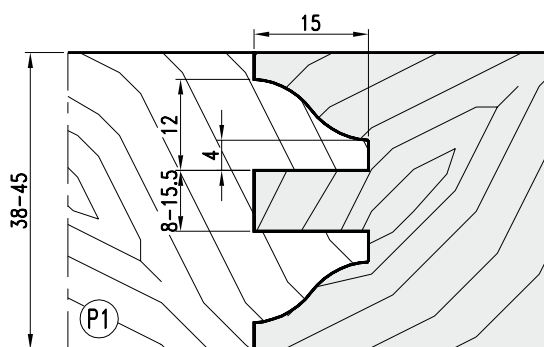
MAN HW

Nr.	D	B	d	Z	V	n min -n max	PG	Art. Nr.
1	160	25	30/50	2		4800-8300	02	4894.160.025 •
2		8-15	30/50	4	4	4800-8300	02	4894.160.008
3		25	30/50	2		4800-8300	02	4894.160.125 •
Garnitur (1+2+3) • Cutterset (1+2+3)							02	4894.000.000



Wechselsmesser/Ersatzteile • Reversible knives/Spare parts

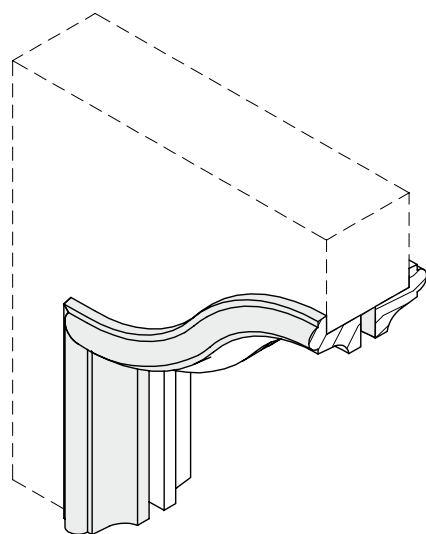
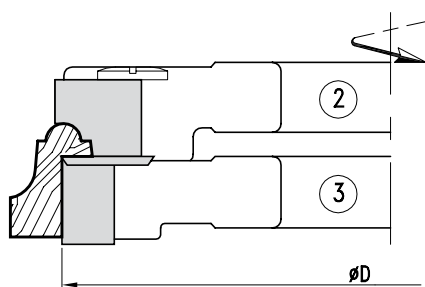
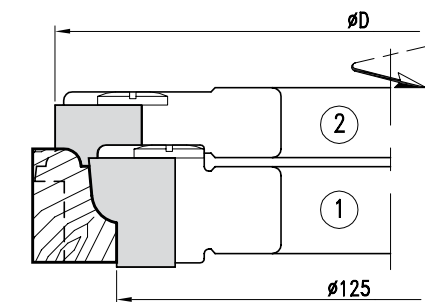
	P	Dim.	Nr.	PG	Art. Nr.
Wechselsmesser • Reversible knife	P1	29,5x25x2	1	02	785.502
	P1	29,5x25x2	3	02	785.501
	P2	29,5x25x2	1	02	785.504
	P2	29,5x25x2	3	02	785.503
	P3	29,5x25x2	1	02	785.506
	P3	29,5x25x2	3	02	785.505
		7,5x12x1,5	2	02	750.097
Spannkeil • Clamping wedge			1	02	707.531
			2	02	707.002.06
			3	02	707.530
Gewindestift • Screw		M5x12	2	02	705.523
		M6x16	1/3	02	705.535
Vorschneider • Spur			14x14x2	02	750.111
Spannschraube • Screw		M5x8		02	705.422
Sechskantschlüssel • T Wrench		SW2,5		02	706.102
		SW3		02	706.103





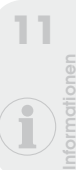
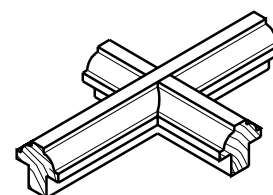
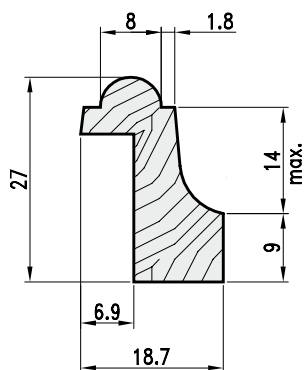
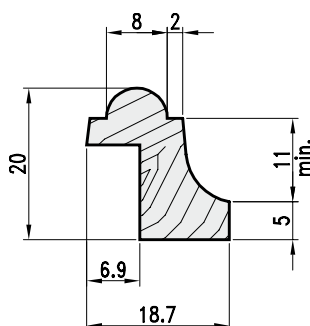
- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Sprossen und Leisten an Massivholz-Rahmentüren. Garnitur aus drei verschiedenen Profilfräsern. Ausführungen für manuellen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for beads and mouldings in solid wood framed doors. Set with three different profilecutters. Layout for manual feed.

