

ProChipper®



tooling systems

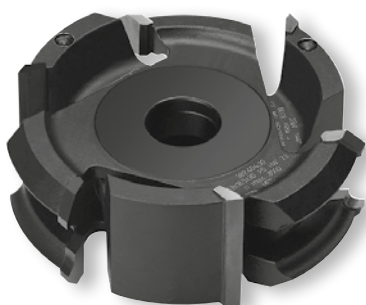


Fräswerkzeuge mit Bohrung, profiliert
Tools with bore, profiled

8214

HW Fase- Abrund- Fügefräsergarnitur, verstellbar - Festbestückt

TC Jointing- bevelling- rounding cutterset, adjustable - Tipped

PG
02

zum Fügen, Fasen bzw. Abrunden variabler Holzstärke
for jointing and profiling a bevel or round edge on top and bottom

MEC

HW

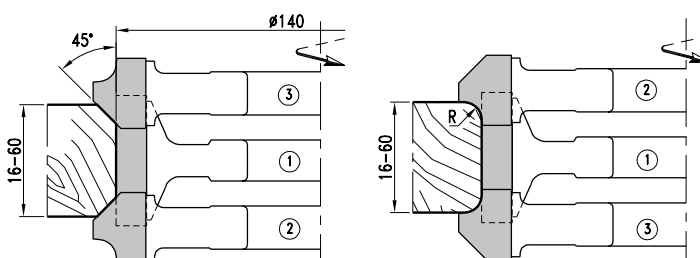
Nr.	D	B	d	Z	R	n. max	Art. Nr.
1	140	60	30/50	3		8500	8214.140.060
2	153	18	30/50	3	5	8500	8214.153.018
3	153	18	30/50	3	5	8500	8214.153.118
1+2+3			30/50	3		8500	8214.000.000

- 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

Ersatzteile

Spare parts

B	Art. Nr.
Zwischenringsatz - Spacer set	703.015

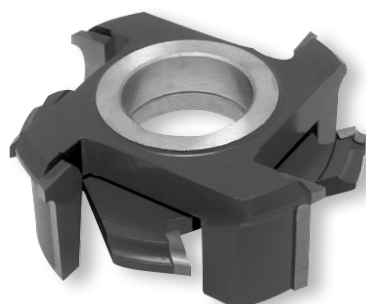


- Einstellung der Holzstärke mit Zwischenringen. Einstellbar von 16mm - 60mm Holzstärke
- Adjustment of wood-thickness with spacers. Adjustable from 16mm - 60mm wood-thickness

8284

HW Abrund- und Fügefräsergarnitur verstellbar - Festbestückt

TC Jointing- rounding cutterset, adjustable - Tipped

PG
02

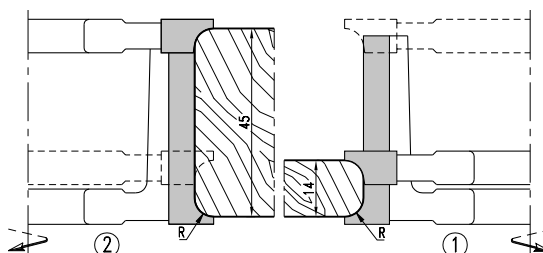
Zum Fasen bzw. Abrunden variabler Holzstärken
For jointing and profiling a bevel or round edge on top and bottom

MEC

HW

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

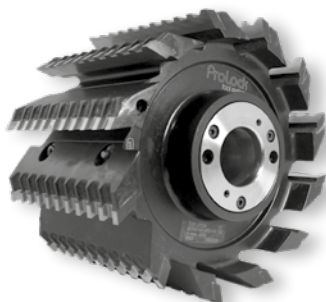
- HW-Bestückte Füge- Abrund- Fräser. Kombinations-Werkzeuge zum Fasen bzw. Abrunden variabler Holzstärken für mechanischen Vorschub
- Einstellung der Holzstärke mit Zwischenringen. Einstellbar von 14mm - 45mm Holzstärke
- TC-Tipped Jointing- rounding- cutter. Combination-tools for jointing and profiling a bevel or round edge on top and bottom for mechanical feed
- Adjustment of wood-thickness with spacers. Adjustable from 14mm - 45mm wood-thickness



3111

HS/HW Hydro Profilfräser - Festbestückt

HS/TC Hydro Profile cutter - Tipped

PG
02

Riffel-Profilbeispiel am Hydrofräser

Example of a profiled hydro cutter

MEC

HW

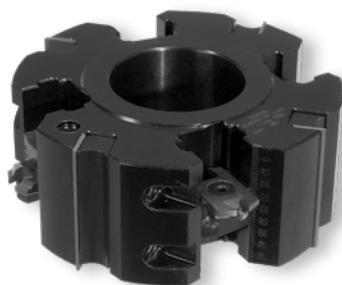
HS

- 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 costumers 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

PG
02

Auslieferung mit Kantenrunder R=3

Cutterheads supplied with rounding blade R=3

MAN

HW

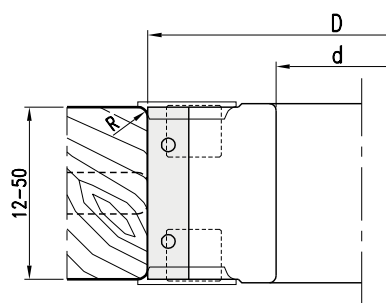
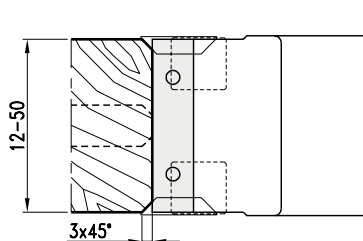
D	B	d	Z	C	n. min-max	Art. Nr.
125	50	40/50	4	4	6200-12600	4869.125.050

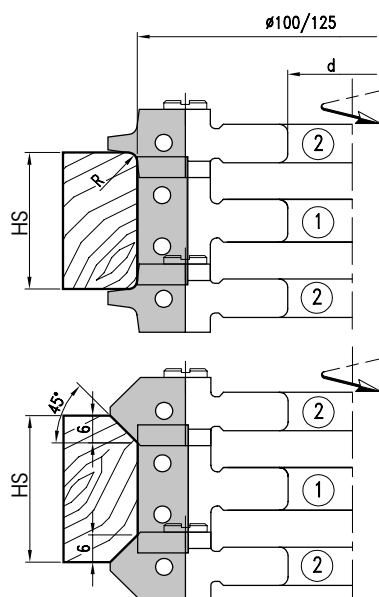
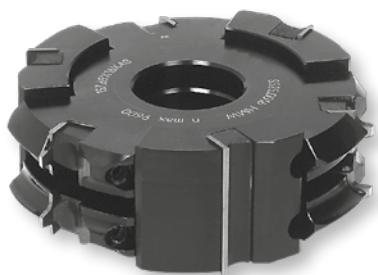
- Fasefräser für Handvorschub. WP-Fase- oder Abrundfräser. Werkzeug zum Fügen, Fasen bzw. Abrunden variabler Holzstärken für manuellen Vorschub.
- Die Einstellung der zu rundenden bzw. anzufasenden Holzstärke erfolgt über an Skala verschiebbaren Messerträgern. Einstellbar von 12mm - 50mm Holzstärke
- 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

Wendemesser/Ersatzteile

Reversible knives/Spare parts

	Dim.	Art. Nr.
Zwischenringsatz - Spacer set	50x12x1,5	750.106
Spannkeil - Clamping wedge		707.002.48
Gewindestift - Screw	M8x16	705.542
Fasenmesser - Chamfering knife	45°	780.260
Kantenrunder - Edge rounding knife	R=2	780.250
Kantenrunder - Edge rounding knife	R=3	780.251
Spannschraube - Screw	M5x13,5	705.318
Gewindestift - Screw	M5x12	705.523
Sechskantschlüssel - T Wrench	SW2,5 (M5)	706.102
Sechskantschlüssel - T Wrench	SW4 (M8)	706.104



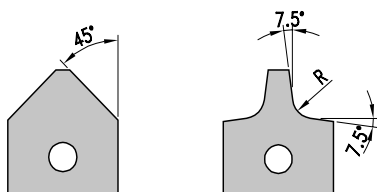


	Nr.1 (B 30)		Nr.1 (B 50)	
	HS min-max	2x(1)	HS min-max	2x(1)
R2- 6/45°	12-39	703.009	16-60	703.015
R8- 12/45°	20-47	703.010	20-67	703.012

(1) Verstellbarkeit der Holzstärke, Art. Nr. Zwischenringsatz

(1) 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


Kombinations-Werkzeuge zum Fasen bzw. Abrunden variabler Holzstärken
Combination-tools for jointing and profiling a bevel or round edge on top and bottom

MEC

HW

Nr.	D	B	d	Z	R	Art. Nr.
1	100	30	30	2		5214.100.030
1	100	50	30	2		5214.100.050
1	125	30	40/50	3		5214.125.030
1	125	50	40/50	3		5214.125.050
2	113	16	30	2	2,3,4,5,6 / 45°	① 5214.113.016
2	137	16	40/50	3	2,3,4,5,6 / 45°	① 5214.137.016
2	146	25	40/50	3	8,10 / 45°	① 5214.146.025

① Ohne Wendemesser. Bitte Wendemesser und Zwischenringsätze mitbestellen

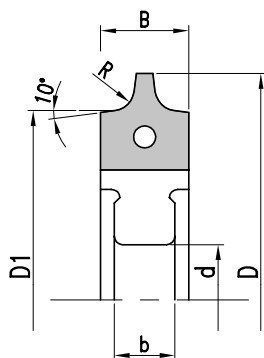
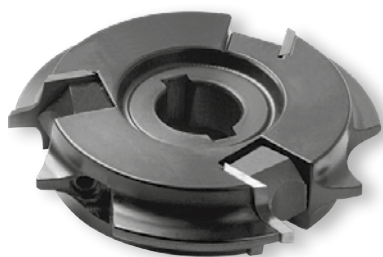
① Cutterheads without knives. Please order reversible knives and spacer sets additional

Wendemesser/Ersatzteile
Reversible knives/Spare parts

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

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

Holzstärke
D100/D113 B30 Z=2 R2-6 bzw. 45°
D100/D113 B50 Z=2 R2-6 bzw. 45°
D125/D137 B30 Z=3 R2-6 bzw. 45°
D125/D137 B50 Z=3 R2-6 bzw. 45°
D125/D146 B30 Z=3 R8-10 bzw. 45°
D125/D146 B50 Z=3 R8-10 bzw. 45°



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

MEC

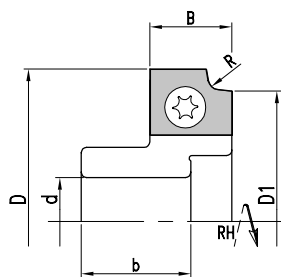
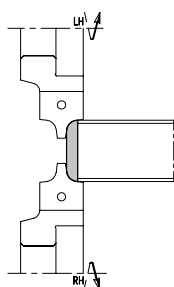
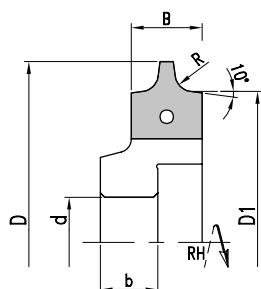
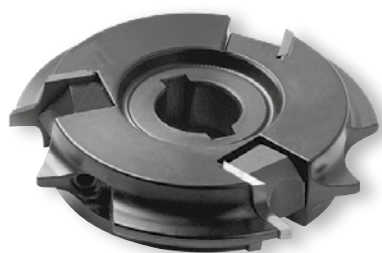
HW

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

Wendemesser/Ersatzteile

Reversible knives/Spare parts

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



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

MEC

HW

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

Wendemesser/Ersatzteile

Reversible knives/Spare parts

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

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

MEC

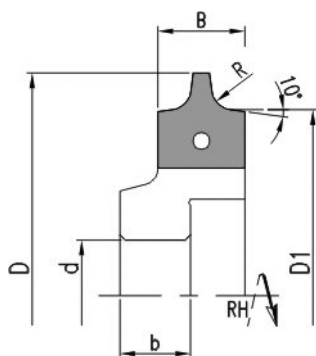
HW

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

Wendemesser/Ersatzteile

Reversible knives/Spare parts

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



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

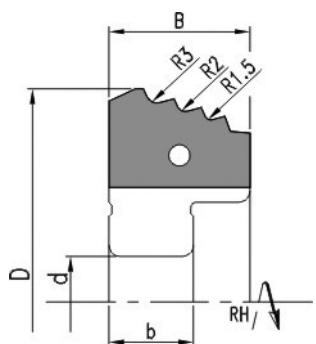
MEC

HW

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

Wendemesser/Ersatzteile
Reversible knives/Spare parts

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



WP-Multi-Abrundfräser für unterschiedliche Radien der Anleimerkante
TC-Multi-rounding-cutter for different radii with reversible knives. For rounding edge bandings

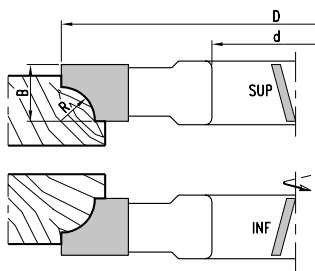
MEC

HW

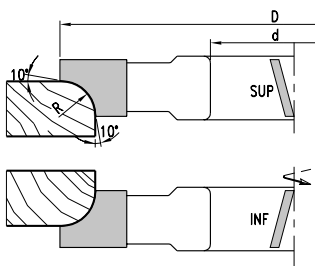
D	B	d	DKN	R	Z	n. max	Art. Nr. RH	Art. Nr. LH
Biese								
75	25	20	6x3,5	1,5/2/3	4	18000	5174.070.002	5174.070.102

Wendemesser/Ersatzteile
Reversible knives/Spare parts

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



- Mit ziehendem Schnitt
- With axial angle



- Mit ziehendem Schnitt
- With axial angle

HW-bestückter Viertelstabfräser zum Abrunden mit ziehendem Schnitt
TC-Tipped quarter round cutter for rounding with axial angle

MAN

HW

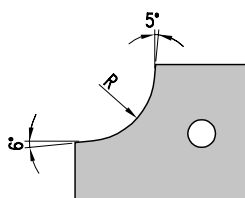
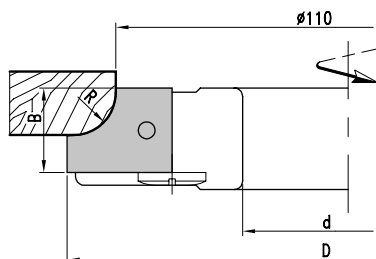
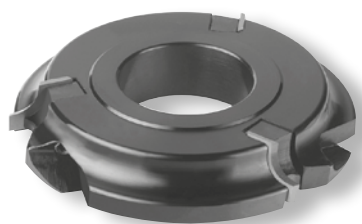
D	B	d	Z	R	n. min-n.max	Art. Nr. RH	Art. Nr. LH
140	12	30/50	4	5	5500-9500	8619.140.012	8619.140.112
	14	30/50	4	7	5500-9500	8619.140.014	8619.140.114
	15	30/50	4	8	5500-9500	8619.140.015	8619.140.115
	17	30/50	4	10	5500-9500	8619.140.017	8619.140.117
	19	30/50	4	12	5500-9500	8619.140.019	8619.140.119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

- Ausführung zum Kehlen für manuellen Vorschub. Ausführung ohne Auslauf.
- Layout for concave fillets and manual feed. Type without profile relief.

HW-bestückter Viertelstabfräser zum Abrunden mit ziehendem Schnitt
TC-Tipped quarter round cutter for rounding with axial angle

D	B	d	Z	R	n. min-n.max	Art. Nr. RH	Art. Nr. LH
140	12	30/50	4	5	5500-9500	8619.140.212	8619.140.312
	14	30/50	4	7	5500-9500	8619.140.214	8619.140.314
	15	30/50	4	8	5500-9500	8619.140.215	8619.140.315
	17	30/50	4	10	5500-9500	8619.140.217	8619.140.317
	19	30/50	4	12	5500-9500	8619.140.219	8619.140.319
	22	30/50	4	15	5500-9500	8619.140.222	8619.140.322
	27	30/50	4	20	5500-9500	8619.140.227	8619.140.327
150	33	30/50	4	25	5200-8900	8619.150.233	8619.150.333
160	40	30/50	4	30	4800-8300	8619.160.240	8619.160.340
180	50	30/50	4	40	4300-7400	8619.180.250	8619.180.50

- Ausführung mit beidseitigem Auslauf für manuellen Vorschub
- Ausführung mit 10° Auslauf
- Layout with relief for manual feed
- Type with 10° profile


WP-Abrundfräser für verschiedene Radienprofile
TC-Rounding-cutter for reversible knives

MAN

HW

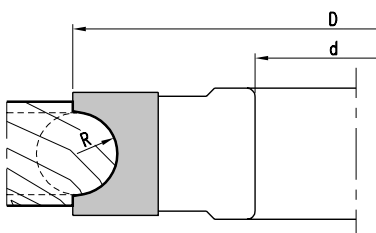
D	B	d	Z	R	n. min-n.max	Art. Nr.
125,5	20	30/50	3	5/7	6100-10500	① 4119.126.020
132,5	20	30/50	3	8/10	5800-10000	① 4119.133.020
141,0	25	30/50	3	12/15	5400-9400	① 4119.141.025

- ① Ohne Wendemesser
- ① Cutterheads supplied without knives

- Ausformung des Grundkörpers eignet sich zur Verwendung unterschiedlicher Radienprofile
- Ausführung für manuellen Vorschub
- The toolbody allows to hold different radius profiles
- Layout for manual feed

Wechselmesser/Ersatzteile
Reversible knives/Spare parts

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


HW-bestückter Halbstabfräser mit achsparallelen Schneiden
TC-Tipped half round cutter with straight cut

MAN

HW

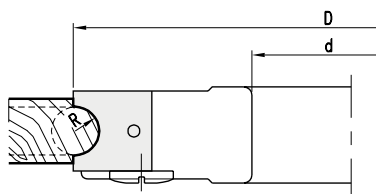
D	B	d	Z	R	n. min-n.max	Art. Nr.
140	26	30/50	4	6	5500-9500	8119.140.026
	28	30/50	4	7,5	5500-9500	8119.140.028
	30	30/50	4	10	5500-9500	8119.140.030
	40	30/50	4	12,5	5500-9500	8119.140.040
	45	30/50	4	15	5500-9500	8119.140.045
	50	30/50	4	17,5	5500-9500	8119.140.050
	55	30/50	4	20	5500-9500	8119.140.055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

**PG
02**


HW-bestückter Halbstabfräser mit achsparallelen Schneiden

TC-Tipped half round cutter with straight cut

MAN
HW

D	B	d	Z	R	n. min-n.max	Art. Nr.
140	20	30/50	3	4/5/6	5500-9500	① 4179.140.020
	30	30/50	3	8/10	5500-9500	① 4179.140.030

- ① Ohne Wendemesser
- ① Cutterheads supplied without knives
- Ausführung für manuellen Vorschub
- Bitte bestellen Sie mit Angabe des gewünschten Radius
- Layout for manual feed
- Please order with needed radius

Wechselmesser/Ersatzteile

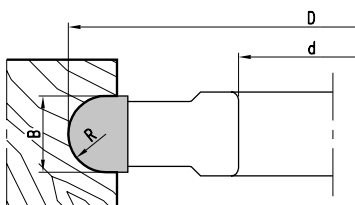
Reversible knives/Spare parts

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

8184

HW Hochkehlfräser - Festbestückt

TC Half round convex cutter - Tipped

**PG
02**


HW-bestückter Hohlkehlfräser mit achsparallelen Schneiden

TC-Tipped half round convex cutter with straight cut

MAN
HW

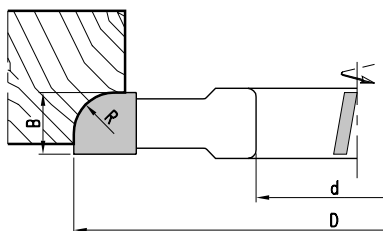
D	B	d	Z	R	n. min-n.max	Art. Nr.
140	5	30/50	4	2,5	5500-9500	8184.140.005
	6	30/50	4	3,0	5500-9500	8184.140.006
	8	30/50	4	4,0	5500-9500	8184.140.008
	10	30/50	4	5,0	5500-9500	8184.140.010
	12	30/50	4	6,0	5500-9500	8184.140.012
	15	30/50	4	7,5	5500-9500	8184.140.015
	20	30/50	4	10,0	5500-9500	8184.140.020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

- Ausführung für manuellen Vorschub
- Layout for manual feed

8679

HW Halbhohlkehlfräser - Festbestückt

TC Quarter round convex cutter - Tipped

**PG
02**

HW-bestückter Halbhohlkehlfräse, Schneiden mit Achswinkel
TC-Tipped quarter round convex cutter with axial angle

MAN**HW**

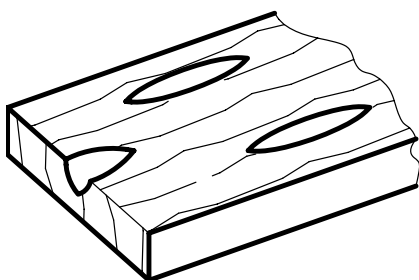
D	B	d	Z	R	n. min-n.max	Art. Nr.
140	10	30/50	4	5	5500-9500	8679.140.010
	15	30/50	4	10	5500-9500	8679.140.015
	20	30/50	4	15	5500-9500	8679.140.020
	25	30/50	4	20	5500-9500	8679.140.025

- Ausführung für manuellen Vorschub
- Mit ziehendem Schnitt
- *Layout for manual feed*
- *With axial angle*

8719

HW Harzgallenfräser - Festbestückt

TC Resin pocket cutter - Tipped

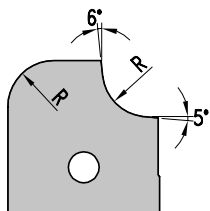
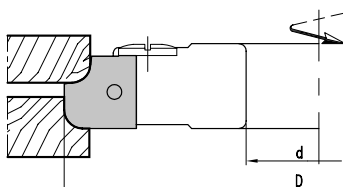
**PG
02**

Zum Ausfräsen von verharzten oder beschädigten Stellen mit Handmaschine
TC-Tipped resin pocket cutter fits f.ex. to repair system Lamello MINISPOT 8mm

MAN**HW**

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

- Ausführung für manuellen Vorschub
- *Layout for manual feed*


WP-Radius-Profilfräser für verschiedene Radienprofile
TC-Radius-Profilecutter for reversible knives and different radiusprofiles

MAN

HW

D	B	d	Z	R	n. min-n.max	Art. Nr.
140	20	30/50	3	5/6/7	5500-9500	① 4189.140.020
	25	30/50	3	8/10	5500-9500	① 4189.140.025

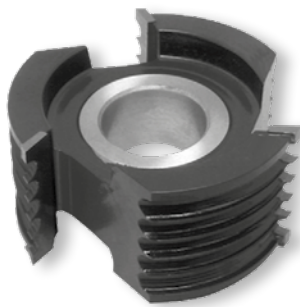
① Ohne Wechselmesser

① Cutterheads supplied without knives

- Einseitig als Abplattfräser (gerade Abplattung) einsetzbar
- Ausführung für manuellen Vorschub
- Tool can be used on one side as panel raising cutter (straight panel raising)
- Layout for manual feed

Wechselmesser/Ersatzteile
Reversible knives/Spare parts

	R	Dim.	Art.Nr.
Wechselmesser - Reversible knife	5	20x20x2	785.766
	6	20x20x2	785.767
	7	20x20x2	785.772
	8	30x25x2	785.773
	10	30x25x2	785.770
Spannkeil - Clamping wedge	5/6/7		707.002.18
	8/10		707.811
Gewindestift - Screw	5/6/7	M8x16	705.542
	8/10	M10x20	705.552
Sechskantschlüssel - T Wrench		SW4 (M8)	706.104
		SW5 (M10)	706.105


HW-bestückte Multi-Dübelfräser zum Fräsen glatter oder geriffelter Rundstäbe
TC-Tipped multiple dowel cutter for smooth or serrated dowels

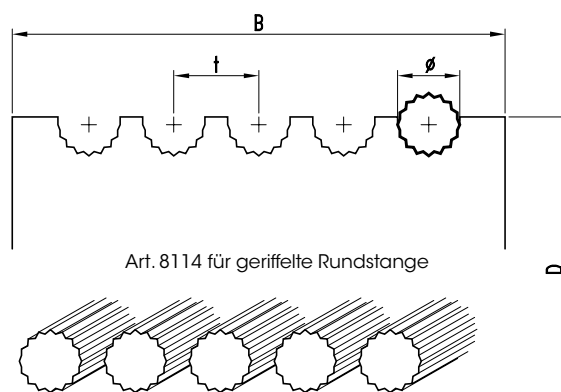
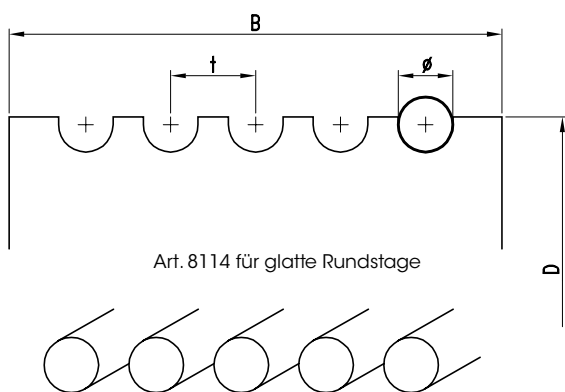
MAN

HW

D	d	n.max	Art. Nr. RH	Art.Nr. LH
120-130	30(-50)	10200	8114.120.102	8114.120.202
131-140	30(-50)	9500	8114.131.095	8114.131.195
141-150	30(-50)	8900	8114.141.089	8114.141.189
151-160	30(-50)	8300	8114.151.083	8114.151.183

