

# ProChipper®



tooling systems

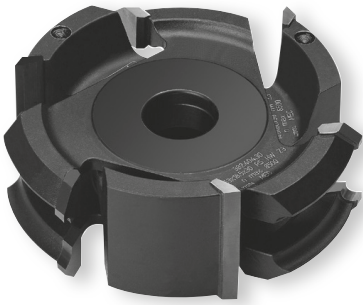


**Fräswerkzeuge mit Bohrung, profiliert**  
*Tools with bore, profiled*

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

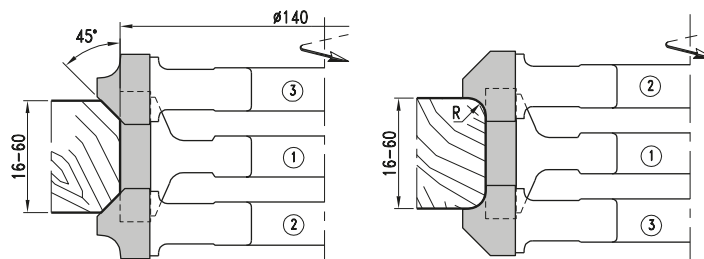
HW

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

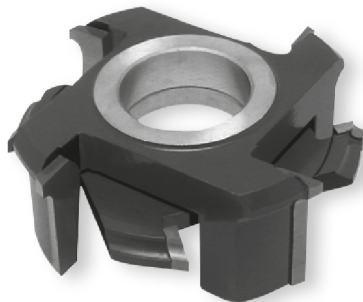


- Einstellung der Holzstärke mit Zwischenringen. Einstellbar von 16mm - 60mm Holzstärke
- Adjustment of wood-thickness with spacers. Adjustable from 16mm - 60mm wood-thickness

8284

## HW Abrund- und Fügefräsergarnitur verstellbar - Festbestückt

TC Jointing- rounding cutterset, adjustable - Tipped

PG  
02

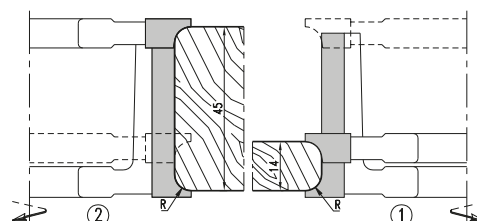
Zum Fasen bzw. Abrunden variabler Holzstärken  
For jointing and profiling a bevel or round edge on top and bottom

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

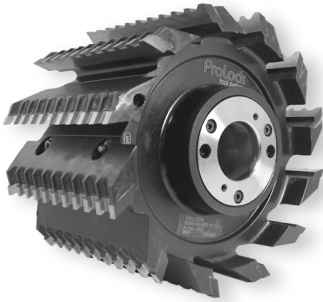
- HW-Bestückte Füge- Abrund- Fräser. Kombinations-Werkzeuge zum Fasen bzw. Abrunden variabler Holzstärken für mechanischen Vorschub
- Einstellung der Holzstärke mit Zwischenringen. Einstellbar von 14mm - 45mm Holzstärke
- TC-Tipped Jointing- rounding- cutter. Combination-tools for jointing and profiling 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

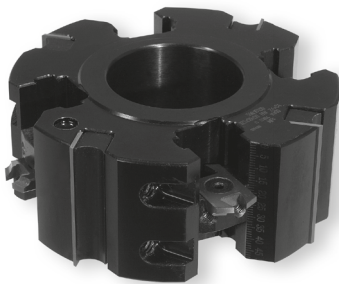
MEC

- 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

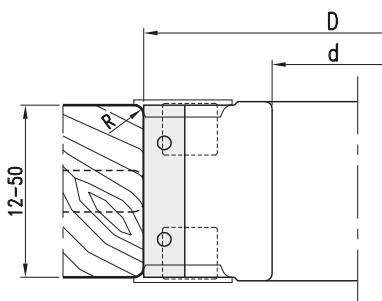
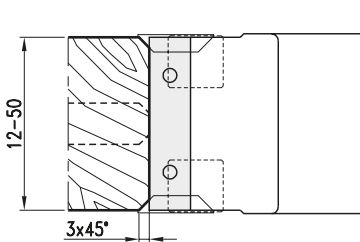
D	B	d	Z	C	n. min-max	Art. Nr.
125	50	40/50	4	4	6200-12600	4869.125.050

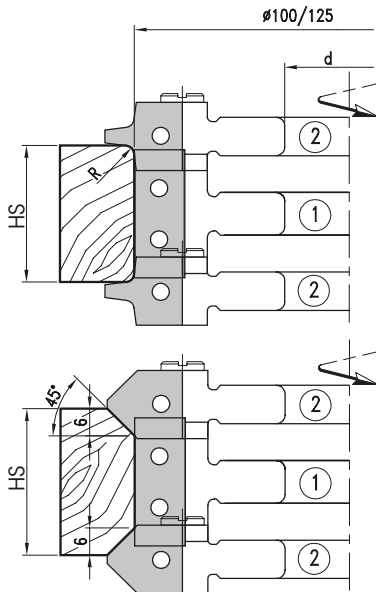
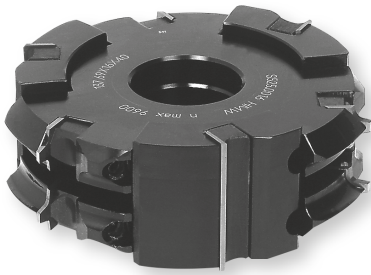
- Fasefräser für Handvorschub. WP-Fase- oder Abrundfräser. Werkzeug zum Fügen, Fasen bzw. Abrunden variabler Holzstärken für manuellen Vorschub.
- Die Einstellung der zu rundenden bzw. anzufasenden Holzstärke erfolgt über an Skala verschiebbaren Messerträgern. Einstellbar von 12mm - 50mm Holzstärke
-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



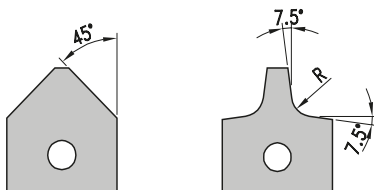


	Nr.1 (B 30)		Nr.1 (B 50)	
	HS min-max	2x(1)	HS min-max	2x(1)
R2-6/45°	12-39	703.009	16-60	703.015
R8-12/45°	20-47	703.010	20-67	703.012

(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		<b>5214.100.030</b>
1	100	50	30	2		<b>5214.100.050</b>
1	125	30	40/50	3		<b>5214.125.030</b>
1	125	50	40/50	3		<b>5214.125.050</b>
2	113	16	30	2	2,3,4,5,6 / 45°	① <b>5214.113.016</b>
2	137	16	40/50	3	2,3,4,5,6 / 45°	① <b>5214.137.016</b>
2	146	25	40/50	3	8,10 / 45°	① <b>5214.146.025</b>

① Ohne Wendemesser. Bitte Wendemesser und Zwischenringsätze mitbestellen

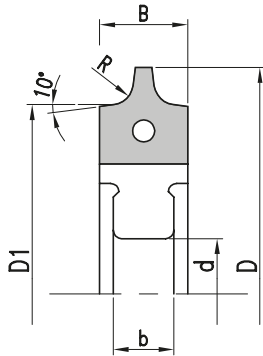
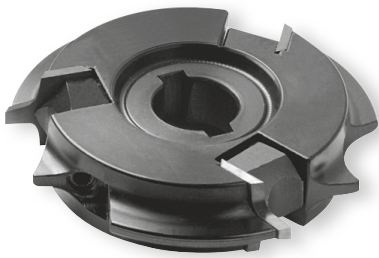
① Cutterheads without knives. Please order reversible knives and spacer sets additional

**Wendemesser/Ersatzteile**
*Reversible knives/Spare parts*

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

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



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

MEC

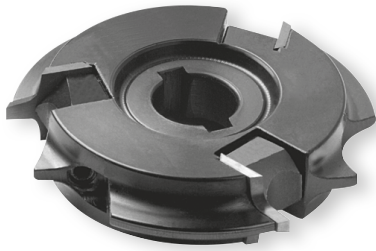
HW

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

**Wendemesser/Ersatzteile**

Reversible knives/Spare parts

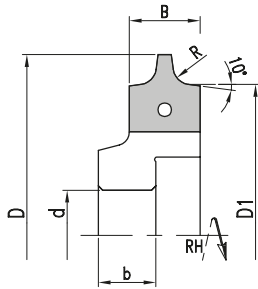
	Dim.	R	Art. Nr.
Wendemesser - Reversible knife	16x17,5x2	R 2	<b>765.101</b>
Wendemesser - Reversible knife	16x17,5x2	R 3	<b>765.102</b>
Wendemesser - Reversible knife	16x17,5x2	R 4	<b>765.103</b>
Wendemesser - Reversible knife	16x17,5x2	R 5	<b>765.104</b>
Spannkeil - Clamping wedge			<b>707.155</b>
Gewindestift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


**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
<b>IMA</b>									
82	70	16/13	20	6x3,5	2	4	18000	<b>5174.082.002</b>	<b>5174.082.102</b>
	70	16/13	20	6x3,5	3	4	18000	<b>5174.082.003</b>	<b>5174.082.103</b>
	70	16/13	20	6x3,5	4	4	18000	<b>5174.082.004</b>	<b>5174.082.104</b>
	70	16/13	20	6x3,5	5	4	18000	<b>5174.082.005</b>	<b>5174.082.105</b>

**Wendemesser/Ersatzteile***Reversible knives/Spare parts*

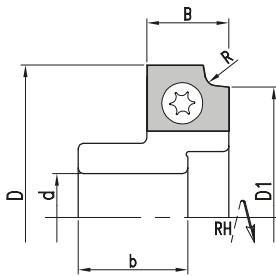
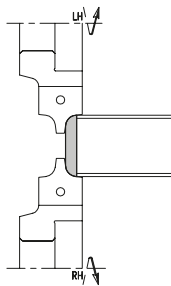
	Dim.	R	Art. Nr.
Wendemesser - <i>Reversible knife</i>	16x17,5x2	R 2	<b>765.101</b>
Wendemesser - <i>Reversible knife</i>	16x17,5x2	R 3	<b>765.102</b>
Wendemesser - <i>Reversible knife</i>	16x17,5x2	R 4	<b>765.103</b>
Wendemesser - <i>Reversible knife</i>	16x17,5x2	R 5	<b>765.104</b>
Spannkeil - <i>Clamping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

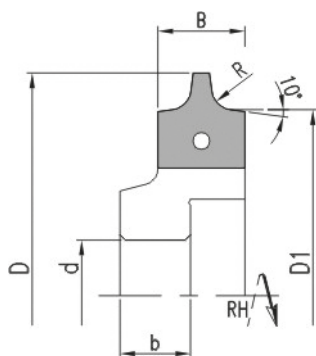

**WP-Abrundfräser zum Abrunden der Anleimerkante an Kantenbearbeitungsanlagen**  
*TC-Rounding-cutter with reversible knives. For rounding edge bandings on edge processing units*
**MEC****HW**

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

**Wendemesser/Ersatzteile***Reversible knives/Spare parts*

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





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

MEC

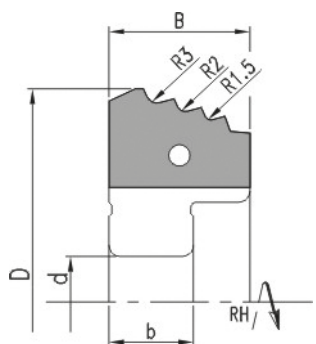
HW

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

**Wendemesser/Ersatzteile**

Reversible knives/Spare parts

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



**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
<b>Biese</b>								
75	25	20	6x3,5	1,5/2/3	4	18000	<b>5174.075.002</b>	<b>5174.075.102</b>

**Wendemesser/Ersatzteile**

Reversible knives/Spare parts

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



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

MEC

HW

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

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

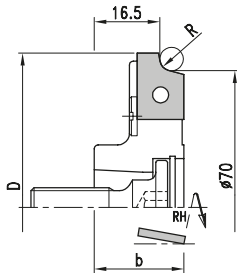
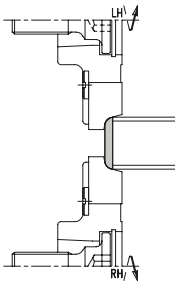
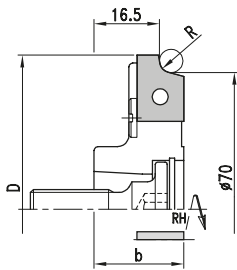
	R	Dim.	Art. Nr. RH	Art.Nr. LH
Wendemeser - <i>Reversible knife</i>	2	12x17x2	<b>765.201</b>	<b>765.202</b>
	3	12x17x2	<b>765.203</b>	<b>765.204</b>
	4	12x20x2	<b>765.205</b>	<b>765.206</b>
	5	12x20x2	<b>765.207</b>	<b>765.208</b>
Spannkeil - <i>Clamping wedge</i>			<b>707.900.01</b>	<b>707.900.02</b>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

**Ausführung mit ziehendem Schnitt***With axial angle*

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

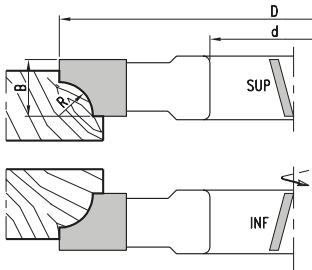
**Wechselmesser/Ersatzteile***Reversible knives/Spare parts*

	R	Dim.	Art. Nr. RH	Art.Nr. LH
Wendemeser - <i>Reversible knife</i>	2	12x17x2	<b>765.209</b>	<b>765.210</b>
	3	12x17x2	<b>765.211</b>	<b>765.212</b>
Spannkeil - <i>Clamping wedge</i>			<b>707.902.03</b>	<b>707.902.04</b>
Gewindestift - <i>Screw</i>		M6x12		<b>705.533</b>
Spannschraube für - <i>Screw for HSK25R</i>		M10x1,25		<b>705.099</b>
Sechskantschlüssel - <i>T Wrench</i>		SW10		<b>706.107</b>

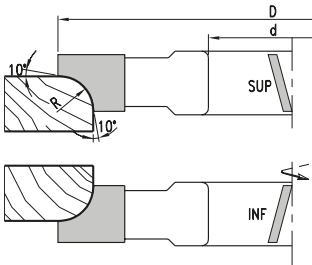


- Mit ziehendem Schnitt
- With axial angle





- 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	<b>8619.140.012</b>	<b>8619.140.112</b>
	14	30/50	4	7	5500-9500	<b>8619.140.014</b>	<b>8619.140.114</b>
	15	30/50	4	8	5500-9500	<b>8619.140.015</b>	<b>8619.140.115</b>
	17	30/50	4	10	5500-9500	<b>8619.140.017</b>	<b>8619.140.117</b>
	19	30/50	4	12	5500-9500	<b>8619.140.019</b>	<b>8619.140.119</b>
	22	30/50	4	15	5500-9500	<b>8619.140.022</b>	<b>8619.140.122</b>
	27	30/50	4	20	5500-9500	<b>8619.140.027</b>	<b>8619.140.127</b>
150	33	30/50	4	25	5200-8900	<b>8619.150.033</b>	<b>8619.150.133</b>
160	40	30/50	4	30	4800-8300	<b>8619.160.040</b>	<b>8619.160.140</b>
180	50	30/50	4	40	4300-7400	<b>8619.180.050</b>	<b>8619.180.150</b>

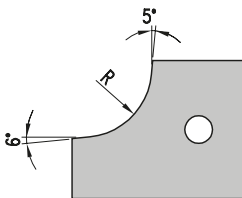
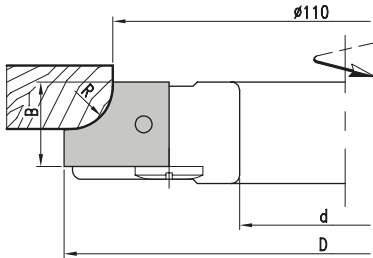
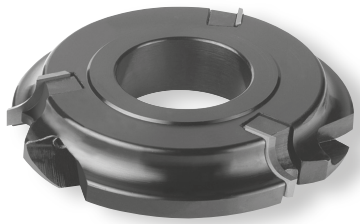
- Ausführung zum Kehlen für manuellen Vorschub. Ausführung ohne Auslauf.
- Layout for concave fillets and manual feed. Type without profile relief.

**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	<b>8619.140.212</b>	<b>8619.140.312</b>
	14	30/50	4	7	5500-9500	<b>8619.140.214</b>	<b>8619.140.314</b>
	15	30/50	4	8	5500-9500	<b>8619.140.215</b>	<b>8619.140.315</b>
	17	30/50	4	10	5500-9500	<b>8619.140.217</b>	<b>8619.140.317</b>
	19	30/50	4	12	5500-9500	<b>8619.140.219</b>	<b>8619.140.319</b>
	22	30/50	4	15	5500-9500	<b>8619.140.222</b>	<b>8619.140.322</b>
	27	30/50	4	20	5500-9500	<b>8619.140.227</b>	<b>8619.140.327</b>
150	33	30/50	4	25	5200-8900	<b>8619.150.233</b>	<b>8619.150.333</b>
160	40	30/50	4	30	4800-8300	<b>8619.160.240</b>	<b>8619.160.340</b>
180	50	30/50	4	40	4300-7400	<b>8619.180.250</b>	<b>8619.180.350</b>

- 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

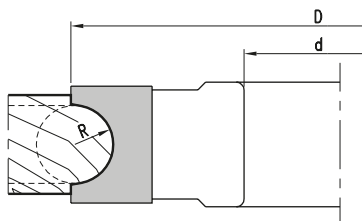
D	B	d	Z	R	n. min-n.max	Art. Nr.
125,5	20	30/50	3	5/7	6100-10500	① <b>4119.126.020</b>
132,5	20	30/50	3	8/10	5800-10000	① <b>4119.133.020</b>
141,0	25	30/50	3	12/15	5400-9400	① <b>4119.141.025</b>

- 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 - <i>Reversible knife</i>	5	20x20x2	<b>775.201</b>
	7	20x20x2	<b>775.202</b>
	8	20x25x2	<b>775.203</b>
	10	20x25x2	<b>775.204</b>
	12	25x30x2	<b>775.205</b>
Spannkeil - <i>Clamping wedge</i>	15	25x30x2	<b>775.206</b>
	5/7		<b>707.180</b>
	8/10		<b>707.181</b>
Gewindestift - <i>Screw</i>	12/15		<b>707.182</b>
		M8x16	<b>705.542</b>
Sechskantschlüssel - <i>T Wrench</i>		SW4	<b>706.104</b>


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

MAN

HW

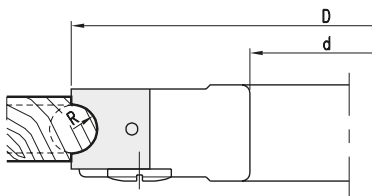
D	B	d	Z	R	n. min-n.max	Art. Nr.
140	26	30/50	4	6	5500-9500	<b>8119.140.026</b>
28	30/50	4	7,5	5500-9500	<b>8119.140.028</b>	
30	30/50	4	10	5500-9500	<b>8119.140.030</b>	
40	30/50	4	12,5	5500-9500	<b>8119.140.040</b>	
45	30/50	4	15	5500-9500	<b>8119.140.045</b>	
50	30/50	4	17,5	5500-9500	<b>8119.140.050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

- 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

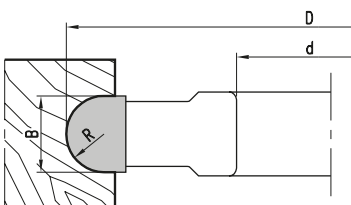
Reversible knives/Spare parts

	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

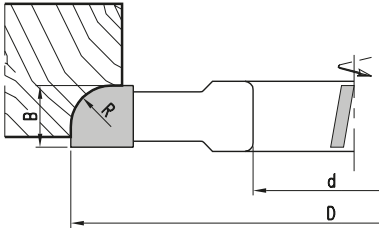
D	B	d	Z	R	n. min-n.max	Art. Nr.
140	5	30/50	4	2,5	5500-9500	8184.140.005
	6	30/50	4	3,0	5500-9500	8184.140.006
	8	30/50	4	4,0	5500-9500	8184.140.008
	10	30/50	4	5,0	5500-9500	8184.140.010
	12	30/50	4	6,0	5500-9500	8184.140.012
	15	30/50	4	7,5	5500-9500	8184.140.015
	20	30/50	4	10,0	5500-9500	8184.140.020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

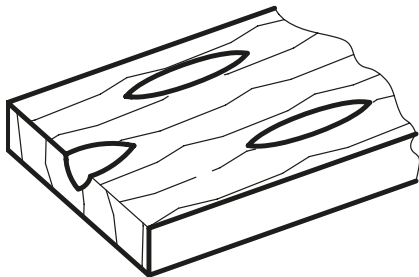
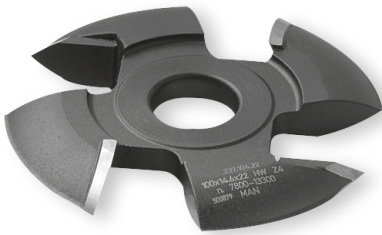
D	B	d	Z	R	n. min-n.max	Art. Nr.
140	10	30/50	4	5	5500-9500	<b>8679.140.010</b>
	15	30/50	4	10	5500-9500	<b>8679.140.015</b>
	20	30/50	4	15	5500-9500	<b>8679.140.020</b>
	25	30/50	4	20	5500-9500	<b>8679.140.025</b>

- 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

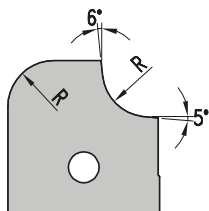
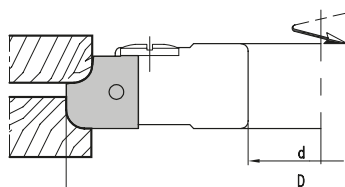
**Zum Ausfräsen von verharzten oder beschädigten Stellen mit Handmaschine**  
TC-Tipped resin pocket cutter fits f.ex. to repair system Lamello MINISPOT 8mm

MAN

HW

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

- 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 <b>4189.140.020</b>
	25	30/50	3	8/10	5500-9500	① <b>4189.140.025</b>

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





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

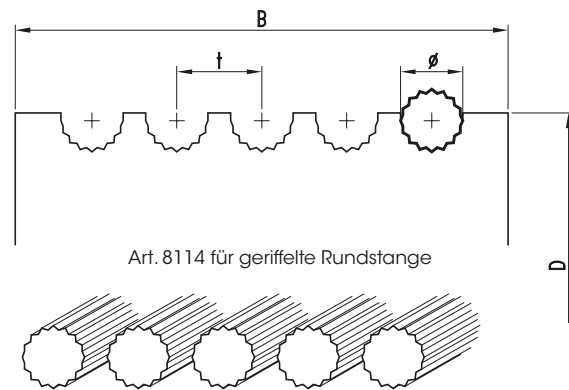
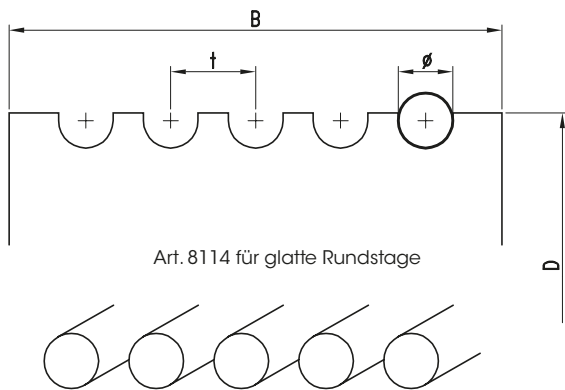
MAN