Nr.	D	B	d	Z	n min -n max	PG	MAN	HW
							Art. Nr.	
1	138	25	30/50	3	5600-9600	02	4839.138.025	
2	153	20	30/50	3	5000-8600	02	4839.153.020	
3	151	20	30/50	3	5000-8600	02	4839.151.020	



Wechselmesser/Ersatzteile • Reversible knives/Spare parts

Nr.	Dim.	PG	Art. Nr.
Wechselmesser • Reversible knife	1 25x20x2	02	785.774
	2 20x20x2	02	785.775
	3 20x12x1,5	02	750.102
Spannkeil • Clamping wedge	1	02	707.002.23
	2	02	707.576.01
	3	02	707.133.20
Gewindestift • Screw	M8x16	02	705.542
Vorschneider • Spur	14x14x2	02	750.111
Spannschraube • Screw	M5x8	02	705.422
Sechskantschlüssel • T Wrench	SW4	02	706.104



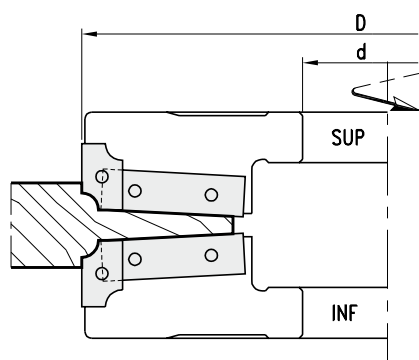


- WP-Profilmesserkopf mit Stahltragkörper zum Abplatten von Rahmenfüllungen. Profilmesserkopf für drei verschiedene Abplattprofile zum einseitigen oder beidseitigen Abplatten. Ausführungen für manuellen Vorschub.
- TC-Panel raising cutter with steel tool body and reversible knives for solid wood panels. Cutterhead for three different panel raising profiles by knife change. Layout for manual feed.

MAN HW

D	B	d	Z	n min -n max	PG	SUP	INF
180	30	30/50	2+2	4300-7400	02	5279.180.030 • 5279.180.130 •	

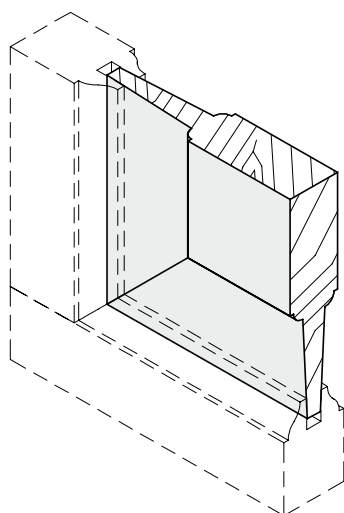
- Abplattfräser wird mit P1 geliefert, auf Anfrage mit P2, P3 oder Profilen nach Wunsch
- Cutterhead equipped with tips for basic profile P1



Wechselmesser/Ersatzteile • Reversible knives/Spare parts

	Dim.	Nr.	PG	Art. Nr.
Wendemesser • Reversible knife	20x12x1,5	1(SUP)	02	781.111
	20x12x1,5	2	02	781.112
	20x12x1,5	3	02	781.113
	20x12x1,5	1(INF)	02	781.114
	20x12x1,5	2	02	781.115
	20x12x1,5	3	02	781.116
Spannkeil • Clamping wedge		SUP	02	707.273
		INF	02	707.275
Wendemesser • Reversible Knife	50x12x1,5		02	750.106
Spannkeil • Clamping wedge		SUP	02	707.274
		INF	02	707.276
Gewindestift • Screw	M8x16		02	705.542
Sechskantschlüssel • T Wrench		SW4	02	706.104
Einstelllehre • Adjusting gauge	1,0		02	709.504

- Standardprofil P1 und weitere Profilmöglichkeiten
- Basic profile P1 and further profile variations



Weitere Profilmöglichkeiten • Further profile variations

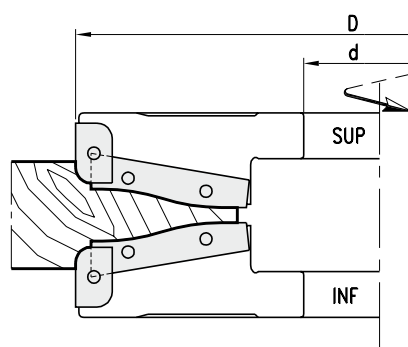
5279**HW Abplattfräser - Wechselsmesser***TC Panel raising cutter - Reversible knife*

- WP-Profilmesserkopf mit Stahltragkörper zum Abplatten von Rahmenfüllungen. Profilmesserkopf für drei verschiedene Abplattprofile zum einseitigen oder beidseitigen Abplatten. Ausführungen für manuellen Vorschub.
- TC-Panel raising cutter with steel tool body and reversible knives for solid wood panels. Cutterhead for three different panel raising profiles by knife change. Layout for manual feed.

MAN HW

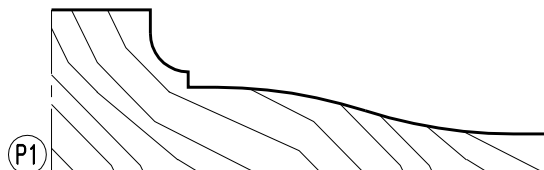
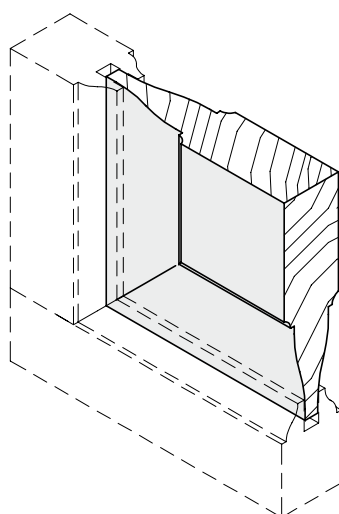
D	B	d	Z	n min -n max	PG	SUP	iNF
200	30	30/50	2+2	3900-6600	02	5279.200.030	5279.200.130

- Abplattfräser wird mit P1 geliefert, auf Anfrage mit P2, P3 oder Profilen nach Wunsch
- Cutterhead equipped with tips for basic profile P1

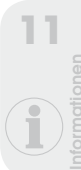
**Wechselsmesser/Ersatzteile • Reversible knives/Spare parts**