- Gemäß DIN 68150
- According to DIN 68150

- Ausführung mit achparallelen Schneiden mechanischen Vorschub
- Serienartikel, kurzfristige Fertigung bei Bestellung
- Layout with straight cut for mechanical feed
- Standard article, short-time production after order

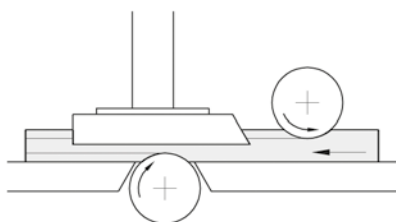


HS

	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
	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
• Stabanzahl • Nr. of dowels	4	37	45	53	62,5	70,5	74,5	78,5	86,5	100
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

PG
02

HW-bestückte Multiprofilfräser mit achparallelen Schneiden
TC-Tipped Multi-profilecutter with straight cut

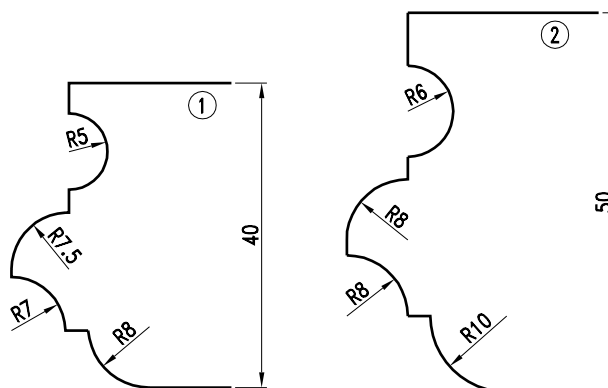
MAN

HW

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

- Ausführung für manuellen Vorschub
- Layout for manual feed

- Profilbeispiel
- profile example



9199

HW Multi-Profilfräser - Wechselsmesser

TC Multi-Profilecutter - Reversible knife

PG
02

WP-bestückte Multiprofilfräser mit achparallelen Schneiden
TC-Multi-Profilecutter for reversible knives with straight cut

MAN

HW

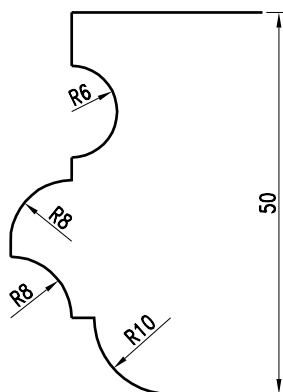
D	B	d	Z	n. min-n.max	Art.Nr. LH
140	50	30/50	2	5500-9500	9199.140.050

- ① Ausführung mit Leichtmetall-Grundkörper
- ① With light alloy body
- HW-Sonderprofilmesser können ca. 3-4 Monate nachgeschärft werden
- Ausführung für manuellen Vorschub
- TC-Special profile knives are resharpenable 3 to 4 times
- Layout for manual feed

Wechselsmesser/Ersatzteile
Reversible knives/Spare parts

	Dim.	Art.Nr.
Wechselsmesser - Reversible knife	50x30x2	785.771
Spannkeil - Clamping wedge		707.952
Gewindestift - Screw	M8x16	705.542
Sechskantschlüssel - T Wrench	SW4	706.104

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

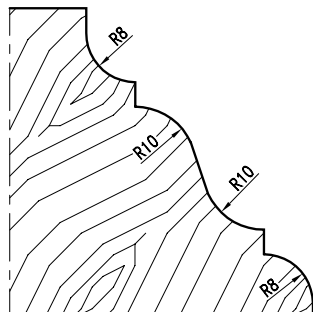
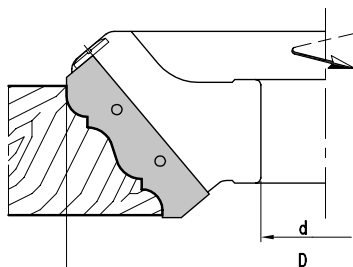


- Profilbeispiel
- profile example

4199

HW Multi-Profilfräser Typ F - Wechselmesser TC Multi-Profilecutter Type F - Reversible knife

PG
02



WP-bestückte Multiprofilfräser mit achparallelen Schneiden
TC-Multi-Profilecutter for reversible knives with straight cut

MAN

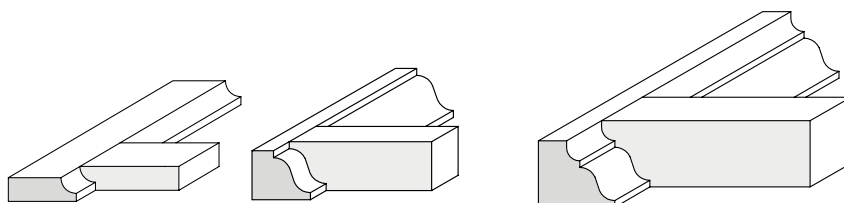
HW

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

- Serienartikel, kurzfristige Fertigung bei Bestellung
- HW-Sonderprofilmesser können ca. 3-4 Monate nachgeschärft werden
- Ausführung für manuellen Vorschub
- *Standard article, short-time production after order*
- *TC-Special profile knives are resharpenable 3 to 4 times*
- *Layout for manual feed*

Wechselmesser/Ersatzteile
Reversible knives/Spare parts

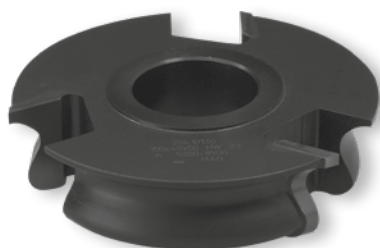
	Dim.	Art.Nr.
Wechselmesser - Reversible knife	70x20x2	785.783
Spannkeil - Clamping wedge		707.002.68
Gewindestift - Screw	M8x16	705.542
Sechskantschlüssel - T Wrench	SW4	706.104



8689

HW Handlaufräser - Festbestückt TC Handrail profilecutter - Tipped

PG
02



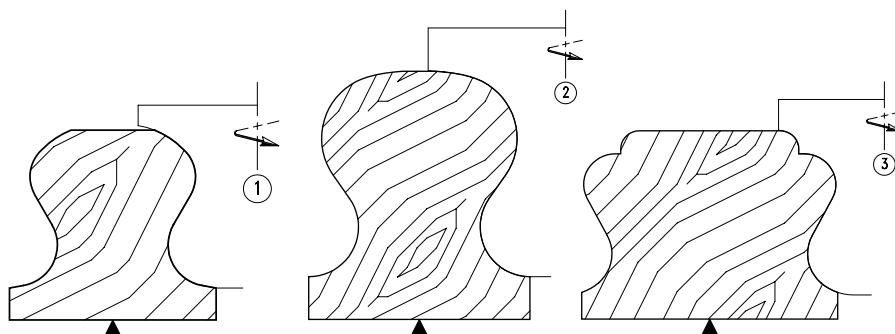
Fräswerkzeuge mit Bohrung, profiliert
Tools with bore, profiled

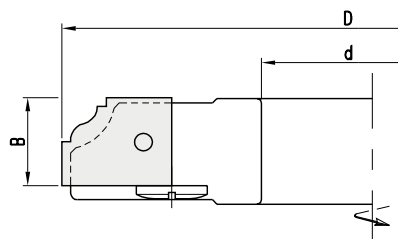
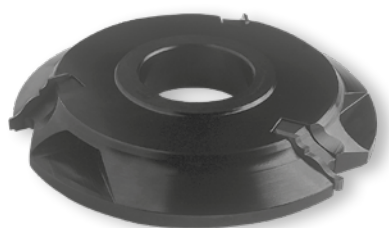
MAN

HW

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

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





• Typ A: Standard Blankett

• Type A: Standard blank

Mit achparallelen Schneiden zur Aufnahme von HW-Sonderprofilmessern mit Stützplatte.
 TC-Multi-Profilecutter with straight cut. Cutterhead for TC-special profile knives and backing plates.

MEC

HW

D	B	d	Z	n.min-n.max	Art.Nr. LH
140	20	50	3	9500	9114.140.020

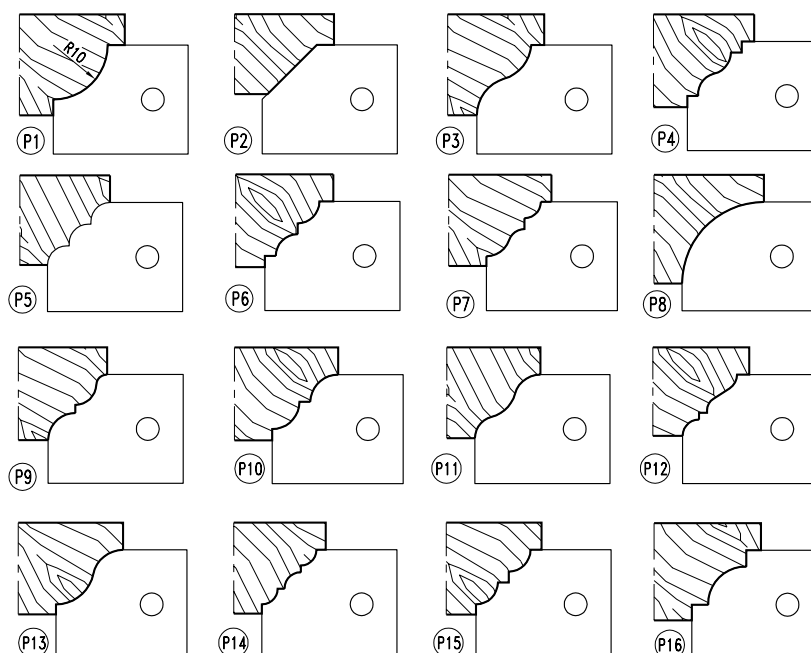
- ohne Wechselmesser
- Zur Aufnahme von HW-Sonderprofilmessern
- HW-Sonderprofilmesser können ca. 3-4 Monate nachgeschärft werden
- Ausführung für mechanischen Vorschub
- Cutterheads supplied without reversible knives
- Standard article, short-time production after order
- TC-Special profile knives are resharpenable 3 to 4 times
- Layout for mechanical feed

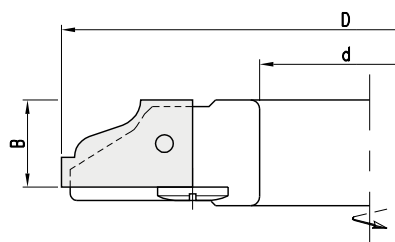
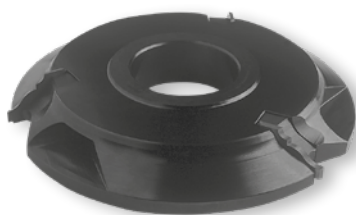
Wechselmesser/Ersatzteile

Reversible knives/Spare parts

	P	Dim.	Art.Nr.
Wechselmesser - Reversible knife	1	20x25x2	785.631
	2	20x25x2	785.632
	3	20x25x2	785.633
	4	20x25x2	785.634
	5	20x25x2	785.635
	6	20x25x2	785.636
	7	20x25x2	785.637
	8	20x25x2	785.638
	9	20x25x2	785.639
	10	20x25x2	785.640
	11	20x25x2	785.641
	12	20x25x2	785.642
	13	20x25x2	785.643
	14	20x25x2	785.644
	15	20x25x2	785.645
	16	20x25x2	785.646
Spannkeil - Clamping wedge			707.090
Gewindestift - Screw		M8x16	705.542
Sechskantschlüssel - T Wrench		SW4	706.104

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





• Typ B: Standardblankett

• Type B: standard blank

Mit achparallelen Schneiden zur Aufnahme von HW-Sonderprofilmessern mit Stützplatte
 TC-Multi-Profilecutter with straight cut. Cutterhead for TC-special profile knives and backing plates.

MEC

HW

D	B	d	Z	n.min-n.max	Art.Nr. LH
140	20	50	3	9500	4134.140.020

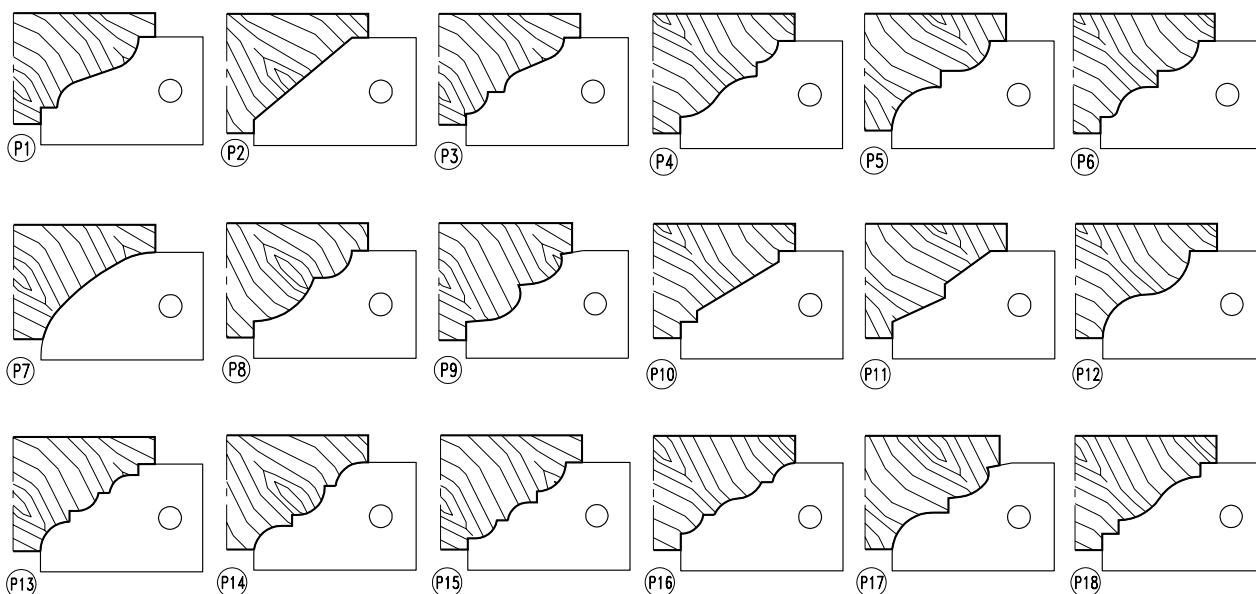
- Ohne Wechselmesser
- HW-Sonderprofilmesser können ca. 3-4 Monate nachgeschärft werden
- Ausführung für mechanischen Vorschub
- *Cutterheads without reversible knives*
- *TC-Special profile knives are resharpenable 3 to 4 times*
- *Layout for mechanical feed*

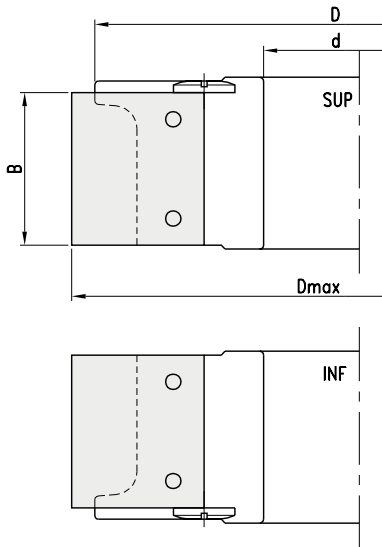
Wechselmesser/Ersatzteile

Reversible knives/Spare parts

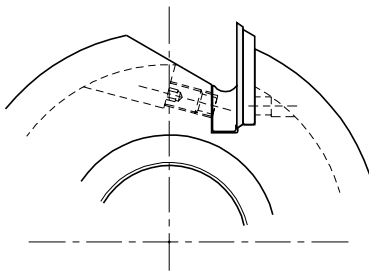
	P	Dim.	Art.Nr.
Wechselmesser - Reversible knife	1	20x30x2	785.651
	2	20x30x2	785.652
	3	20x30x2	785.653
	4	20x30x2	785.654
	5	20x30x2	785.655
	6	20x30x2	785.656
	7	20x30x2	785.657
	8	20x30x2	785.658
	9	20x30x2	785.659
	10	20x30x2	785.660
	11	20x30x2	785.661
	12	20x30x2	785.662
	13	20x30x2	785.663
	14	20x30x2	785.664
	15	20x30x2	785.665
	16	20x30x2	785.666
	17	20x30x2	785.667
	18	20x30x2	785.668
Spannkeil - Clamping wedge			707.086
Gewindestift - Screw		M8x16	705.542
Sechskantschlüssel - T Wrench		SW4	706.104

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





- Typ E: Standardblankett
- Type E: Standard blank



- Klemmung: Standardblankett
- Clamping: Standard blank

Mit achparallelen Schneiden zur Aufnahme von HW-Sonderprofilmessern mit Stützplatte
 TC-Multi-Profilecutter with straight cut. Cutterhead for TC-special profile knives and backing plates.

MEC

HW

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

- Ohne Messer und Stützplatten
- HW-Sonderprofilmesser können ca. 3-4 Monate nachgeschärft werden
- Ausführung für mechanischen Vorschub
- *Knives and back support not included*
- *TC-Special profile knives are resharpenable 3 to 4 times*
- *Layout for mechanical feed*

Ersatzteile

Spare parts

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

Wechselmesser/Ersatzteile

Reversible knives/Spare parts

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

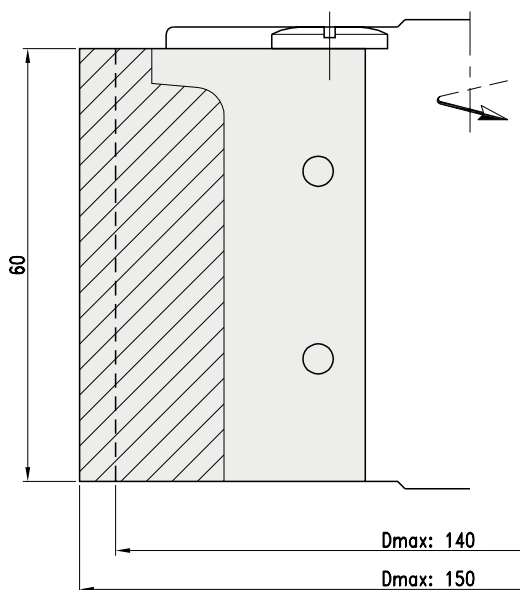
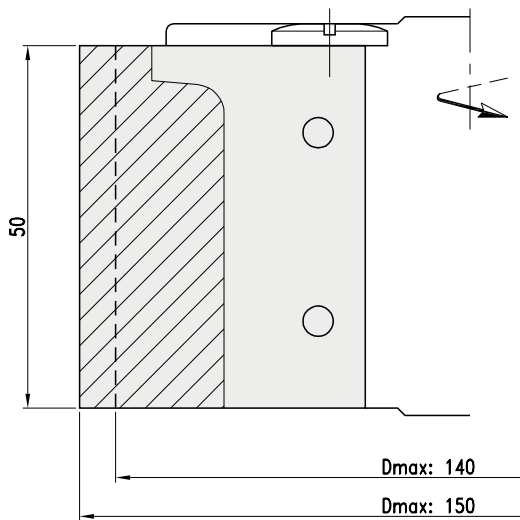
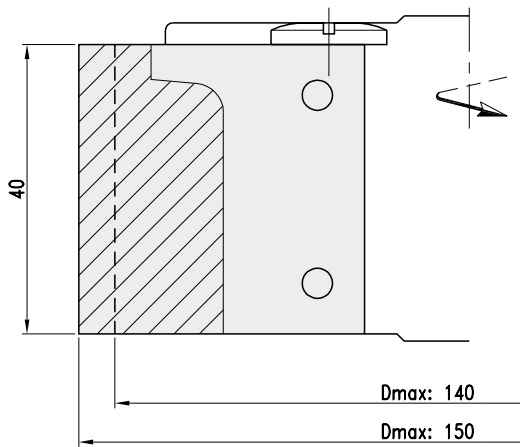
- Blanketts nach Kundenwunsch frei profilierbar
- *Individual design of profile blanks*



Profilierzone (1:1)

Available area for profiling (1:1)

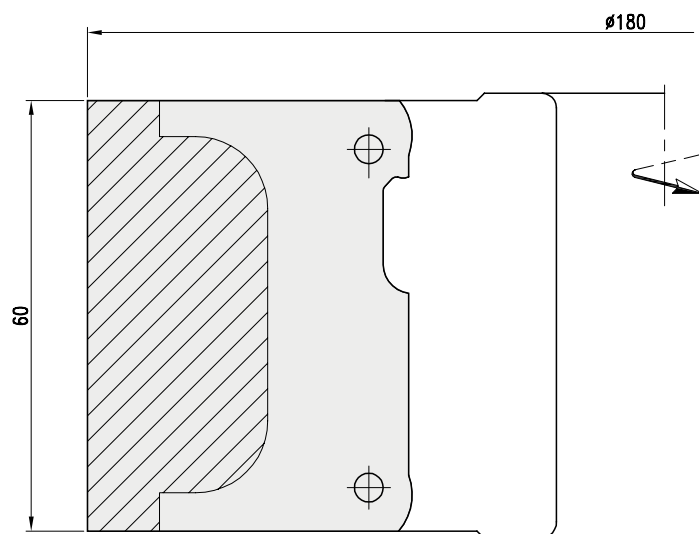
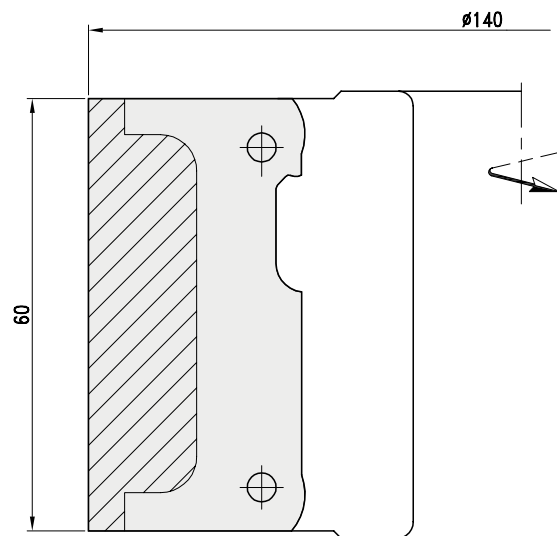
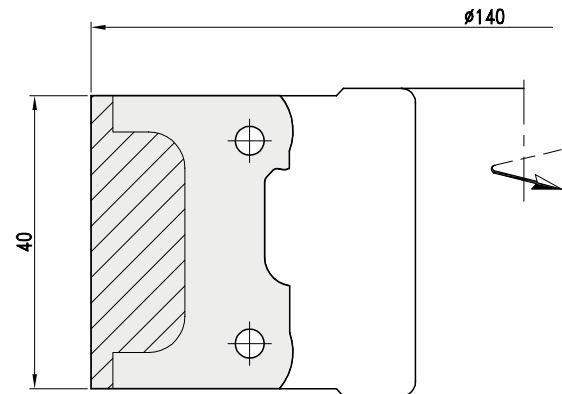
Typ E • Type E



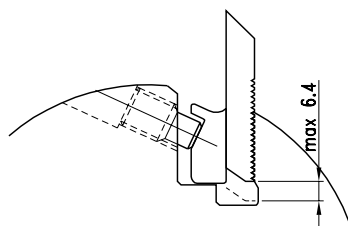
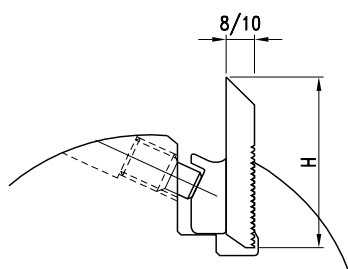
- Standardblankett
- Standard blank

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

Typ C • Type C



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



- Ohne rückenverzahnte Hobelmesser
- Cutterhead supplied without knives

Monoblock-Profilmesserkopf für universelles Profilieren auf Kehlmaschinen HSK85WS Schnittstelle
 Monobloc-Profilecutterhead for profiling on moulders with HSK85WS interface.

MEC

HW

D	B	S	Z	n max.		Art. Nr. LH	Art.Nr. RH
90	60	HSK85WS	2	1200	•	2412.090.060	2412.090.060
	80	HSK85WS	2	1200	•	2412.090.080	2412.090.080
	100	HSK85WS	2	1200	•	2412.090.100	2421.090.100
	130	HSK85WS	2	1200	•	2412.090.130	2412.090.130
	150	HSK85WS	2	1200	•	2412.090.150	2412.090.150
	170	HSK85WS	2	1200	•	2412.090.170	2412.090.170
	190	HSK85WS	2	1200	•	2412.090.190	2412.090.190
	210	HSK85WS	2	1200	•	2412.090.210	2412.090.210
	240	HSK85WS	2	1200	•	2412.090.240	2412.090.240
90	60	HSK85WS	4	1200	•	2412.090.062	2412.090.062
	80	HSK85WS	4	1200	•	2412.090.082	2412.090.082
	100	HSK85WS	4	1200	•	2412.090.102	2412.090.102
	130	HSK85WS	4	1200	•	2412.090.132	2412.090.132
	150	HSK85WS	4	1200	•	2412.090.152	2412.090.152
	170	HSK85WS	4	1200	•	2412.090.172	2412.090.172
	190	HSK85WS	4	1200	•	2412.090.192	2412.090.192
	210	HSK85WS	4	1200	•	2412.090.212	2412.090.212
	240	HSK85WS	4	1200	•	2412.090.242	2412.090.242

- 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

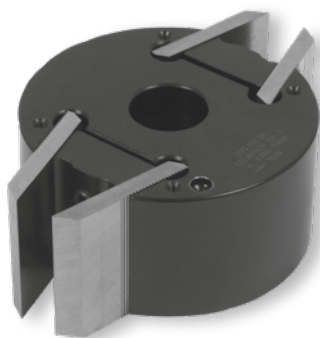
	Pt max	
H	HS	HW
50	20	20
60	28	20/25*
70	38	24/35*

*System Mikroverzahnung
 *Microserrated system

Ersatzteile

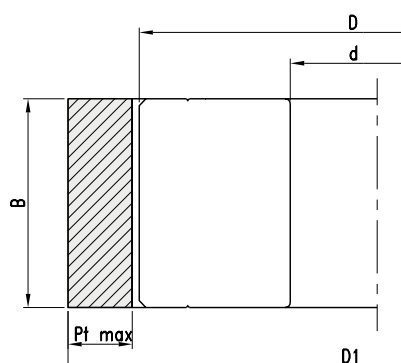
Spare parts

	Dim.	Art.Nr.	Preis €
Gewindestift - Screw	M8x16	705.556	
Sechskantschlüssel - T Wrench	SW4	706.106	

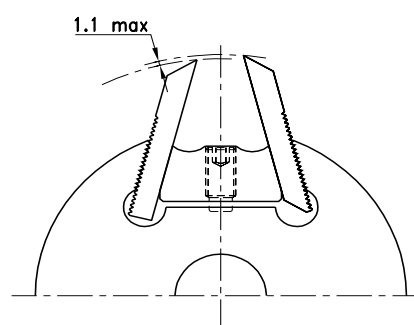

Profilmesserkopf für rückenverzahnte Messer und Abweiser.
Profile cutterhead for serrated back blank knives and limitors.
MEC**HW**

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

- Ohne RVZ Messer
Cutterhead without knives
- Hochgenaue Messerspannung durch 60° verzahnte Messer. Große Auswahl verschiedener Schneidstoffe für optimale Anpassung an den Werkstückstoff.
- Ausführung für manuellen Vorschub.
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.