HW

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

- 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*

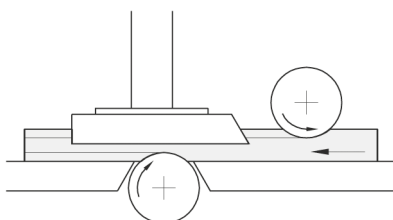


HS

	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

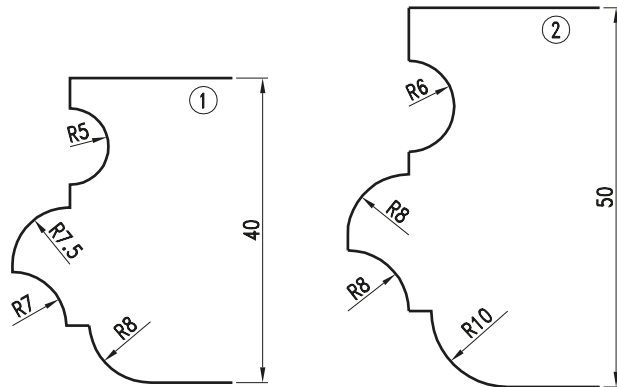
MAN

HW

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

- 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

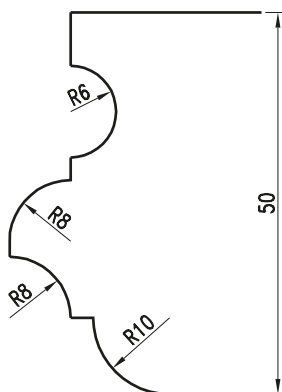
D	B	d	Z	n. min-n.max	Art.Nr.
140	50	30/50	2	5500-9500	① <b>9199.140.050</b>

- 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

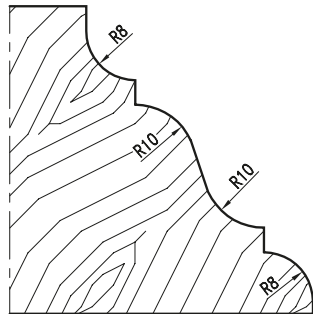
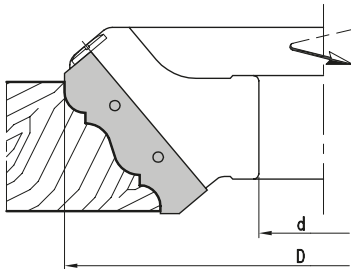
	Dim.	Art.Nr.
Wechselsmesser - Reversible knife	50x30x2	<b>785.771</b>
Spannkeil - Clamping wedge		<b>707.952</b>
Gewindestift - Screw	M8x16	<b>705.542</b>
Sechskantschlüssel - T Wrench	SW4	<b>706.104</b>

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



- Profilbeispiel
- *profile example*





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

MAN

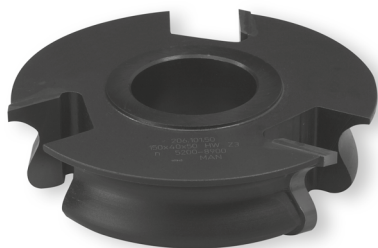
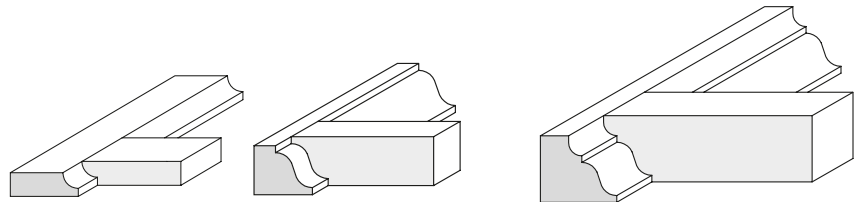
HW

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



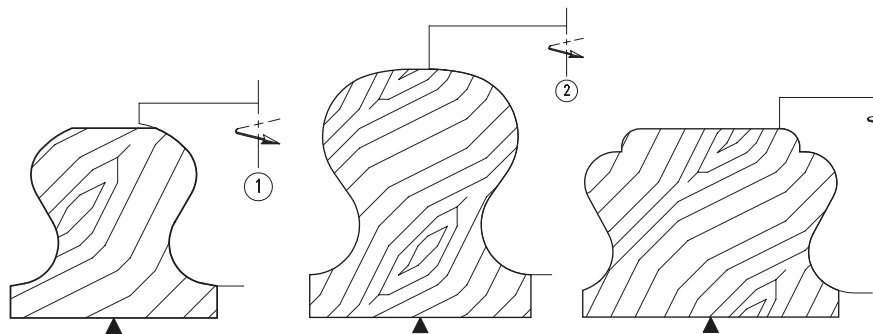
**Fräswerkzeuge mit Bohrung, profiliert**  
 Tools with bore, profiled

MAN

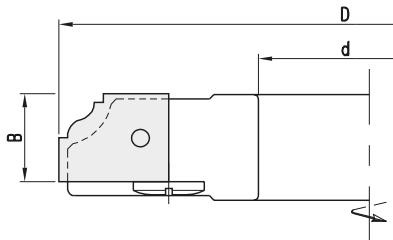
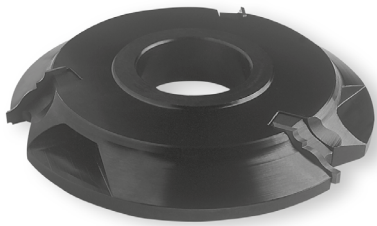
HW

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

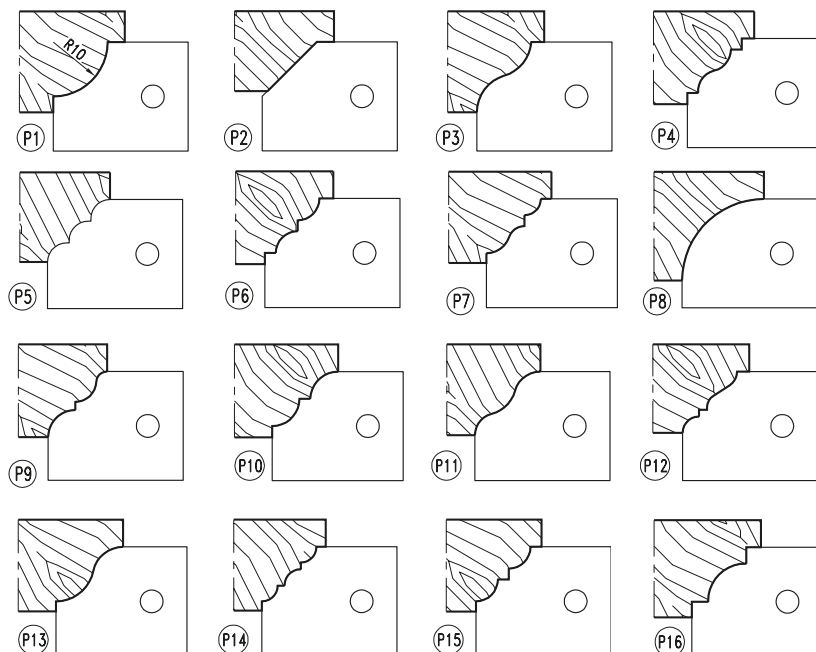
D	B	d	Z	n.min-n.max	Art.Nr. LH
140	20	50	3	9500	9114.140.020

- 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

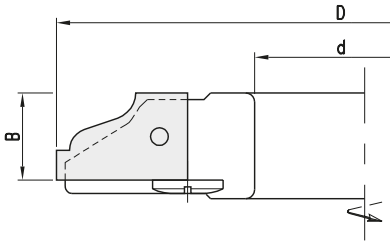
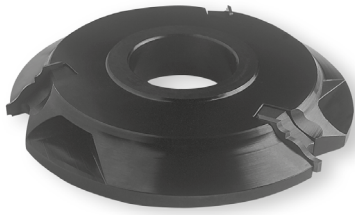
- Blanketts nach Kundenwunsch frei profilierbar
- *Individual design of profile blanks*



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**



• Typ B: Standardblankett  
 • Type B: standard blank

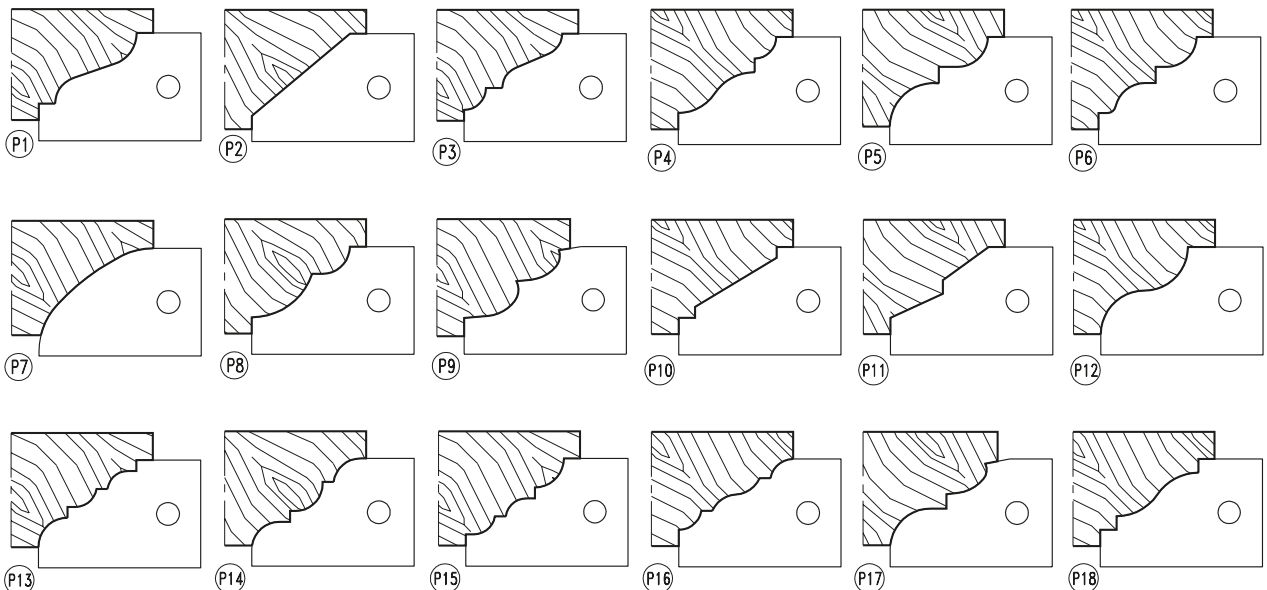
D	B	d	Z	n.min-n.max	Art.Nr. LH
140	20	50	3	9500	4134.140.020

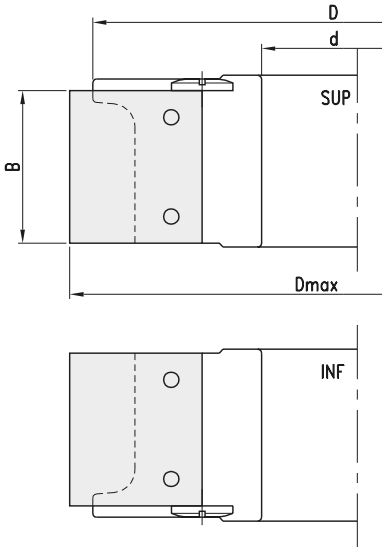
- Ohne Wechselmesser
- HW-Sonderprofilmesser können ca. 3-4 Monate nachgeschärft werden
- Ausführung für mechanischen Vorschub
- *Cutterheads without reversible knives*
- *TC-Special profile knives are resharpenable 3 to 4 times*
- *Layout for mechanical feed*

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

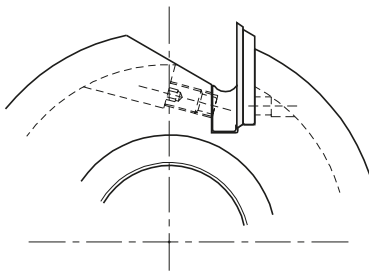
	P	Dim.	Art.Nr.
Wechselmesser - <i>Reversible knife</i>	1	20x30x2	785.651
	2	20x30x2	785.652
	3	20x30x2	785.653
	4	20x30x2	785.654
	5	20x30x2	785.655
	6	20x30x2	785.656
	7	20x30x2	785.657
	8	20x30x2	785.658
	9	20x30x2	785.659
	10	20x30x2	785.660
	11	20x30x2	785.661
	12	20x30x2	785.662
	13	20x30x2	785.663
	14	20x30x2	785.664
	15	20x30x2	785.665
	16	20x30x2	785.666
	17	20x30x2	785.667
	18	20x30x2	785.668
Spannkeil - <i>Clamping wedge</i>			707.086
Gewindestift - <i>Screw</i>		M8x16	705.542
Sechskantschlüssel - <i>T Wrench</i>		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	<b>9184.138.040</b>
	50	30/50	3	9000	<b>9184.138.050</b>
	60	30/50	3	9000	<b>9184.138.060</b>

- 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	<b>707.300.38</b>
	50	<b>707.300.48</b>
	60	<b>707.300.58</b>
Gewindestift - Screw	M8x16	<b>705.542</b>
Sechskantschlüssel - T Wrench	SW4	<b>706.104</b>

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

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

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

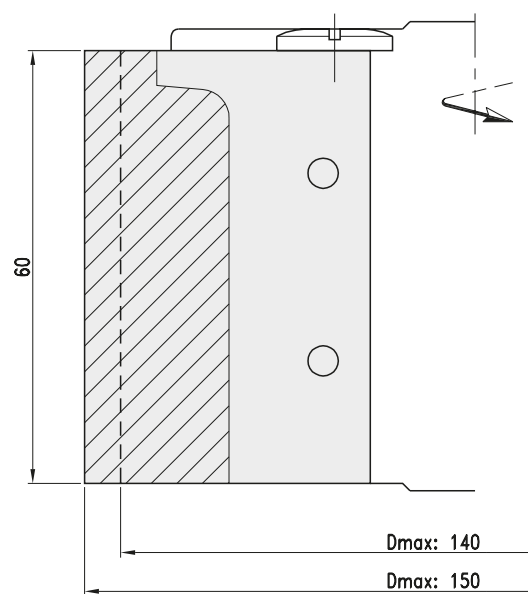
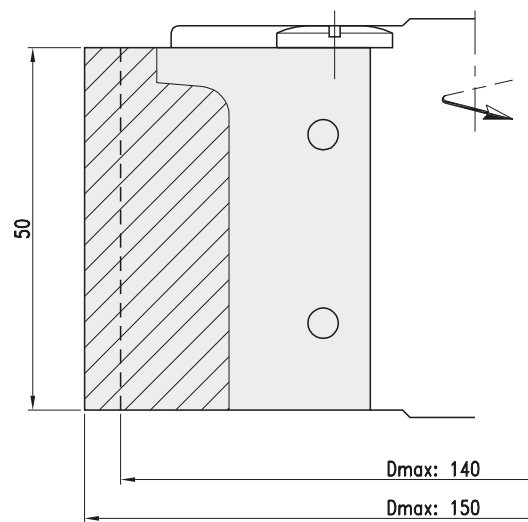
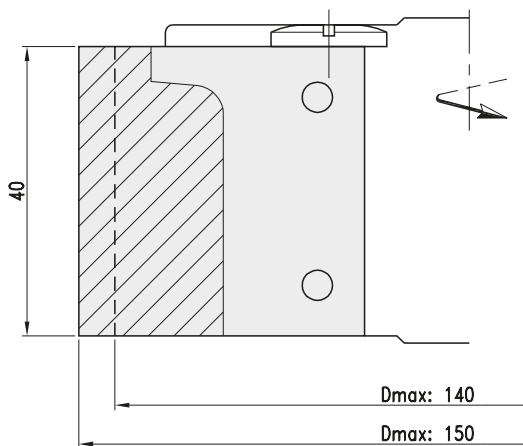




Profilerzone (1:1)  
 Available area for profiling (1:1)

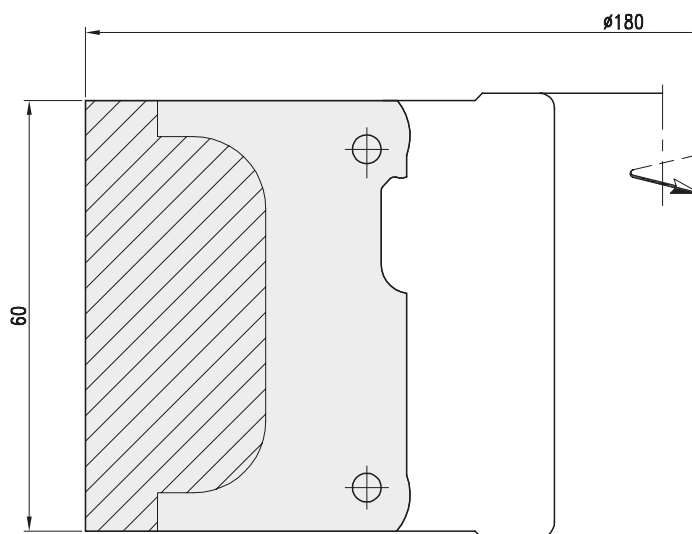
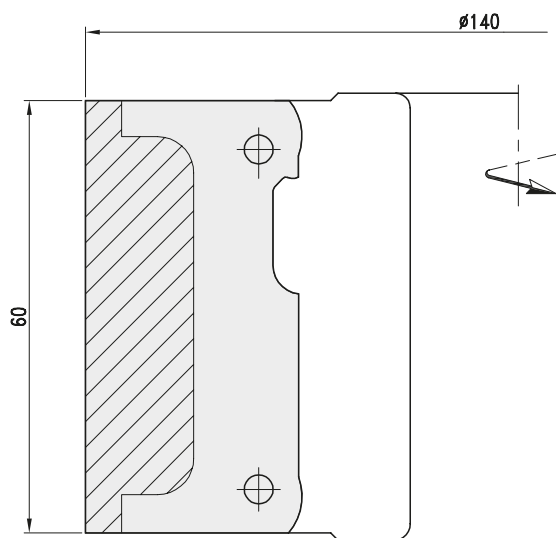
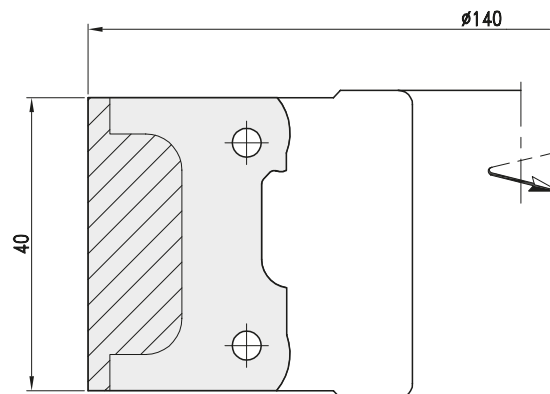
- Alle Blanketts auch im System 2-Punkt Auflage erhältlich
- On request we supply all reversible knives with 2-point seating

Typ E • Type E



- Standardblankett
- Standard blank

Typ C • Type C



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



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	2412.090.160
	80	HSK85WS	2	1200	● 2412.090.080	2412.090.180
	100	HSK85WS	2	1200	● 2412.090.100	2412.090.200
	130	HSK85WS	2	1200	● 2412.090.130	2412.090.230
	150	HSK85WS	2	1200	● 2412.090.150	2412.090.250
	170	HSK85WS	2	1200	● 2412.090.170	2412.090.270
	190	HSK85WS	2	1200	● 2412.090.190	2412.090.290
	210	HSK85WS	2	1200	● 2412.090.210	2412.090.310
	240	HSK85WS	2	1200	● 2412.090.240	2412.090.340
90	60	HSK85WS	4	1200	● 2412.090.062	2412.090.162
	80	HSK85WS	4	1200	● 2412.090.082	2412.090.182
	100	HSK85WS	4	1200	● 2412.090.102	2412.090.202
	130	HSK85WS	4	1200	● 2412.090.132	2412.090.232
	150	HSK85WS	4	1200	● 2412.090.152	2412.090.252
	170	HSK85WS	4	1200	● 2412.090.172	2412.090.272
	190	HSK85WS	4	1200	● 2412.090.192	2412.090.292
	210	HSK85WS	4	1200	● 2412.090.212	2412.090.312
	240	HSK85WS	4	1200	● 2412.090.242	2412.090.342

- Ohne rückenverzahnte Hobelmesser  
Cutterhead supplied without knives
- Bei Verwendung der Standard-Spannkeile passen RVZ-Messer der Stärken 8mm - 10mm.
- Zum Spannen von schwächeren RVZ-Messern als 8mm sind Sonder-Spannkeile zu verwenden.
- Bearbeitung abrasiver Werkstoffe durch die Verwendung des verschleißfesten HW-Massiv-Messersystems mit Mikroverzahnung. Siehe Kapitel Ersatzteile.
- The use of standard-clamping wedges of serrated knives with thickness of 8mm - 10mm. To clamp serrated knives with smaller thickness than 8mm, special clamping wedges have to be used. Machining of abrasive materials by using TC-solid knife system with micro serrations. See chapter spare parts.
- Art. 2412: Maximale Profiltiefen in Abhängigkeit der Messerhöhe H

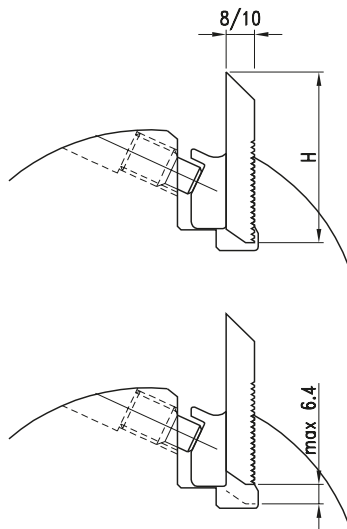
H	Pi max	
	HS	HW
50	20	20
60	28	20/25*
70	38	24/35*

\*System Mikroverzahnung  
 \*Microserrated system

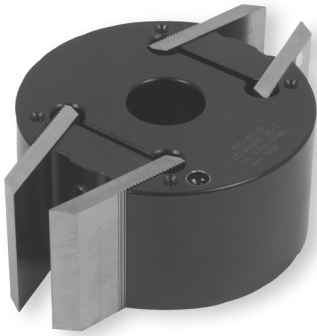
#### Ersatzteile

Spare parts

	Dim.	Art.Nr.
Gewindestift - Screw	M8x16	705.556
	M10x20	705.552
Sechskantschlüssel - T Wrench	SW4	706.106