	Dim.	Nr.	PG	Art. Nr.
Wechselsmesser • Reversible knife	20x12x1,5	1(SUP)	02	781.111
	20x12x1,5	2	02	781.112
	20x12x1,5	3	02	781.113
	20x12x1,5	1(INF)	02	781.114
	20x12x1,5	2	02	781.115
	20x12x1,5	3	02	781.116
Spannkeil • Clamping wedge		SUP	02	707.273
		INF	02	707.275
Wendemeser • Reversible Knife	60x12x1,5	SUP	02	781.120
	60x12x1,5	INF	02	781.121
Spannkeil • Clamping wedge		SUP	02	707.272
		INF	02	707.277
Gewindestift • Screw	M8x16		02	705.542
Sechskantschlüssel • T Wrench	SW4		02	706.104
Einstelllehre • Adjusting gauge	1,0		02	709.504

- Standardprofil P1 und weitere Profilmöglichkeiten
- Basic profile P1 and further profile variations



Weitere Profilmöglichkeiten • Further profile variations



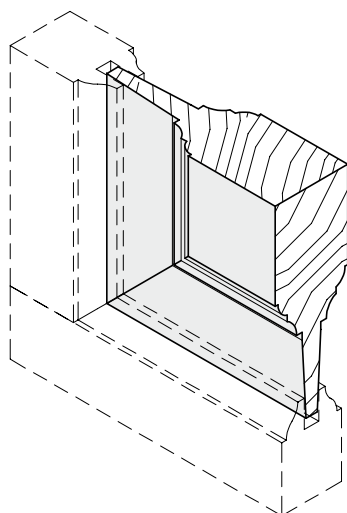
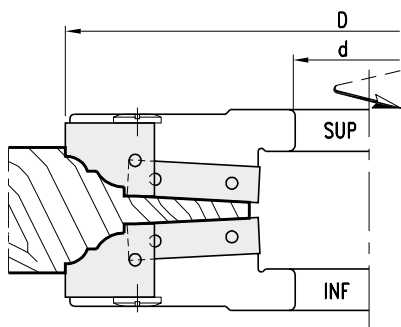


- WP-Profilmesserkopf mit Stahltragkörper zum Abplatten von Rahmenfüllungen. Profilmesserkopf für vier verschiedene Abplattprofile zum einseitigen oder beidseitigen Abplatten. Ausführungen für manuellen Vorschub.
- TC-Panel raising cutter with steel tool body and reversible knives for solid wood panels. Cutterhead for four different panel raising profiles by knife change. Layout for manual feed.

MAN HW

D	B	d	Z	n min -n max	PG	SUP	INF
205	30	30/50	2+2	3700-6300	02	5274.205.030	5274.205.130

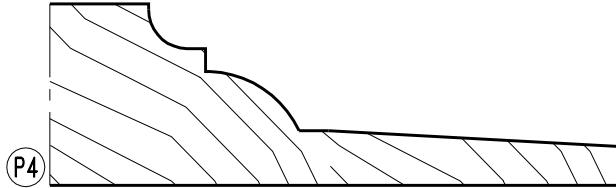
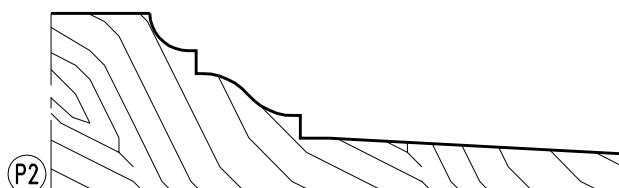
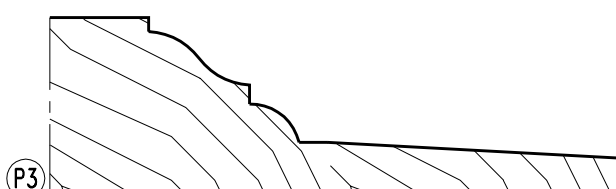
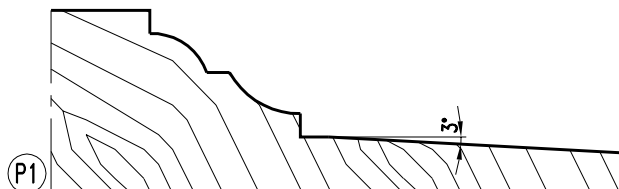
- Abplattfräser wird mit P1 geliefert, auf Anfrage mit P2, P3 oder Profilen nach Wunsch
- Cutterhead equipped with tips for basic profile P1



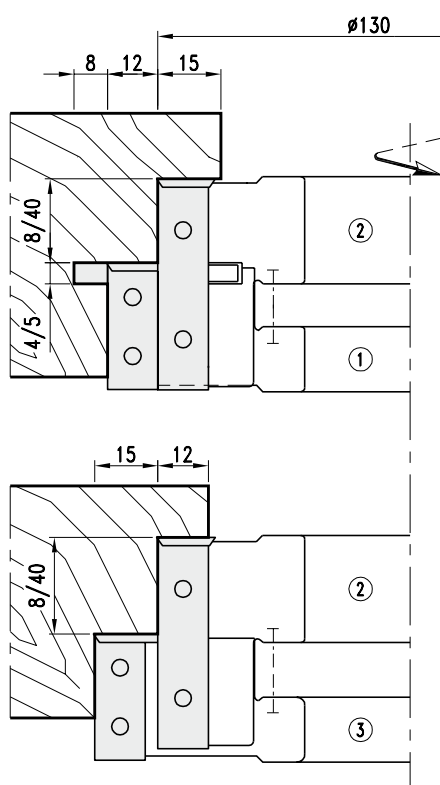
Wechselmesser/Ersatzteile • Reversible knives/Spare parts