Ersatzteile
Spare parts

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



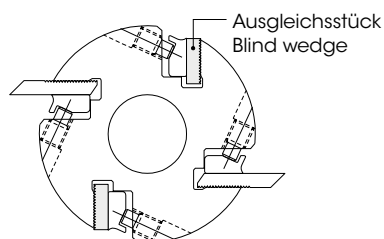
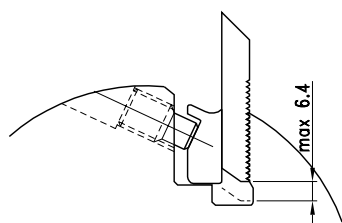
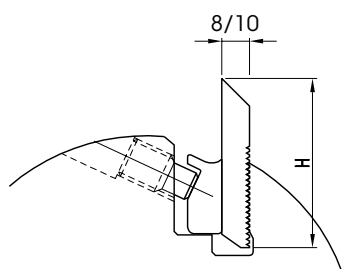
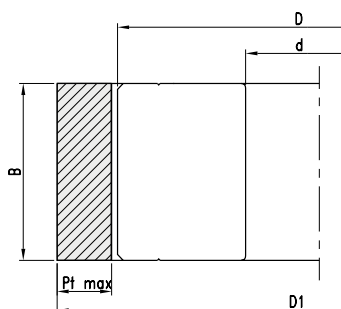
- Bei Verwendung der Standard-Spannkeile passen RVZ-Messer der Stärken 8mm - 10mm.
- Zum spannen von schwächeren RVZ-Messern als 8mm sind Sonder-Spannkeile zu verwenden.
- Bearbeitung abrasiver Werkstoffe durch die Verwendung des verschleißfesten HW-Maßiv-Messersystems mit Mikroverzahnung. Siehe Kapitel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

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

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

* System Mikroverzahnung

* Microserrated system



Art. 2114:
Flugkreisdurchmesser, max. Profiltiefe in
Abhängigkeit von Fräserdurchmesser D
und Messerhöhe H

Profilmesserkopf für rückenverzahnte Messer und Abweiser.
Profile cutterhead for serrated back blank knives and limitors.

MEC

HW

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

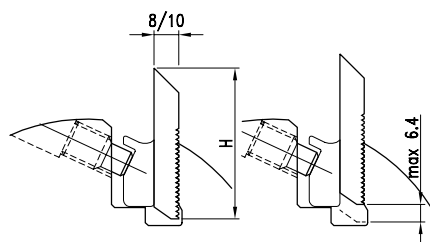
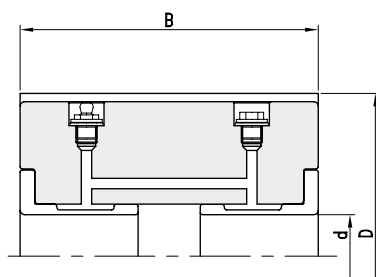
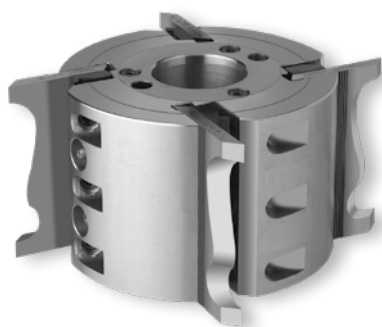
- Ohne RVZ Messer
Cutterhead without knives
- Hochgenaue Messerspannung durch 60° verzahnte Messer. Große Auswahl verschiedener Schneidstoffe für optimale Anpassung an den Werkstückstoff. Ausführung für manuellen Vorschub.
- High-precision clamped 60° serrated back knives. Wide selection of different cutting materials for optimum choice with regard to the workpiece material. Layout for manual feed.

Ersatzteile Spare parts

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



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

Hydro-Profilmesserkopf für rückenverzahnte Messer
Hydro-Profile cutterhead for serrated back blank knives

MEC

HW

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

- Ohne RVZ Messer
- Cutterhead without knives
- Messerkopf aus Stahl mit offenem Hydrospannsystem.
- Hydrosystem als Zentrier-Spannsystem bei Betriebsdruck von ca. 300-400 bar (täglich kontrollieren).
- Ausführung für mechanischen Vorschub.
- 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.

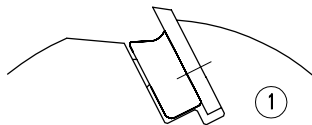
Ersatzteile
Spare parts

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

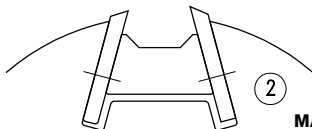
2184
2189

SP Universal-Profilmesserkopf - Wechsellmesser
SP Universal profilecutter - Reversible knife

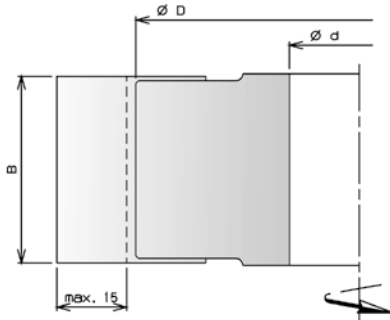
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02



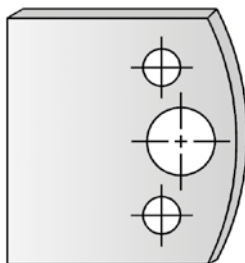
MEC



MAN



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



778.000 / 778.001

Typ 1 Universal-Profilmesserkopf mit Stahltragkörper für 40mm breite Profilmesser.
Type 1 Profile cutterhead with steel body to use 40mm profile knives.

MEC

HW

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

- Große Auswahl unterschiedlicher Standard-Profilen verfügbar.
- Ausführung für mechanischen Vorschub
- Wide selection of different standard-profiles available.
- Layout for mechanical feed.

Typ 2 Universal-Profilmesserkopf mit Stahltragkörper für 40mm breite Profilmesser und Abweiser
Type 2 profile cutterhead with steel body to use 40mm profile knives and limitors

MAN

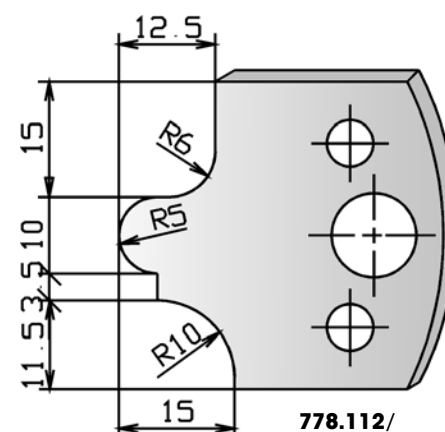
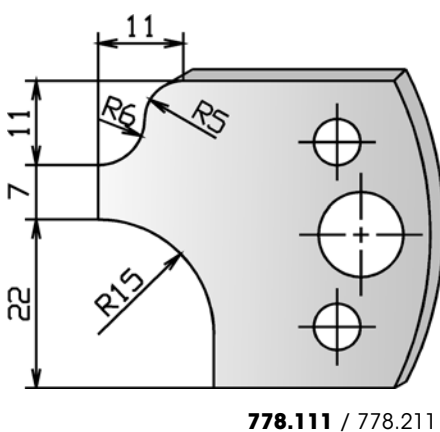
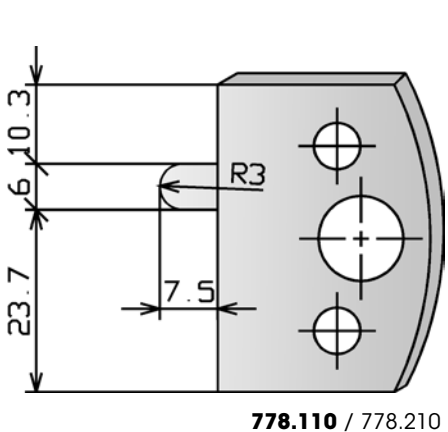
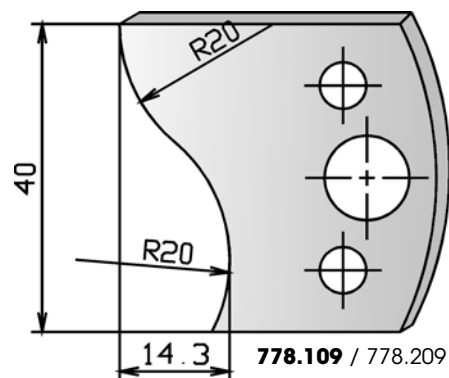
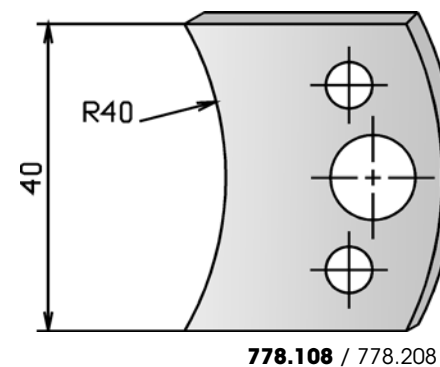
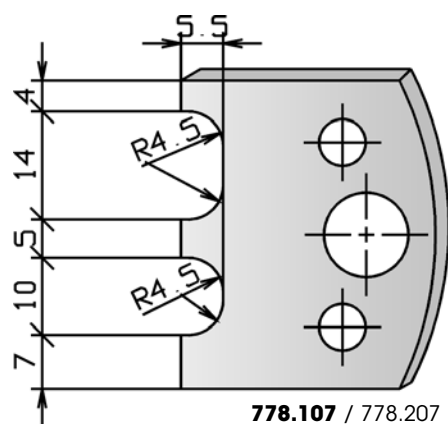
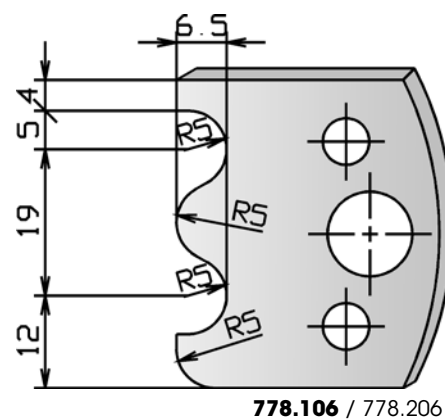
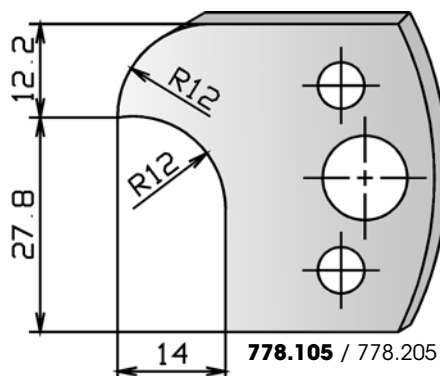
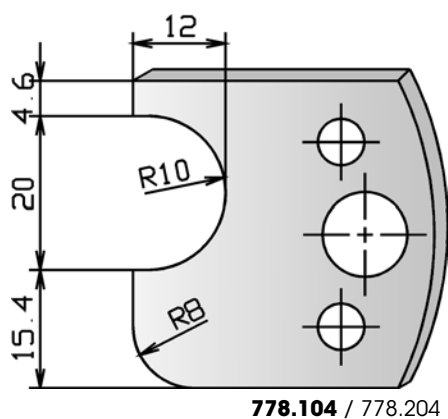
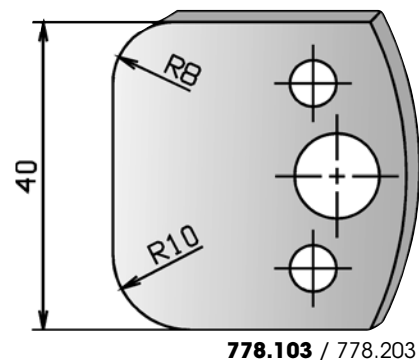
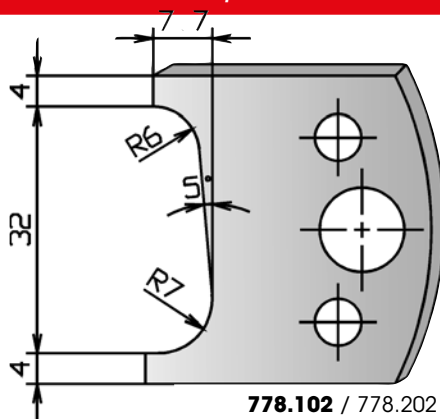
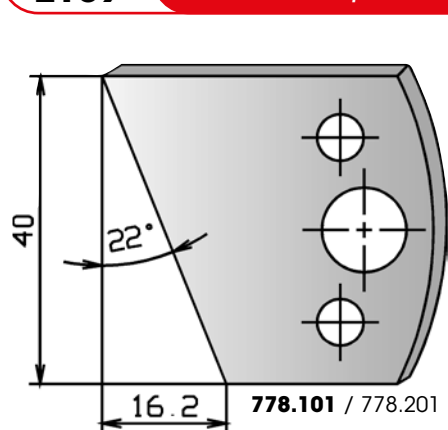
HW

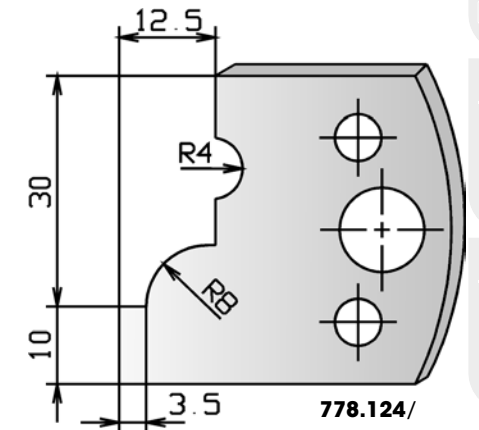
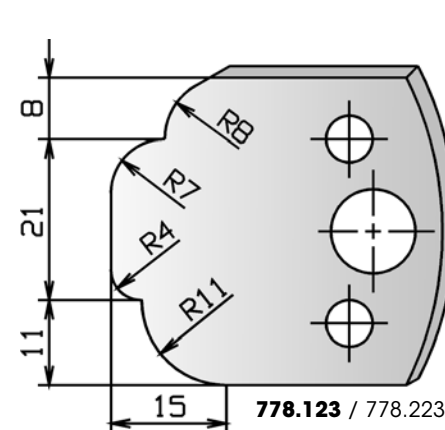
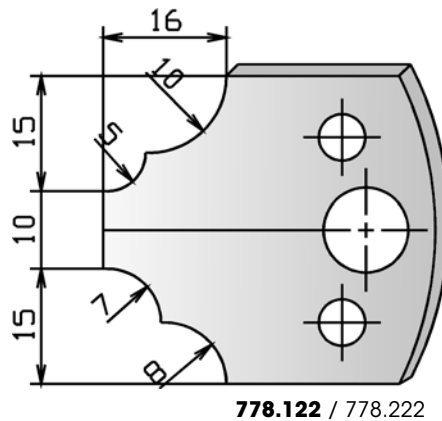
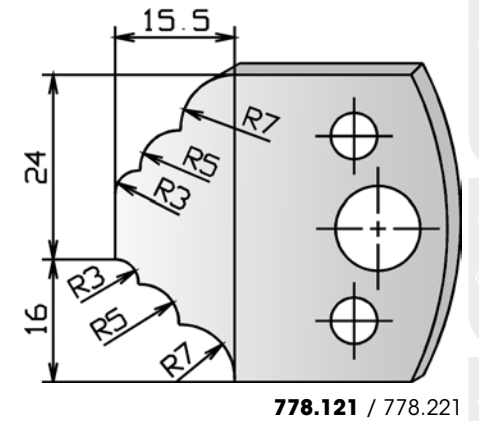
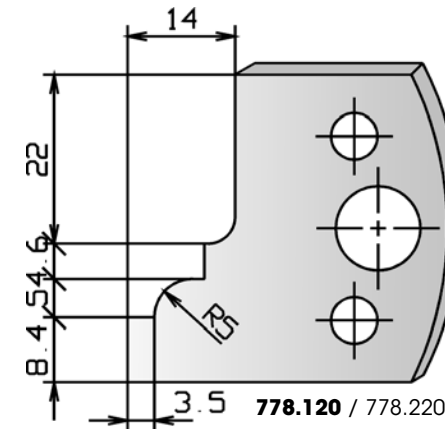
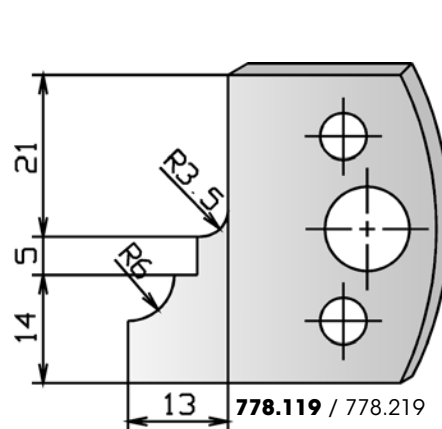
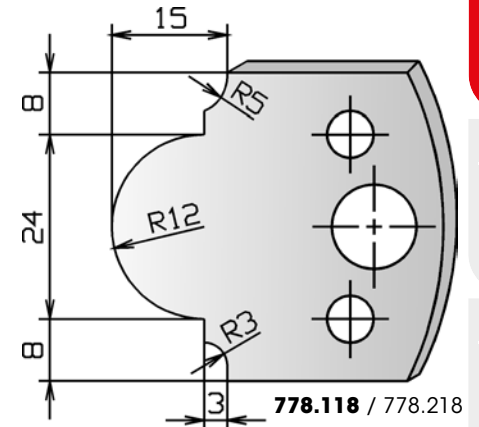
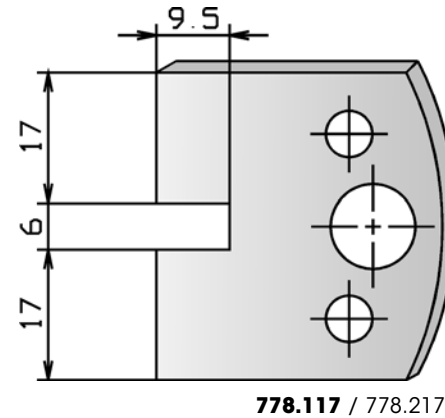
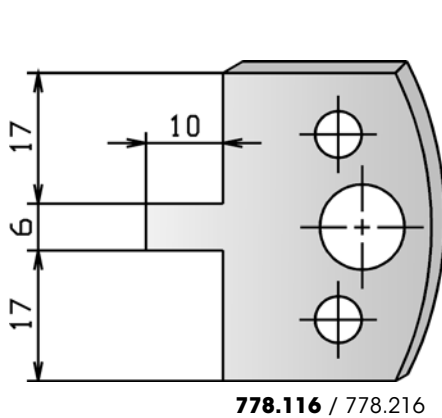
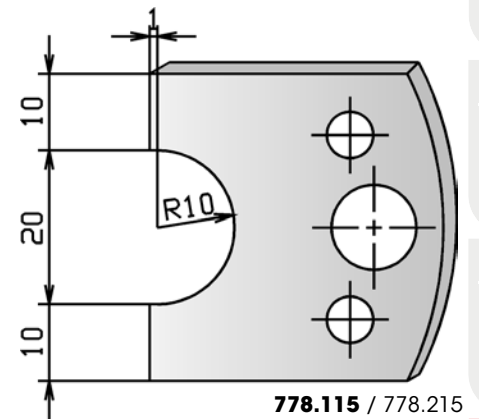
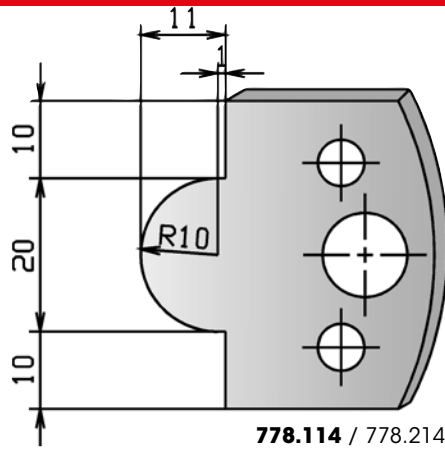
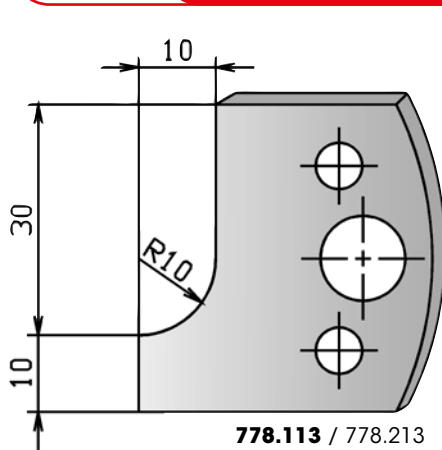
D	B	d	Z	Messer	n max	Art.Nr.
Mit 2 Falzmessern - With 2 rebate knives						
100	40	30	2		6000-9000	2189.100.040
120	40	50	2		6000-9000	2189.120.040
Kompletter Messersatz mit Holzkiste - Set complete in wooden box						
100	40	30	2	1-6	6000-9000	2189.100.140
	40	30	2	1-12	6000-9000	2189.100.240
	40	30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

- Auswahl unterschiedlicher Standard-Profilen verfügbar.
- Ausführung für manuellen Vorschub.
- Wide selection of different standard-profiles available.
- Layout for manual feed