- Ohne rückenverzahnte Hobelmesser
- Cutterhead supplied without knives


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

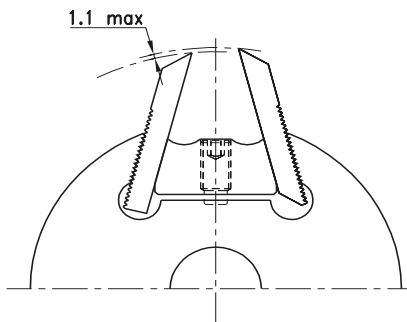
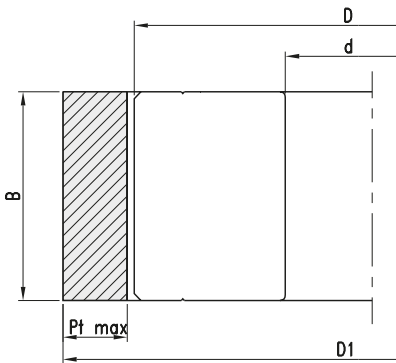
D	B	d	Z	n min - n max	Art.Nr.
122	40	30/40	2+2	4300-7400	<b>2119.122.040</b>
	60	30/40	2+2	4300-7400	<b>2119.122.060</b>
	80	30/40	2+2	4300-7400	<b>2119.122.080</b>
	100	30/40	2+2	4300-7400	<b>2119.122.100</b>
137	40	50	2+2	4000-6800	<b>2119.137.040</b>
	60	50	2+2	4000-6800	<b>2119.137.060</b>
	80	50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

- 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 - <i>Clamping wedge</i>	40	<b>707.853.40</b>
	60	<b>707.853.60</b>
	80	<b>707.853.80</b>
	100	<b>707.853.100</b>
Gewindestift - <i>Screw</i>	M12x20	<b>705.556</b>
	M10x20	<b>705.552</b>
Sechskantschlüssel - <i>T Wrench</i>	SW6	<b>706.106</b>

- 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.*

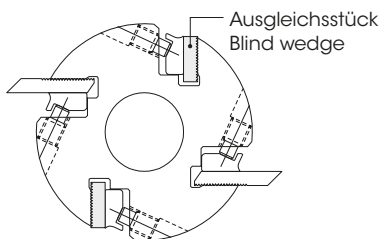
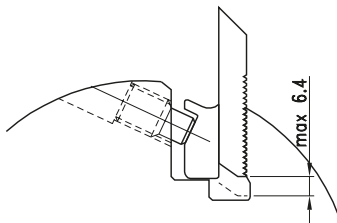
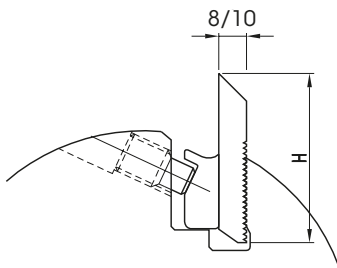
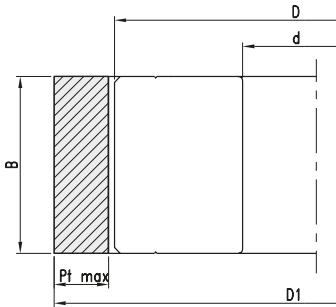


Art. 2119:  
 Flugkreisdurchmesser, max. Profiltiefe in Abhängigkeit  
 von Fräserdurchmesser D und Messerhöhe H

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

\* System Mikroverzahnung

\* *Microserrated system*



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	<b>2114.122.040</b>
	60	40	2	9000	<b>2114.122.060</b>
	80	40	2	9000	<b>2114.122.080</b>
122	40	40	4	9000	<b>2114.122.140</b>
	60	40	4	9000	<b>2114.122.160</b>
	80	40	4	9000	<b>2114.122.180</b>
100	40	40	4	9000	<b>2114.122.100</b>
	130	40	4	9000	<b>2114.122.130</b>
	150	40	4	9000	<b>2114.122.150</b>
180	40	40	4	9000	<b>2114.122.280</b>
	230	40	4	9000	<b>2114.122.230</b>
	137	40	50	4	9000
137	60	50	4	9000	<b>2114.137.060</b>
	80	50	4	9000	<b>2114.137.080</b>
	100	50	4	9000	<b>2114.137.100</b>
130	40	50	4	9000	<b>2114.137.130</b>
	150	50	4	9000	<b>2114.137.150</b>
	180	50	4	9000	<b>2114.137.180</b>

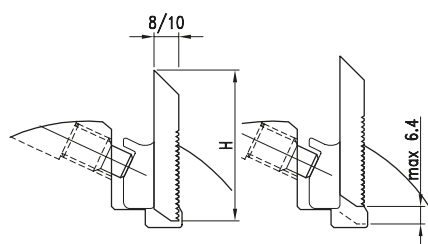
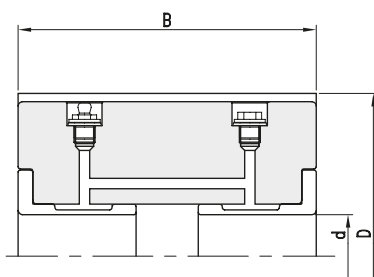
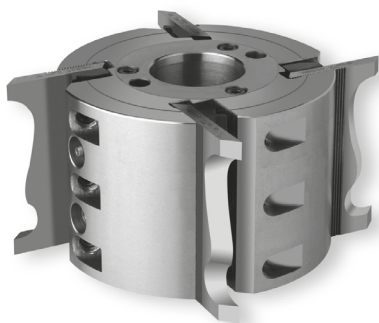
- Ohne RVZ Messer  
*Cutterhead without knives*
- Hochgenaue Messerspannung durch 60° verzahnte Messer. Große Auswahl verschiedener Schneidstoffe für optimale Anpassung an den Werkstückstoff. Ausführung für manuellen Vorschub.
- High-precision clamped 60° serrated back knives. Wide selection of different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

**Ersatzteile**  
*Spare parts*

	Dim.	Art.Nr.
Spankeil - Clamping wedge	40	<b>707.430</b>
	60	<b>707.431</b>
	80	<b>707.432</b>
	100	<b>707.433</b>
	130	<b>707.435</b>
	150	<b>707.436</b>
Ausgleichsstück - Blind wedge	180	<b>707.437</b>
	230	<b>707.439</b>
	40	<b>707.330</b>
	60	<b>707.331</b>
	80	<b>707.332</b>
	100	<b>707.333</b>
Gewindestift - Screw	130	<b>707.334</b>
	150	<b>707.335</b>
	180	<b>707.336</b>
	230	<b>707.337</b>
	M12x20	<b>705.556</b>
	M10x20	<b>705.552</b>
Sechskantschlüssel - T Wrench	SW6	<b>706.106</b>

H	D1		Pt max	
	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				Pf 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
	M10x20	705.552
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 - Wechselsmesser**  
*SP Universal profilecutter - Reversible knife*

**PG**  
**02**



**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 - <i>With 2 rebate knives</i>						
100	40	30	2		9000	<b>2184.100.040</b>
120	40	50	2		9000	<b>2184.120.040</b>
Kompletter Messersatz mit Holzkiste - <i>Set complete in wooden box</i>						
100	40	30	2	1-6	9000	<b>2184.100.140</b>
	40	30	2	1-12	9000	<b>2184.100.240</b>
	40	30	2	9/12/14/15/19/36	9000	<b>2184.100.340</b>
120	40	50	2	1-6	9000	<b>2184.120.140</b>
	40	50	2	1-12	9000	<b>2184.120.240</b>
	40	50	2	9/12/14/15/19/36	9000	<b>2184.120.340</b>

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

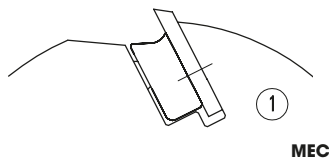
**Typ 2 Universal-Profilmesserkopf mit Stahltragkörper für 40mm breite Profilmesser und Abweiser**  
*Type 2 profile cutterhead with steel body to use 40mm profile knives and limitors*

**MAN**

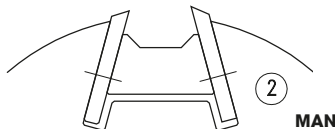
**HW**

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

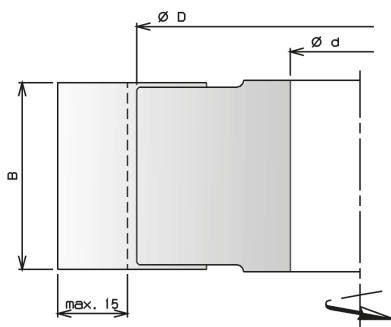
- Auswahl unterschiedlicher Standard-Profile verfügbar.
- Ausführung für manuellen Vorschub.
- *Wide selection of different standard-profiles available.*
- *Layout for manual feed*



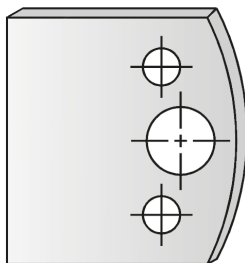
**MEC**



**MAN**



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

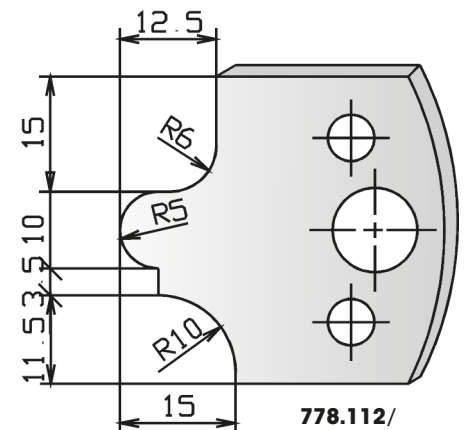
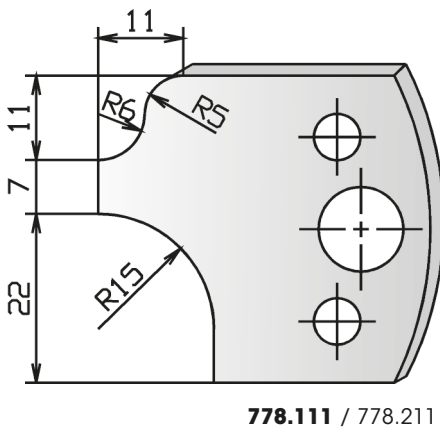
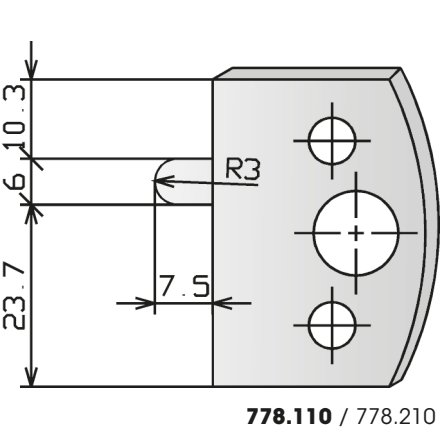
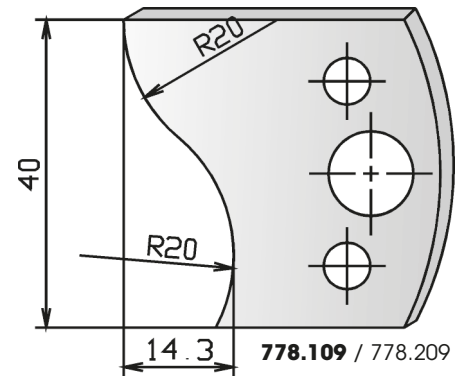
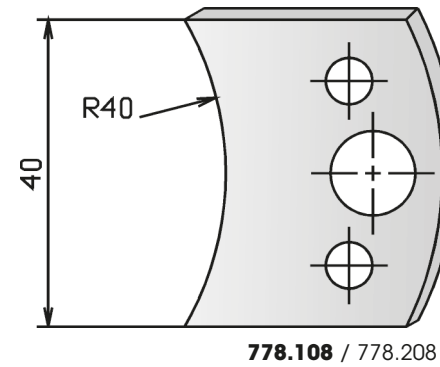
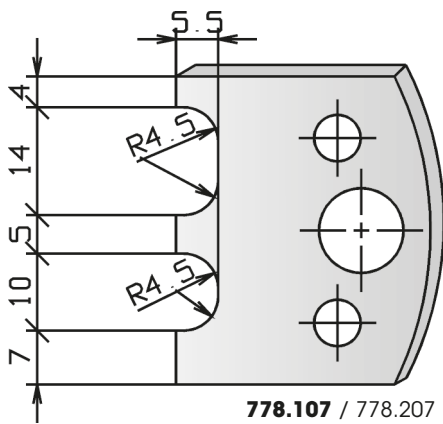
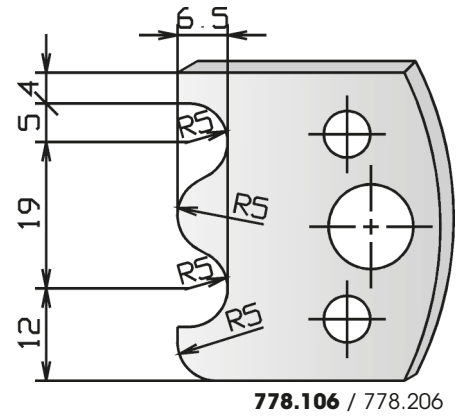
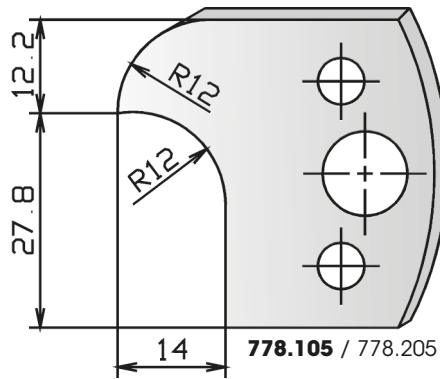
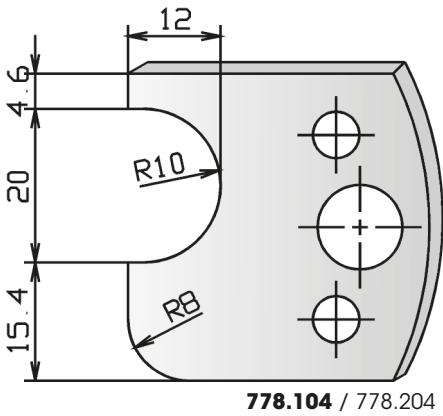
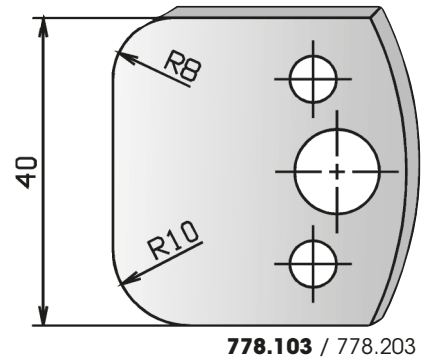
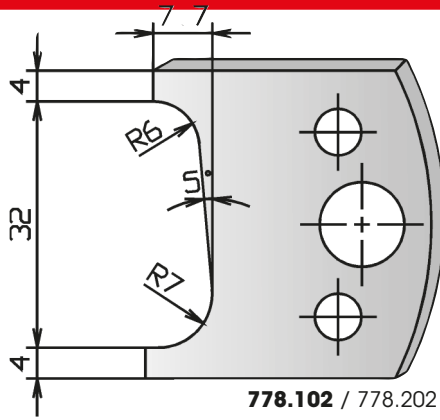
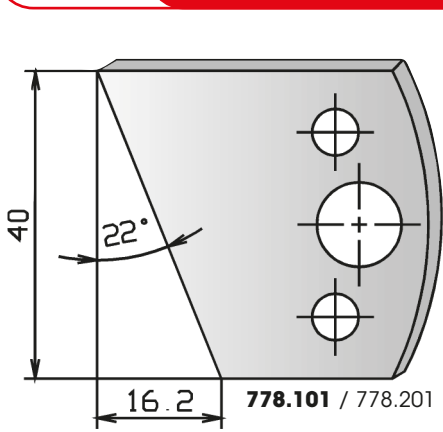


**778.000 / 778.001**

**Ersatzteile**  
*Spare parts*

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



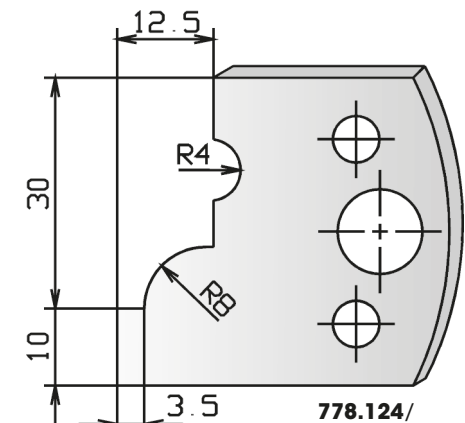
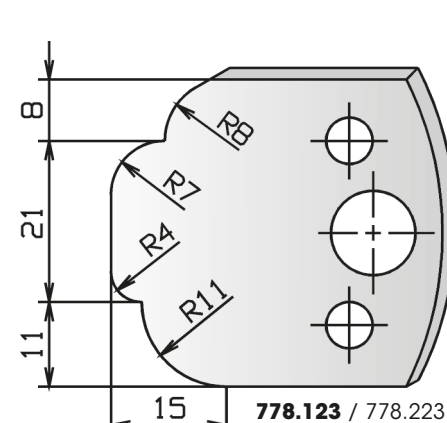
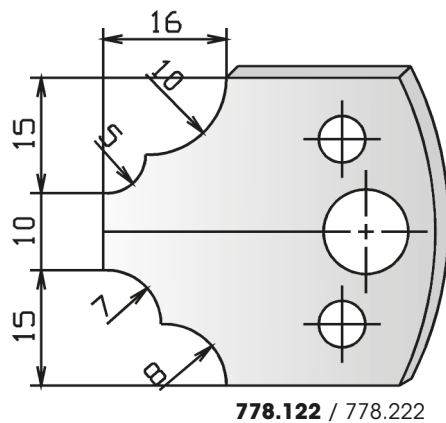
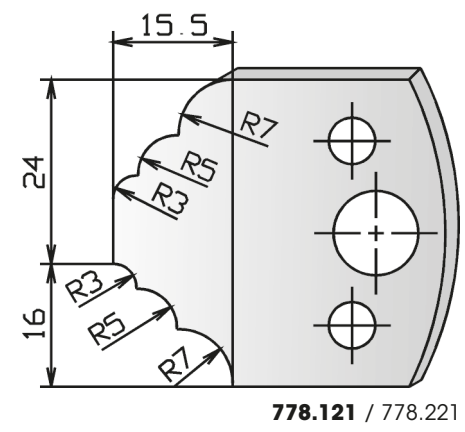
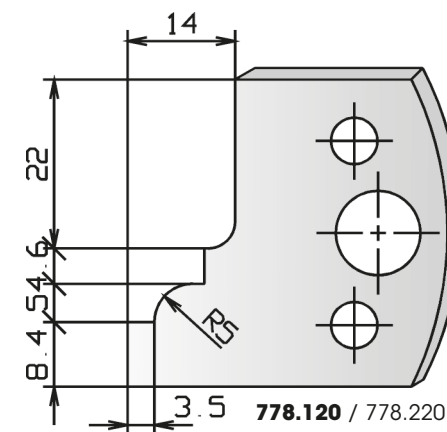
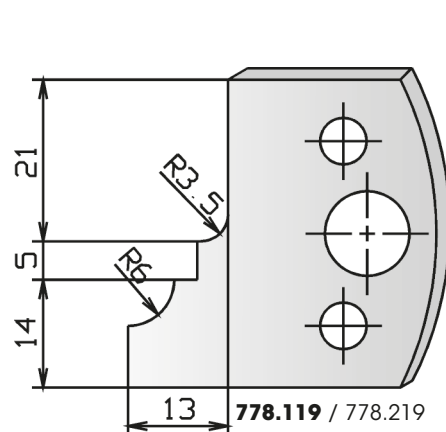
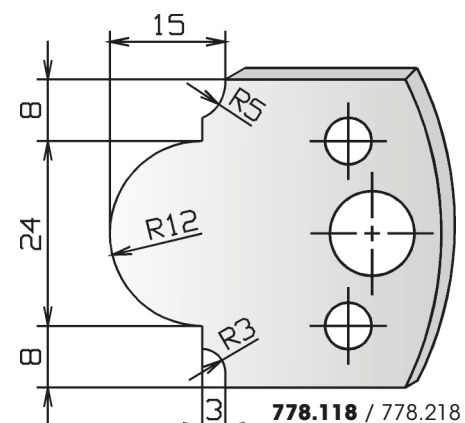
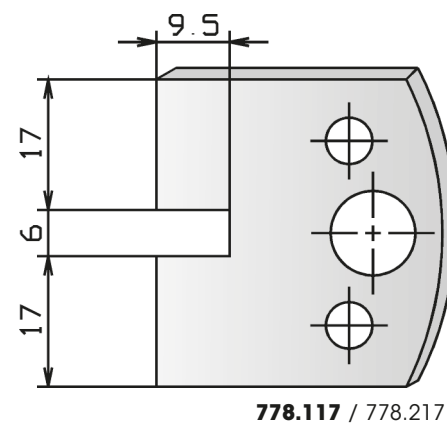
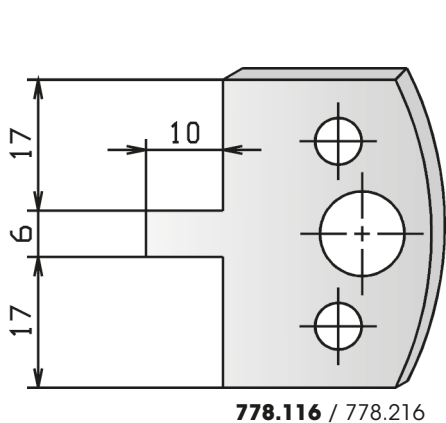
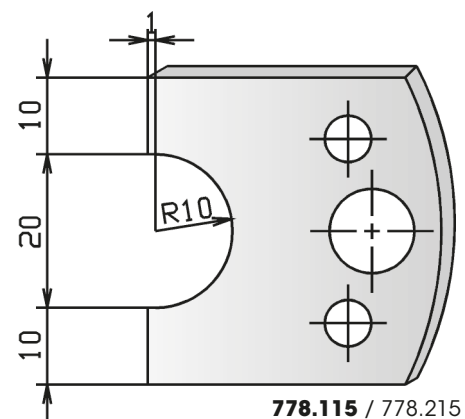
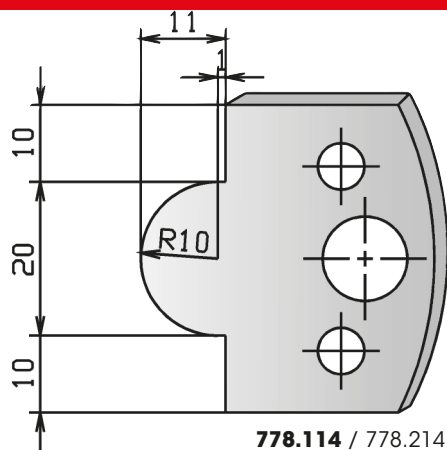
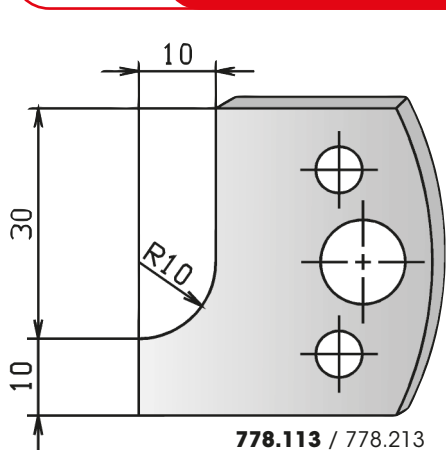