	Dim.	Nr.	PG	Art. Nr.
Wechselmesser • Reversible knife	25x30x2	1(SUP)	02	782.501
	25x30x2	2	02	782.502
	25x30x2	3	02	782.503
	25x30x2	4	02	782.504
	25x30x2	1(INF)	02	782.505
	25x30x2	2	02	782.506
	25x30x2	3	02	782.507
	25x30x2	4	02	782.508
Spannkeil • Clamping wedge		SUP	02	707.561
		INF	02	707.953
Wendemesser • Reversible knife	50x12x1,5		02	750.106
Spannkeil • Clamping wedge		SUP	02	707.144
		INF	02	707.139
Gewindestift • Screw	M8x16		02	705.542
	M10x16		02	705.551
Sechskantschlüssel • T Wrench	SW4		02	706.104
	SW5		02	706.105

- Standardprofil P1 und weitere Profilmöglichkeiten
- Basic profile P1 and further profile variations



Weitere Profilmöglichkeiten • Further profile variation



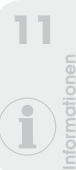
- WP-Doppelfalz-Messerkopf mit Stahltragkörper zum Fräsen von Doppelfalzprofilen mit und ohne Rahmendichtung. Für Weich- und Harthölzer, Verbundwerkstoffe. Ausführungen für manuellen Vorschub.
- TC-Double rebate cutterhead with steel tool body and reversible knives for double rebate profiles with and without frame seals. For softwood, hardwood and compound materials. Layout for manual feed.

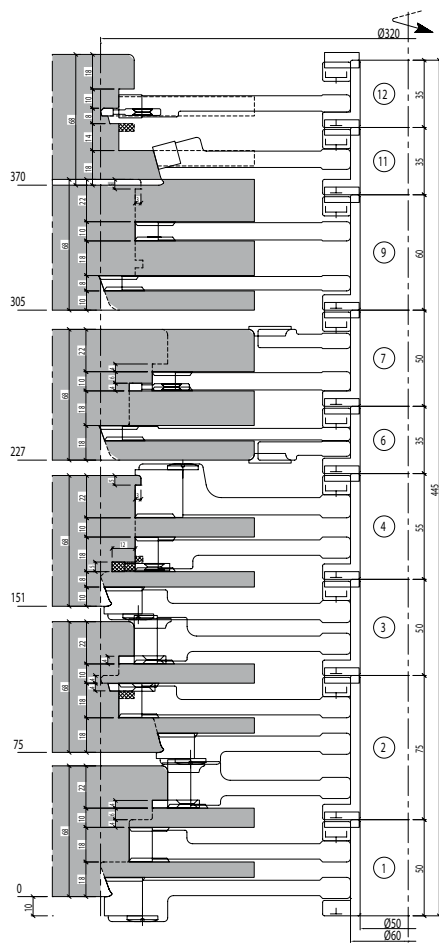
									MAN	HW
Nr.	D	B	d	Z	V	I	n min -n max	PG	Art. Nr.	
1	154	30	50	2	2	2	5000-8600	02	5299.154.030	
2	130	50	50	2	2		5800-10000	02	5299.130.050	
3	160	30	50	2	2		4800-8200	02	5299.160.030	
4	140	30	50	2	2		5500-9500	02	5299.140.030	
5	124	30	50	2	2		6400-11100	02	5299.124.030	

- Garnitur wird mit Nutmesser 4 mm geliefert, Nutmesser 5 mm auf Anfrage. Auf Wunsch mit Abrundmesser lieferbar.
- Supplied with grooving knife 4mm, grooving knife 5mm on demand. Optionally with rounding knives.

Wendemesser/Ersatzteile • Reversible knives/Spare parts

	Dim.	Nr.	PG	Art. Nr.
Wendemesser • Reversible knife	30x12x1,5		02	750.104
	50x12x1,5		02	750.106
Spannkeil • Clamping wedge		1/3/4/5	02	707.002.28
		2	02	707.002.48
Gewindestift • Screw	M8x16		02	705.542
Vorschneider • Spur	14x14x2	2	02	750.111
Spannschraube • Screw	M5x8		02	705.422
Nutmesser • Grooving knife	17x35x4		02	783.120
	17x35x5		02	783.121
Schraube • Screw	M5x13,5		02	705.318
Sechskantschlüssel • T Wrench	SW3(M5)		02	706.103
	SW4(M8)		02	706.104