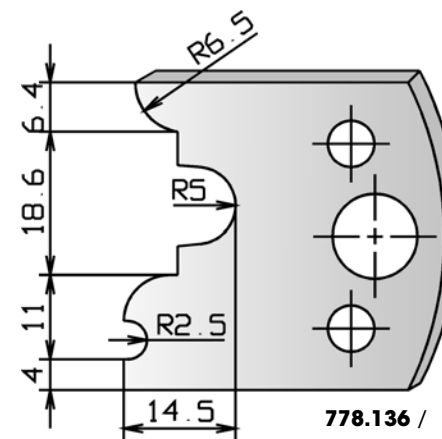
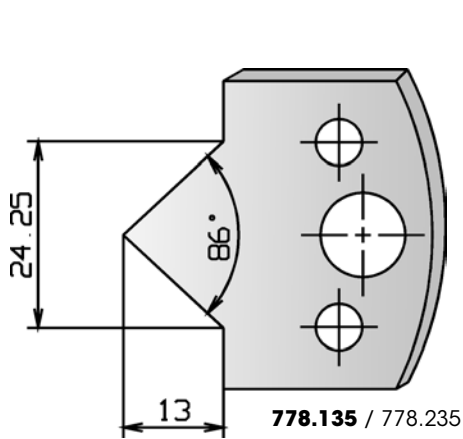
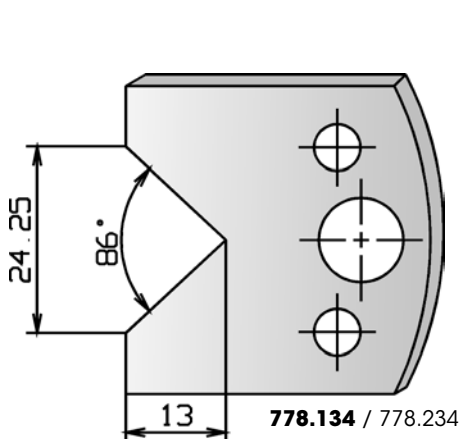
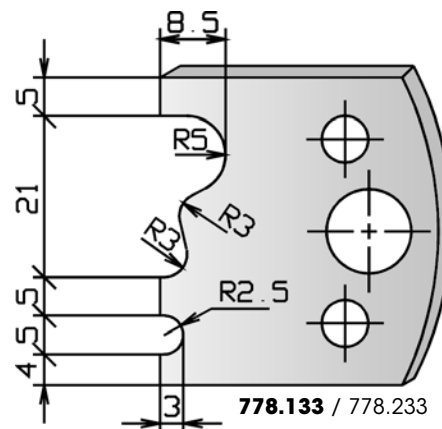
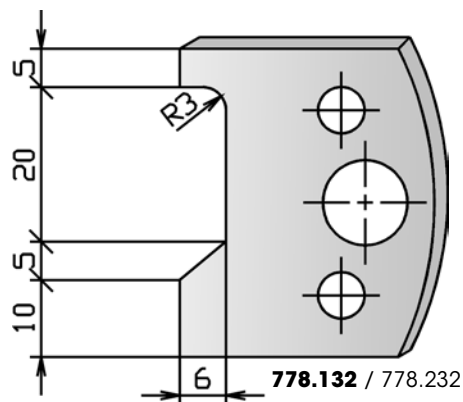
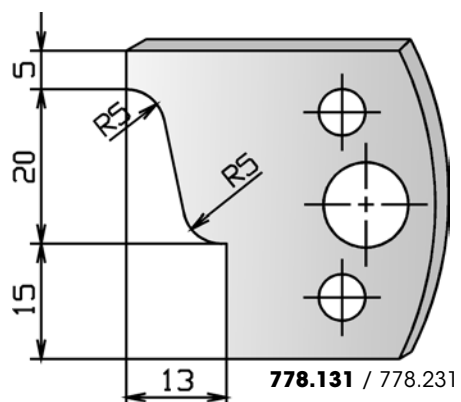
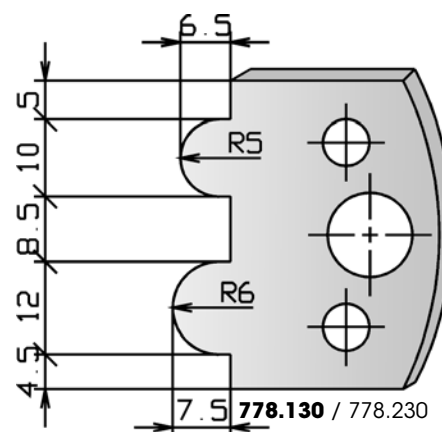
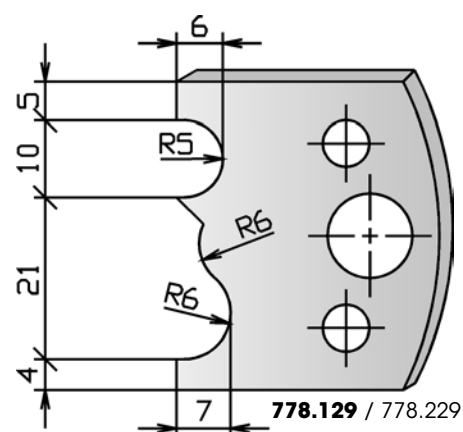
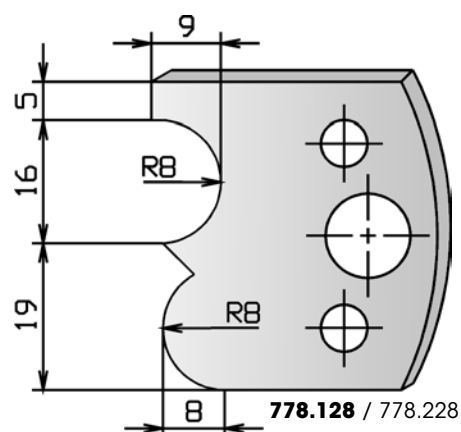
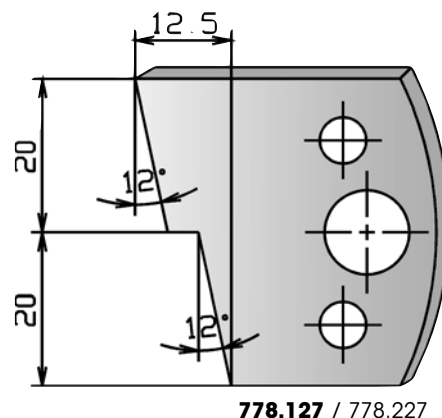
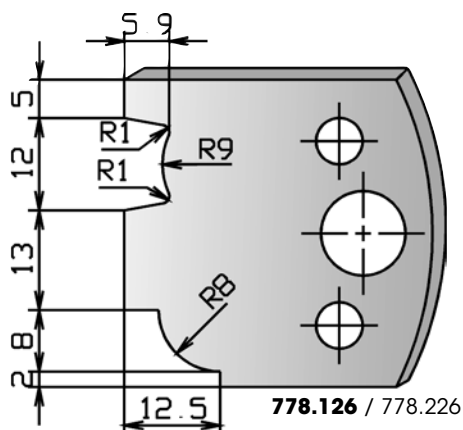
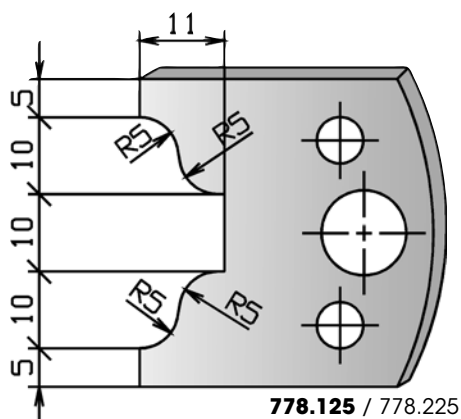
Ersatzteile
Spare parts

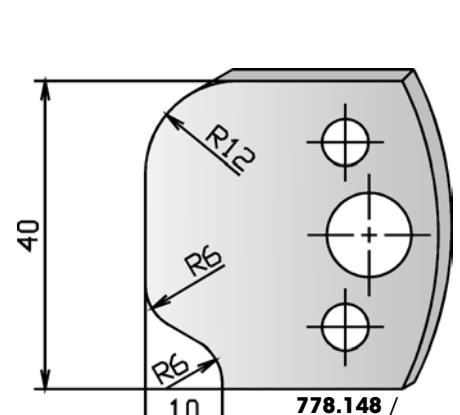
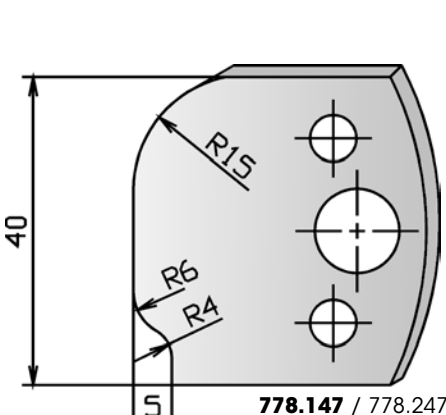
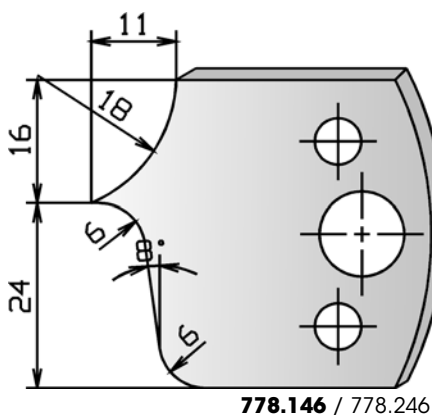
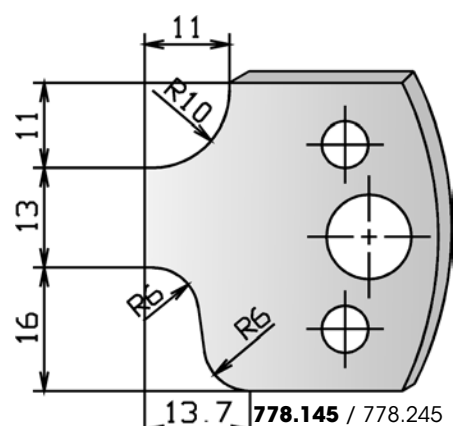
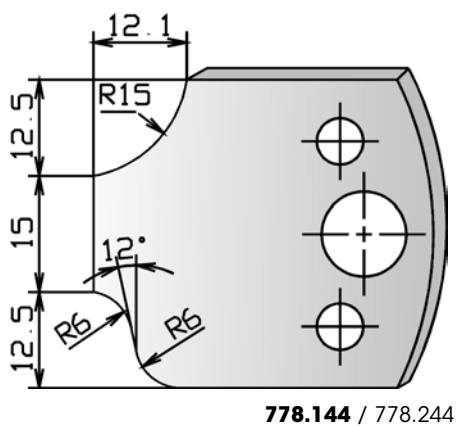
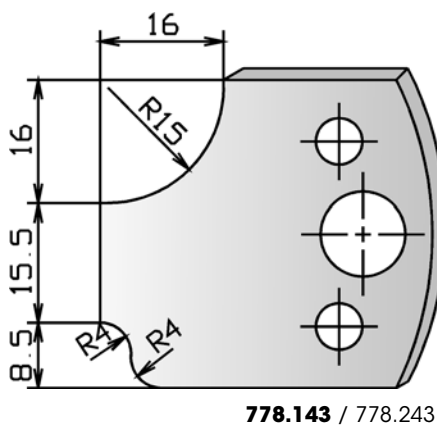
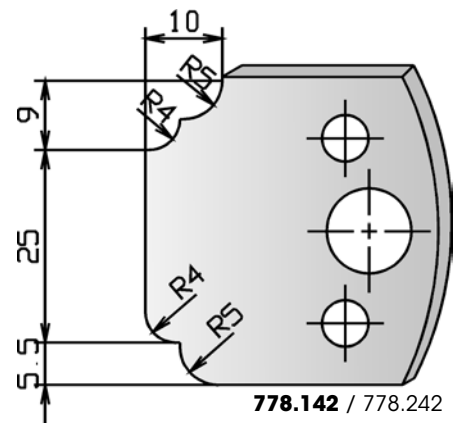
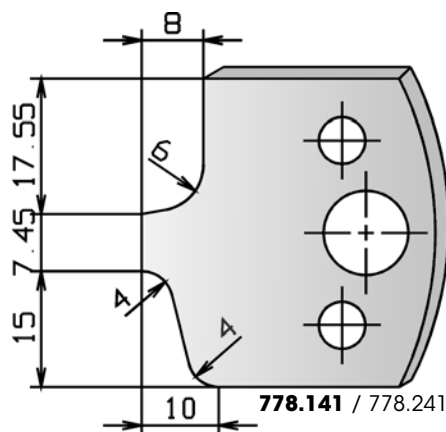
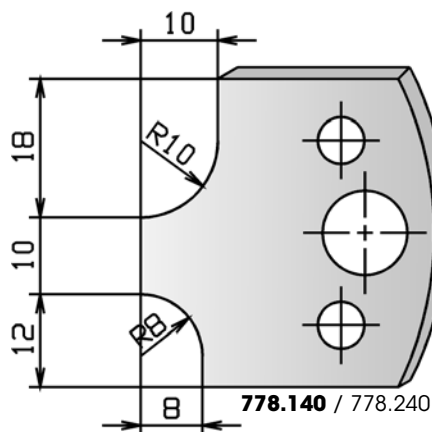
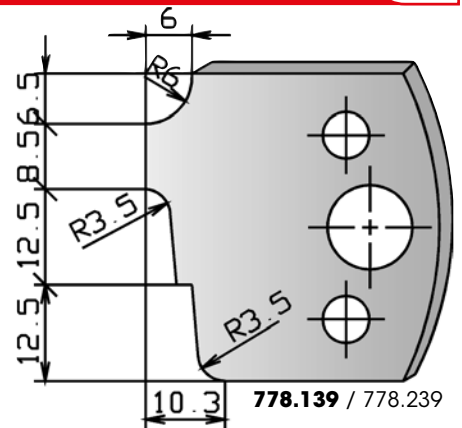
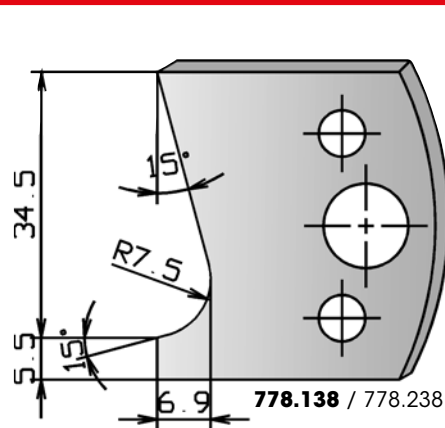
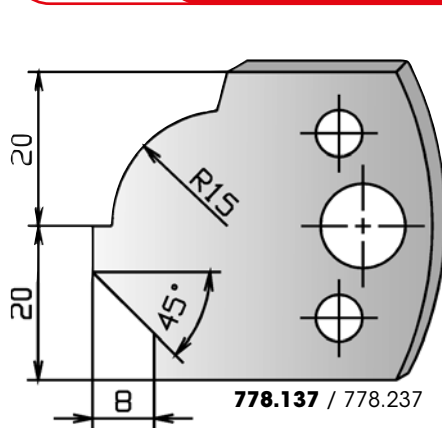
	Nr.	Dim.	Art.Nr.
Spannkeil - Clamping wedge	1		707.850
	2		707.851
Gewindestift - Screw	1	M10x20	705.552
	2	M10x16	705.551
Sechskantschlüssel - T Wrench		SW5	706.105
Messerrohling B=40 - Knife for profiling B=40			778.000
Abweiser-Rohling B=40 - Limiter for profiling B=40			778.001
Messerrohling B=50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



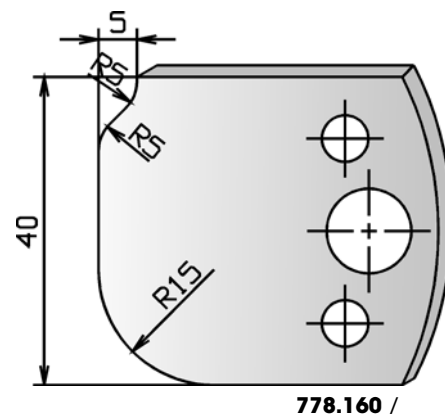
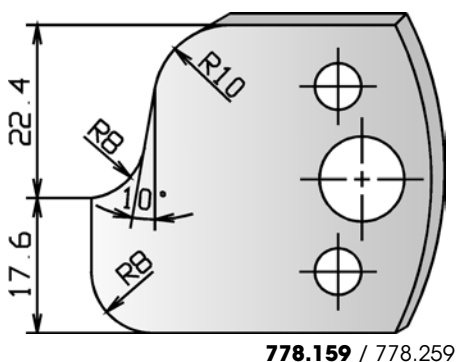
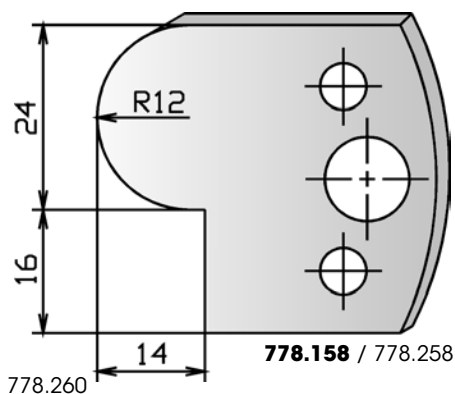
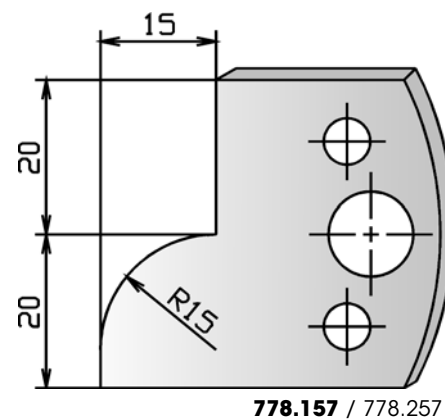
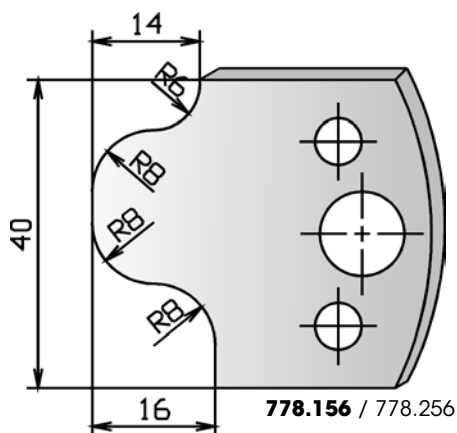
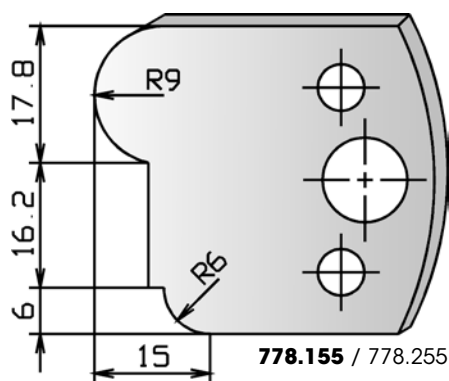
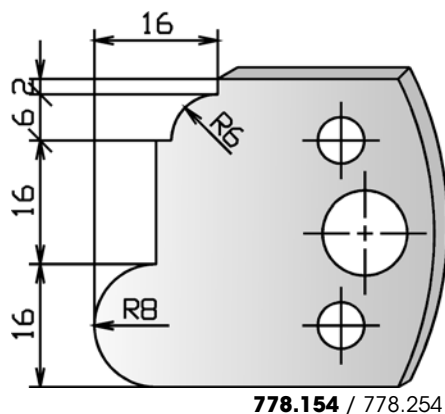
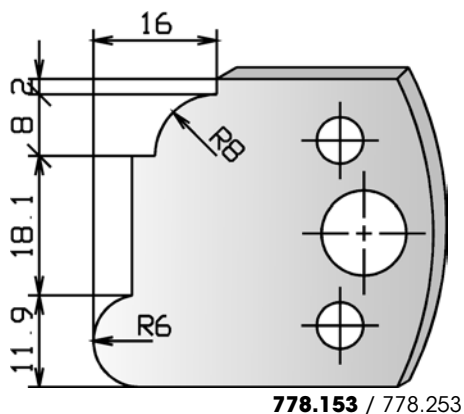
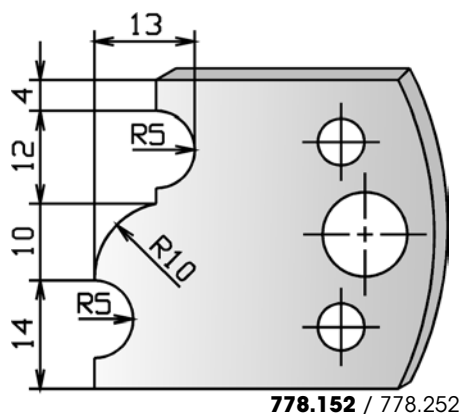
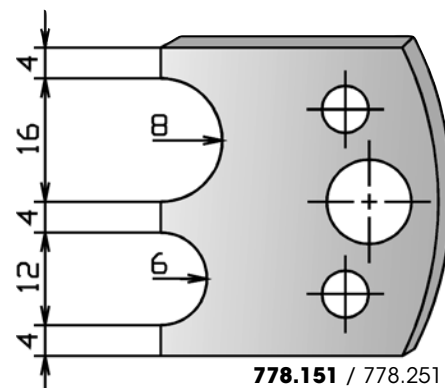
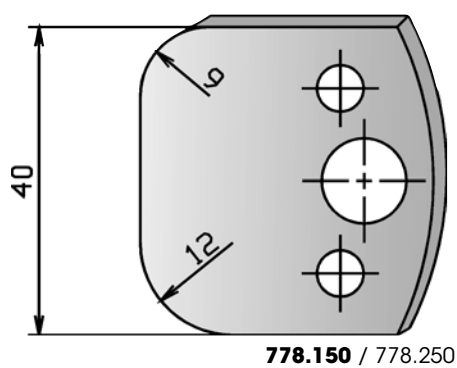
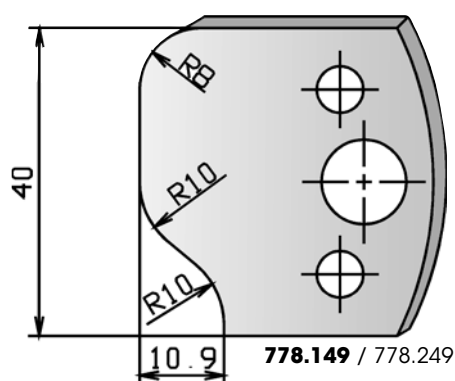