778.212

2184  
2189

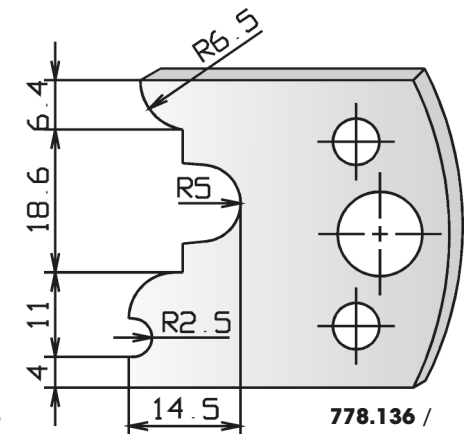
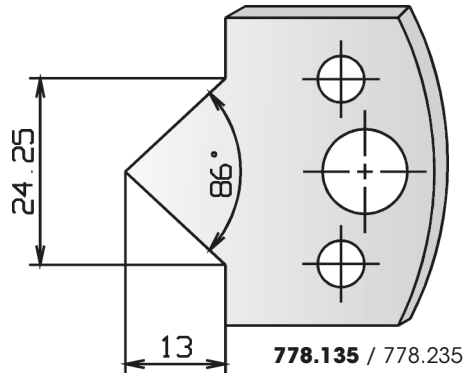
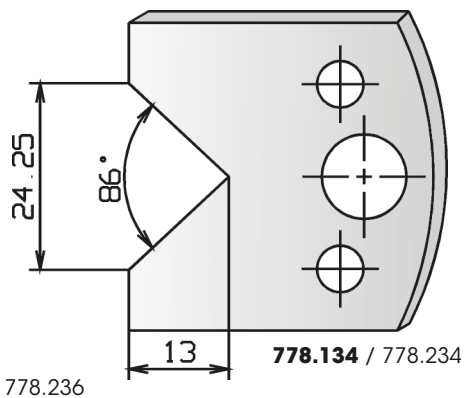
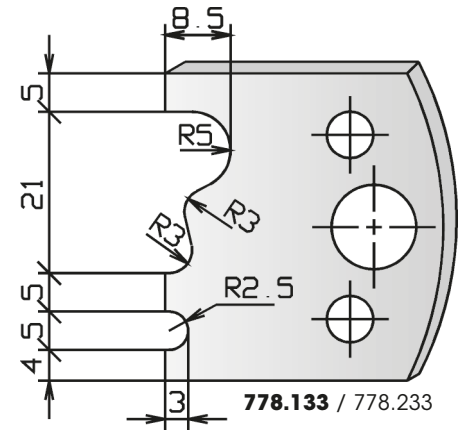
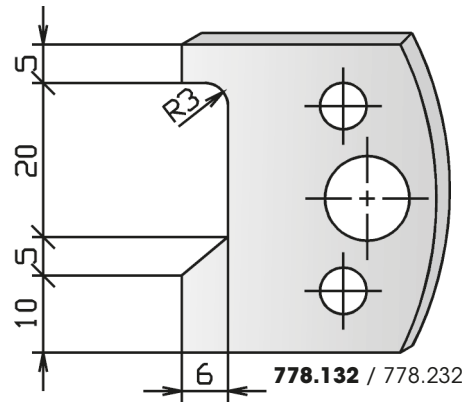
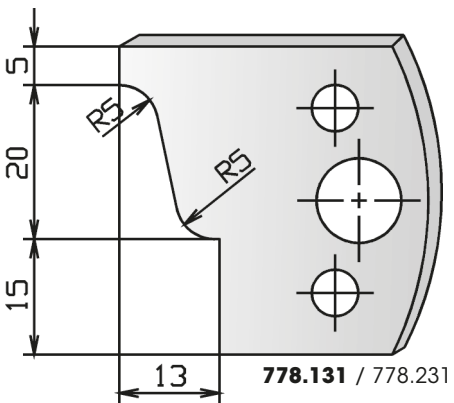
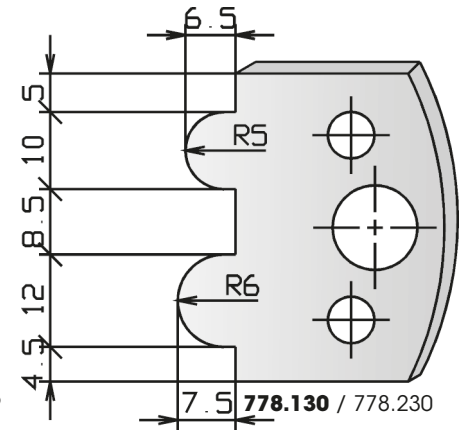
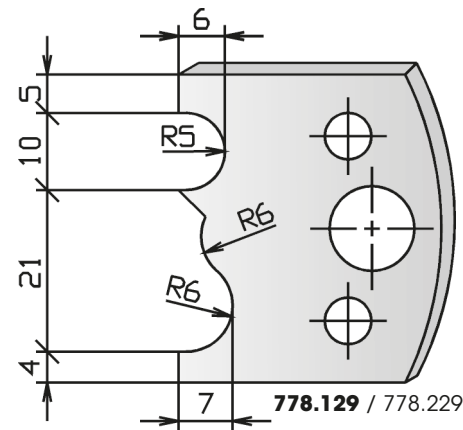
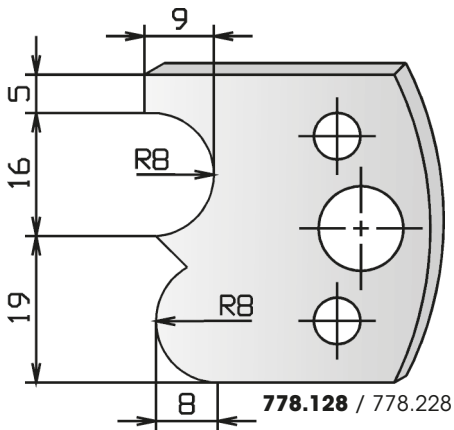
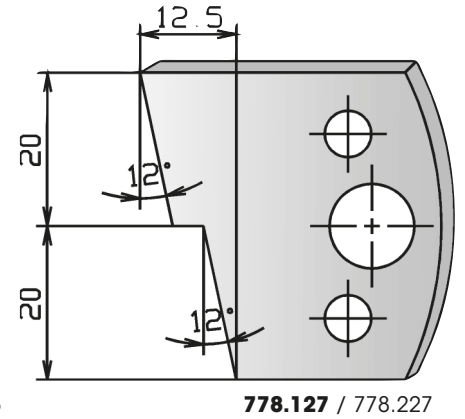
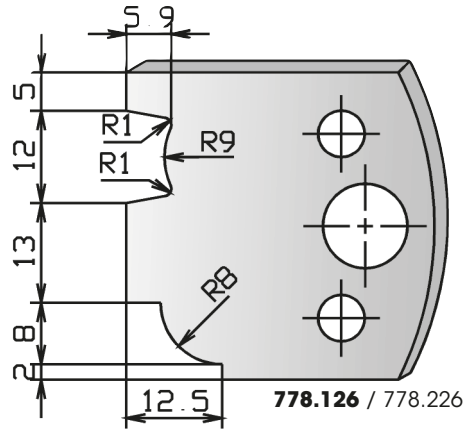
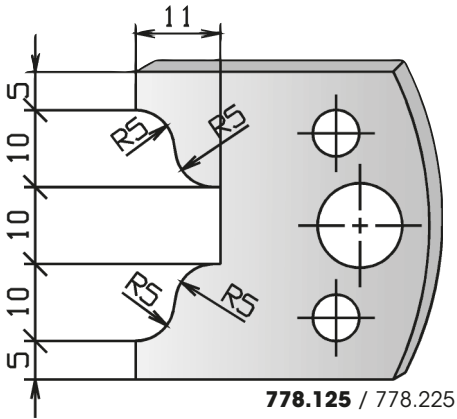
SP Universal-Profilmesserkopf - Profilmesserauswahl  
SP Universal profilecutter - Profile knife options

PG  
02



778.224



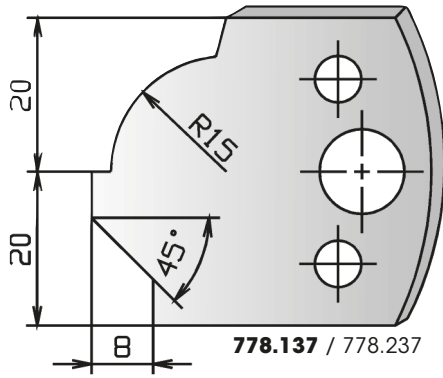


778.236

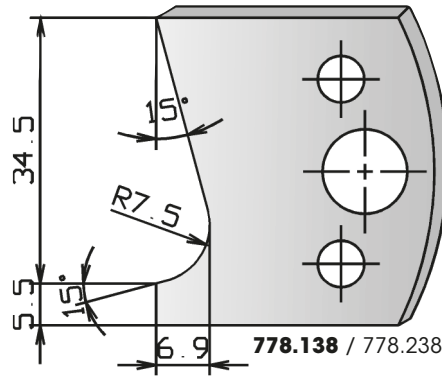
2184  
2189

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

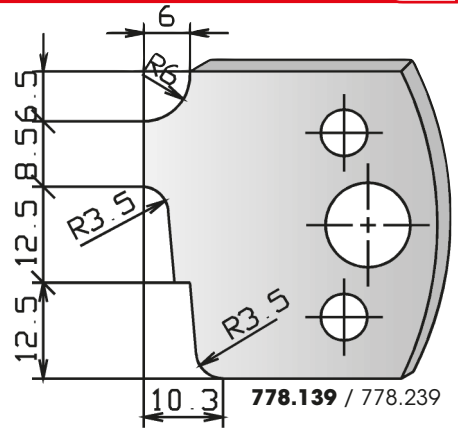
PG  
02



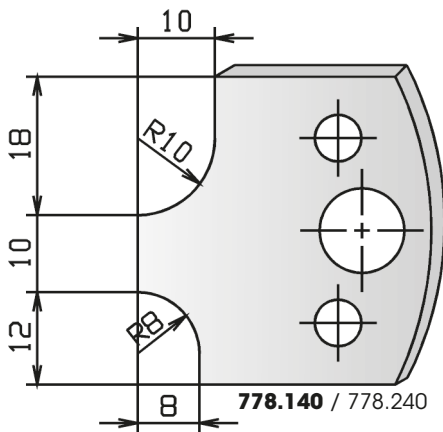
778.137 / 778.237



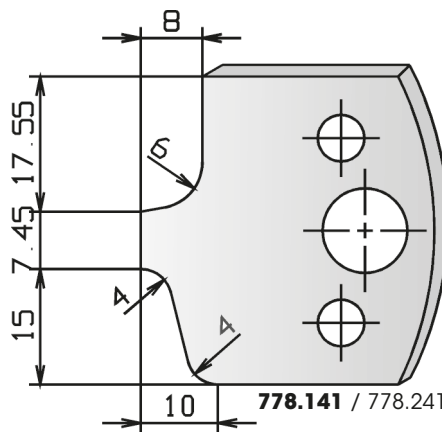
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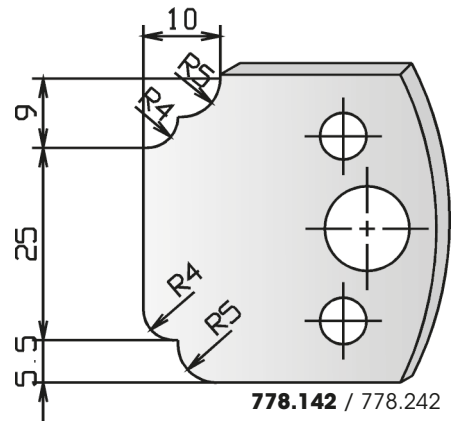
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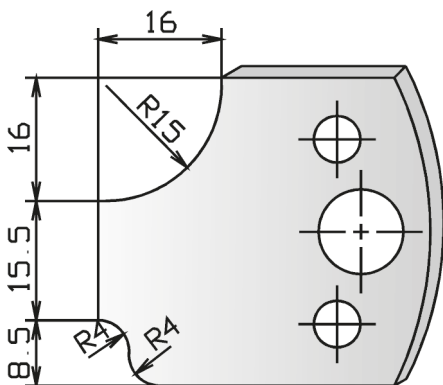
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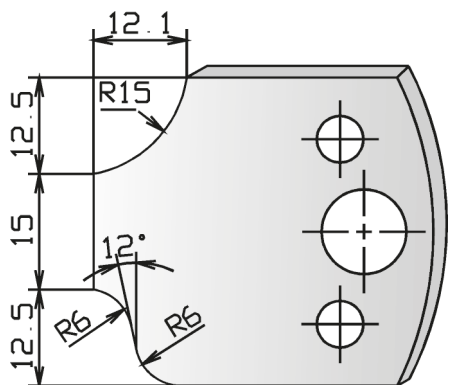
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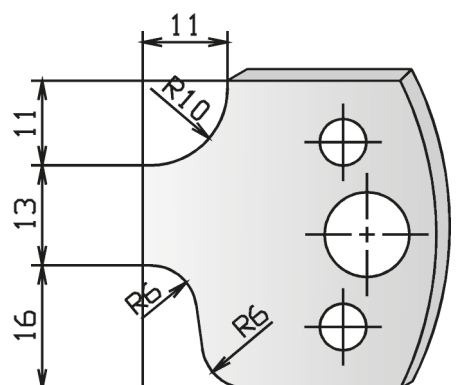
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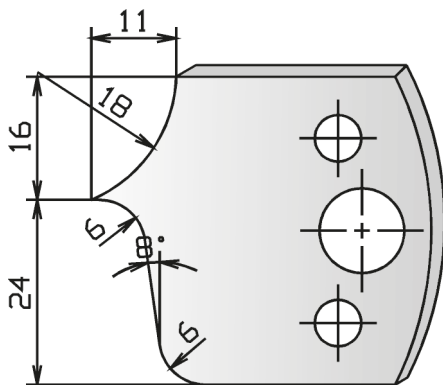
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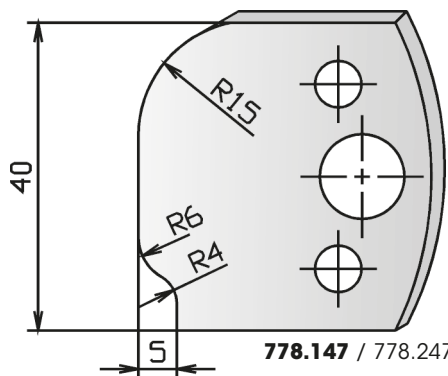
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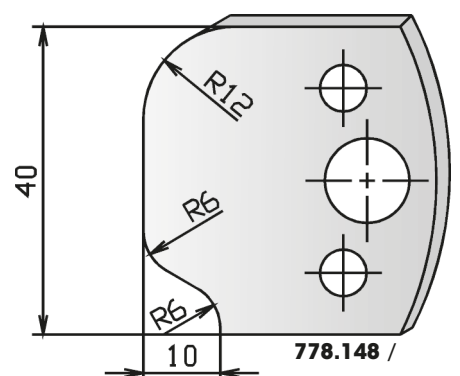
778.145 / 778.245



778.146 / 778.246



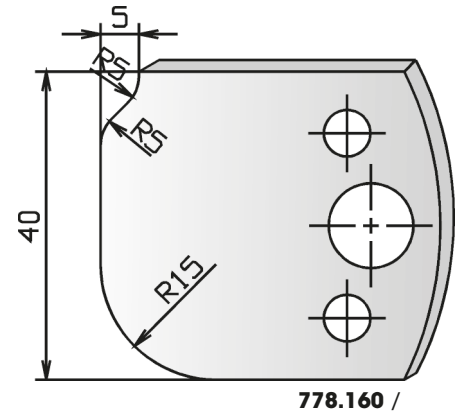
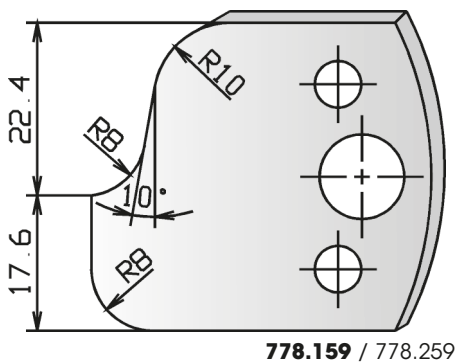
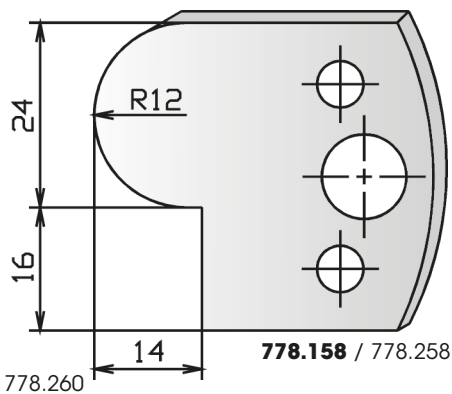
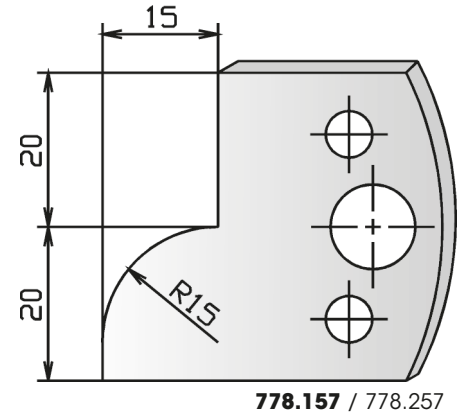
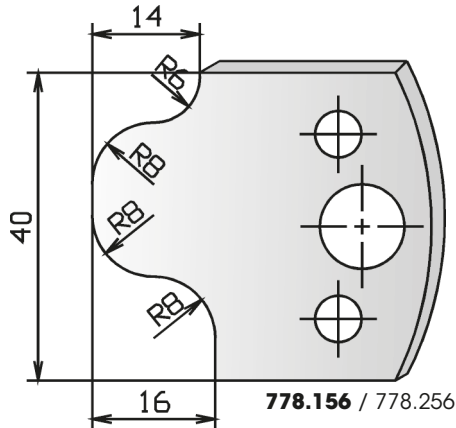
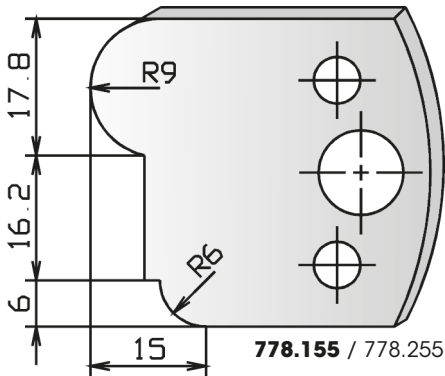
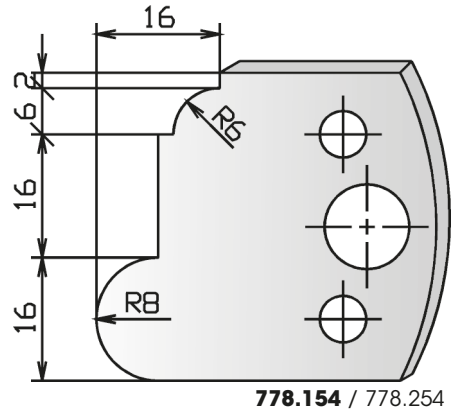
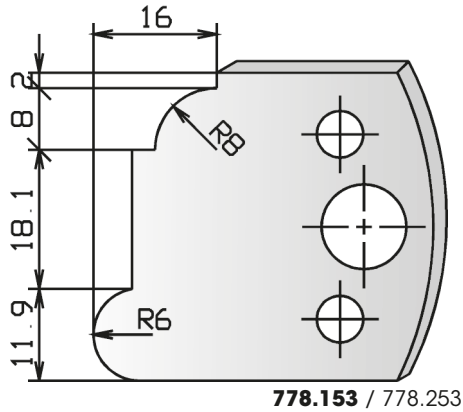
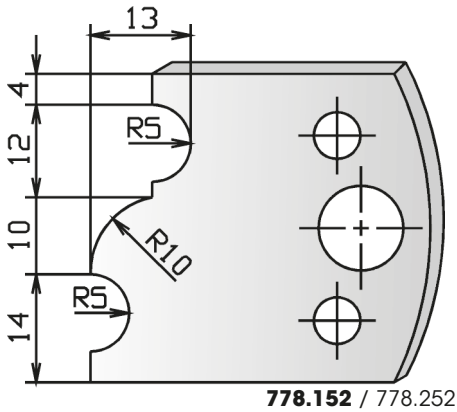
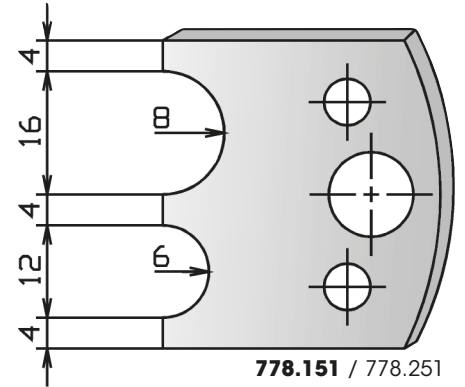
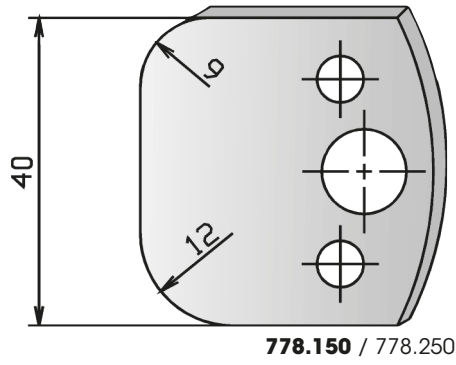
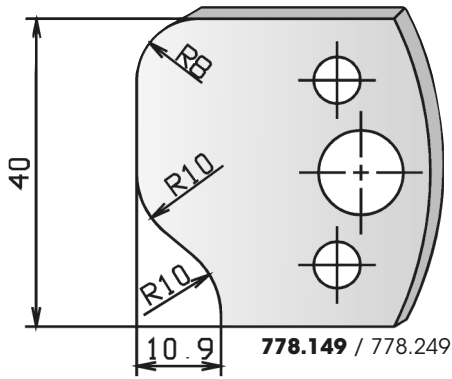
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778.148 /