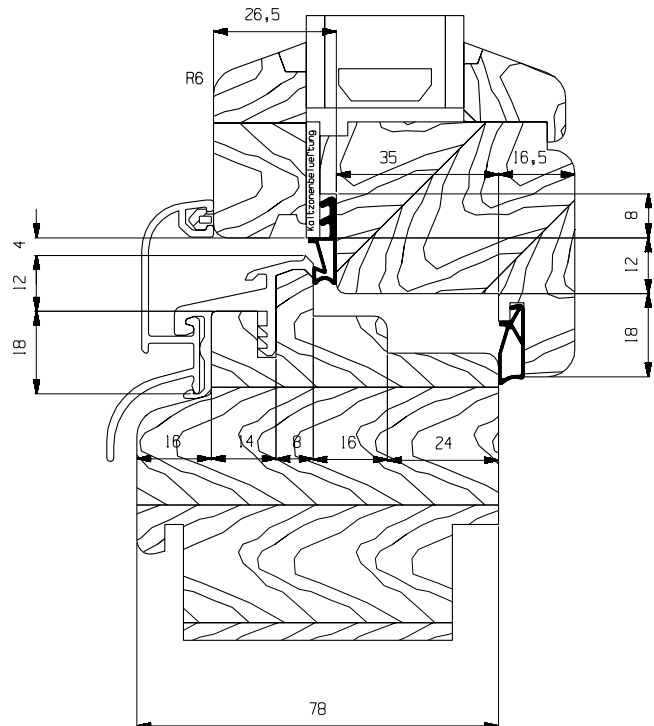
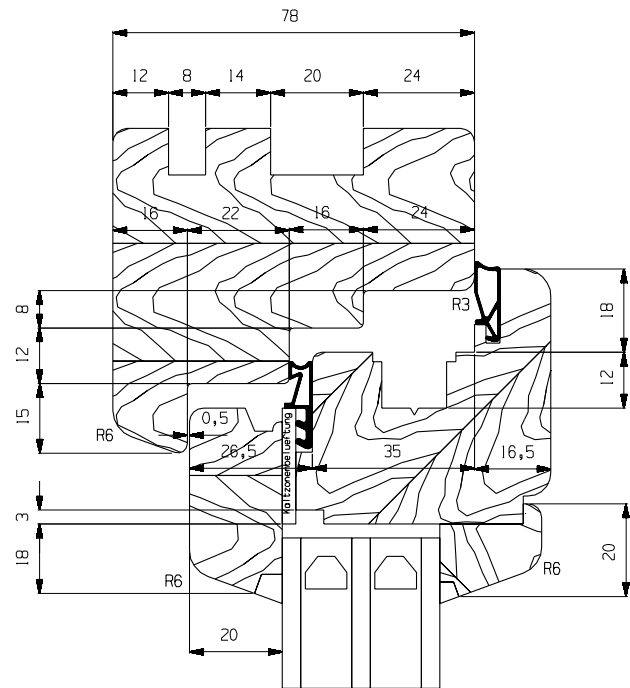
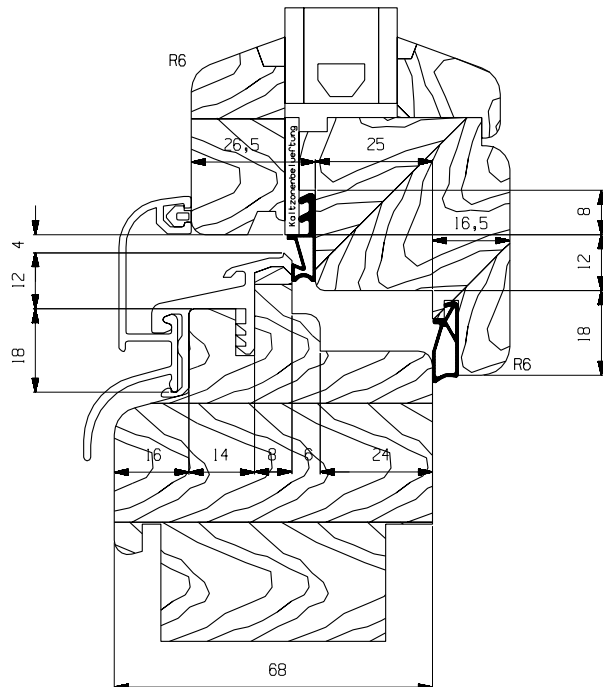
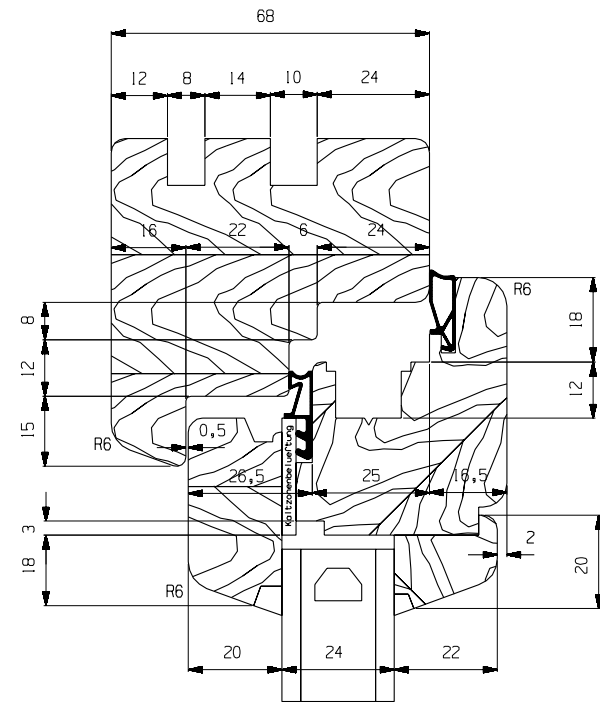


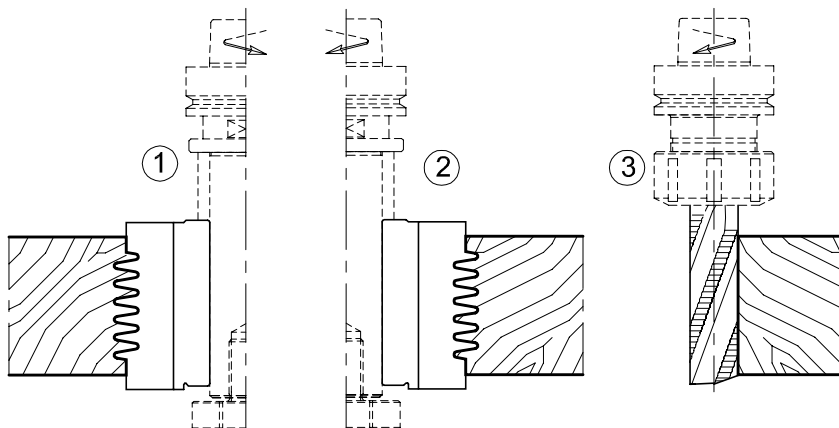
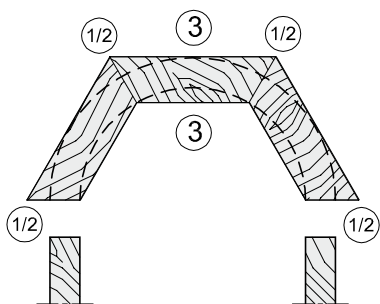


- Werkzeuge zur Fensterherstellung für alle Bearbeitungsmaschinen (manueller oder mechanischer Vorschub). Hergestellt konform zur Norm DIN EN-847-1.
- Fenstergarnituren werden auf die erforderlichen Nullabstimmungsdurchmesser aufgebaut.
- Alle Werkzeugsätze sind mit Schraubbüchsen verschraubt.
- Werkzeugsätze sind durchmesser- und höhenabgestimmt.