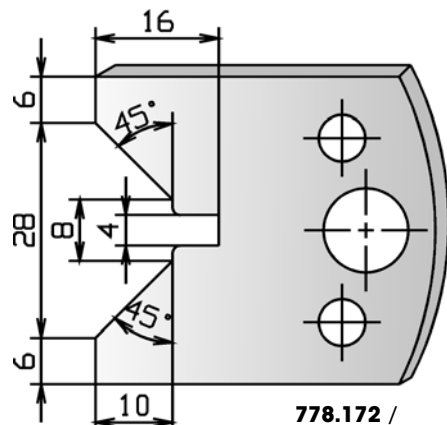
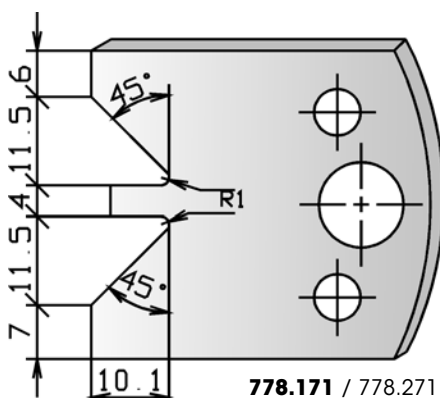
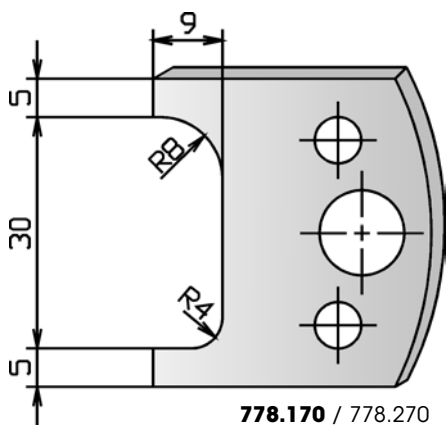
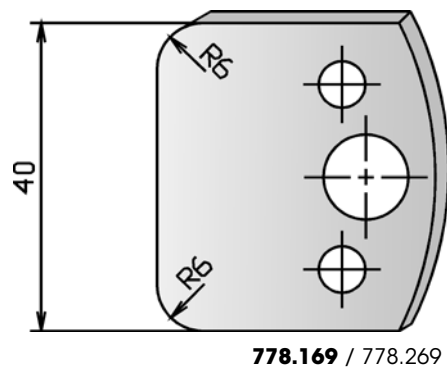
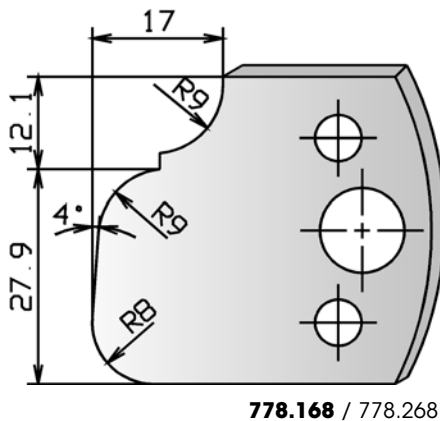
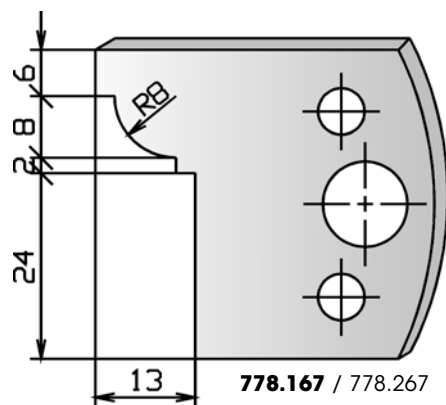
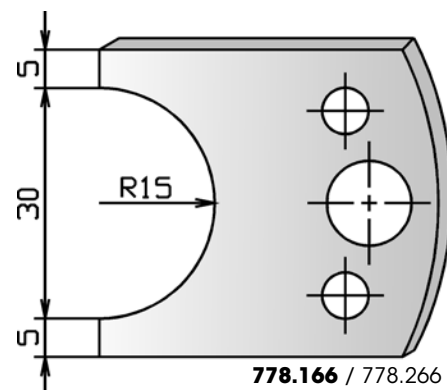
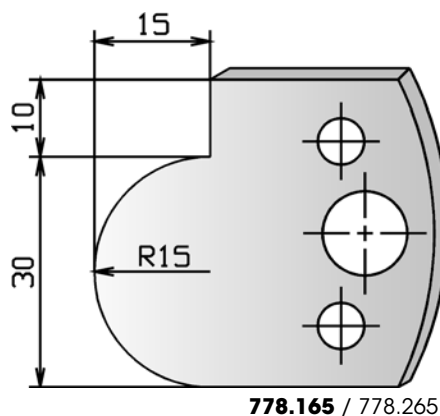
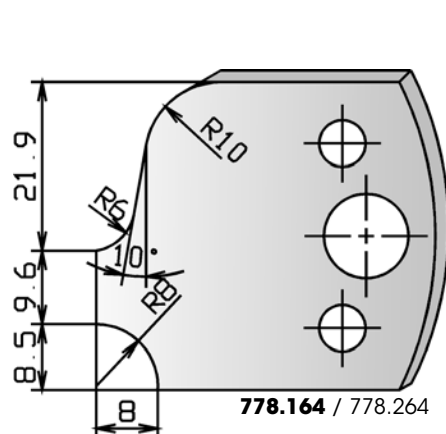
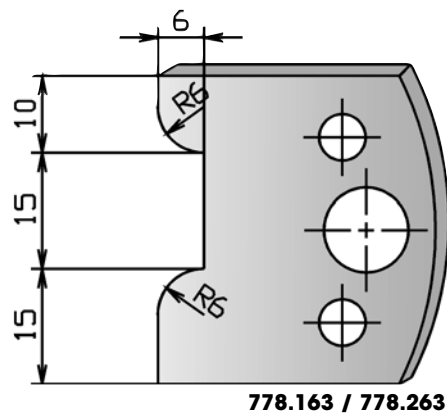
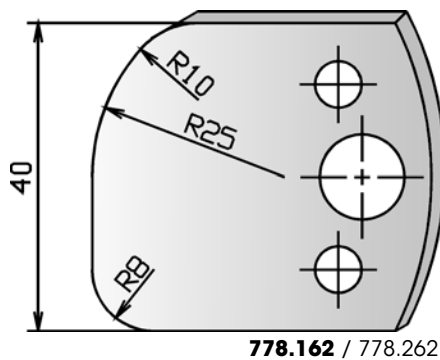
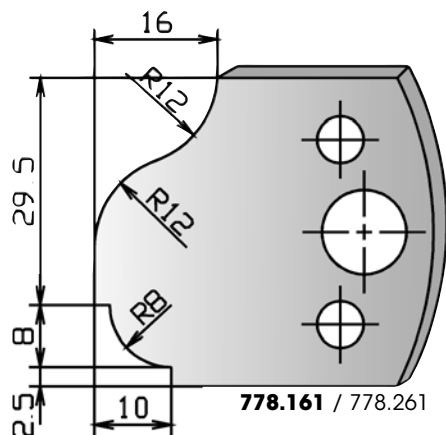
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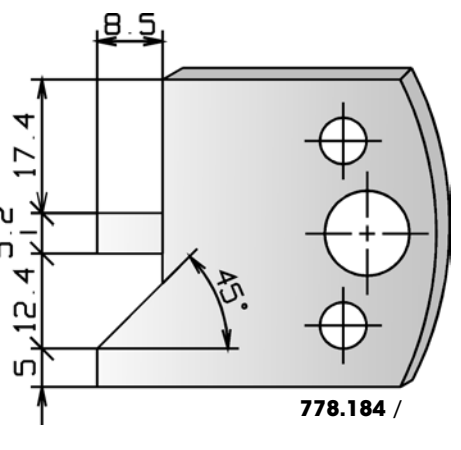
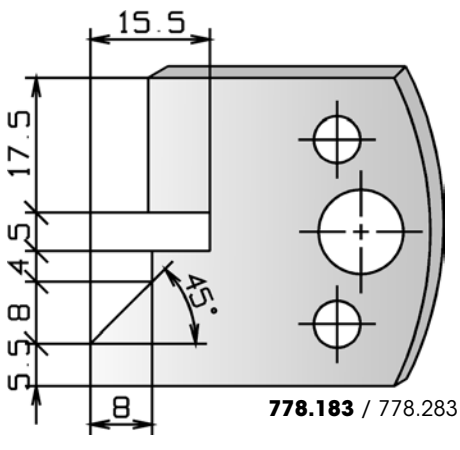
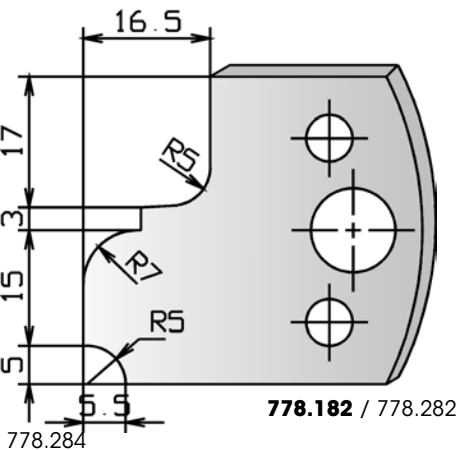
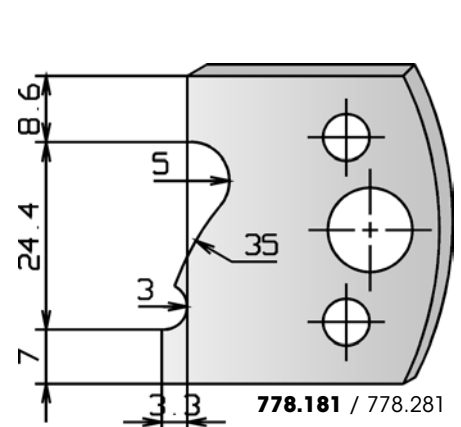
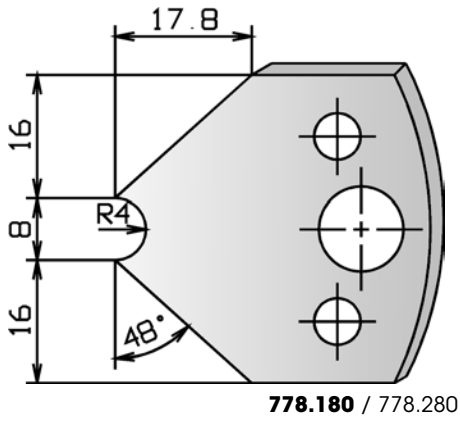
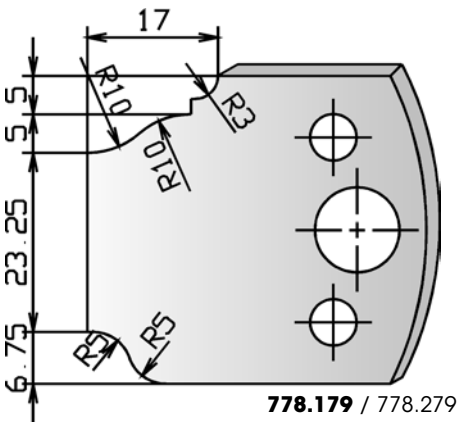
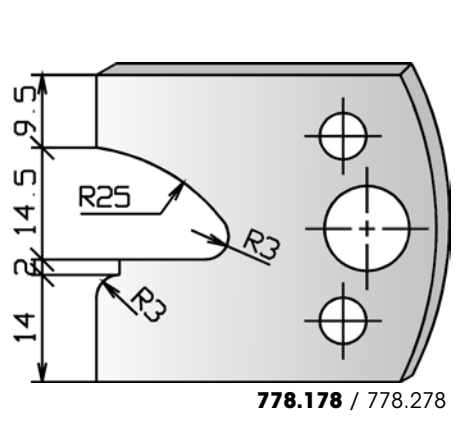
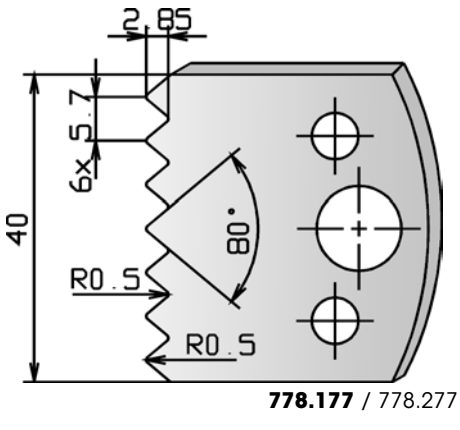
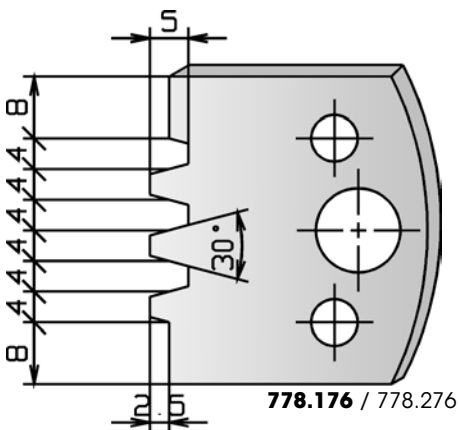
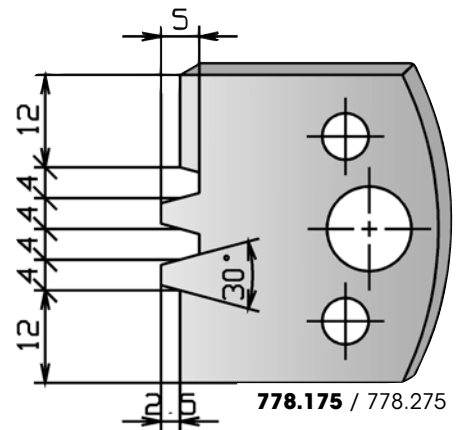
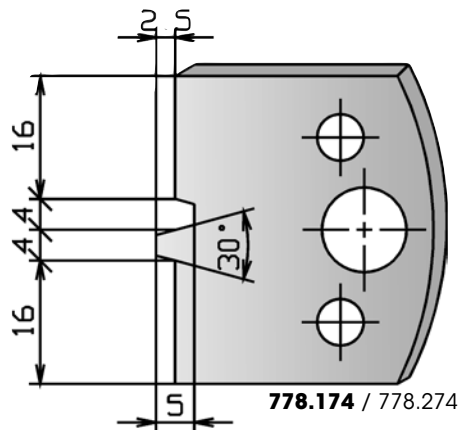
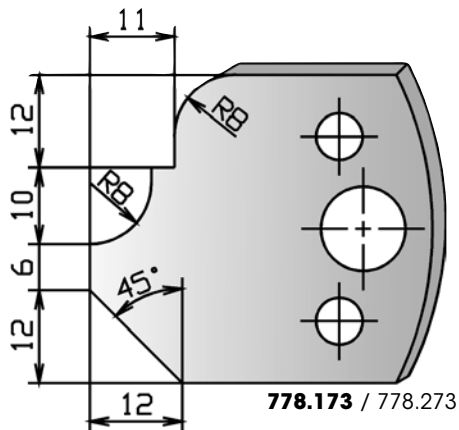


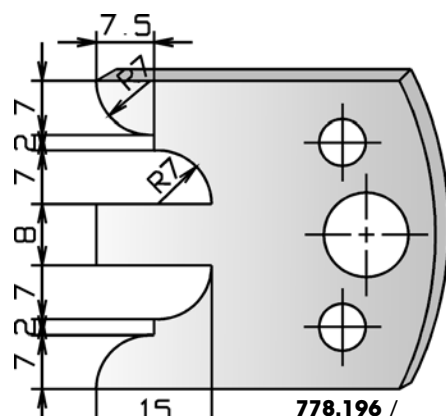
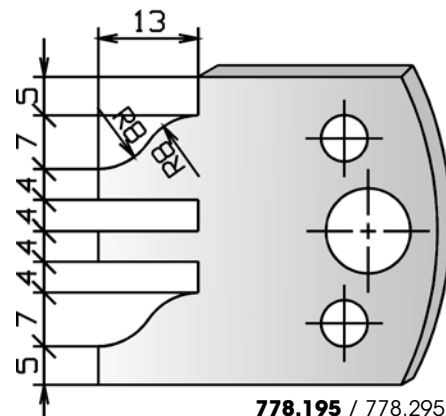
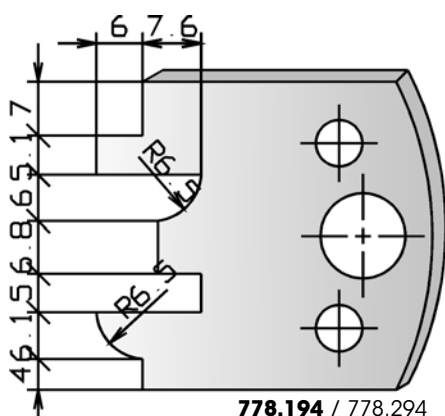
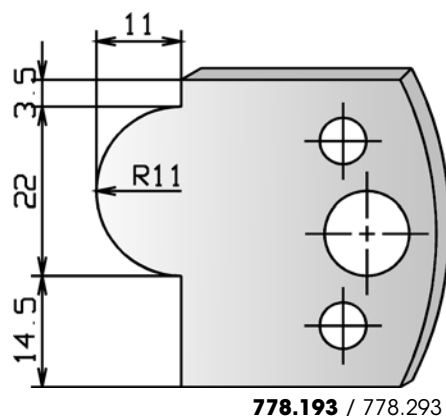
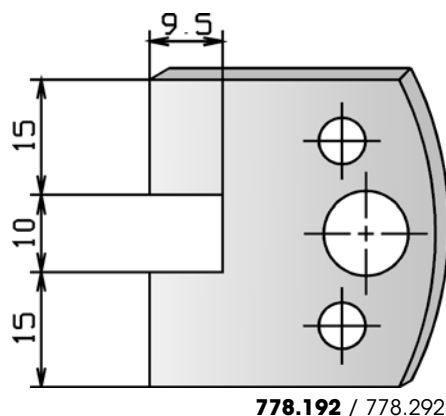
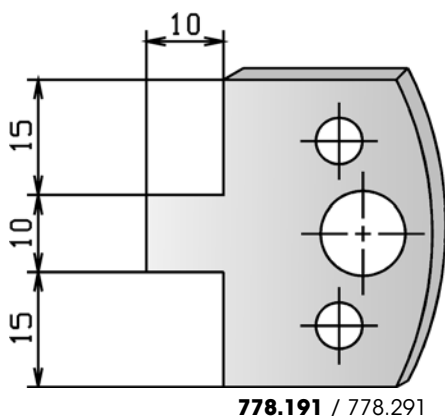
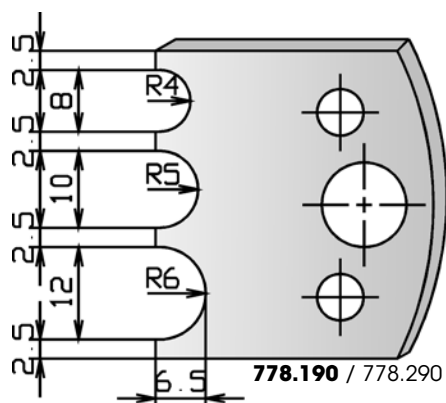
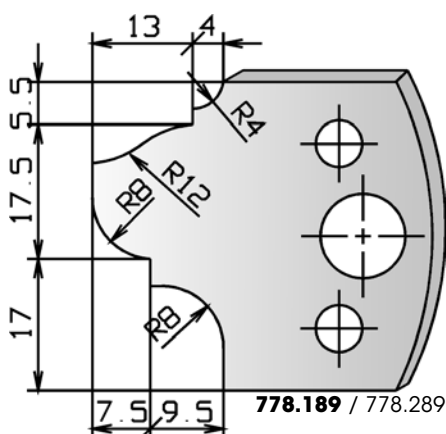
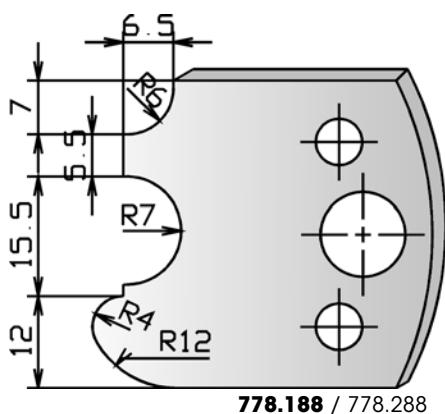
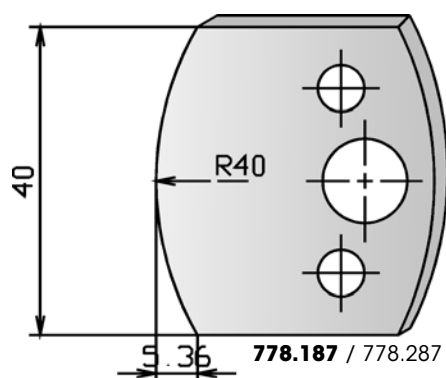
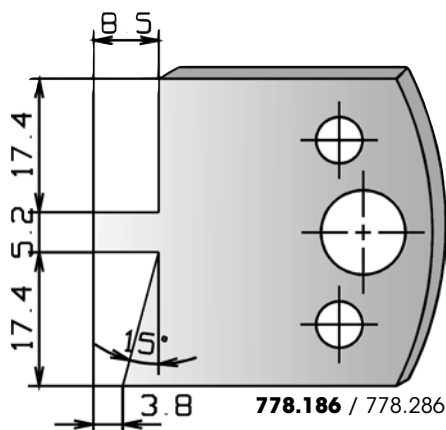
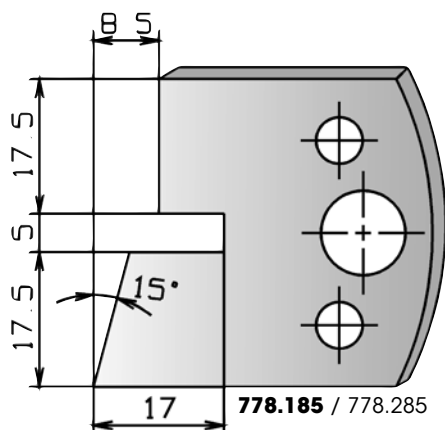


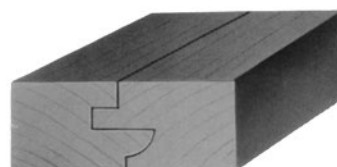
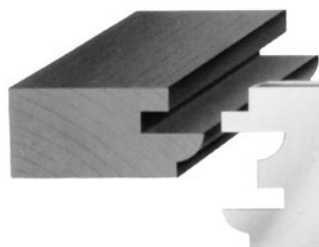
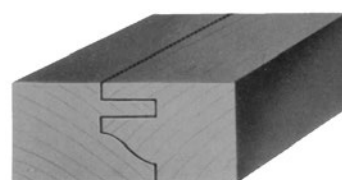
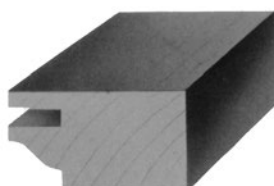
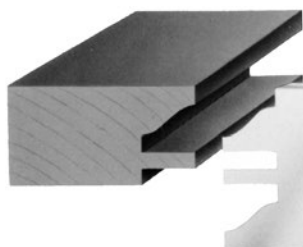
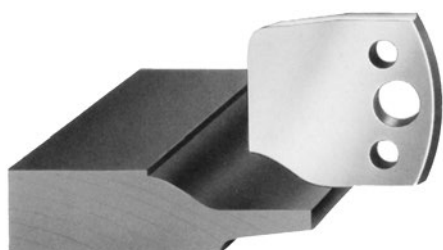
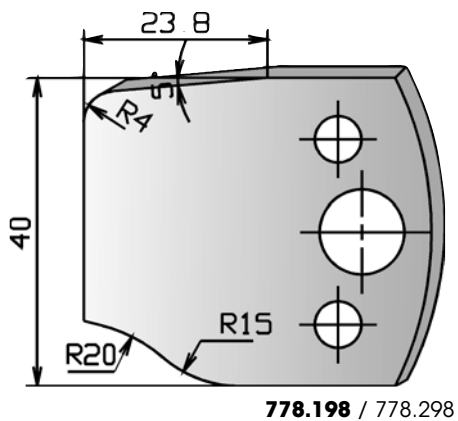
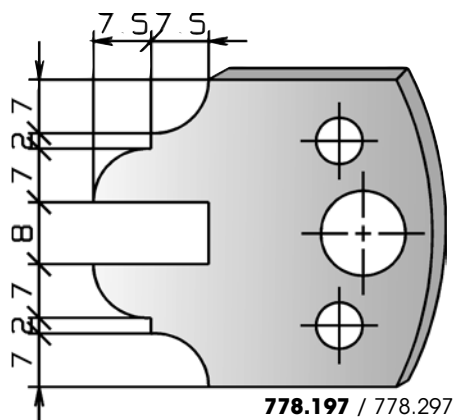
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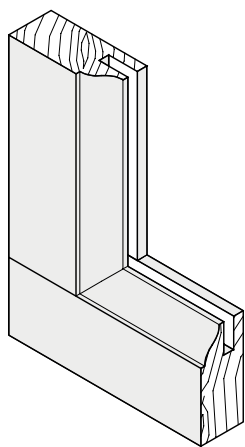
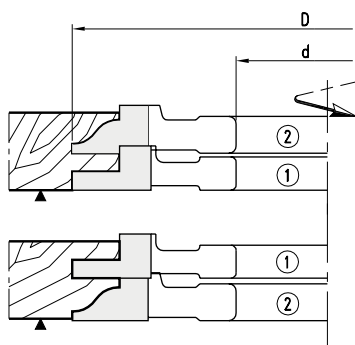










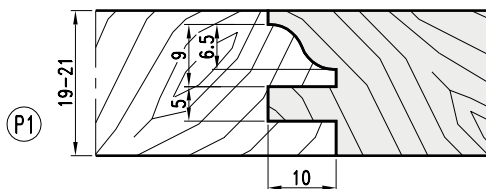

P1
P1

MAN

HW

Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	8289.140.012
2		13	50	3	5500-9500	8289.140.013

Garnitur - Cutterset (1+2)

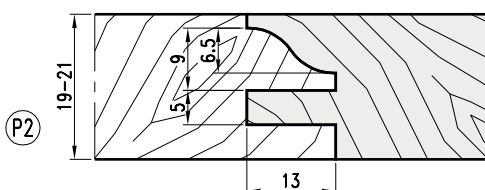
8289.001.000
P2
P2

MAN

HW

Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	8289.140.112
2		13	50	3	5500-9500	8289.140.113

Garnitur - Cutterset (1+2)

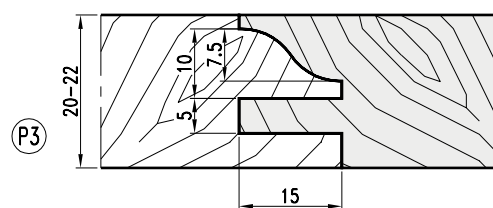
8289.002.000
P3
P3

MAN

HW

Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	8289.140.212
2		13	50	3	5500-9500	8289.140.014

Garnitur - Cutterset (1+2)

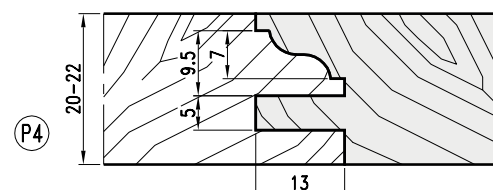
8289.003.000
P4
P4

MAN

HW

Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	8289.140.112
2		13	50	3	5500-9500	8289.140.213

Garnitur - Cutterset (1+2)

8289.004.000

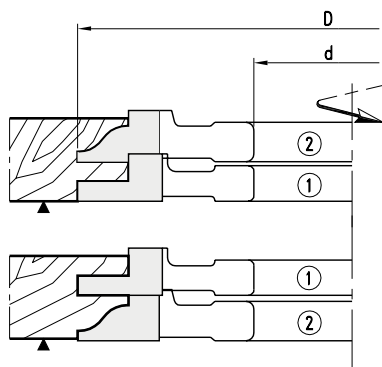
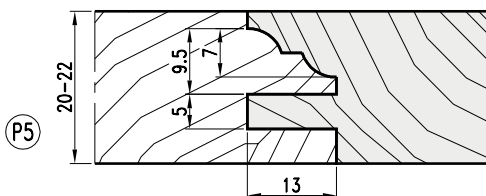
- HW-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil- und Konterprofil an Massivholz-Rahmentüren.
- Auflistung 11 verschiedener Profilvarianten.
- Ausführung für manuellen Vorschub.
- TC-Profile tipped-cutterhead with steel tool body for profiles and counter profiles in solid wood framed doors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


P5
P5

MAN

HW

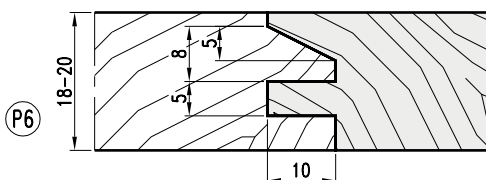
Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	8289-140.112
2		13	50	3	5500-9500	8289.140.313
Garnitur - Cutterset (1+2)						8289.005.000


P6
P6

MAN

HW

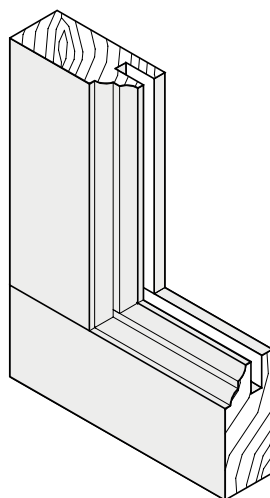
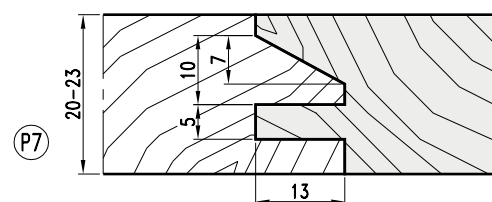
Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	8289-140.012
2		13	50	3	5500-9500	8289.140.114
Garnitur - Cutterset (1+2)						8289.006.000


P7
P7

MAN

HW

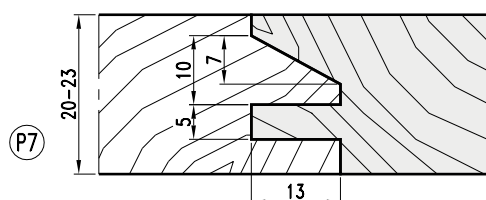
Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	8289.140.212
2		13	50	3	5500-9500	8289.140.015
Garnitur - Cutterset (1+2)						8289.007.000


P8
P8

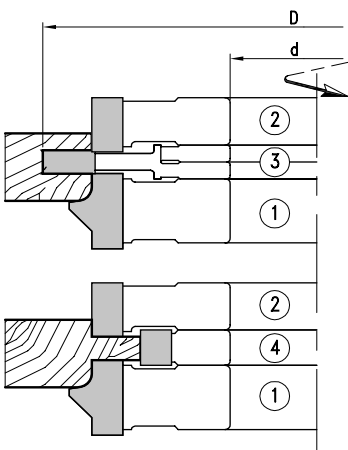
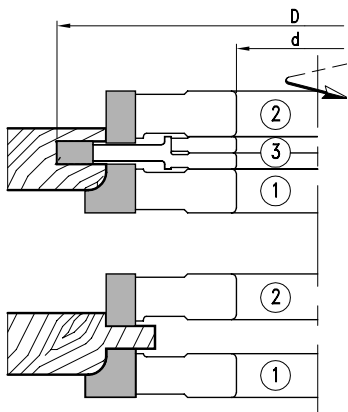
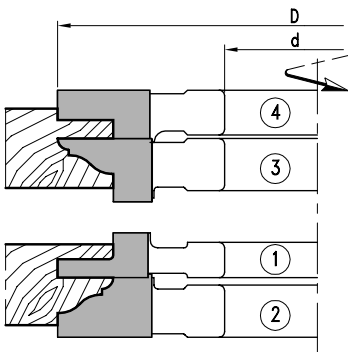
MAN

HW

Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	8289-140.312
2		13	50	3	5500-9500	8289.140.115
Garnitur - Cutterset (1+2)						8289.008.000