778.248

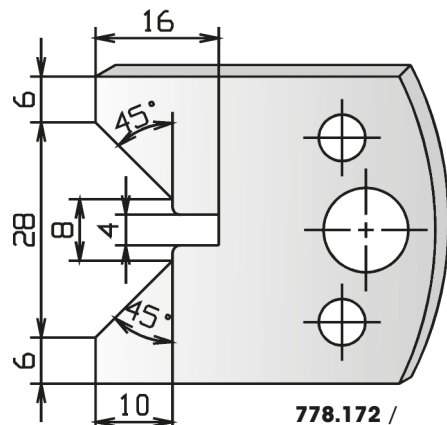
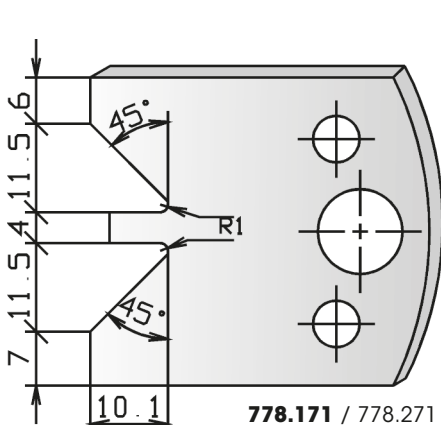
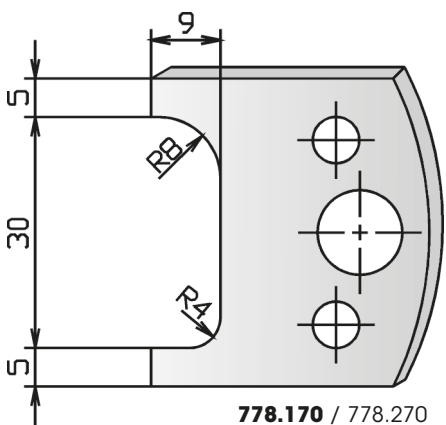
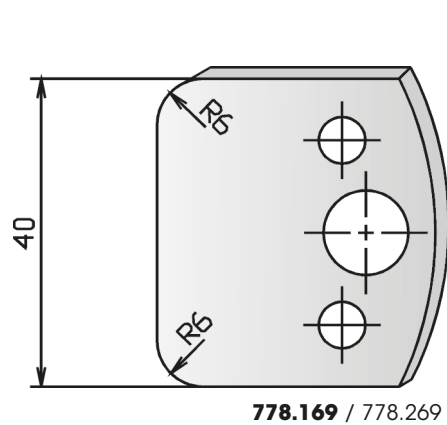
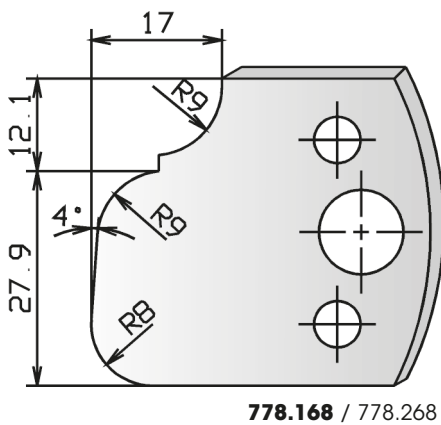
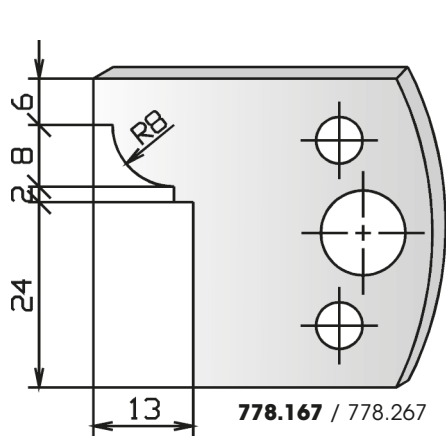
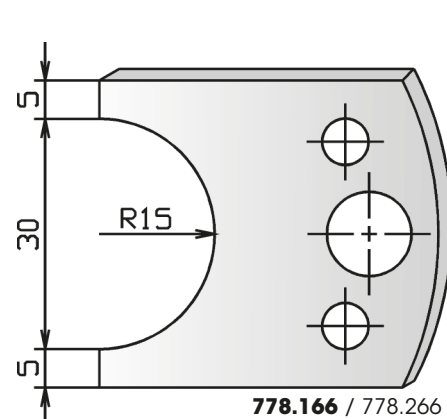
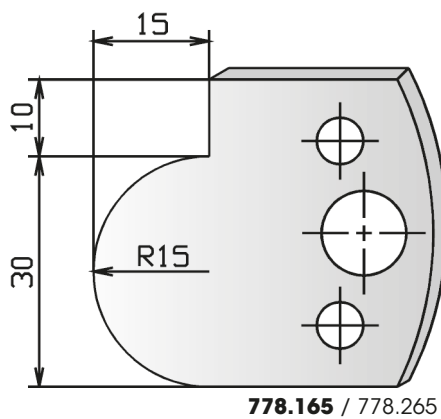
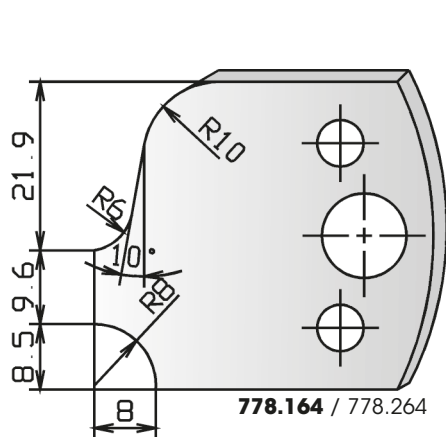
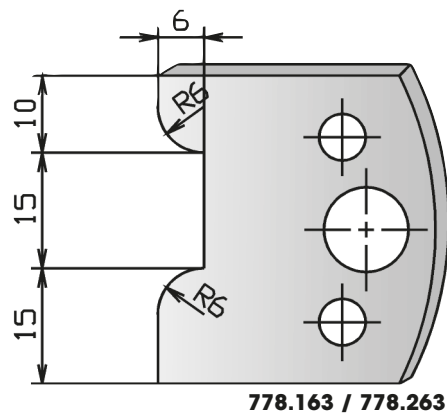
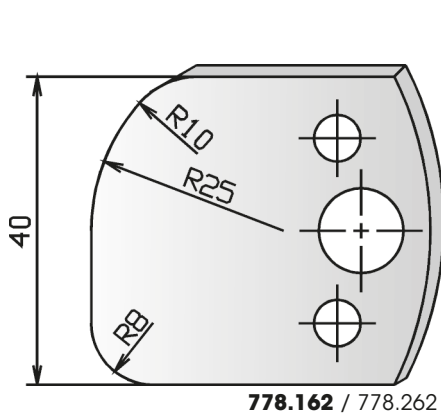
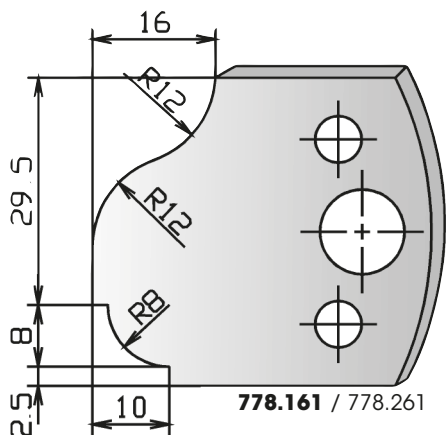




**2184**  
**2189**

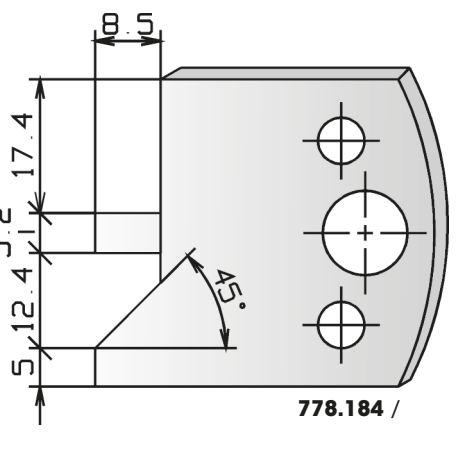
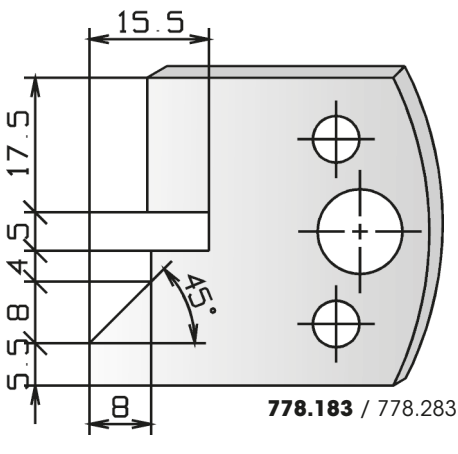
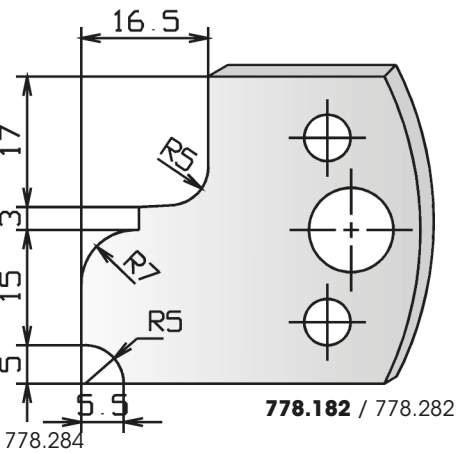
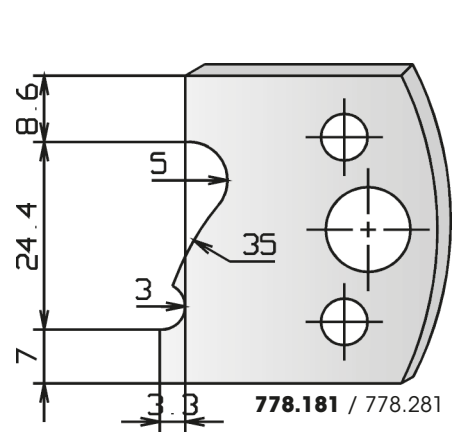
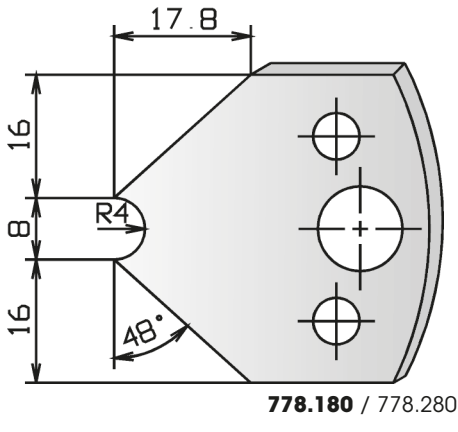
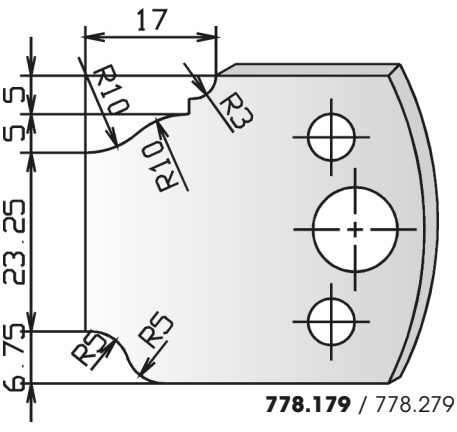
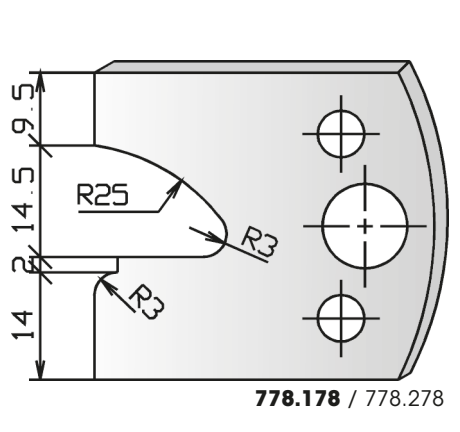
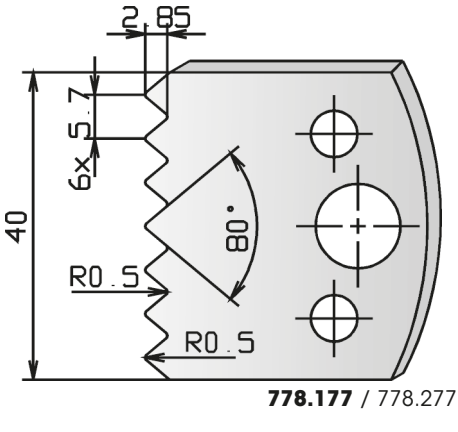
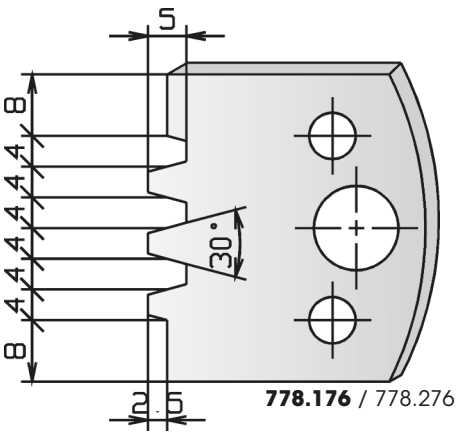
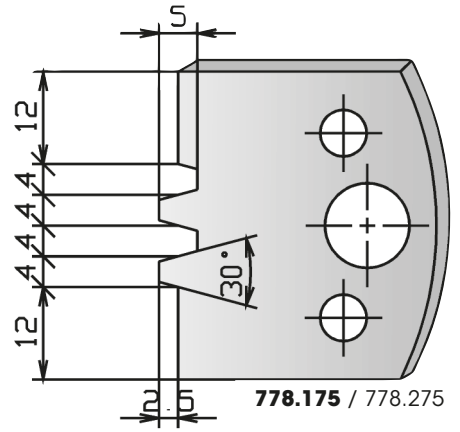
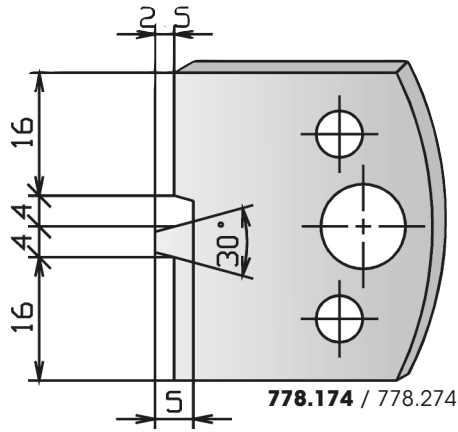
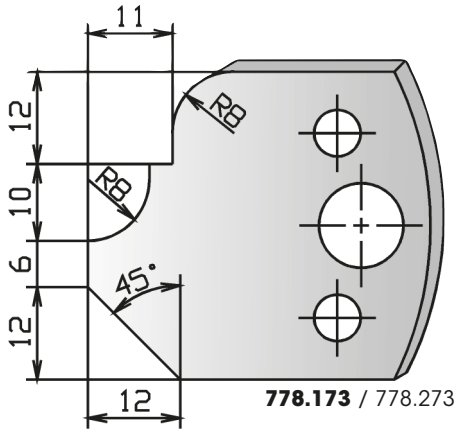
**SP Universal-Profilmesserkopf - Profilmesserauswahl**  
**SP Universal profilecutter - Profile knife options**

**PG**  
**02**



778.272



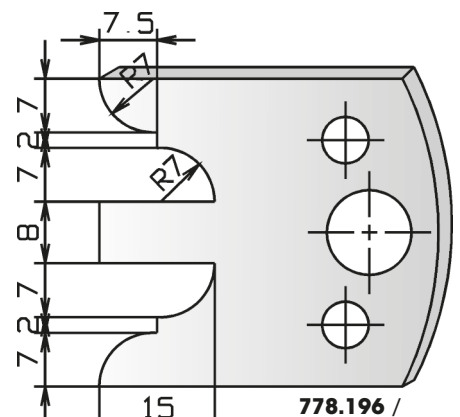
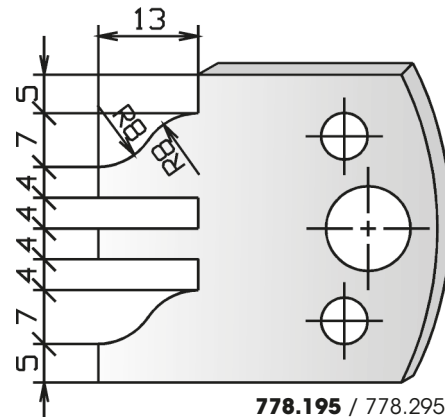
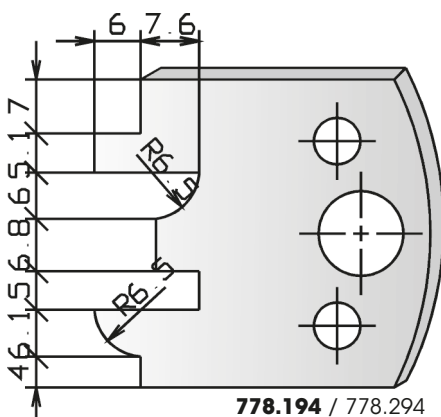
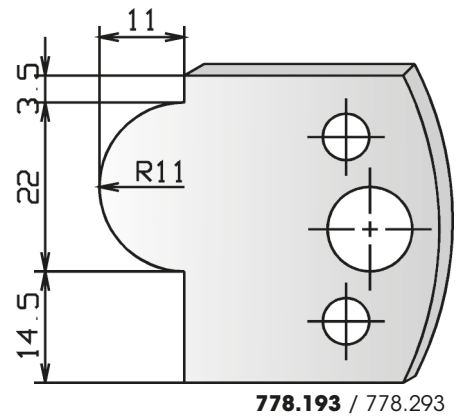
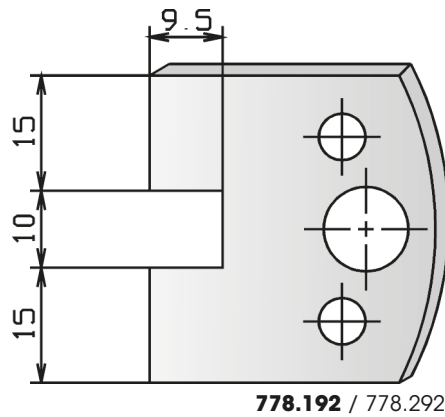
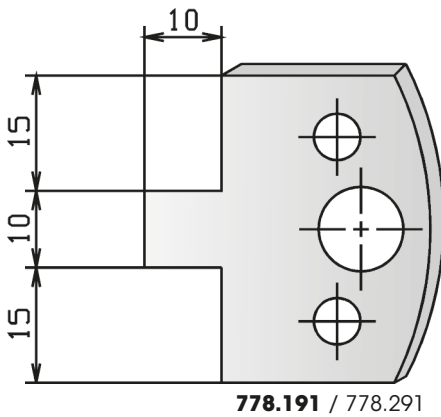
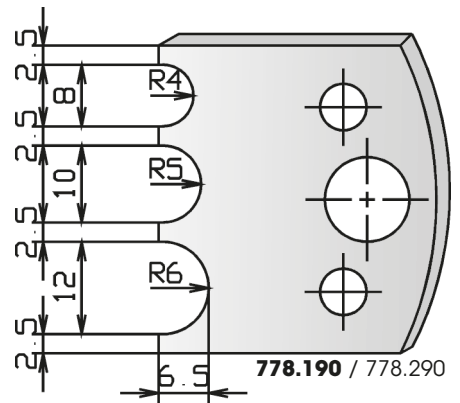
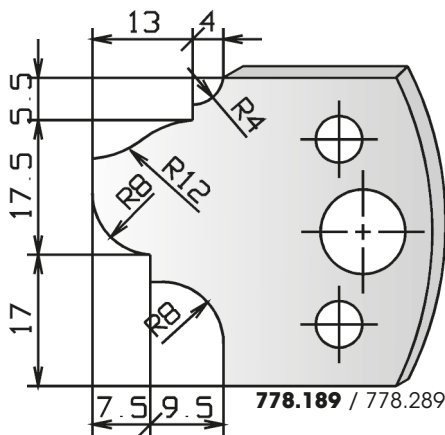
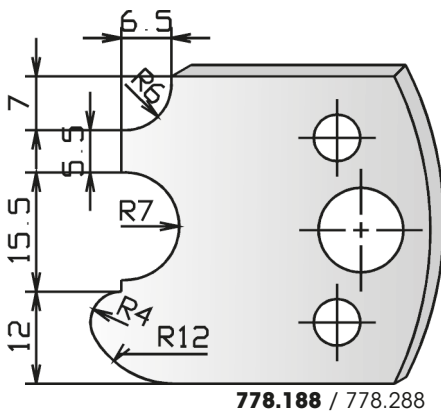
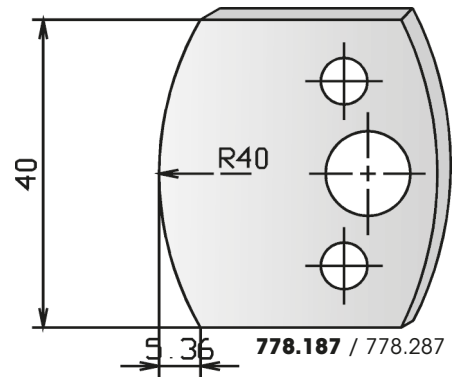
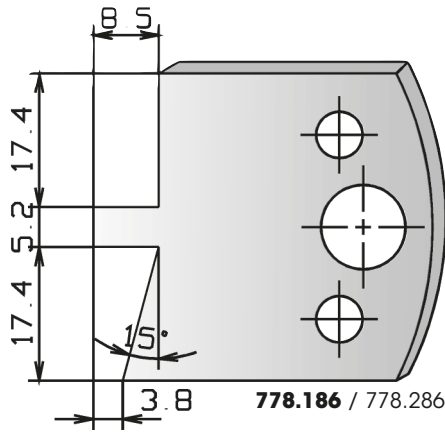
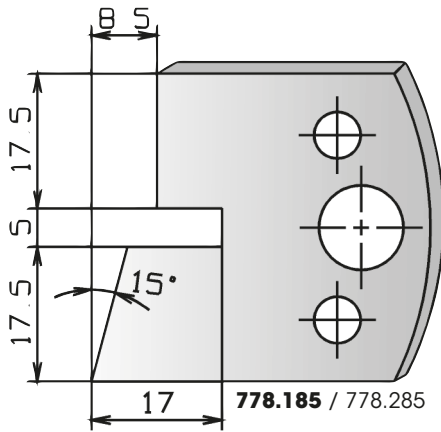