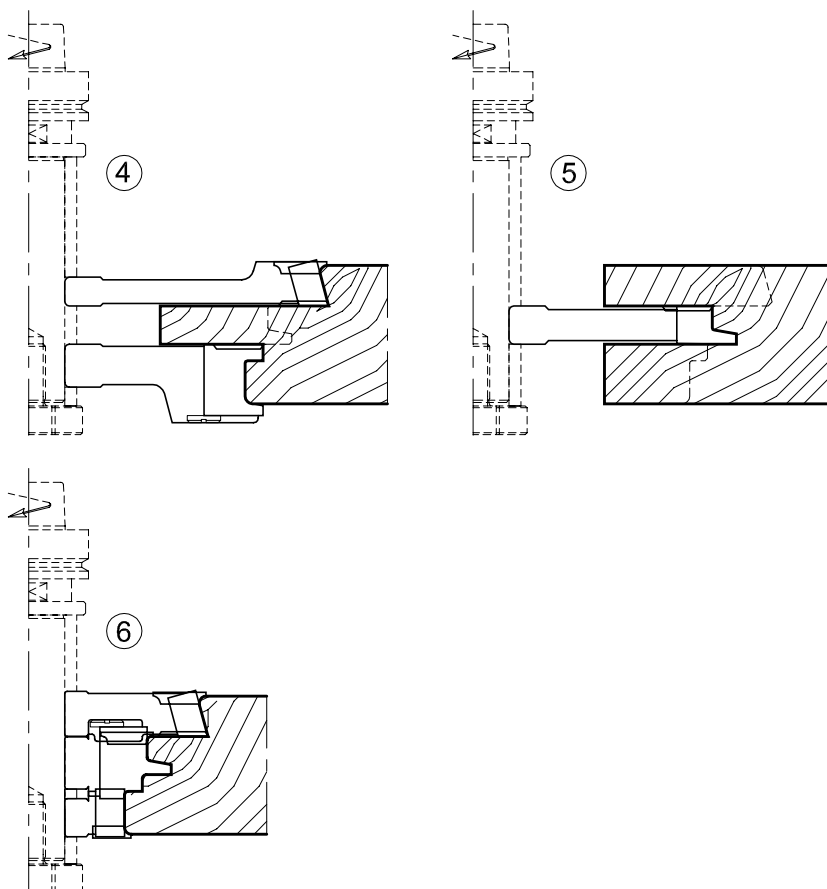
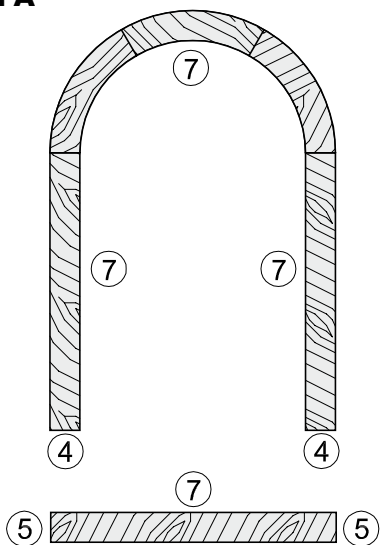
- Window tooling for all types of machinery (hand or mechanical feed), designed according to the European standard EN 847-1.
- Cutterhead sets mounted on sleeve with base diameter and height.
- Technical characteristics according to the machine and working conditions.



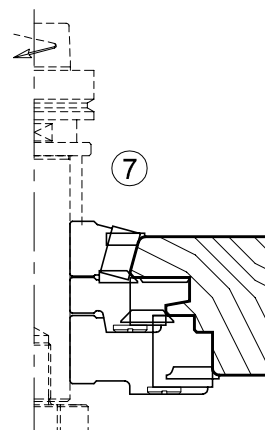
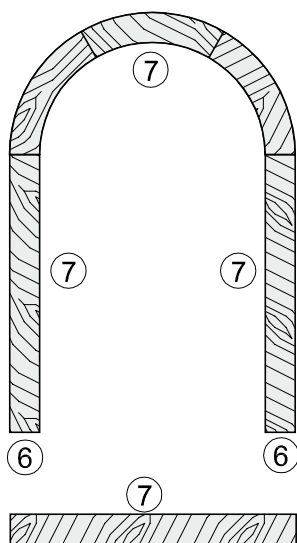