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



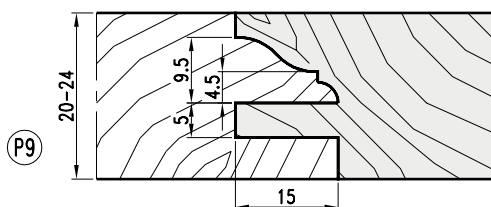
- HW-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil- und Konterprofil an Massivholz-Rahmentüren.
- Auflistung 11 verschiedener Profilvarianten.
- Ausführung für manuellen Vorschub.
- TC-Profile tipped-cutterhead with steel tool body for profiles and counter profiles in solid wood framed doors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

P9
p9

MAN

HW

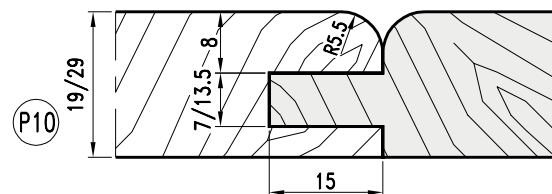
Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	8289.140.212
2		17	50	3	5500-9500	8289.140.017
3		17	50	3	5500-9500	8289.140.117
4		15	50	3	5500-9500	8289.140.215
Garnitur - Cutterset (1+2)						8289.009.000
Garnitur - Cutterset (3+4)						8289.009.001

P10
p10

MAN

HW

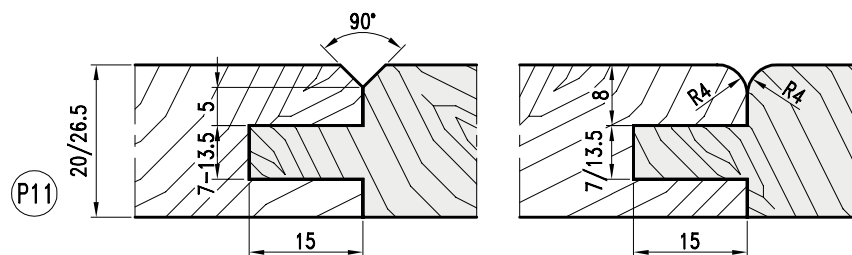
Nr.	D	B	d	Z	V	n min - n max	Art.Nr.
1	143	10	50	3		5300-9100	8289.143.010
2	130	16	50	3		6000-10200	8289.130.016
3	160	7-13,5	50	4	4	4800-8300	8289.160.007
Garnitur - Cutterset (1+2+3)							8289.010.000

P11
p11

MAN

HW

Nr.	D	B	d	Z	V	n min - n max	Art.Nr.
1	143	22,5	50	3		5300-9100	8289.143.023
2	130	16	50	3		6000-10200	8289.130.016
3	160	7-13,5	50	4	4	4800-8300	8289.160.007
4	100	15	50	3		7700-13300	8289.100.015
Garnitur - Cutterset (1+2+3)							8289.011.000



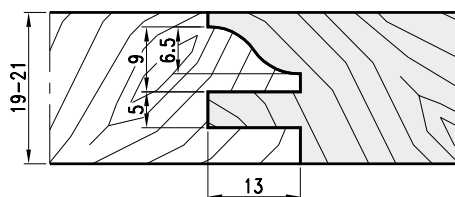
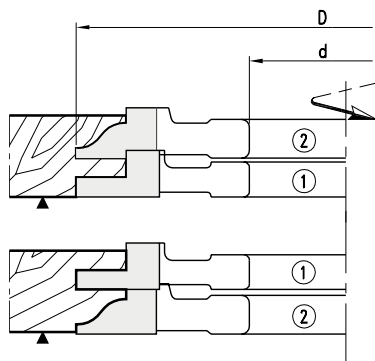

Türprofil- und Konterprofilgarnitur Z=3
Profile- and counterprofile cutterset for doors Z=3

MAN

HW

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

- 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.*

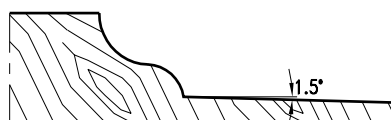
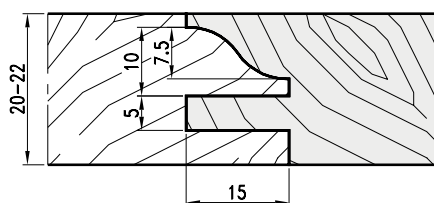
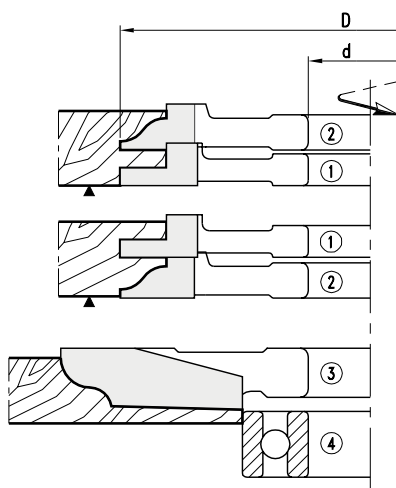

Türprofil- und Konterprofilgarnitur Z=2
Profile- and counterprofile cutterset for doors Z=2

MAN

HW

Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	120	10,5	30	2	6400-11100	8289.120.011
2	120	11,8	30	2	6400-11100	8289.120.012
3	150	14,0	30	2	5200-8900	8289.150.014
4	62					8289.062.000
Garnitur - Cutterset (1+2+3+4)						8289.013.000

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





Türprofil- und Konterprofilgarnitur

Profile- and counterprofile cutterset for doors

MEC

HW

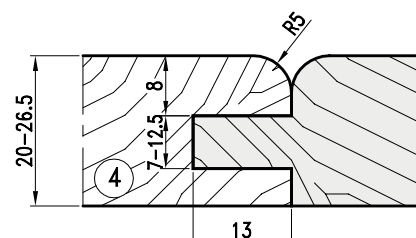
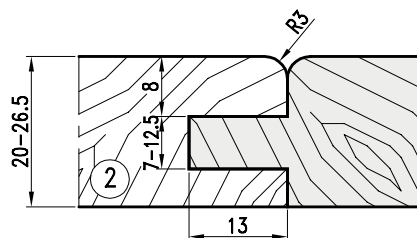
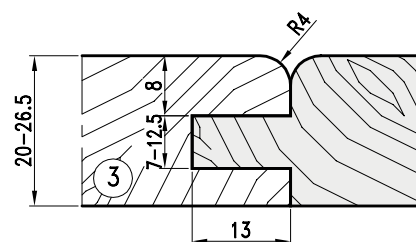
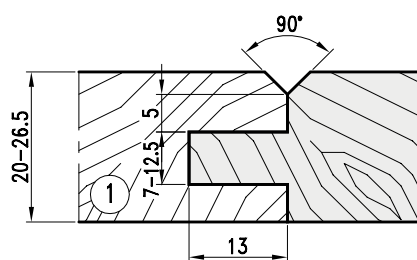
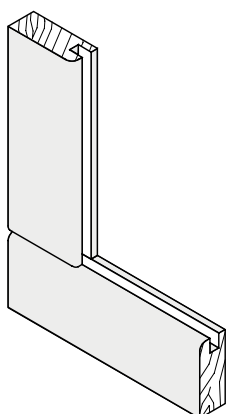
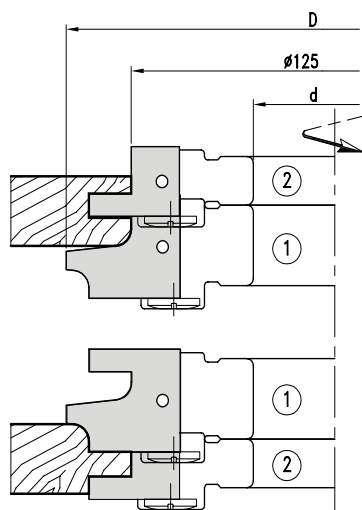
Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	165	30	30/50	2	5500-9500	4814.165.030
2	151	20	30/50	2	5500-9500	4814.151.020
Garnitur - Cutterset						4814.000.000

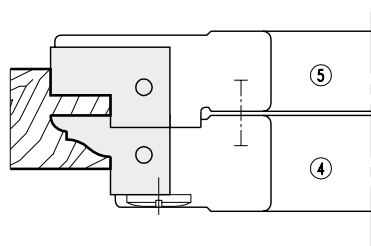
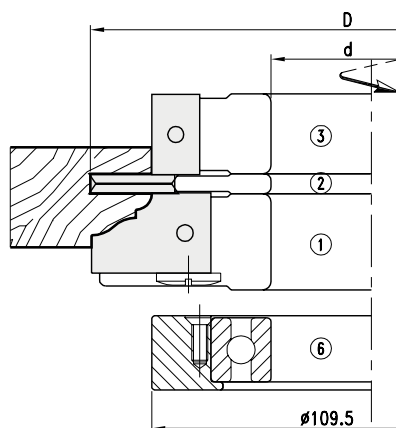
- Ohne Wendemesser
- Cutterhead supplied without knives
- WP-Profilmesserkopf mit Stahltrgkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Vier verschiedene Profilvarianten.
- Ausführungen für mechanischen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for profiles and counter profiles in solid wood framed doors in cabinetry. Four tool sets for frames with different profiles.
- Layout for mechanical feed.

Wechselmesser/Ersatzteile

Reversible knives/Spare parts

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




Türprofil- und Konterprofilgarnitur
 Profile- and counterprofile cutterset

MAN

HW

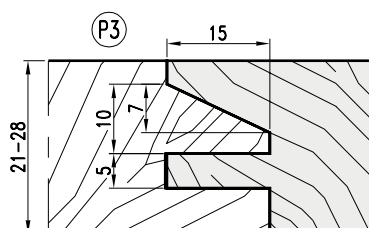
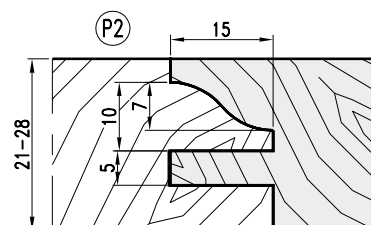
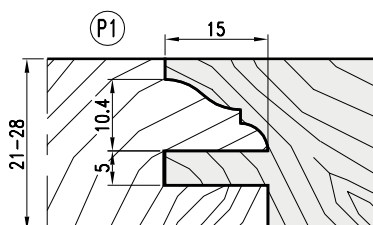
Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	139,5	20	50	4	5500-9500	● 4819.140.020
2	140,0	5	50	4	5500-9500	4849.140.005
3	109,5	20	50	4	7000-11900	4819.110.020
4	160,0	20	50	3	4800-8300	● 4819.160.020
5		20	50	3	4800-8300	4819.160.120
6	109,5	Anlaufring - Template ring				702.224
	Garnitur - Cutterset					4819.000.000

- Ohne Wechselmesser
- Cutterhead supplied without knives

- WP-Profilmesserkopf mit Stahltrgkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren mit Anlaufring. Drei verschiedene Profilvarianten.
- Ausführung 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 with guide ring in solid wood framed doors in cabinetry. Three tool sets for frames with different profiles.
- Layout for manual feed.

Wechselmesser/Ersatzteile
 Reversible knives/Spare parts

	Nr.	P	Dim.	Art.Nr.
Wechselmesser - Reversible knife	1	P1	20x30x2	785.750
		P2	20x30x2	785.751
		P3	20x30x2	785.752
	3		20x12x15	750.102
	4	P1	20x30x2	785.753
		P2	20x30x2	785.754
		P3	20x30x2	785.755
	5		20x30x2	785.756
Spannkeil - Clamping wedge	1			707.091
	3			707.130.20
	4			707.092
	5			707.093
Gewindestift - Screw			M8x16	705.542
Kugellager - Ball bearing	6		D-80	701.105
Sechskantschlüssel - T Wrench			SW4	706.104




Türprofil- und Konterprofilgarnitur
 Profile- and counterprofile cutterset

MAN

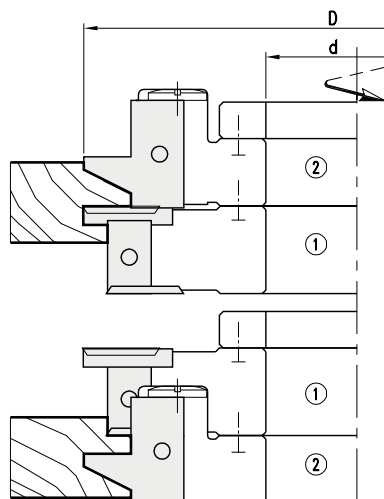
HW

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

- WP-Profilmesserkopf mit Stahltrgkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Drei verschiedene Profilvarianten.
- Ausföhrung 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.

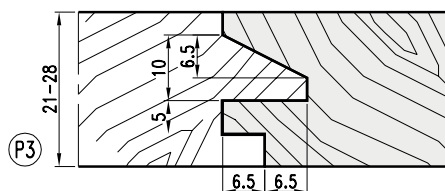
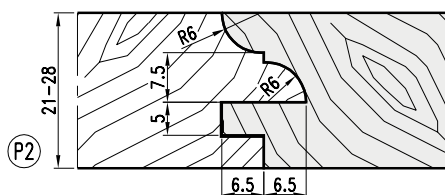
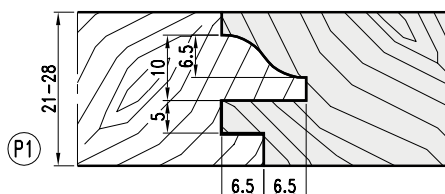
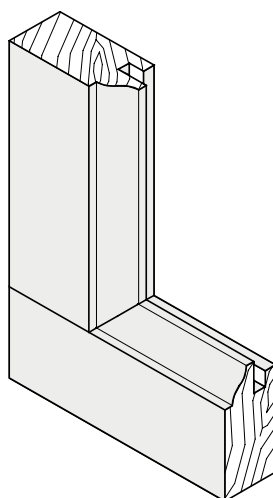
Wechselmesser/Ersatzteile
 Reversible knives/Spare parts

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



- Garnitur Art. 4819.000.001 wird vollständig mit 3 Profilen geliefert

- Cutterset 4819.000.001 supplied complete with 3 profiles




Türprofil- und Konterprofilgarnitur
Profile- and counterprofile cutterset

MAN

HW

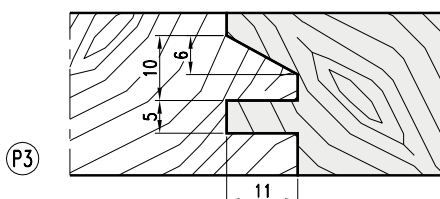
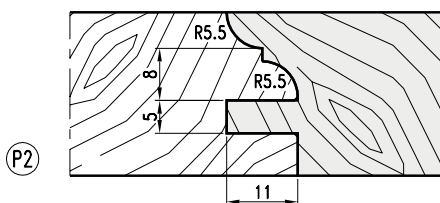
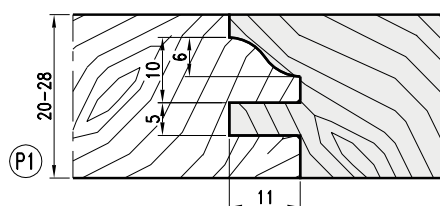
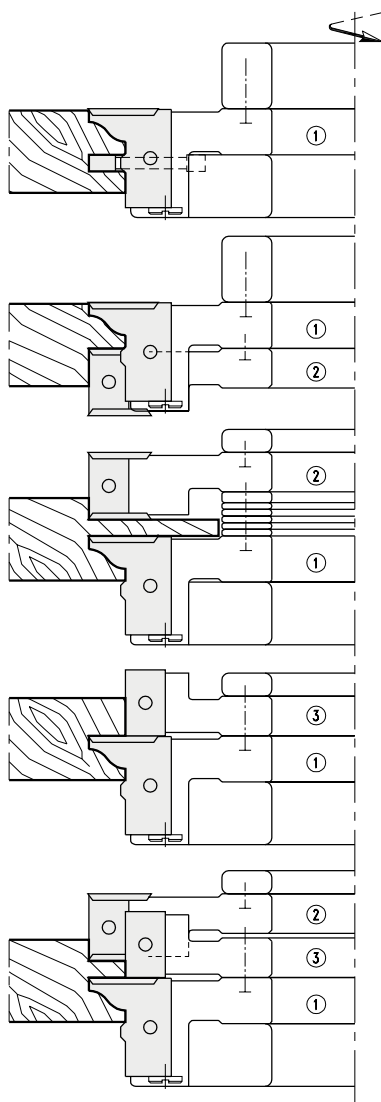
Nr.	D	B	d	Z	l	n min - n max	Art.Nr.
1	160	20	30/50	3	3	5500-9500	● 4819.160.030
2		20	30/50	4		5500-9500	4849.160.220
3	138	20	30/50	4		7000-11900	4819.138.020
Garnitur - Cutterset							4819.000.002

- Ohne Wechselmesser
- Cutterhead supplied without knives

- WP-Profilmesserkopf mit Stahltrgkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Drei verschiedene Profilvarianten.
- Ausführung 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.

Wechselmesser/Ersatzteile
Reversible knives/Spare parts

	Nr.	P	Dim.	Art.Nr.
Wechselmesser - Reversible knife	1	P1	30x25x2	785.302
		P2	30x25x2	785.301
		P3	30x25x2	785.303
Spannkeil - Clamping wedge	2/3		20x12x1,5	750.102
	1			707.807
Gewindestift - Screw	2/3			707.002.18
	1		M8x12	705.541
Vorschneider - Spur	2/3		M8x16	705.542
	1		22x19x2	760.101
Spannschraube - Screw	2		14x14x2	750.111
			M5x8	705.422
Nutmesser - Groover			35x17x5	783.121
Schraube - Screw			M5x13,5	705.318
Sechskantschlüssel - T Wrench			SW3(M5)	706.103
			SW4(M8)	706.104



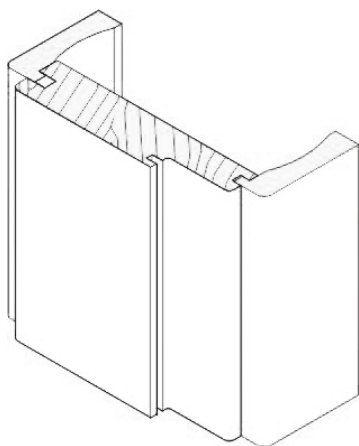


Für Weich- und Harthölzer bzw. Span- und Faserwerkstoffe, beschichtet oder Furniert.
For softwood and hardwood, chipboard and fibre material, plastic coated and veneered.

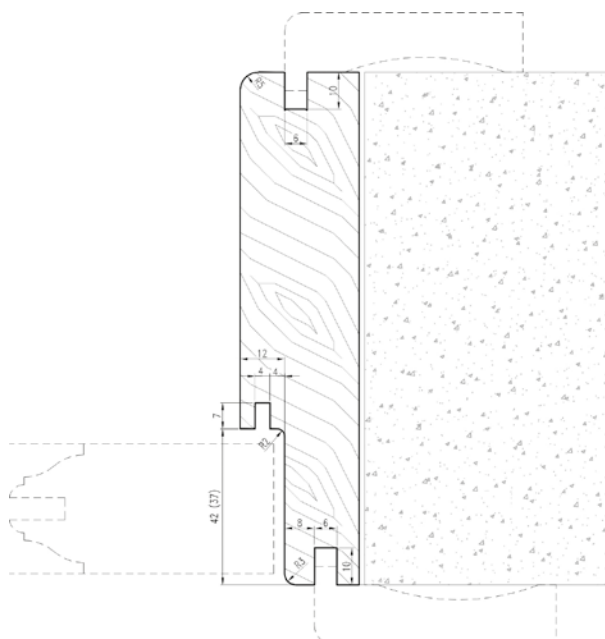
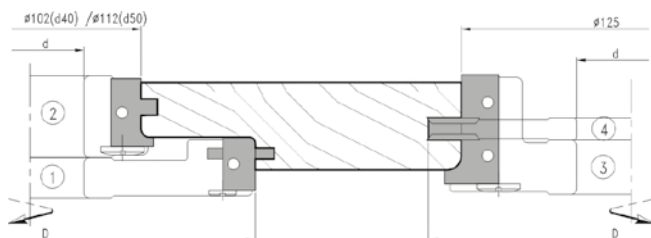
MEC**HW**

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

- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Tüfutter und Bekleidung.
- Ausführung für mechanischen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for door cases and door linings.
- Layout for mechanical feed.


Wechselmesser/Ersatzteile
Reversible knives/Spare parts

	Nr.	Dim.	Art.Nr.
Wechselmesser - Reversible knife	1	20x12x1,5	785.110
	2	25x17x2	785.111
	3	40x20x2	785.112
	4	7,6x12x1,5	750.097
Spannkeil - Clamping wedge	1		707.130.20
	2		707.012.23
	3		707.002.38
	4		707.002.07
Schraube - Screw (DIN 963)	1/3	M8x16	705.542
	2	M6x16	705.535
	4	M5x12	705.523
Vorschneider - Spur		14x14x2	750.111
Schraube - Screw (DIN 963)		M5x8	705.422
Nutmesser - Groover		25,55x13x4	783.101
Schraube - Screw		M5x13,5	705.318
Sechskantschlüssel - T Wrench		SW4 (M8)	706.104
		SW3 (M6)	706.103
		SW2,5 (M5)	706.102



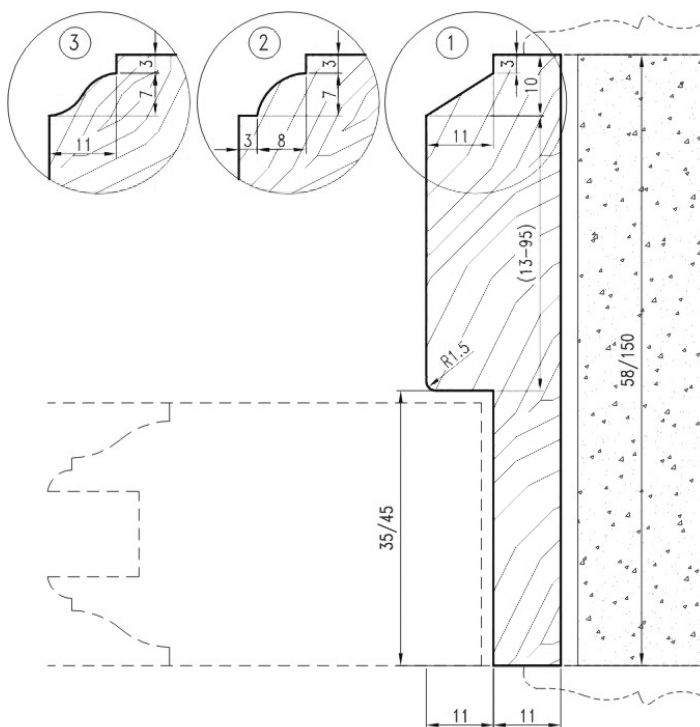
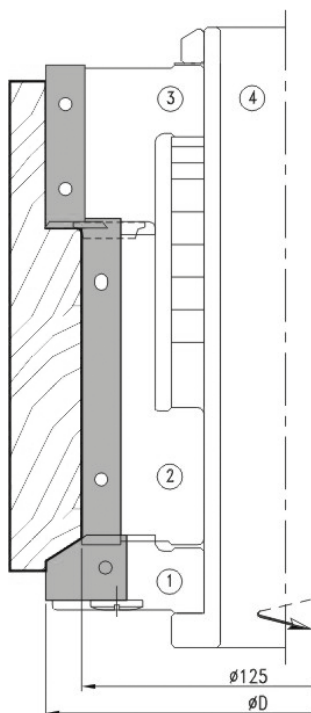

WP-Profilmesserkopf für Weich- und Harthölzer.
TC-Profile cutterhead for softwood and hardwood
MEC**HW**

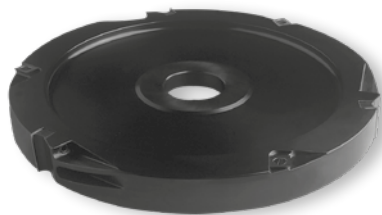
Nr.	D	B	d	Z	V	S	n max	Art.Nr.
1	147	20	50	2			8900	4884.147.020
2	125	100	50	2			8900	4884.125.100
3	147	50	50	2	2	2	8900	4884.147.050
4	50	190	40					704.901
1+2+3+4								4884.000.000

- ohne Wechsellmesser
supplied without knives
- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Tüfuttern.
- Ausführung für mechanischen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for door cases.
- Layout for mechanical feed.

Wechsellmesser/Ersatzteile
Reversible knives/Spare parts

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

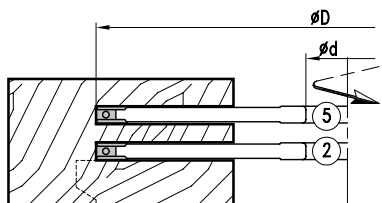
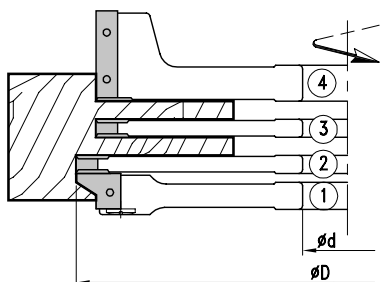



WP-Profilmesserkopf für Weich- und Harthölzer.
TC-Profile cutterhead for softwood and hardwood
MEC**HW**

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

- ohne Wechselmesser
supplied without knives

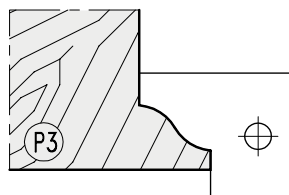
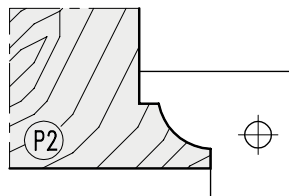
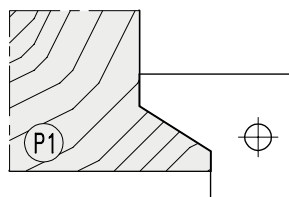
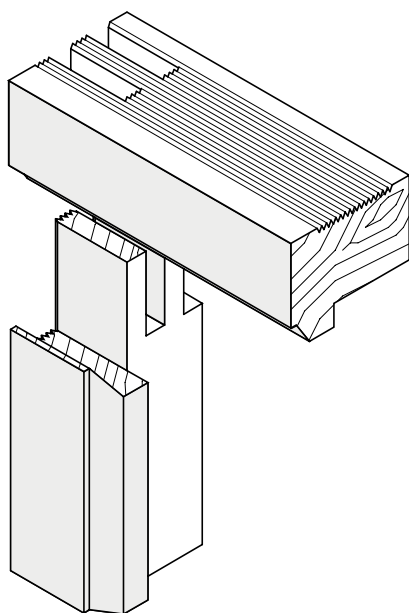
- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Türfuttern.
- Ausführung für mechanischen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for door cases.
- Layout for mechanical feed.