2184  
2189

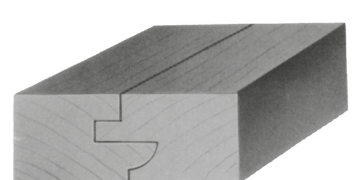
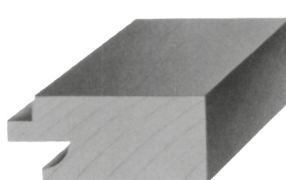
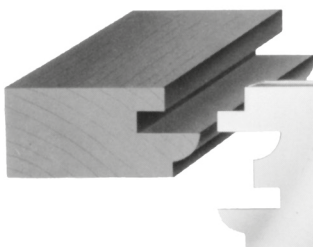
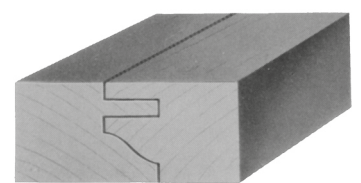
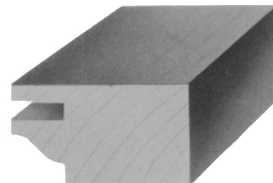
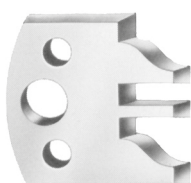
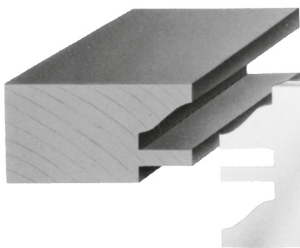
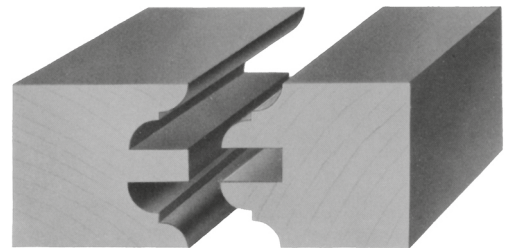
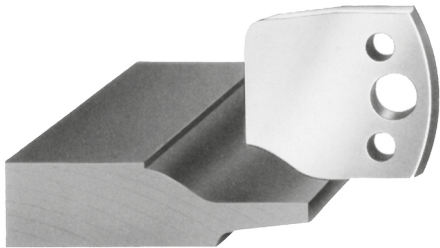
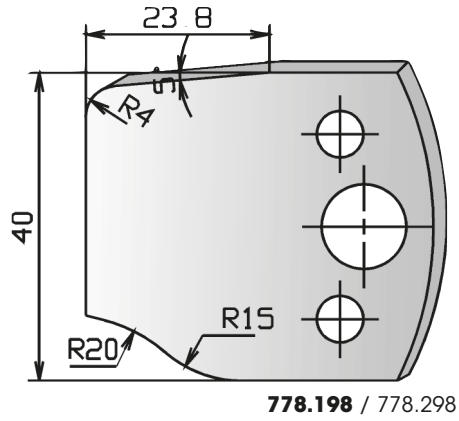
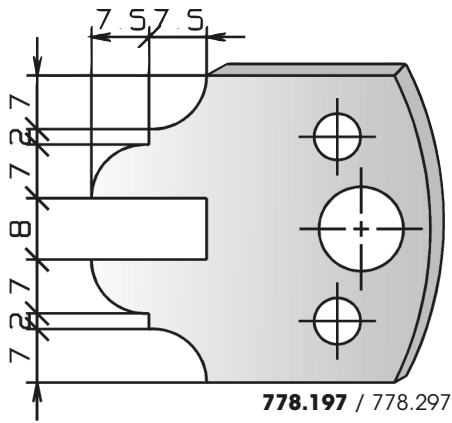
SP Universal-Profilmesserkopf - Profilmesserauswahl  
SP Universal profilecutter - Profile knife options

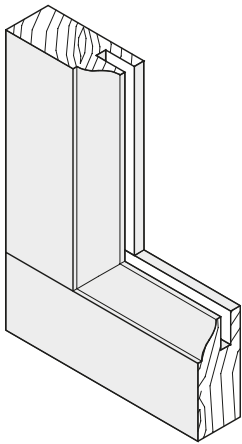
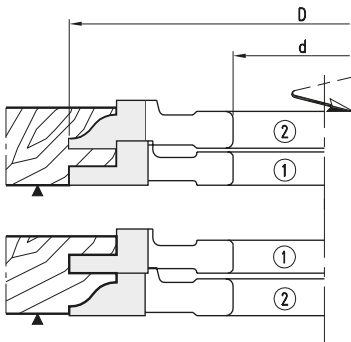
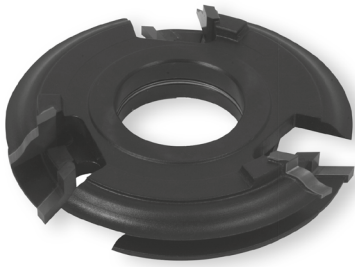
PG  
02



778.296







- 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 profiling and counter profiles in solid wood framed doors in cabinetry*
- *11 tool sets for frames with different profiles.*
- *Layout for manual feed.*

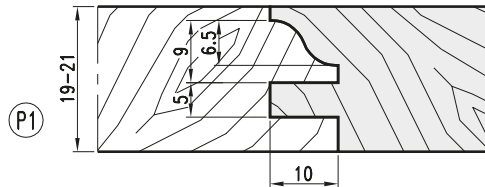
**P1**  
 P1

MAN

HW

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

Garnitur - Cutterset (1+2)

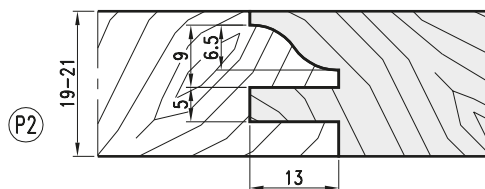
**8289.001.000**
**P2**  
 P2

MAN

HW

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

Garnitur - Cutterset (1+2)

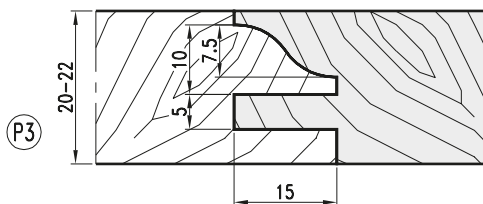
**8289.002.000**
**P3**  
 P3

MAN

HW

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

Garnitur - Cutterset (1+2)

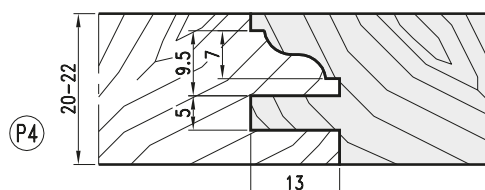
**8289.003.000**
**P4**  
 P4

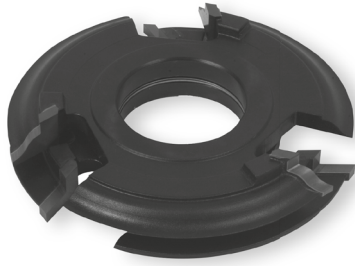
MAN

HW

Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	<b>8289.140.312</b>
2		13	50	3	5500-9500	<b>8289.140.213</b>

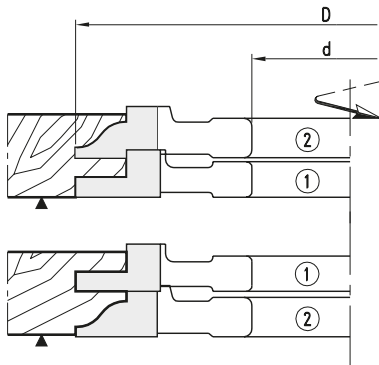
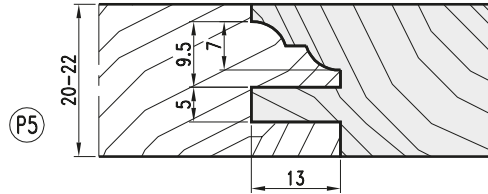
Garnitur - Cutterset (1+2)

**8289.004.000**


**P5**  
P5

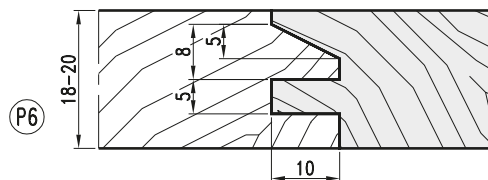
**MAN**
**HW**

Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	<b>8289.140.112</b>
2		13	50	3	5500-9500	<b>8289.140.313</b>
Garnitur - Cutterset (1+2)						<b>8289.005.000</b>


**P6**  
P6

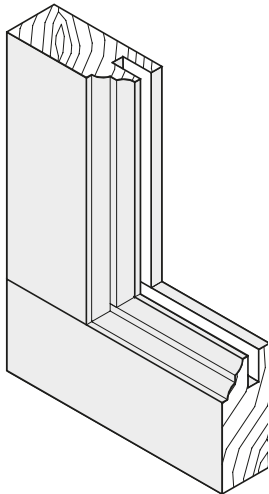
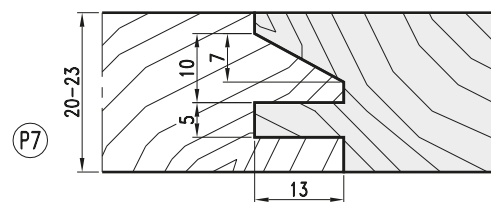
**MAN**
**HW**

Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	<b>8289.140.012</b>
2		13	50	3	5500-9500	<b>8289.140.114</b>
Garnitur - Cutterset (1+2)						<b>8289.006.000</b>


**P7**  
P7

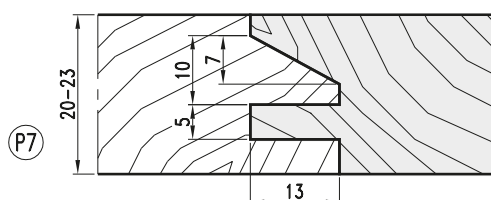
**MAN**
**HW**

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

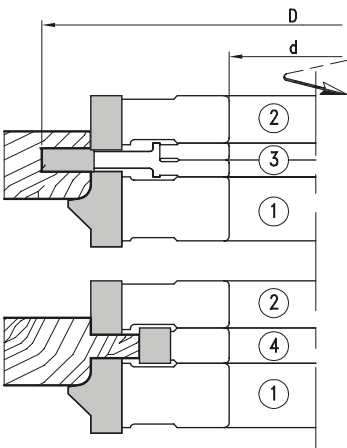
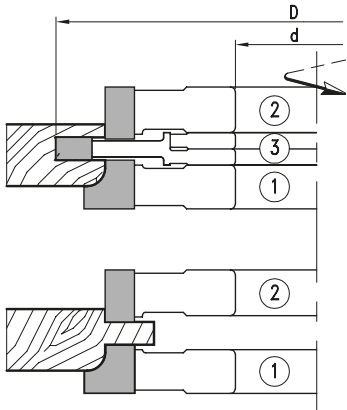
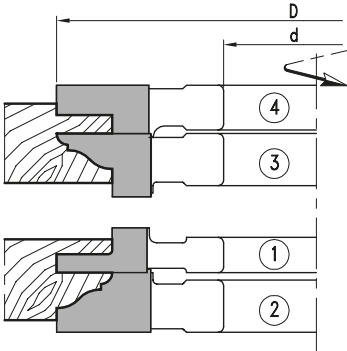
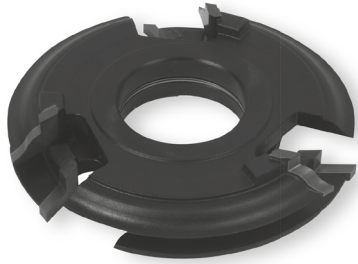

**P8**  
P8

**MAN**
**HW**

Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	140	12	50	3	5500-9500	<b>8289.140.312</b>
2		13	50	3	5500-9500	<b>8289.140.115</b>
Garnitur - Cutterset (1+2)						<b>8289.008.000</b>



- 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.*



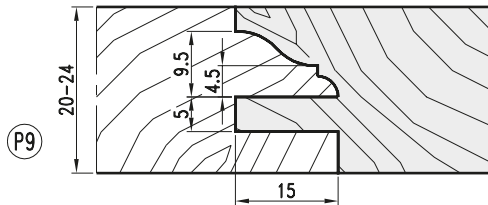
- HW-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil- und Konterprofil an Massivholz-Rahmentüren.
- Auflistung 11 verschiedener Profilvarianten.
- Ausführung für manuellen Vorschub.
- TC-Profile tipped-cutterhead with steel tool body for profiles and counter profiles in solid wood framed doors 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	17	50	3	5500-9500	8289.140.017
3	17	17	50	3	5500-9500	8289.140.117
4	15	15	50	3	5500-9500	8289.140.215
Garnitur - Cutterset (1+2)						8289.009.000
Garnitur - Cutterset (3+4)						8289.009.001

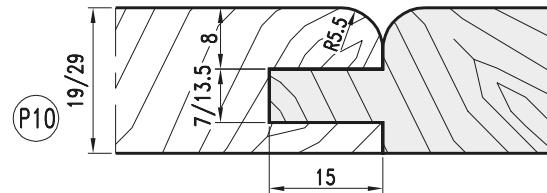


**P10**  
P10

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	

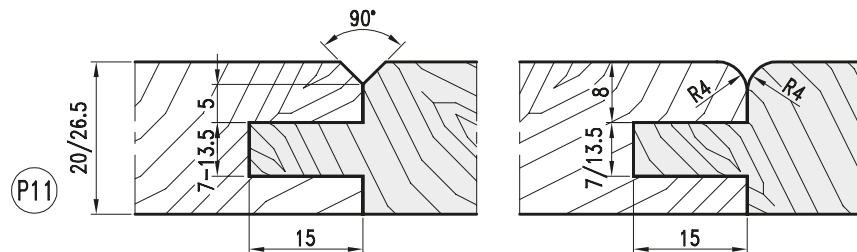


**P11**  
P11

MAN

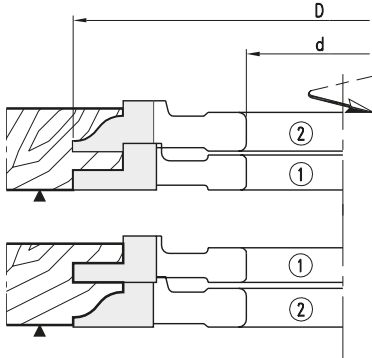
HW

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	8289.130.116
3	160	7-13,5	50	4	4	4800-8300	8280.160.107
4	100	15	50	3		7700-13300	8289.100.015
Garnitur - Cutterset (1+2+3)						8289.011.000	



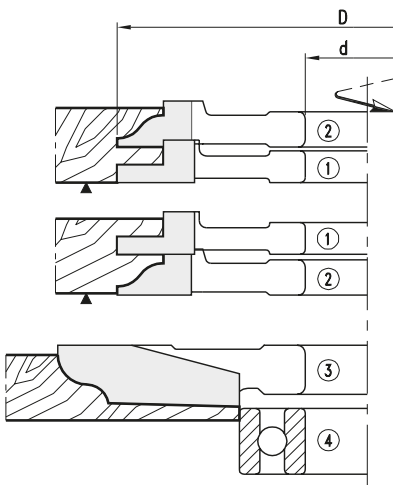
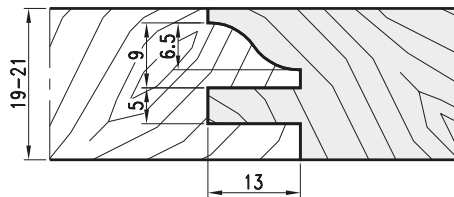
**P11**




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

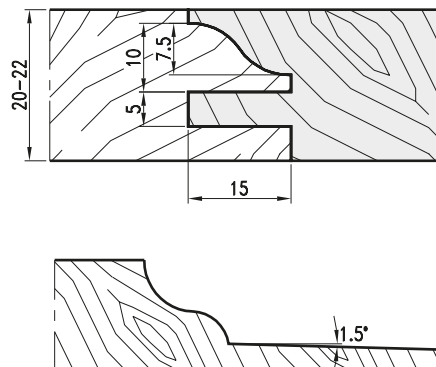
Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	120	10,5	30	2	6400-11100	<b>8289.120.011</b>
2	120	11,8	30	2	6400-11100	<b>8289.120.012</b>
Garnitur - Cutterset (1+2)						<b>8289.012.000</b>

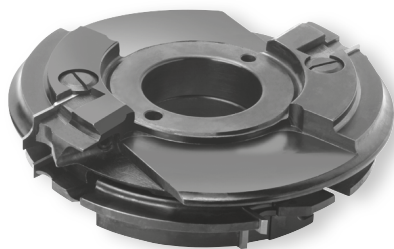
- HW-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren.
- Ausführungen für manuellen Vorschub.
- *TC-Profile tipped cutterhead with steel tool body for profiles and counter profiles in solid wood framed doors in cabinetry.*
- *Layout for manual feed.*


**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	<b>8289.120.111</b>
2	120	11,8	30	2	6400-11100	<b>8289.120.112</b>
3	150	14,0	30	2	5200-8900	<b>8289.150.014</b>
4	62					<b>8289.062.000</b>
Garnitur - Cutterset (1+2+3+4)						<b>8289.013.000</b>

- 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

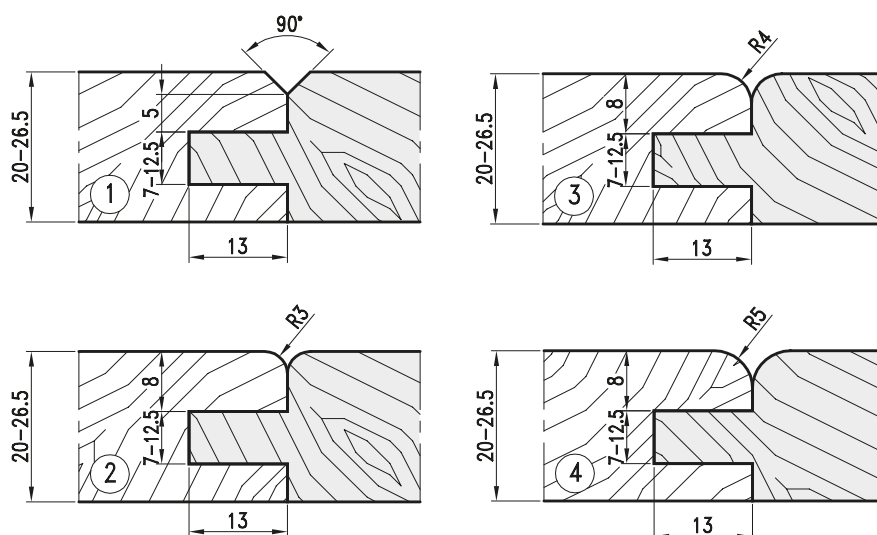
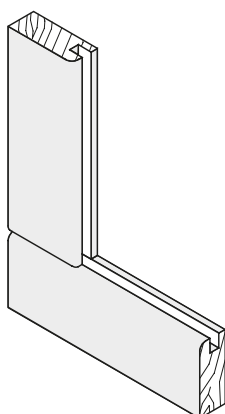
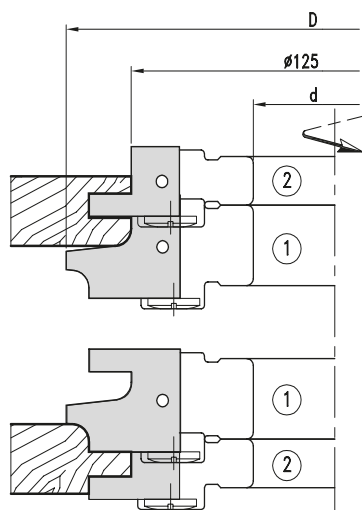
Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	165	30	30/50	2	5500-9500	● 4814.165.030
2	151	20	30/50	2	5500-9500	● 4814.151.020
Garnitur - Cutterset						4814.000.000

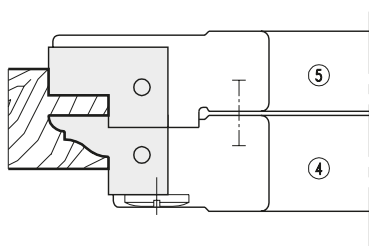
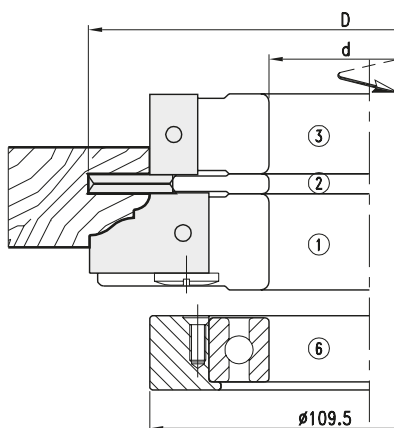
- Ohne Wendemesser
- Cutterhead supplied without knives

- WP-Profilmesserkopf mit Stahlkörper 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
Spannkeil - Clamping wedge	1		20x30x2	785.794
	2			785.794
Gewindestift - Screw			M8x16	705.542
Sechskantschlüssel - T Wrench			SW4(M8)	706.104





**Türprofil- und Konterprofilgarnitur**  
*Profile- and counterprofile cutterset*

MAN

HW

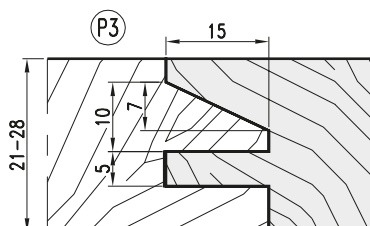
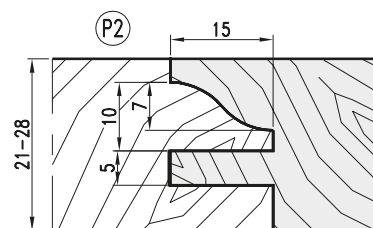
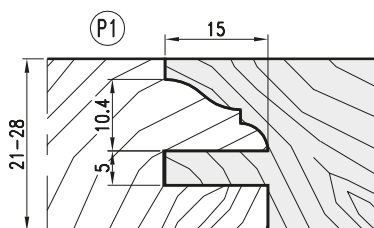
Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	139,5	20	50	4	5500-9500	● 4819.140.020
2	140,0	5	50	4	5500-9500	4849.140.005
3	109,5	20	50	4	7000-11900	4819.110.020
4	160,0	20	50	3	4800-8300	● 4819.160.020
5		20	50	3	4800-8300	4819.160.120
6	109,5	Anlaufring - Template ring				702.224
Garnitur - Cutterset						4819.000.000

- 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	
	Spannkeil - Clamping wedge	5		20x30x2	785.756
		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

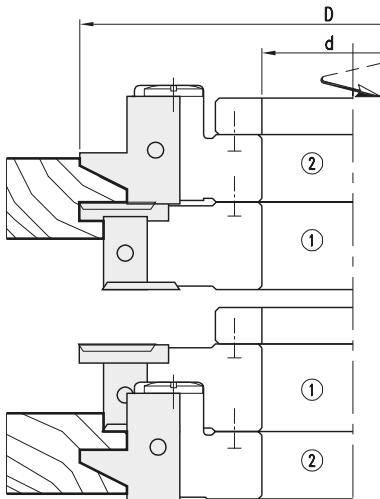
HW

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

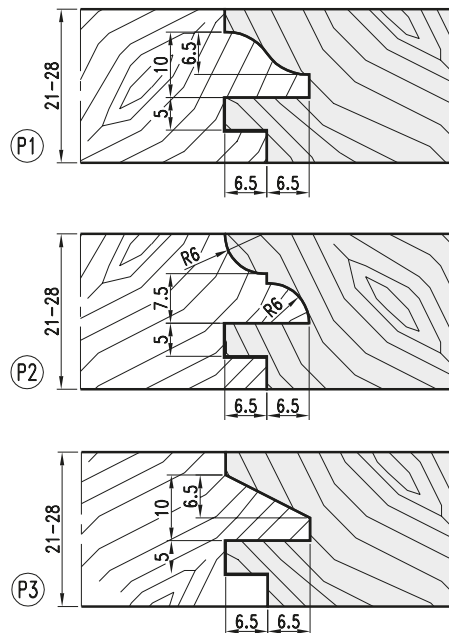
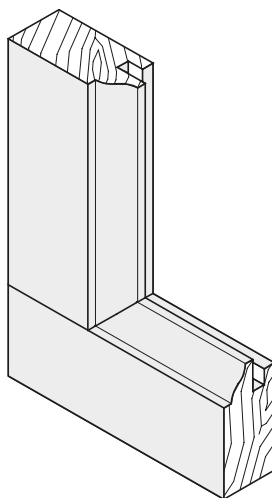
- WP-Profilmesserkopf mit Stahltrgkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren. Drei verschiedene Profilvarianten.
- Ausföhrung für manuellen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for profiles and counter profiles in solid wood framed 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	<b>785.404</b>
		P2	29,5X27,5X2	<b>785.405</b>
		P3	29,5X27,5X2	<b>785.406</b>
Spannkeil - Clamping wedge	1	P4	20x12x1,5	<b>750.102</b>
	2			<b>707.253</b>
	1			<b>707.002.18</b>
Gewindestift - Screw			M8x16	<b>705.542</b>
Vorschneider - Spur			22x19x2	<b>760.101</b>
Spannschraube - Screw			M5x7	<b>705.425</b>
Nutmesser - Groover			13x24,5x5	<b>783.102</b>
Schraube - Screw			M5x13,5	<b>705.318</b>
Sechskantschlüssel - T Wrench			SW3(M5)	<b>706.103</b>
			SW4(M8)	<b>706.104</b>