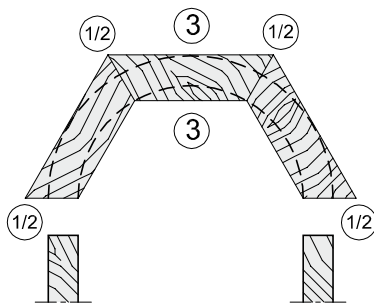


Option A

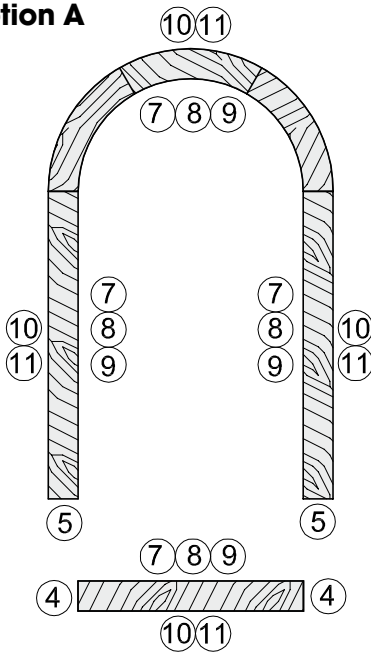


Option B

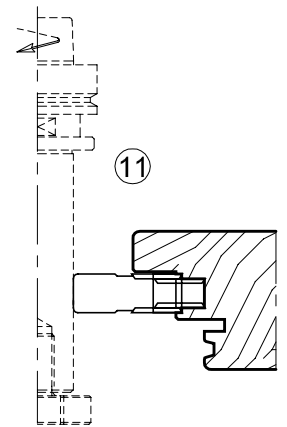
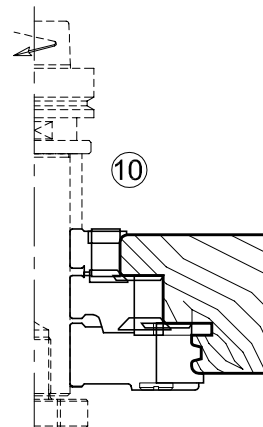
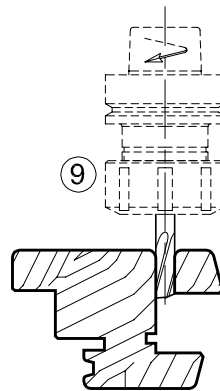
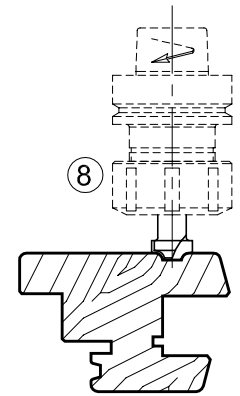
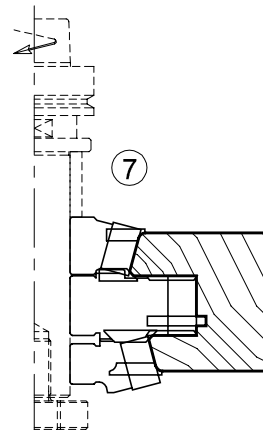
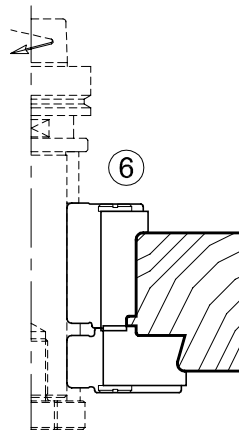
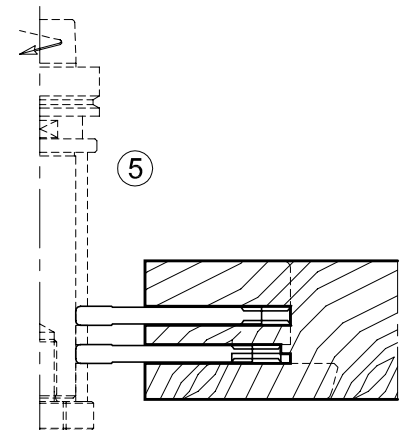
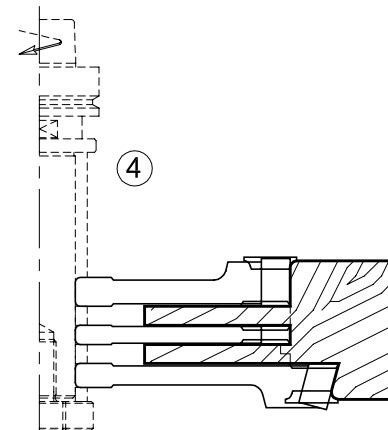
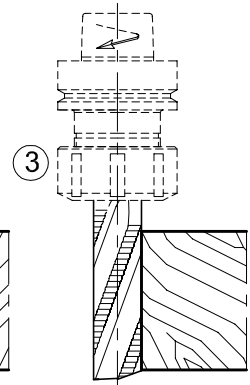
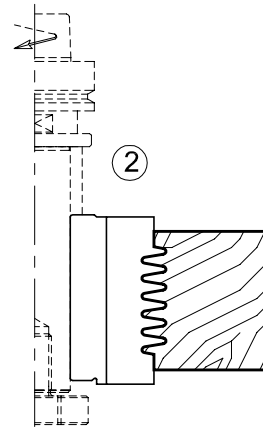
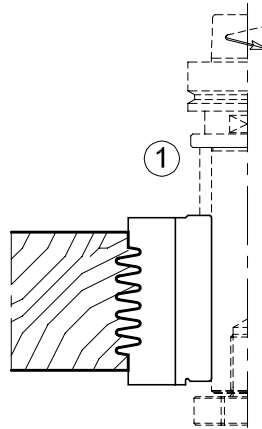
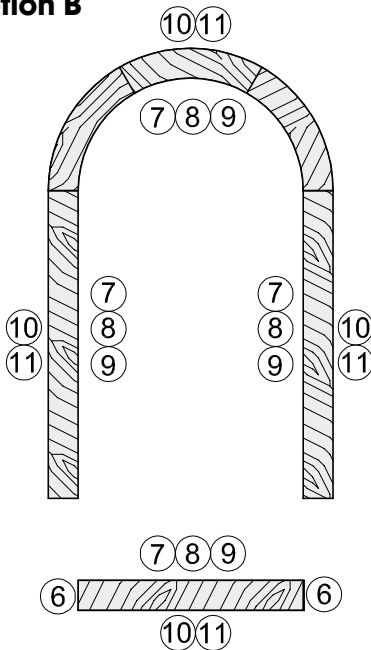