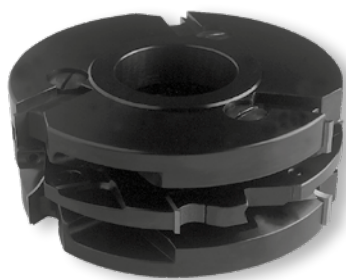

Wechselmesser/Ersatzteile
Reversible knives/Spare parts

	Nr.	P	Dim.	Art.Nr.
Wechselmesser - Reversible knife	1	P1	20x25x2	785.625
		P2	20x25x2	785.626
		P3	20x25x2	785.627
	2/3/5		9,6x12x1,5	750.098
	4		50x12x1,5	750.106
Spannkeil - Clamping wedge	1			707.085
	2/3/5			707.002.08
	4			707.130.50
Gewindestift - Screw			M8x16	705.542
	2/3/5		M6x16	705.535
Vorschneider - Spur			14x14x2	705.111
Spannschraube - Screw			M5x8	705.422
Sechskantschlüssel - T Wrench			SW3(M6)	706.103
			SW4(M8)	706.104

Profile, siehe Art. 4884
Profiles, see Art. 4884

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




Profil- und Konterprofilgarnitur
Profile- and counterprofile cutterset

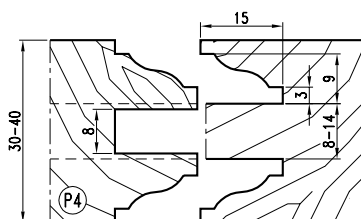
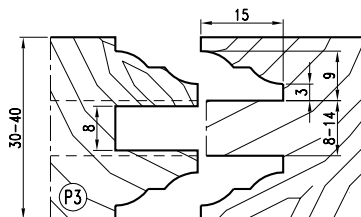
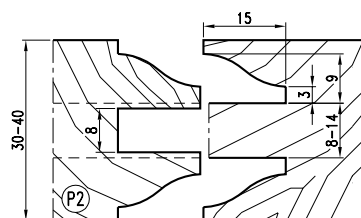
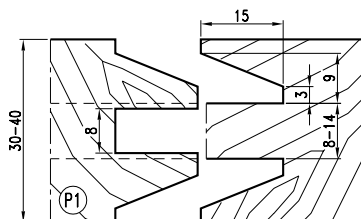
MAN

HW

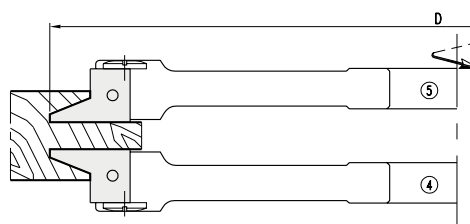
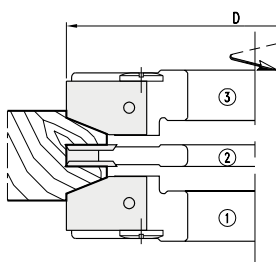
Nr.	D	B	d	Z	V	n min - n max	Art.Nr.
1	140	20	50	3		5500-9500	● 4899.140.020
2		8	50	4	4	5500-9500	5149.140.008
3		20	50	3		5500-9500	● 4899.140.120
4	302	20	50	3		2600-4400	● 4899.302.020
5		20	50	3		2600-4400	● 4899.302.120

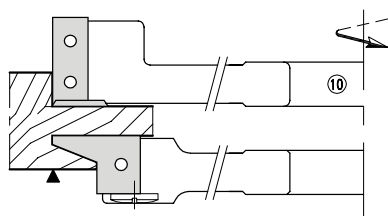
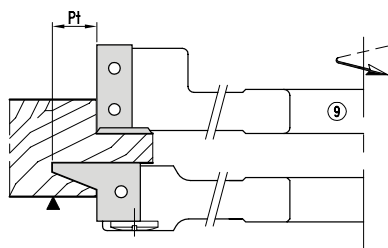
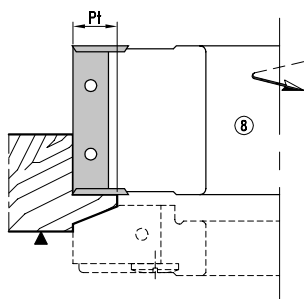
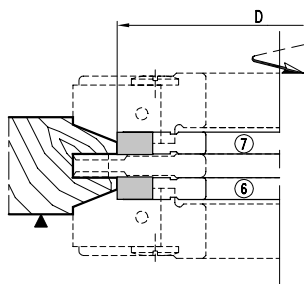
- ohne Wechsellmesser
- supplied without knives

- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren.
- Zehn verschiedene Profilfräsgarnituren.
- Ausführung 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.


Wechsellmesser/Ersatzteile
Reversible knives/Spare parts

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




Profil- und Konterprofilgarnitur für Türen
Profile- and counterprofile cutterset for doors

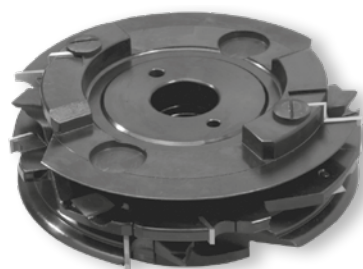
HW

Nr.	D	B	d	Z	V	Pt	n min - n max	Art.Nr.
6	110	7,6	50	3			6900-12000	4899.110.008
7		7,6	50	3			6900-12000	4899.110.108
8	132	30,0	50	3	3	11	5800-10000	4899.132.030
8		50,0	50	3	3	11	5800-10000	4899.132.050
8	140	50,0	50	4	4	15	5500-9500	5769.140.050
9	272	30,0	50	3	3	15	2800-4800	5249.272.130
9	280	30,0	50	3	3	11	2800-4700	5249.280.130
10	302	30,0	50	3	3		2600-4400	5249.302.130

Wechselmesser/Ersatzteile
Reversible knives/Spare parts

	Nr.	Dim.	Art.Nr.
Wechselmesser - <i>Reversible knife</i>	6/7	7,5x12x1,5	785.625
	9/10	30x12x1,5	785.626
	8	50x12x1,5	785.627
Spannkeil - <i>Clamping wedge</i>	6/7		707.085
	9/10		707.002.08
	8		707.130.50
Gewindestift - <i>Screw</i>	6/7	M6x12	705.542
		M8x16	705.535
Vorschneider - <i>Spur</i>		14x14x2	705.111
Spannschraube - <i>Screw</i>		M5x8	705.422
Sechskantschlüssel - <i>T Wrench</i>		SW3(M6)	706.103
		SW4(M8)	706.104




Profil- und Konterprofilgarnitur für Türen
Profile- and counterprofile cutterset for doors

MAN

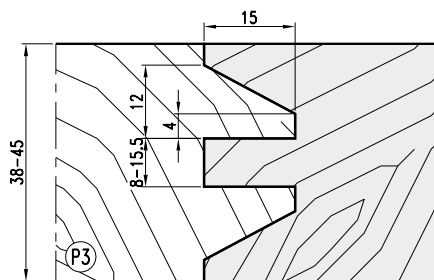
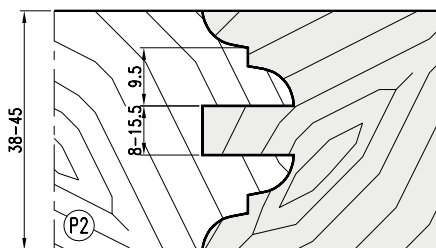
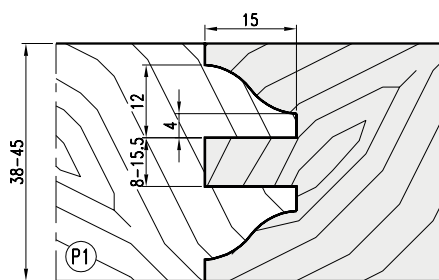
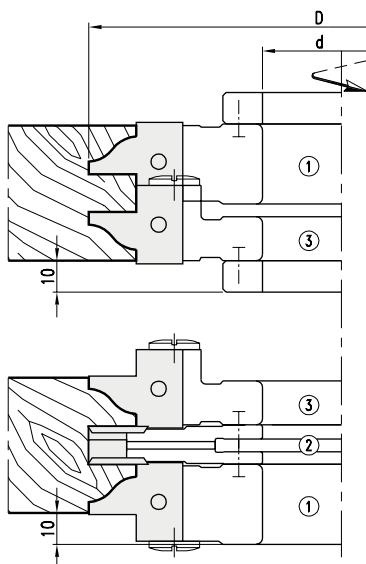
HW

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

- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Garnitur aus drei verschiedenen Profilfräsern.
- Ausführung 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 profile cutters.
- Layout for manual feed.

Wechselmesser/Ersatzteile
Reversible knives/Spare parts

	P	Nr.	Dim.	Art.Nr.
Wechselmesser - Reversible knife	P1	1	29,5x25x2	785.502
	P1	3	29,5x25x2	785.501
	P2	1	29,5x25x2	785.504
	P2	3	29,5x25x2	785.503
	P3	1	29,5x25x2	785.506
	P3	3	29,5x25x2	785.505
Spannkeil - Clamping wedge		2	7,5x12x1,5	750.097
		1		750.531
		2		707.002.06
Gewindestift - Screw		3		707.530
		2	M5x12	705.523
		1/3	M6x16	705.535
Vorschneider - Spur			14x14x2	750.111
Spannschraube - Screw			M5x8	705.422
Sechskantschlüssel - T Wrench			SW2,5	706.102
			SW3	706.103




Türprofil- und Konterprofilgarnitur
Profile- and counterprofile cutterset for doors

MAN

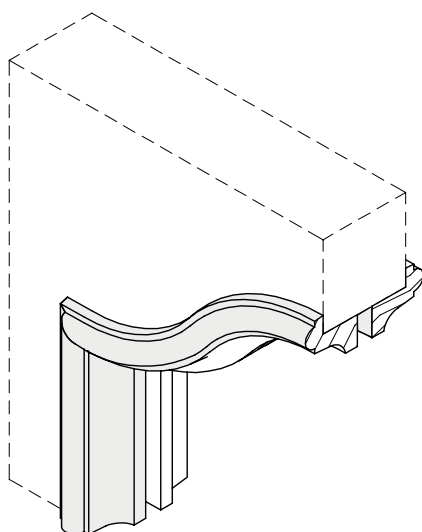
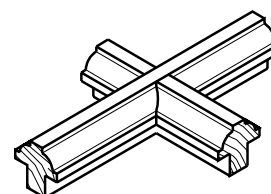
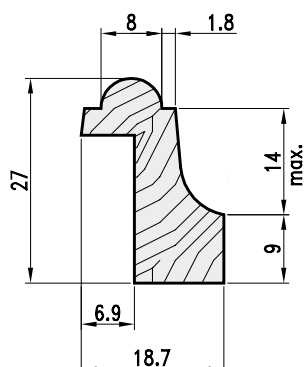
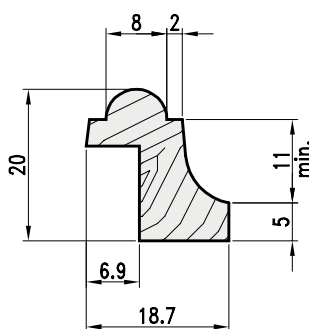
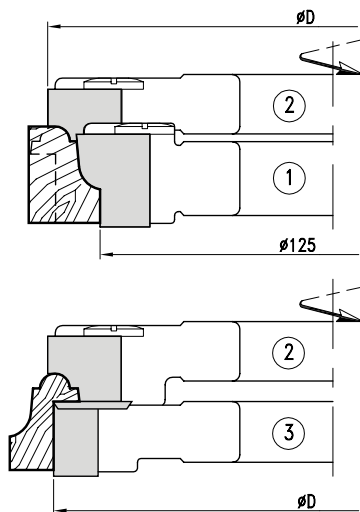
HW

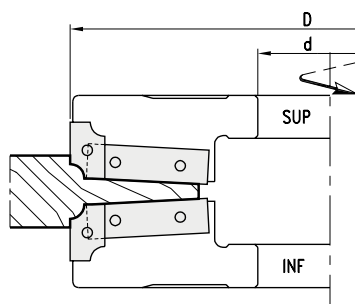
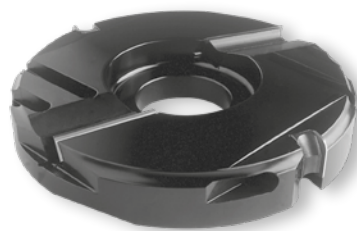
Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	138	25	30/50	3	5600-9600	4839.138.025
2	153	20	30/50	3	5000-8600	4839.153.020
3	151	20	30/50	3	5000-8600	4839.151.020

- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Sprossen und Leisten an Massivholz-Rahmentüren. Garnitur aus drei verschiedenen Profilfräsern.
- Ausführung 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.

Wechselmesser/Ersatzteile
Reversible knives/Spare parts

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




Abplattfräser
Panel raising cutter

MAN

HW

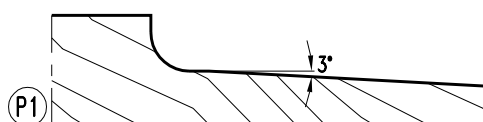
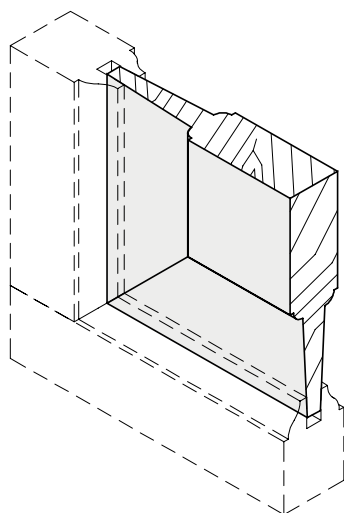
D	B	d	Z	n min - n max	SUP	INF
180	30	30/50	2+2	4300-7400	● 5279.180.030	5279.180.130

- Abplattfräser wird mit P1 geliefert, auf Anfrage mit P2, P3 oder Profilen nach Wunsch.
- Cutterhead equipped with tips for basic profile P1
- WP-Pofilmesserkopf mit Stahltragkörper zum Abplatten von Rahmenfüllungen.
- Profilmesserkopf für drei verschiedene Abplattprofile zum einseitigen oder beidseitigen Abplatten.
- Ausführung 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.

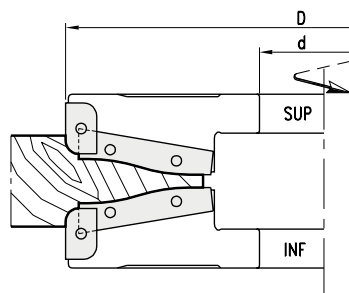
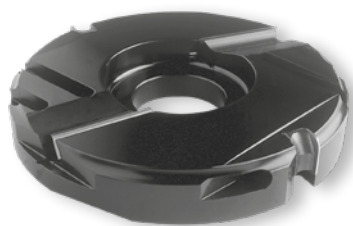
Wechselmesser/Ersatzteile
Reversible knives/Spare parts

	Nr.	Dim.	Art.Nr.
Wechselmesser - <i>Reversible knife</i>	1 (SUP)	20x12x1,5	781.111
	2	20x12x1,5	781.112
	3	20x12x1,5	781.113
	1 (INF)	20x12x1,5	781.114
	2	20x12x1,5	781.115
	3	20x12x1,5	781.116
Spannkeil - <i>Clamping wedge</i>	SUP		781.273
	INF		707.275
Wendemesser - <i>Reversible knife</i>		50x12x1,5	750.106
Spannkeil - <i>Clamping wedge</i>	SUP		707.274
	INF		707.276
Gewindestift - <i>Screw</i>		M8x16	705.542
Sechskantschlüssel - <i>T Wrench</i>	SW4		706.104
Einstellehre - <i>Adjusting gauge</i>		1,0	709.504

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



- Weitere Profilmöglichkeiten
- Further profile variations


Abplattfräser
Panel raising cutter
MAN**HW**

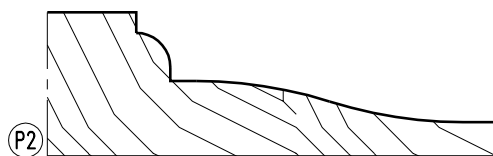
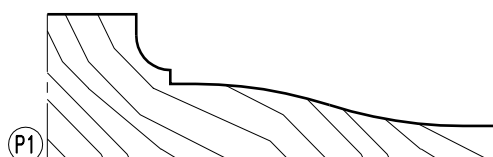
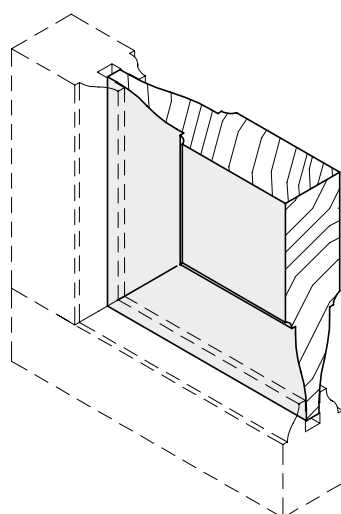
D	B	d	Z	n min - n max	SUP	INF
200	30	30/50	2+2	3900-6600	● 5279.200.030	5279.200.130

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

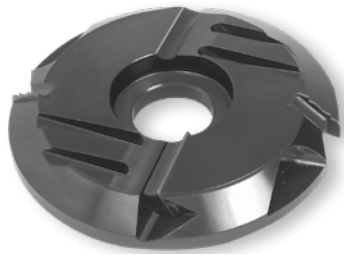
Wechselmesser/Ersatzteile
Reversible knives/Spare parts

	Nr.	Dim.	Art.Nr.
Wechselmesser - <i>Reversible knife</i>	1 (SUP)	20x12x1,5	781.111
	2	20x12x1,5	781.112
	3	20x12x1,5	781.113
	1 (INF)	20x12x1,5	781.114
	2	20x12x1,5	781.115
	3	20x12x1,5	781.116
Spannkeil - <i>Clamping wedge</i>	SUP		781.273
	INF		707.275
Wendemesser - <i>Reversible knife</i>	SUP	60x12x1,5	781.120
	INF	60x12x1,5	781.121
Spannkeil - <i>Clamping wedge</i>	SUP		707.272
	INF		707.277
Gewindestift - <i>Screw</i>		M8x16	705.542
Sechskantschlüssel - <i>T Wrench</i>		SW4	706.104
Einstelllehre - <i>Adjusting gauge</i>		1,0	709.504

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

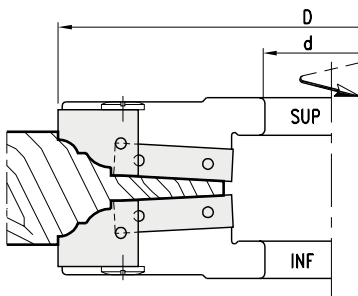


- Weitere Profilmöglichkeiten
- Further profile variations


Abplattfräser
Panel raising cutter
MAN**HW**

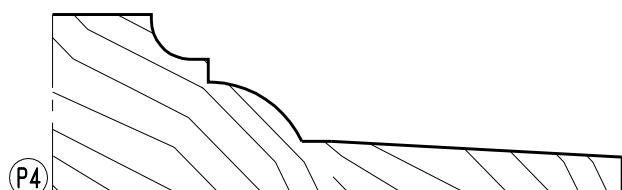
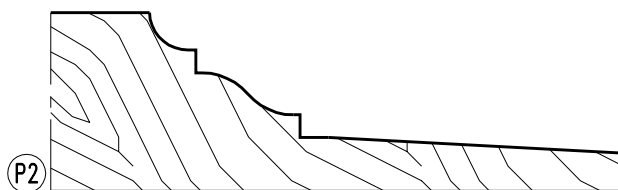
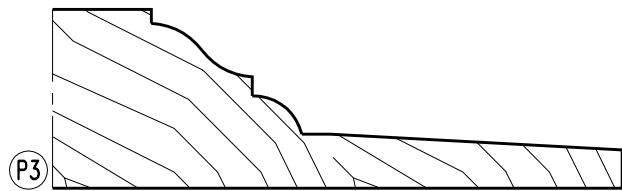
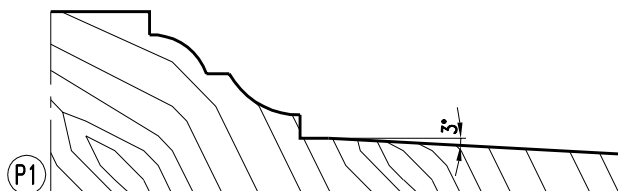
D	B	d	Z	n min - n max	SUP	INF
200	30	30/50	2+2	3900-6600	● 5279.200.030	5279.200.130

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


Wechselmesser/Ersatzteile
Reversible knives/Spare parts

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

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

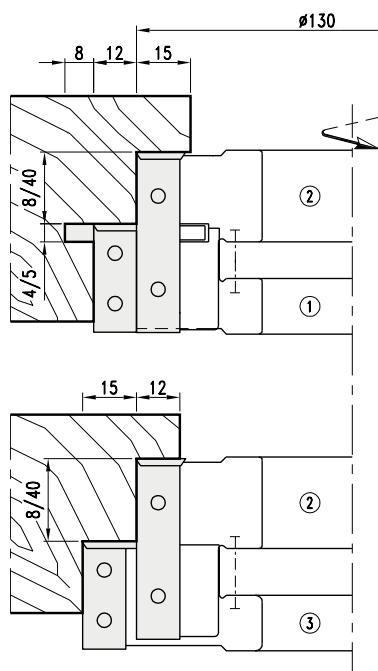


- Weitere Profilmöglichkeiten
- Further profile variations


Türblatt- Doppelfalz Fräsgarnitur
Doorblade- double rebate cutterset
MAN**HW**

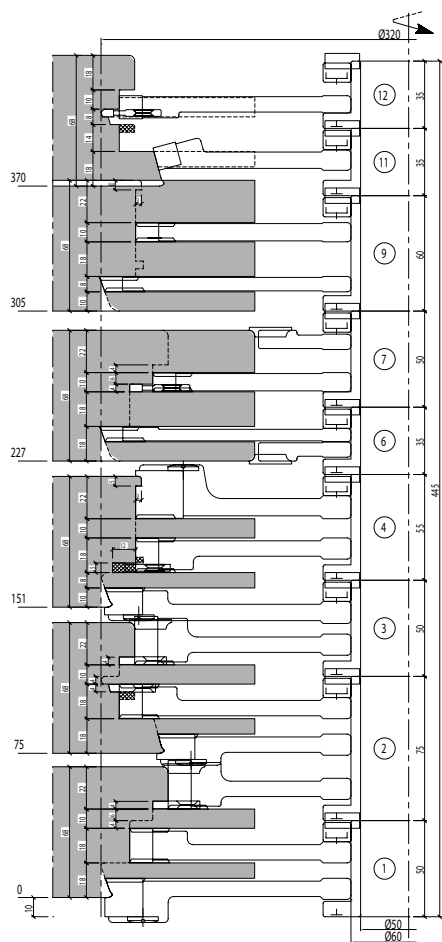
Nr.	D	B	d	Z	V	I	n min - n max	Art. Nr.
1	154	30	50	2	2	2	5000-8600	5299.154.030
2	130	50	50	2	2		5800-10000	5299.130.050
3	160	30	50	2	2		4800-8200	5299.160.030
4	140	30	50	2	2		5500-9500	5299.140.030
5	124	30	50	2	2		6400-11100	5299.124.030

- WP-Doppelfalz-Messerkopf mit Stahltragkörper zum Fräsen von Doppelfalzprofilen mit und ohne Rahmendichtung. Für Weich- und Harthölzer, Verbundwerkstoffe.
- Ausführung 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.