- 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**

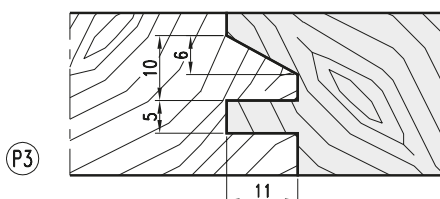
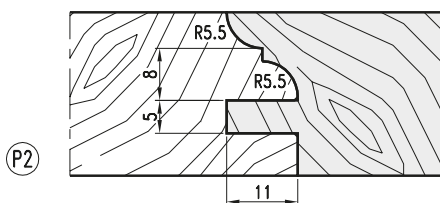
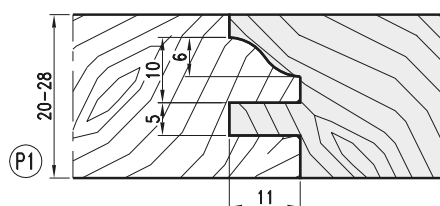
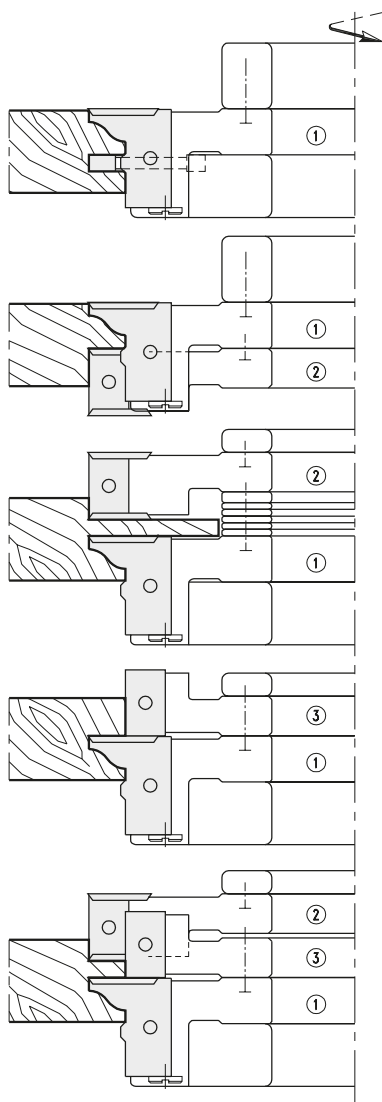
Nr.	D	B	d	Z	l	n min - n max	Art.Nr.
1	160	20	30/50	3	3	5500-9500	● <b>4819.160.030</b>
2		20	30/50	4		5500-9500	<b>4819.160.220</b>
3	138	20	30/50	4		7000-11900	<b>4819.138.020</b>
Garnitur - Cutterset							<b>4819.000.002</b>

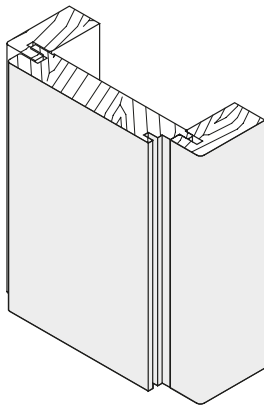
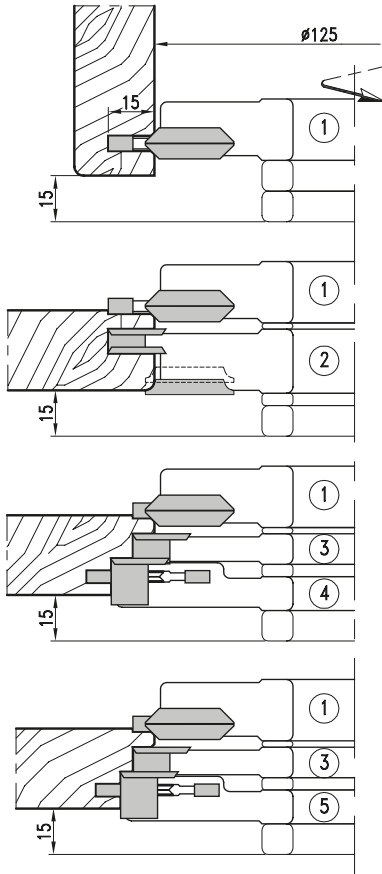
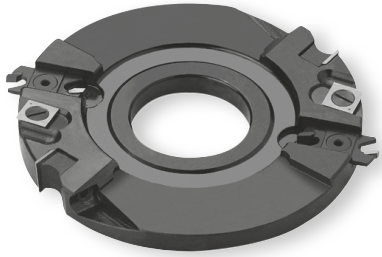
- Ohne Wechselmesser
- Cutterhead supplied without knives

- 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	<b>785.302</b>
		P2	30x25x2	<b>785.301</b>
		P3	30x25x2	<b>785.303</b>
Spannkeil - Clamping wedge	2/3		20x12x1,5	<b>750.102</b>
	1			<b>707.807</b>
Gewindestift - Screw	2/3			<b>707.002.18</b>
	1		M8x12	<b>705.541</b>
Vorschneider - Spur	2/3		M8x16	<b>705.542</b>
	1		22x19x2	<b>760.101</b>
Spannschraube - Screw	2		14x14x2	<b>750.111</b>
			M5x7	<b>705.425</b>
Nutmesser - Groover			35x17x5	<b>783.121</b>
Schraube - Screw			M5x13,5	<b>705.318</b>
Sechskantschlüssel - T Wrench			SW3(M5)	<b>706.103</b>
			SW4(M8)	<b>706.104</b>





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

MAN

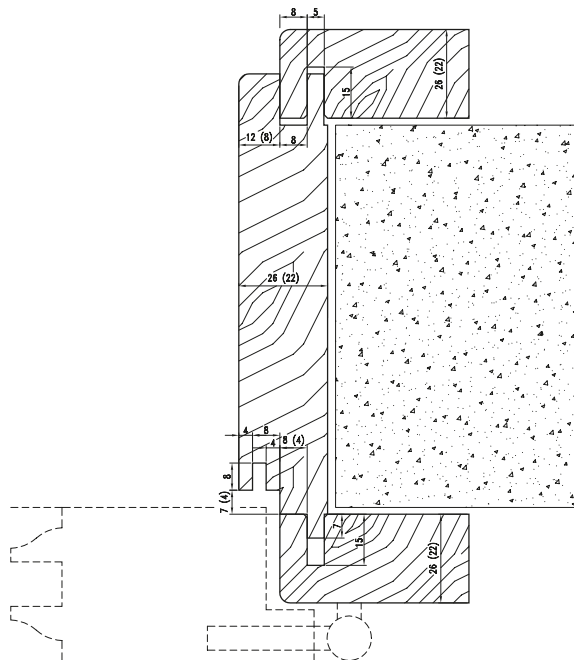
HW

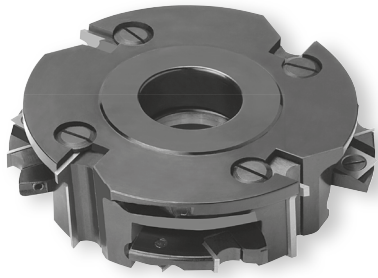
Nr.	D	B	d	Z	V	I	n min - n max	Art.Nr.
1	125	4,0	40/50	2		2	6100-10500	<b>4879.125.004</b>
2	155	8,0	40/50	2	4		4300-8400	<b>4879.155.008</b>
3	139	9,8	40/50	2	2		5600-9600	<b>4879.139.010</b>
4	153	15,0	40/50	2	2	2	5000-8600	<b>4879.153.015</b>
5	147	15,0	40/50	2	2		5200-8900	<b>4879.147.015</b>

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

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

	Nr.	Dim.	Art.Nr.
Wechselmesser - Reversible knife	2	7,5x12x1,5	<b>750.097</b>
	3	9,6x12x1,5	<b>750.098</b>
	4/5	15x12x1,5	<b>750.101</b>
Spannkeil - Clamping wedge	2		<b>707.002.07</b>
	3		<b>707.002.08</b>
	4/5		<b>707.133.15</b>
Schraube - Screw	2	M5x12	<b>705.523</b>
	3	M6x16	<b>705.535</b>
	4/5	M8x12	<b>705.541</b>
Vorschneider - Spur		14x12x2	<b>750.111</b>
Schraube - Screw		M5x7	<b>705.425</b>
Nutmesser - Groover	1	20x34x5	<b>783.123</b>
	1	20x26x5	<b>783.124</b>
Abrundmesser - Rounding blade		R3	<b>780.251</b>
Fasemesser - Chamfering blade		45°	<b>780.260</b>
Schraube - Screw		M5x13,5	<b>705.318</b>
Sechskantschlüssel - T Wrench		SW2,5(M5)	<b>706.102</b>
		SW3(M6)	<b>706.103</b>
		SW4(M8)	<b>706.104</b>





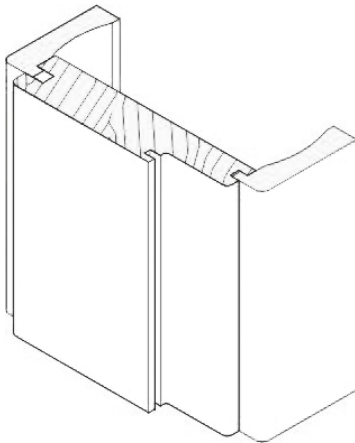
**Für Weich- und Harthölzer bzw. Span- und Faserwerkstoffe, beschichtet oder Furniert.**  
*For softwood and hardwood, chipboard and fibre material, plastic coated and veneered.*

MEC

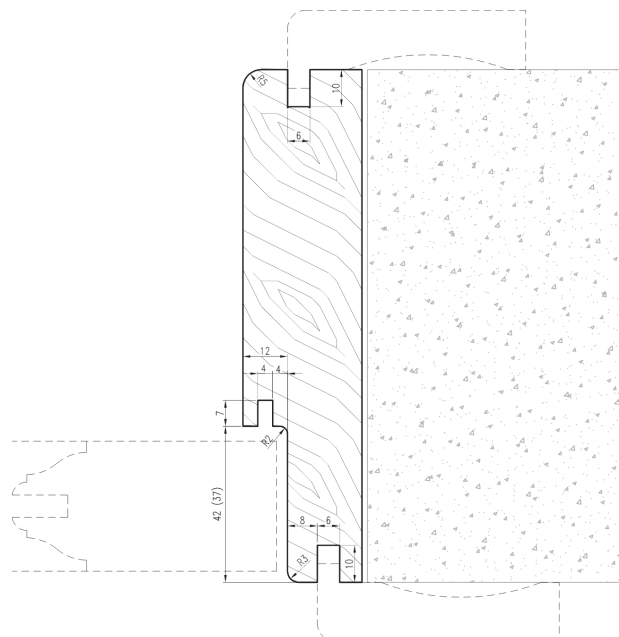
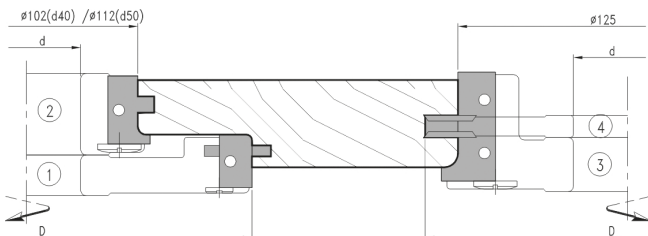
HW

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

- 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	<b>785.110</b>
	2	25x17x2	<b>785.111</b>
	3	40x20x2	<b>785.112</b>
	4	7,6x12x1,5	<b>750.097</b>
Spannkeil - Clamping wedge	1		<b>707.130.20</b>
	2		<b>707.012.23</b>
	3		<b>707.002.38</b>
	4		<b>707.002.07</b>
Schraube - Screw (DIN 963)	1/3	M8x16	<b>705.542</b>
	2	M6x16	<b>705.535</b>
	4	M5x12	<b>705.523</b>
Vorschneider - Spur		14x14x2	<b>750.111</b>
Schraube - Screw (DIN 963)		M5x7	<b>705.425</b>
Nutmesser - Groover		25,55x13x4	<b>783.101</b>
Schraube - Screw		M5x13,5	<b>705.318</b>
Sechskantschlüssel - T Wrench		SW4 (M8)	<b>706.104</b>
		SW3 (M6)	<b>706.103</b>
		SW2,5 (M5)	<b>706.102</b>




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

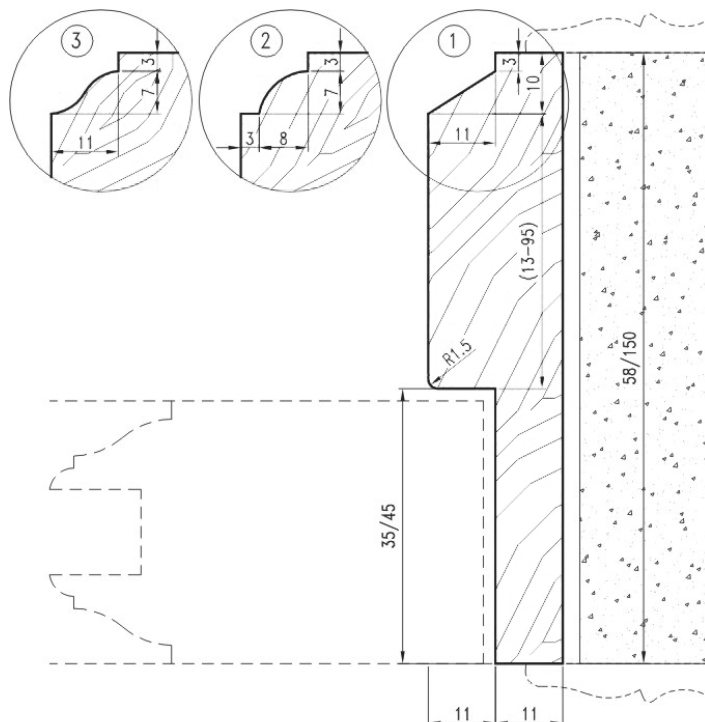
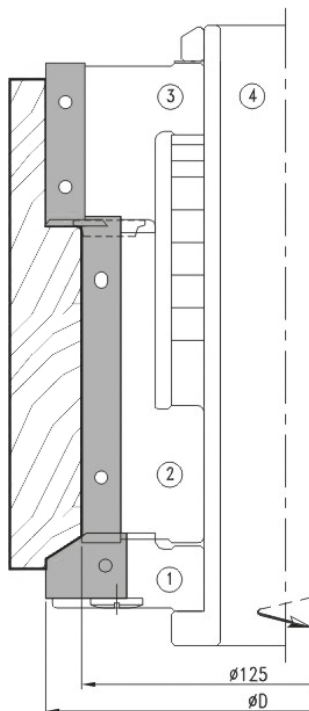
Nr.	D	B	d	Z	V	S	n max	Art.Nr.
1	147	20	50	2			8900	● 4884.147.020
2	125	100	50	2			8900	4884.125.100
3	147	50	50	2	2	2	8900	4884.147.050
4	50	190	40					704.901
1+2+3+4								4884.000.000

- ohne Wechselmesser
- supplied without knives

- WP-Profilemesserkopf mit Stahltragkörper zum Fräsen von Tüfaltern.
- 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.	Dim.	Art.Nr.
Wechselmesser - Reversible knife	1	20x25x2	785.621
		20x25x2	785.622
		20x25x2	785.623
Spannkeil - Clamping wedge	2	100x13x2,2	750.109
	3	50x12x1,5	750.106
Gewindestift - Screw (DIN915)	1	M8x16	707.084
	2		707.002.98
	3		707.130.48
Vorschneider - Spur		14x14x2	705.542
Spannschraube - Screw (DIN963)		M5x7	750.111
Abrundmesser - Rounding blade		R1,5	705.425
Schraube - Screw		M5x13,5	780.205
Sechskantschlüssel - T Wrench		SW3(M5)	705.318
		SW4(M8)	706.103
			706.104




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

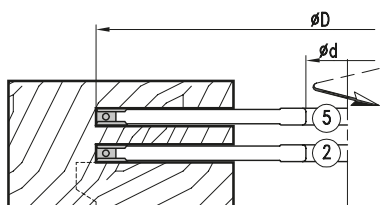
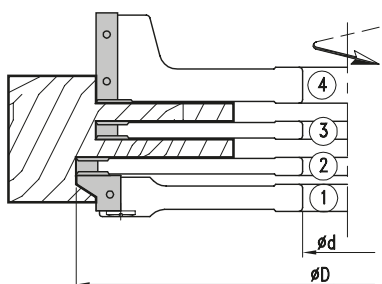
MEC

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*

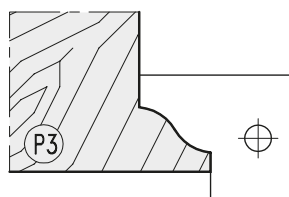
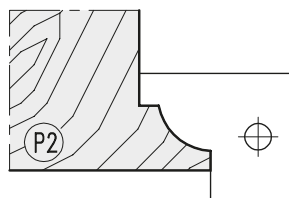
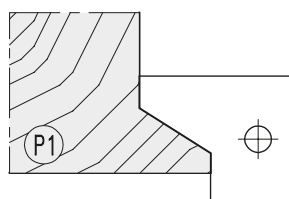
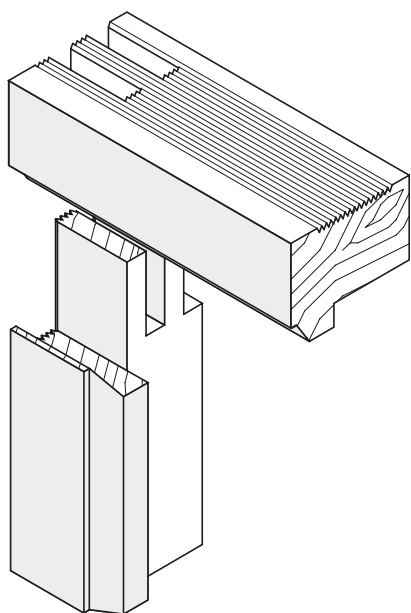
- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Türfuttern.
- Ausführung für mechanischen Vorschub.
- TC-Profile cutterhead with steel tool body and reversible knives for door cases.
- Layout for mechanical feed.

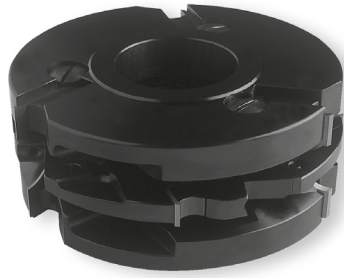

**Wechselmesser/Ersatzteile**  
*Reversible knives/Spare parts*

	Nr.	P	Dim.	Art.Nr.
Wechselmesser - <i>Reversible knife</i>	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 - <i>Clamping wedge</i>	1			707.085
	2/3/5			707.002.08
	4			707.130.50
Gewindestift - <i>Screw</i>			M8x16	705.542
	2/3/5		M6x16	705.535
Vorschneider - <i>Spur</i>			14x14x2	705.111
Spannschraube - <i>Screw</i>			M5x7	705.425
Sechskantschlüssel - <i>T Wrench</i>			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*

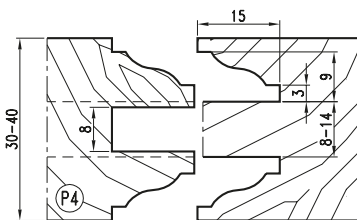
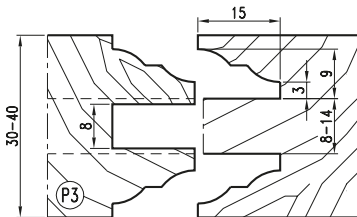
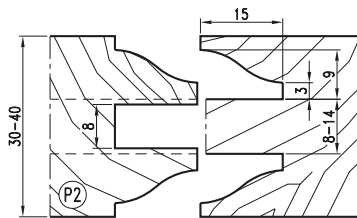
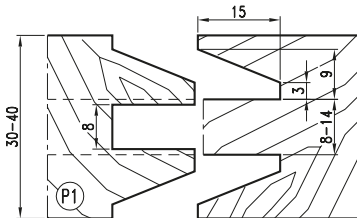
MAN

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

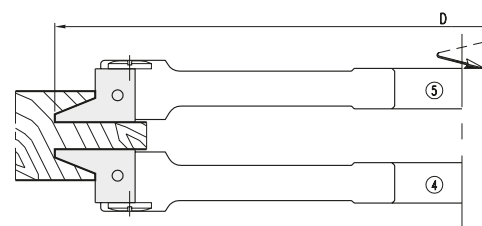
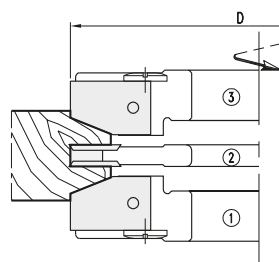
- ohne Wechselmesser
- *supplied without knives*

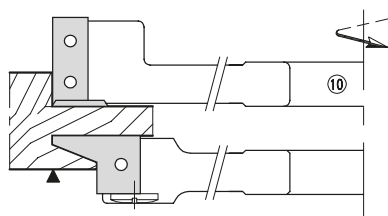
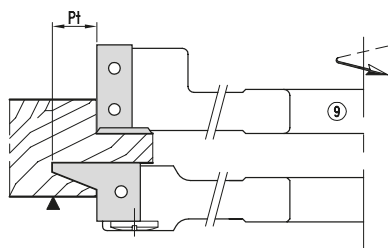
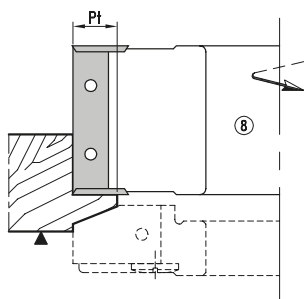
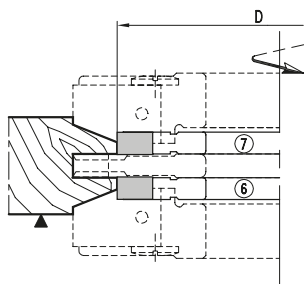
- WP-Profilmesserkopf mit Stahltragkörper zum Fräsen von Profil und Konterprofil an Massivholz-Rahmentüren.
- Zehn verschiedene Profilfräsgarnituren.
- Ausführung für manuellen Vorschub.
- *TC-profile cutterhead with steel tool body and reversible knives for profiles and counter profiles in solid wood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