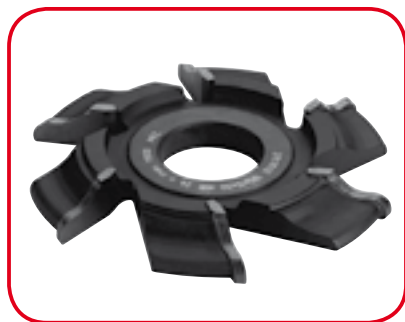


Option A



Option B



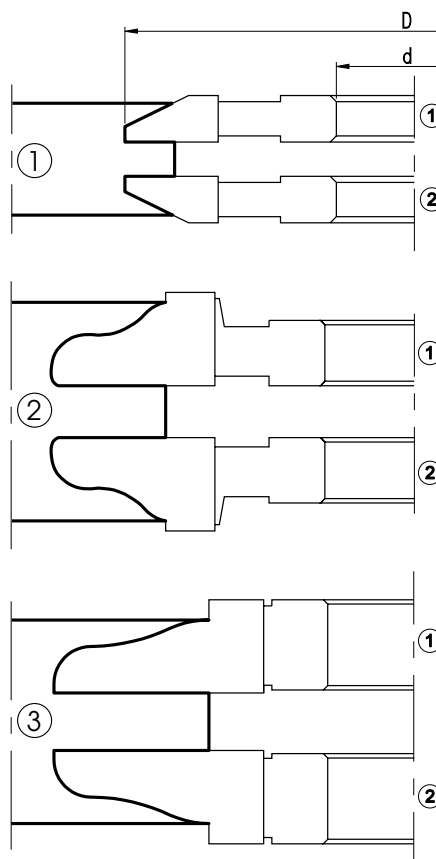


- HW-Profilmessenkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Aluminium-Profilen, drei verschiedene Profilvarianten. Ausführungen für mechanischen Vorschub.
- TC-Profile tipped cutterhead with steel tool body for profiles and counter profiles in aluminium-profiles. Three profile tool sets. Layout for mechanical feed.

MEC HW

Nr.	D	B	d	Z	PG	Art. Nr.
Profil 1 • Profile 1						
1	100	7,5	32	8	02	8974.100.008
2	100	7,5	32	8	02	8974.100.108
1+2					02	8974.001.000
Profil 2 • Profile 2						
1	120	15	32	6	02	8974.120.015
2	120	15	32	6	02	8974.120.115
1+2					02	8974.002.000
Profil 3 • Profile 3						
1	120	15	32	6	02	8974.120.215
2	120	15	32	6	02	8974.120.315
1+2					02	8974.003.000

- Fräswerkzeuge mit Bohrung, profiliert
- Tools with bore, profiled



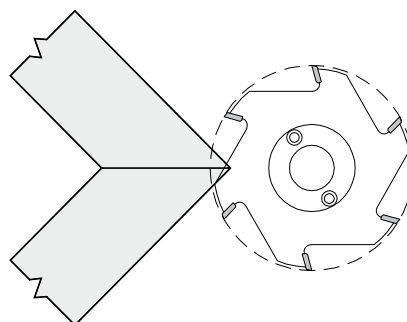
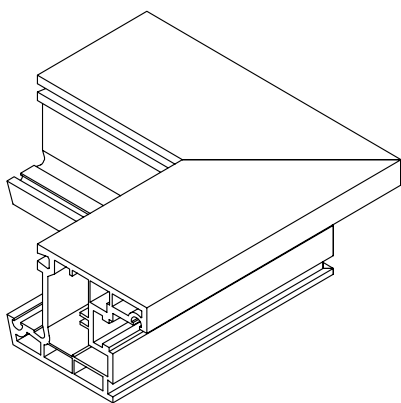
**Verputzfräser** (auf Anfrage)

Zum Überfräsen der verschweißten Gehrungsprofile

Deburring cutters (under request)

To clear welding excess on PVC windows and frames.

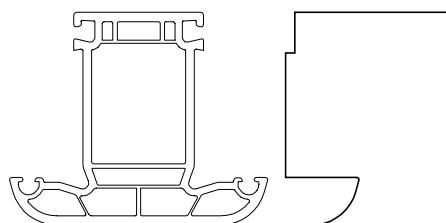
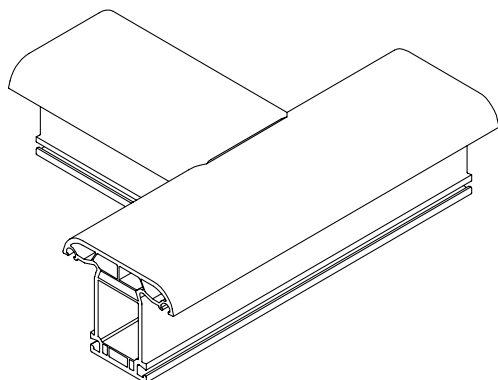
Profiles compensated at 45° and set up to each job.

**Profil-Konterprofilfräser** (auf Anfrage)

Zum Fräsen von PVC-Profilen.

Counterprofile cutters (under request)

For milling counter profiles a 90°.



01



Sägen

02



Zerpanen

03



Hobeln/Fräsen

04



Profilfräsen

05



Nut- und Federfräsen

06



Oberfräsen

07



Bohren

08



PKD-Werkzeuge

09



Spannen

10



Ersatzteile

11



Informationen