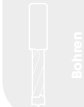
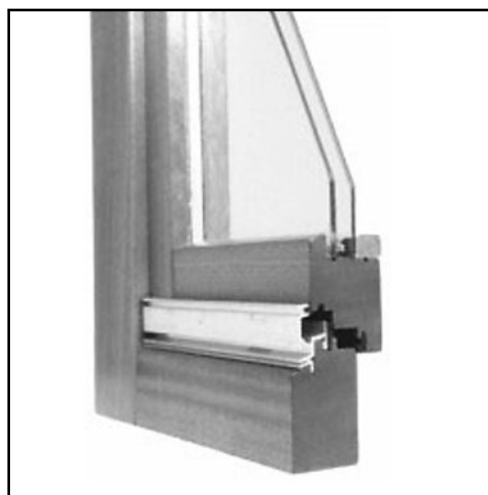
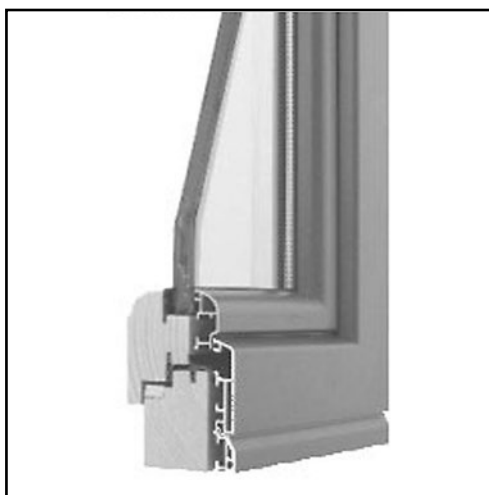

Wechselmesser/Ersatzteile
Reversible knives/Spare parts

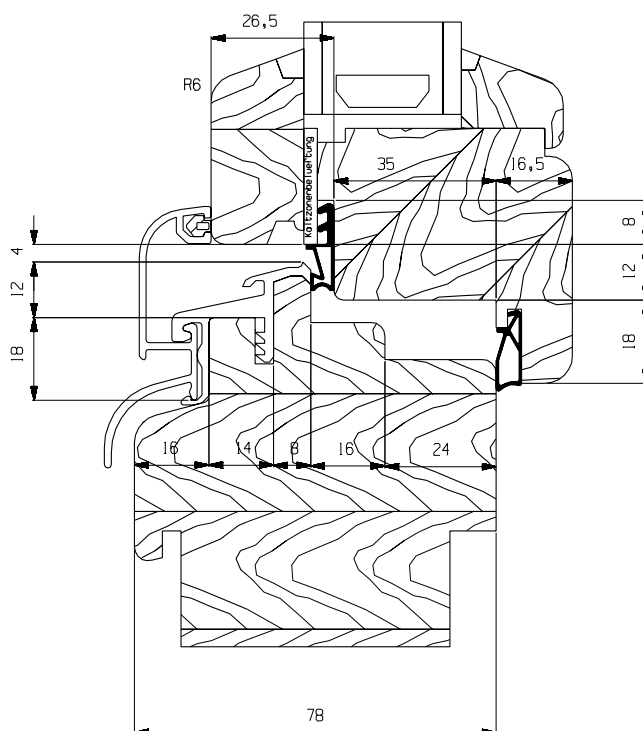
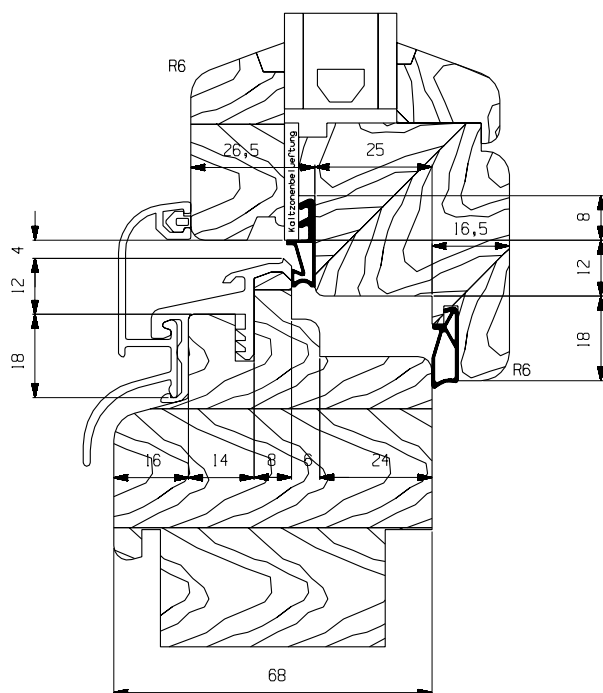
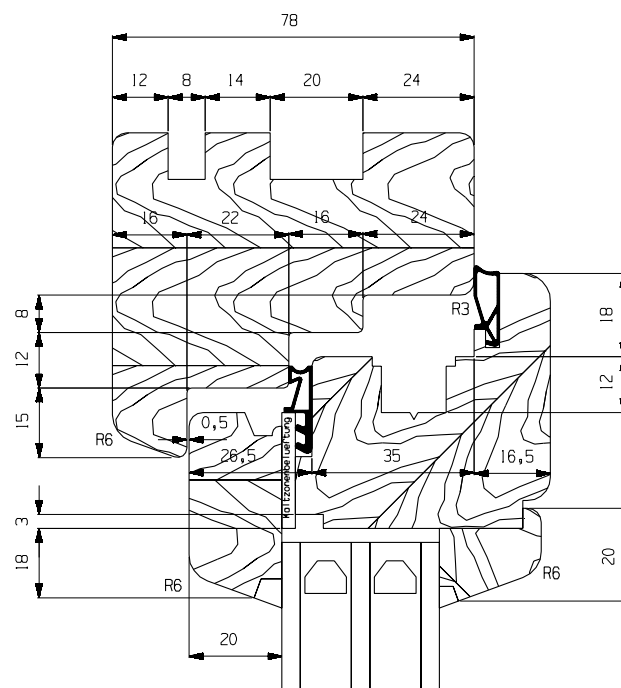
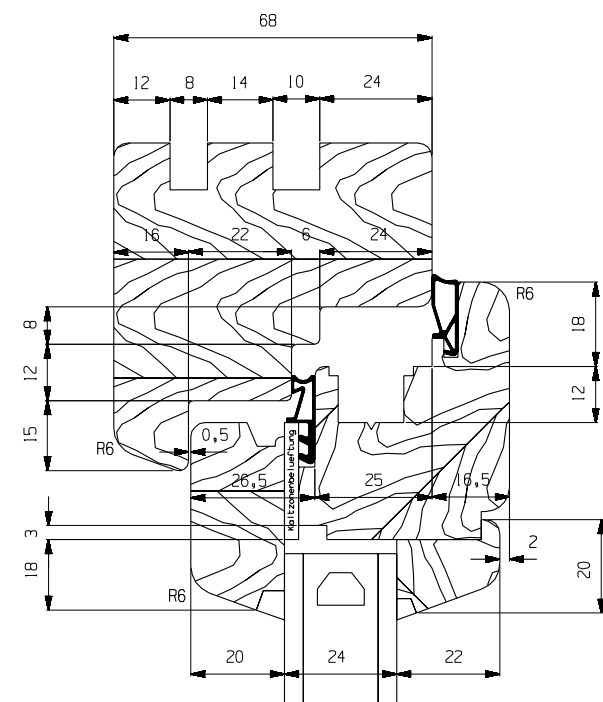
Nr.	Dim.	Art.Nr.
Wechselmesser - <i>Reversible knife</i>	30x12x1,5	750.104
	50x12x1,5	750.106
Spannkeil - <i>Clamping wedge</i>	1/3/4/5	707.002.28
	2	707.002.48
Gewindestift - <i>Screw</i>	M8x16	705.542
Vorschneider - <i>Spur</i>	2	750.111
Spannschraube - <i>Screw</i>	M5x8	705.422
Nutmesser - <i>Grooving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

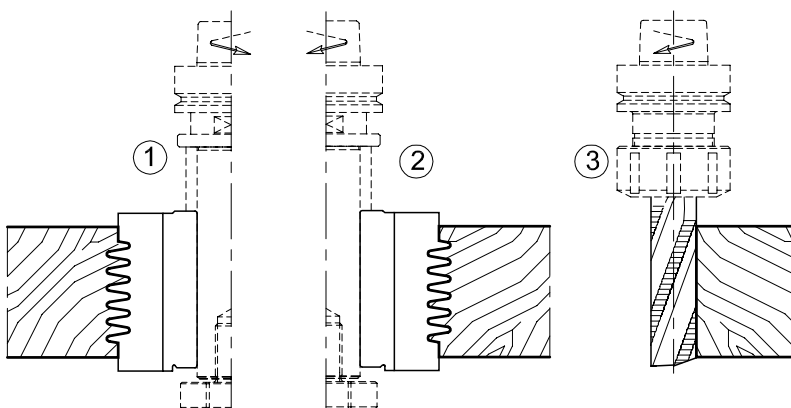
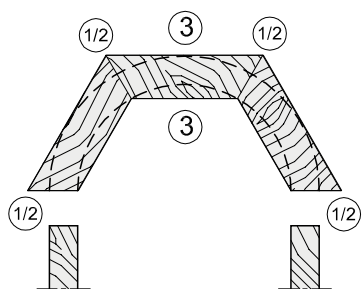
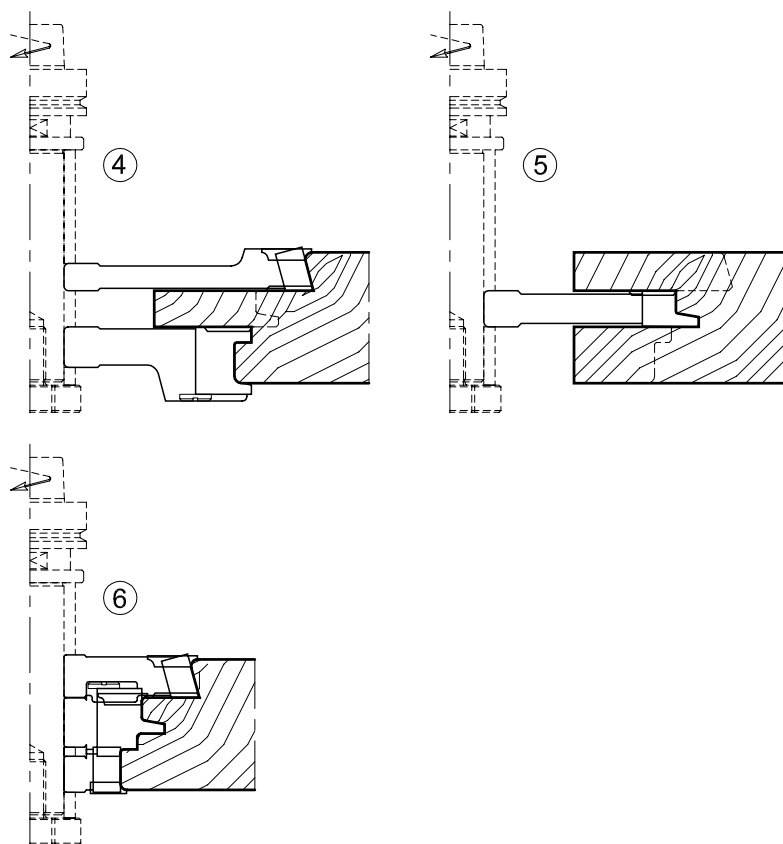
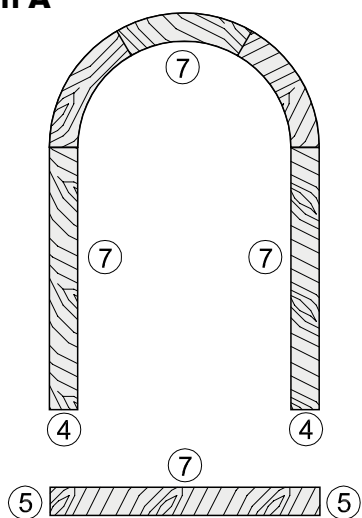
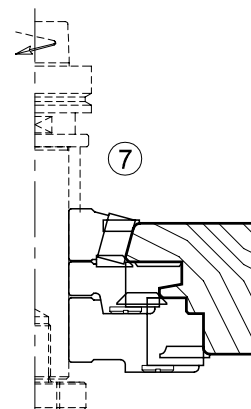
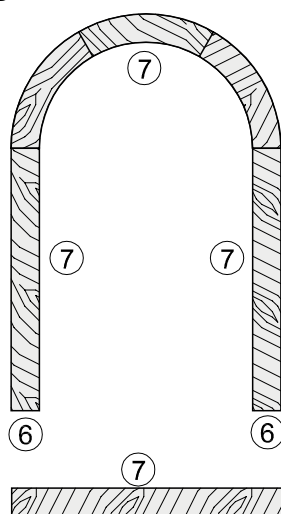
- Standardprofil P1 und weitere Profilmöglichkeiten
- *Basic profile P1 and further profile variations*

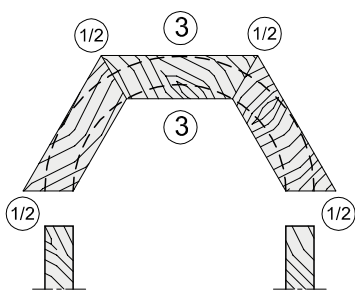
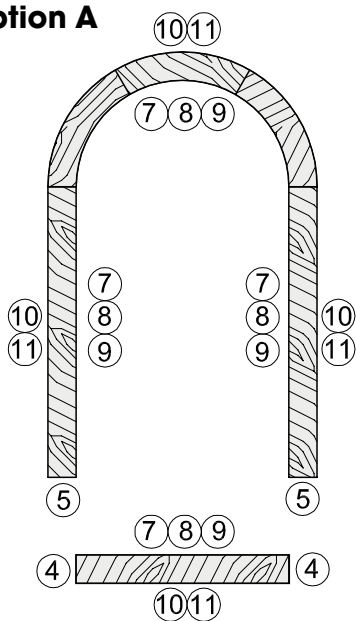
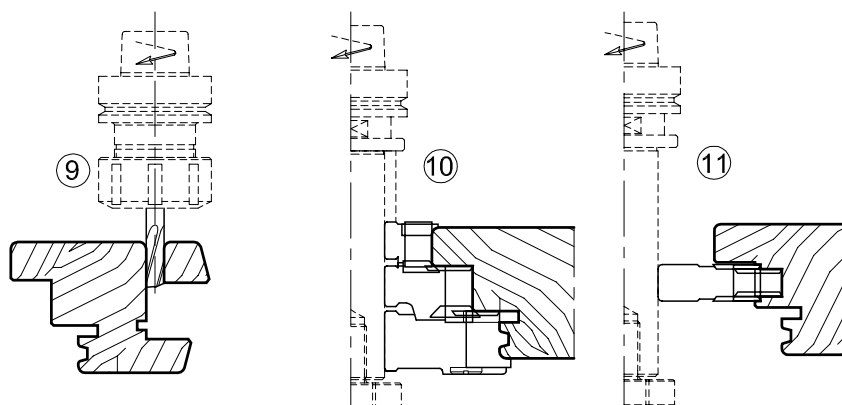
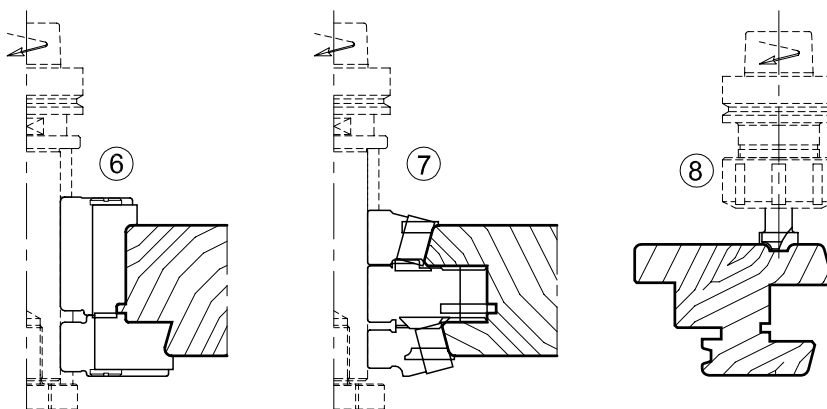
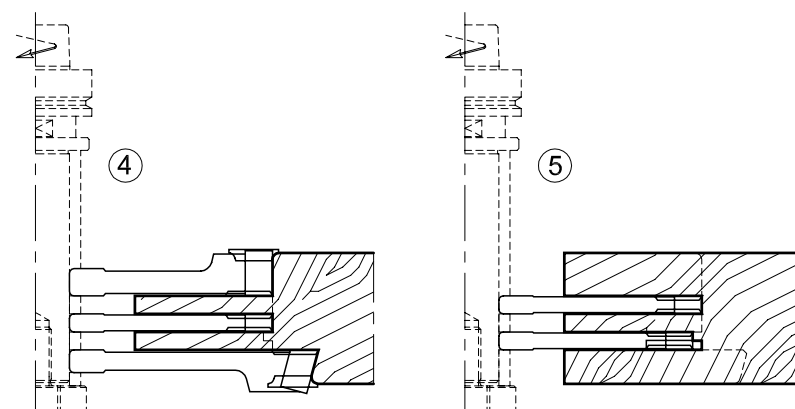
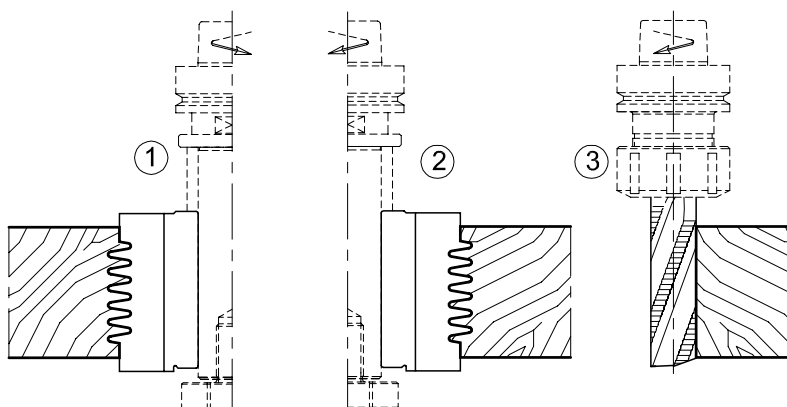
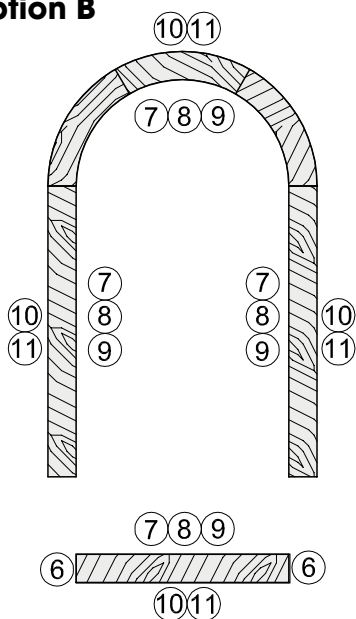


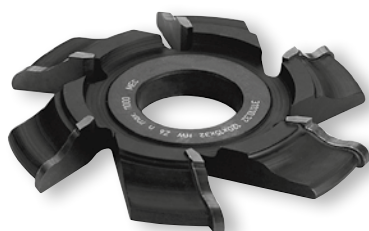
- Werkzeuge zur Fensterherstellung für alle Bearbeitungsmaschinen (manueller oder mechanischer Vorschub). Hergestellt konform zur Norm DIN EN-847-1.
- Fenstergarnituren werden auf die erforderlichen Nullabstimmungsdurchmesser aufgebaut.
- Alle Werkzeugsätze sind mit Schraubbüchsen verschraubt.
- Werkzeugsätze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





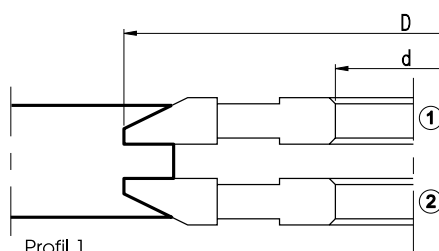

Option A

Option B


**Option A****Option B**

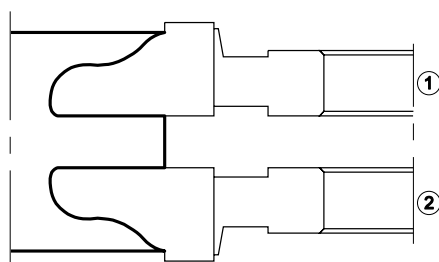
Konterprofilfräser für Aluminiumprofile
Counterprofile cutter for aluminium profiles
MEC**HW**

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

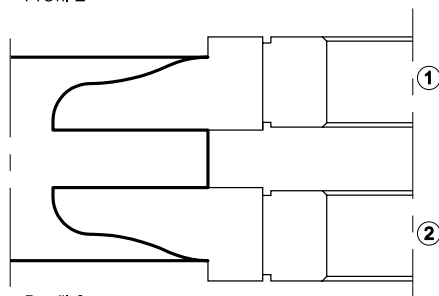
- HW-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Aluminium-Profilen.
- Drei verschiedene Profilvarianten.
- Ausführungen für mechanischen Vorschub.
- *TC-Profile tipped cutterhead with steel tool body for profiles and counter profiles in aluminium-profiles.*
- *Three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



Profil 1



Profil 2



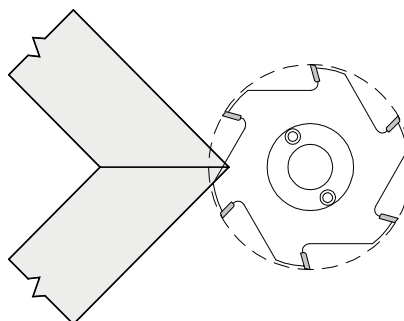
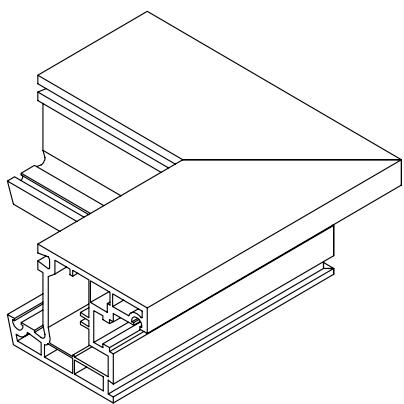
Profil 3


Verputzfräser (auf Anfrage)

Zum Überfräsen der verschweißten Gehrungsprofile

Deburring cutters (under request)

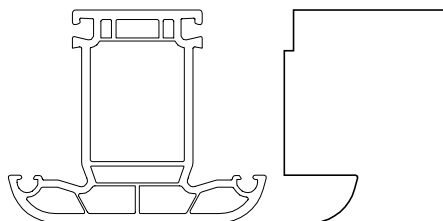
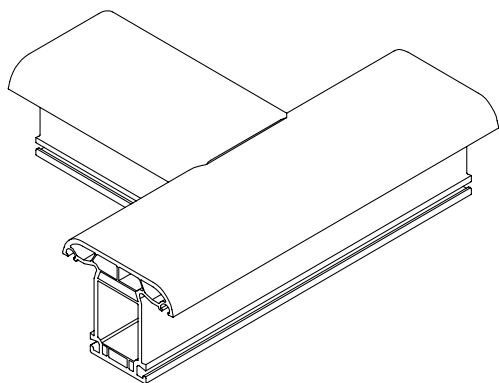
To clear welding excess on PVC windows and frames.
 Profiles compensated at 45° and set up to each job.

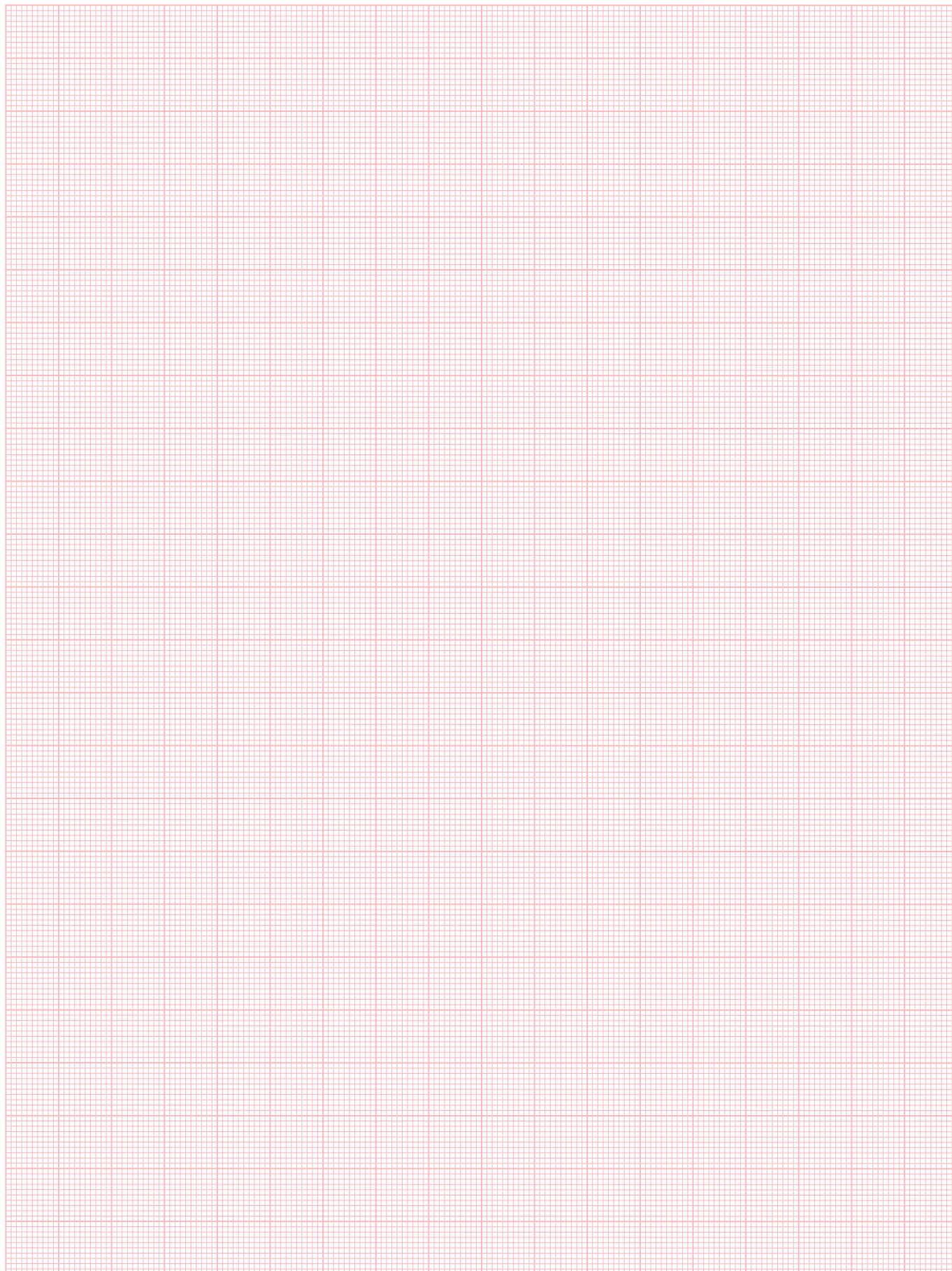

Profil-Konterprofilfräser (auf Anfrage)

Zum Fräsen von PVC-Profilen

Counterprofile cutters (under request)

For milling counter profiles a 90°.





01



02



03



04



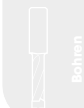
05



06



07



08



09



10



11