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

	P	Dim.	Nr.	Art.Nr.
Wechselmesser - <i>Reversible knife</i>	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 - <i>Clamping wedge</i>		7,5x12x1,5	2	750.097
			1	707.080
			2	707.002.07
			3	707.081
			4	707.082
Gewindestift - <i>Screw</i>		M5x16	5	707.083
		M5x16	1	705.582
		M8x16	1	705.542
	Vorschneider - <i>Spur</i>	14x14x2	1	750.111
	Spannschraube - <i>Screw</i>	M5x6	1	705.424
Sechskantschlüssel - <i>T Wrench</i>		SW2,5 (M5)	1	706.102
		SW4 (M8)	1	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	<b>4899.110.008</b>
7		7,6	50	3			6900-12000	<b>4899.110.108</b>
8	132	30,0	50	3	3	11	5800-10000	<b>4899.132.030</b>
8		50,0	50	3	3	11	5800-10000	<b>4899.132.050</b>
8	140	50,0	50	4	4	15	5500-9500	<b>5769.140.050</b>
9	272	30,0	50	3	3	15	2800-4800	<b>5249.272.230</b>
9	280	30,0	50	3	3	11	2800-4700	<b>5249.280.230</b>
10	302	30,0	50	3	3		2600-4400	<b>5249.302.230</b>

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

	Nr.	Dim.	Art.Nr.
Wechselmesser - <i>Reversible knife</i>	6/7	7,5x12x1,5	<b>750.097</b>
	9/10	30x12x1,5	<b>750.104</b>
	8	50x12x1,5	<b>750.106</b>
Spannkeil - <i>Clamping wedge</i>	6/7		<b>707.002.07</b>
	9/10		<b>707.130.30</b>
	8		<b>707.130.50</b>
Gewindestift - <i>Screw</i>	6/7	M6x12	<b>705.533</b>
		M8x16	<b>705.542</b>
Vorschneider - <i>Spur</i>		14x14x2	<b>705.111</b>
Spannschraube - <i>Screw</i>		M5x7	<b>705.425</b>
Sechskantschlüssel - <i>T Wrench</i>		SW3(M6)	<b>706.103</b>
		SW4(M8)	<b>706.104</b>





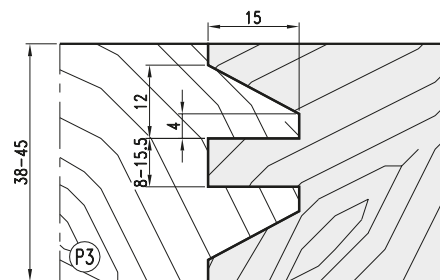
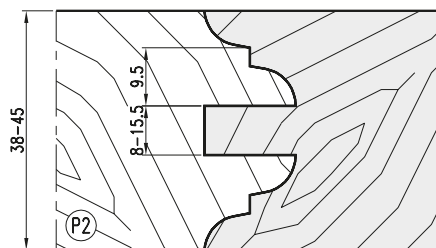
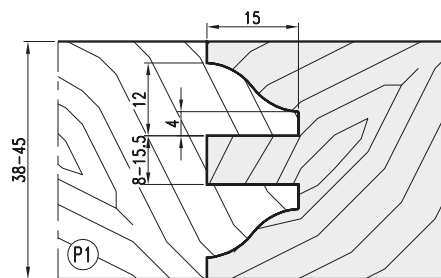
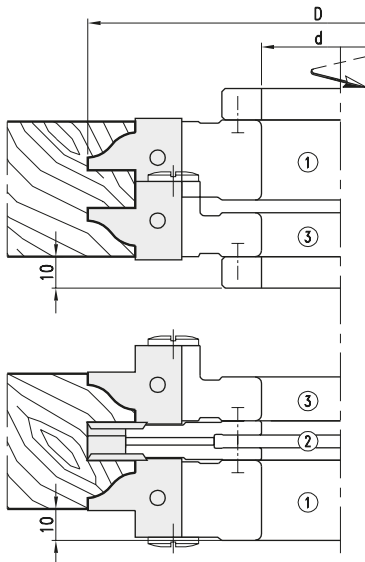

**Profil- und Konterprofilgarnitur für Türen**  
*Profile- and counterprofile cutterset for doors*
**MAN**
**HW**

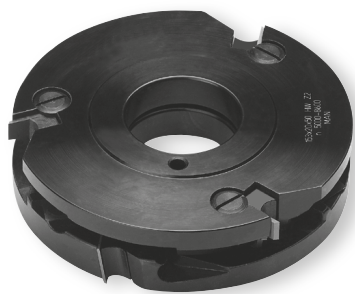
Nr.	D	B	d	Z	V	n min - n max	Art.Nr.
1	160	25	30/50	2		4800-8300	● 4894.160.025
2		8-15	30/50	4	4	4800-8300	● 4894.160.008
3		25	30/50	2		4800-8300	● 4894.160.125
Garnitur (1+2+3) • Cutterset (1+2+3)							4894.000.000

- WP-Profilmessenkopf 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		707.531
		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			M5x7	705.425
Sechskantschlüssel - T Wrench			SW2,5	706.102
			SW3	706.103





**Türprofil- und Konterprofilgarnitur**  
*Profile- and counterprofile cutterset for doors*

MAN

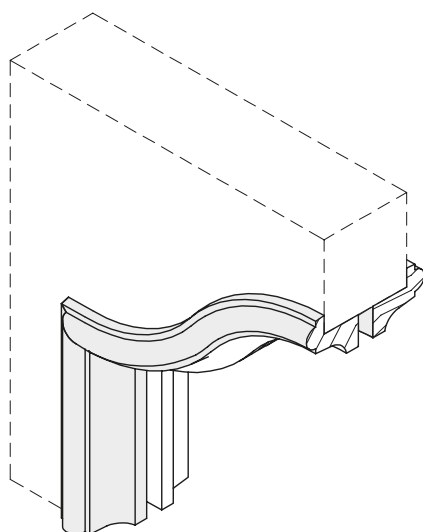
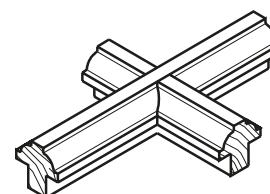
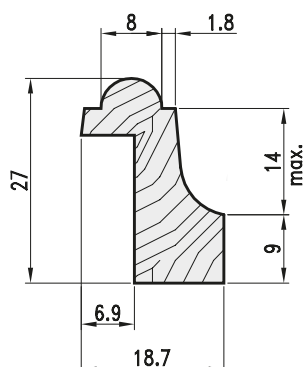
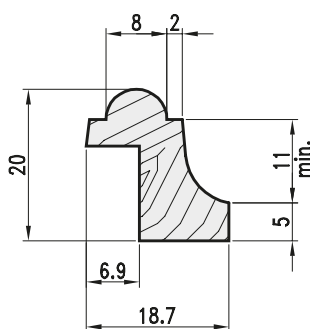
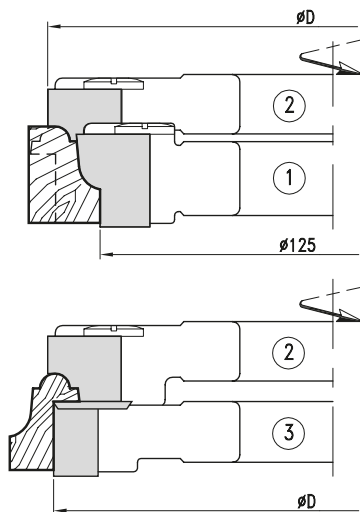
HW

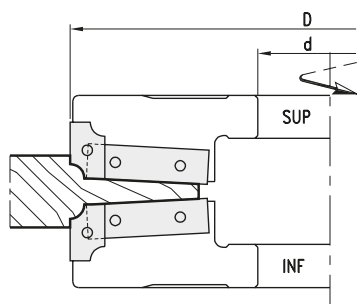
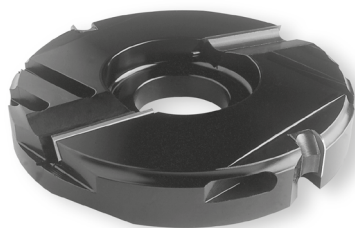
Nr.	D	B	d	Z	n min - n max	Art.Nr.
1	138	25	30/50	3	5600-9600	<b>4839.138.025</b>
2	153	20	30/50	3	5000-8600	<b>4839.153.020</b>
3	151	20	30/50	3	5000-8600	<b>4839.151.020</b>

- WP-Profilmesserkopf mit Stahltraggkörper 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	<b>785.774</b>
	2	20x20x2	<b>785.775</b>
	3	20x12x1,5	<b>750.102</b>
Spannkeil - <i>Clamping wedge</i>	1		<b>707.002.23</b>
	2		<b>707.576.01</b>
	3		<b>707.133.20</b>
Gewindestift - <i>Screw</i>		M8x16	<b>705.542</b>
Vorschneider - <i>Spur</i>		14x14x2	<b>750.111</b>
Spannschraube - <i>Screw</i>		M5x7	<b>705.425</b>
Sechskantschlüssel - <i>T Wrench</i>		SW4	<b>706.104</b>




**Abplattfräser**  
*Panel raising cutter*
**MAN**
**HW**

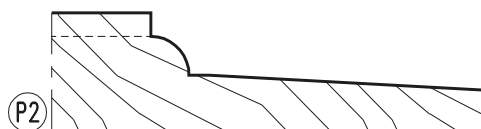
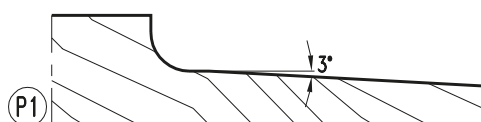
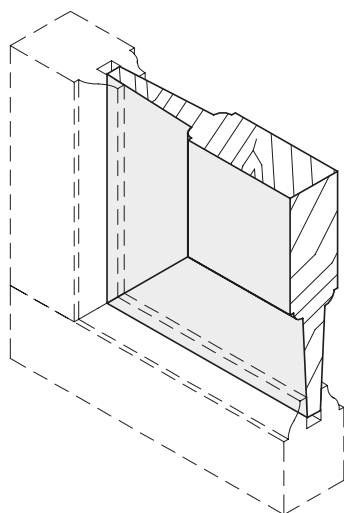
D	B	d	Z	n min - n max	SUP	INF
180	30	30/50	2+2	4300-7400	● 5279.180.030	5279.180.130

- 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.*

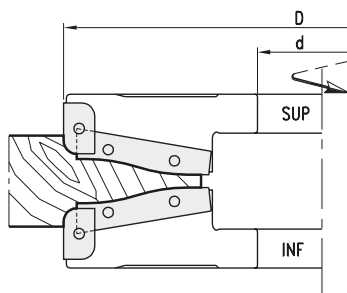
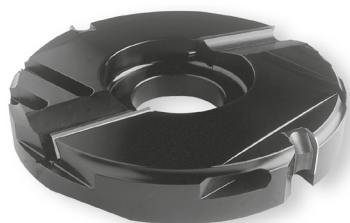
**Wechselmesser/Ersatzteile**  
*Reversible knives/Spare parts*

	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
Spankeil - <i>Clamping wedge</i>	SUP		707.273
	INF		707.275
Wendemesser - <i>Reversible knife</i>		50x12x1,5	750.106
	Spankeil - <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**

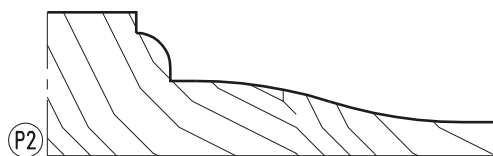
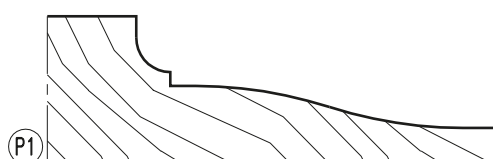
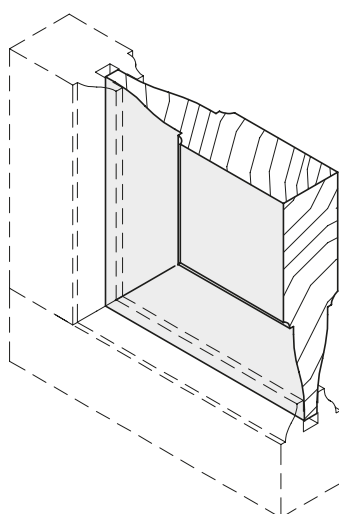
D	B	d	Z	n min - n max	SUP	INF
200	30	30/50	2+2	3900-6600	● 5279.200.030	5279.200.130

- Abplattfräser wird mit P1 geliefert, auf Anfrage mit P2, P3 oder Profilen nach Wunsch.
- *Cutterhead equipped with tips for basic profile P1*
- WP-Profilmesserkopf mit Stahltragkörper zum Abplatten von Rahmenfüllungen.
- Profilmesserkopf für drei verschiedene Abplattprofile zum einseitigen oder beidseitigen Abplatten.
- Ausführungen für manuellen Vorschub.
- *TC-Panel raising cutter with steel tool body and reversible knives for solid wood panels.*
- *Cutterhead for three different panel raising profiles by knife change.*
- *Layout for manual feed.*

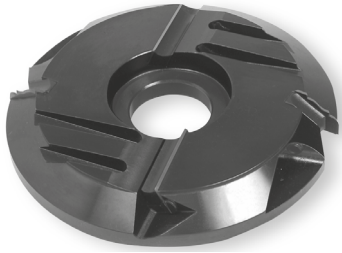
**Wechselmesser/Ersatzteile**  
*Reversible knives/Spare parts*

	Nr.	Dim.	Art.Nr.
Wechselmesser - <i>Reversible knife</i>	1 (SUP)	20x12x1,5	<b>781.111</b>
	2	20x12x1,5	<b>781.112</b>
	3	20x12x1,5	<b>781.113</b>
1 (INF)	1 (INF)	20x12x1,5	<b>781.114</b>
	2	20x12x1,5	<b>781.115</b>
	3	20x12x1,5	<b>781.116</b>
Spannkeil - <i>Clamping wedge</i>	SUP		<b>707.273</b>
	INF		<b>707.275</b>
Wendemesser - <i>Reversible knife</i>	SUP	60x12x1,5	<b>781.120</b>
	INF	60x12x1,5	<b>781.121</b>
Spannkeil - <i>Clamping wedge</i>	SUP		<b>707.272</b>
	INF		<b>707.277</b>
Gewindestift - <i>Screw</i>		M8x16	<b>705.542</b>
Sechskantschlüssel - <i>T Wrench</i>		SW4	<b>706.104</b>
Einstellehre - <i>Adjusting gauge</i>		1,0	<b>709.504</b>

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

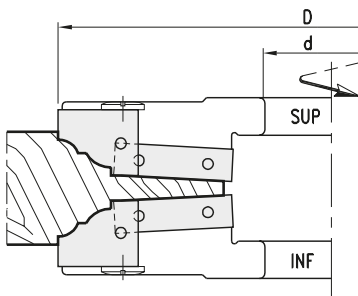


- Weitere Profilmöglichkeiten
- *Further profile variations*


**Abplattfräser**  
*Panel raising cutter*
**MAN**
**HW**

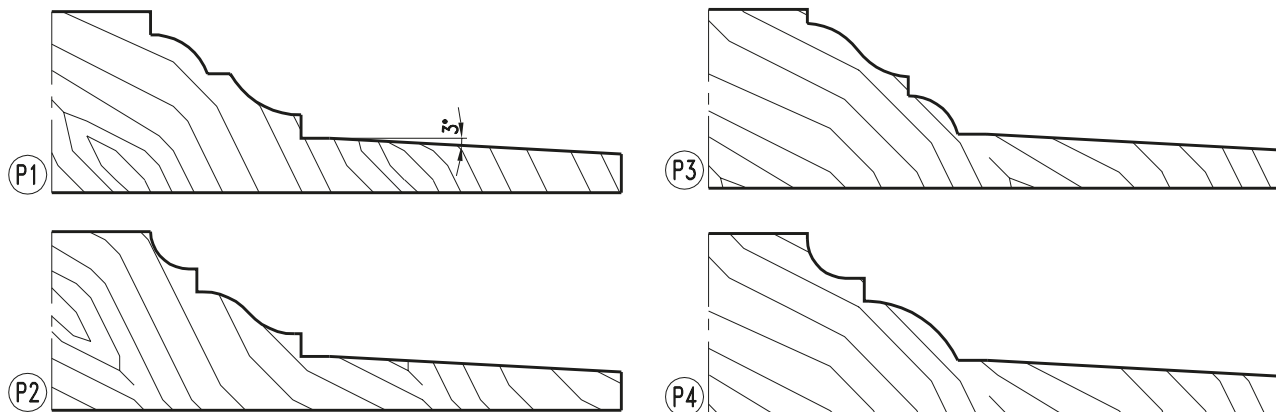
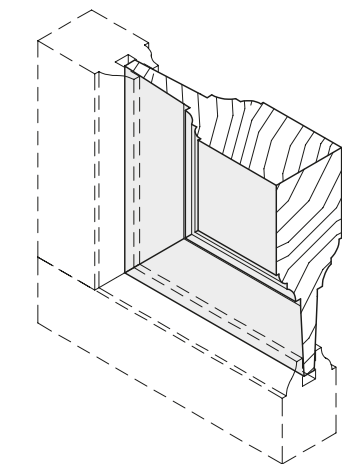
D	B	d	Z	n min - n max	SUP	INF
200	30	30/50	2+2	3900-6600	● 5279.200.030	5279.200.130

- 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.

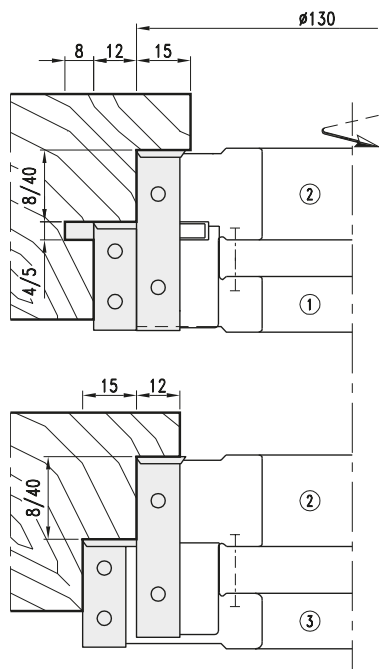

**Wechselmesser/Ersatzteile**  
*Reversible knives/Spare parts*

	Nr.	Dim.	Art.Nr.
Wechselmesser - <i>Reversible knife</i>	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 - <i>Clamping wedge</i>	SUP		707.561
	INF		707.953
Wendemeser - <i>Reversible knife</i>		50x12x1,5	750.106
Spannkeil - <i>Clamping wedge</i>	SUP		707.144
	INF		707.139
Gewindestift - <i>Screw</i>		M8x16	705.542
		M10x16	705.551
Sechskantschlüssel - <i>T Wrench</i>		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

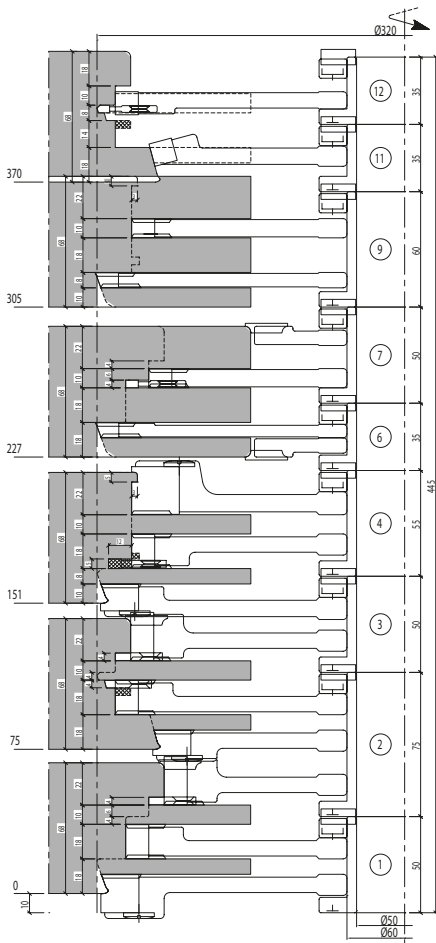
Nr.	D	B	d	Z	V	l	n min - n max	Art. Nr.
1	154	30	50	2	2	2	5000-8600	<b>5299.154.030</b>
2	130	50	50	2	2		5800-10000	<b>5299.130.050</b>
3	160	30	50	2	2		4800-8200	<b>5299.160.030</b>
4	140	30	50	2	2		5500-9500	<b>5299.140.030</b>
5	124	30	50	2	2		6400-11100	<b>5299.124.030</b>

- 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.*

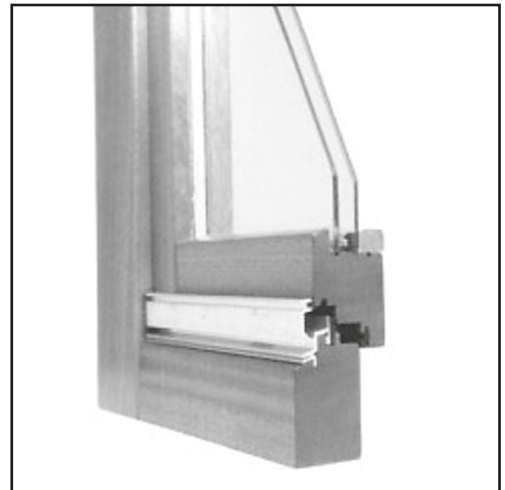
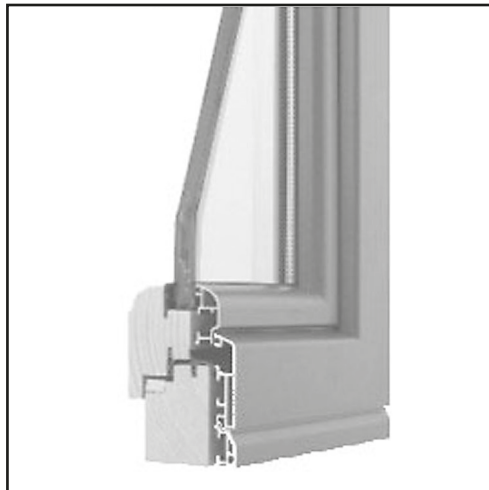
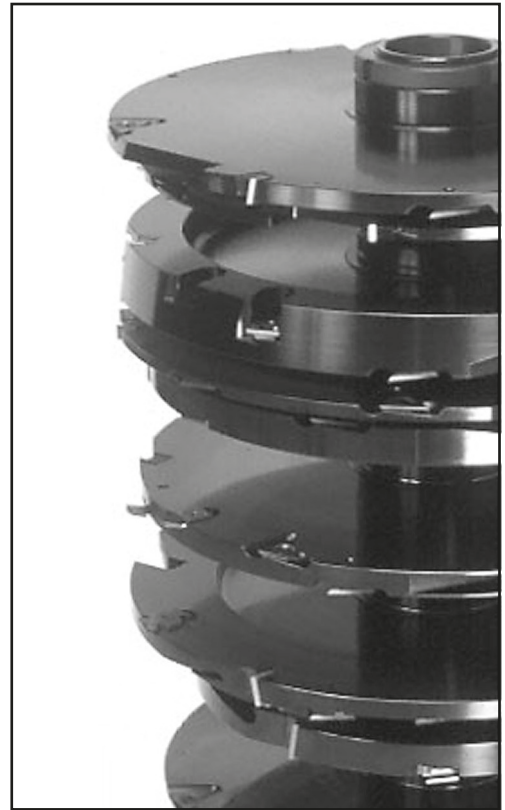
**Wechselmesser/Ersatzteile**
*Reversible knives/Spare parts*

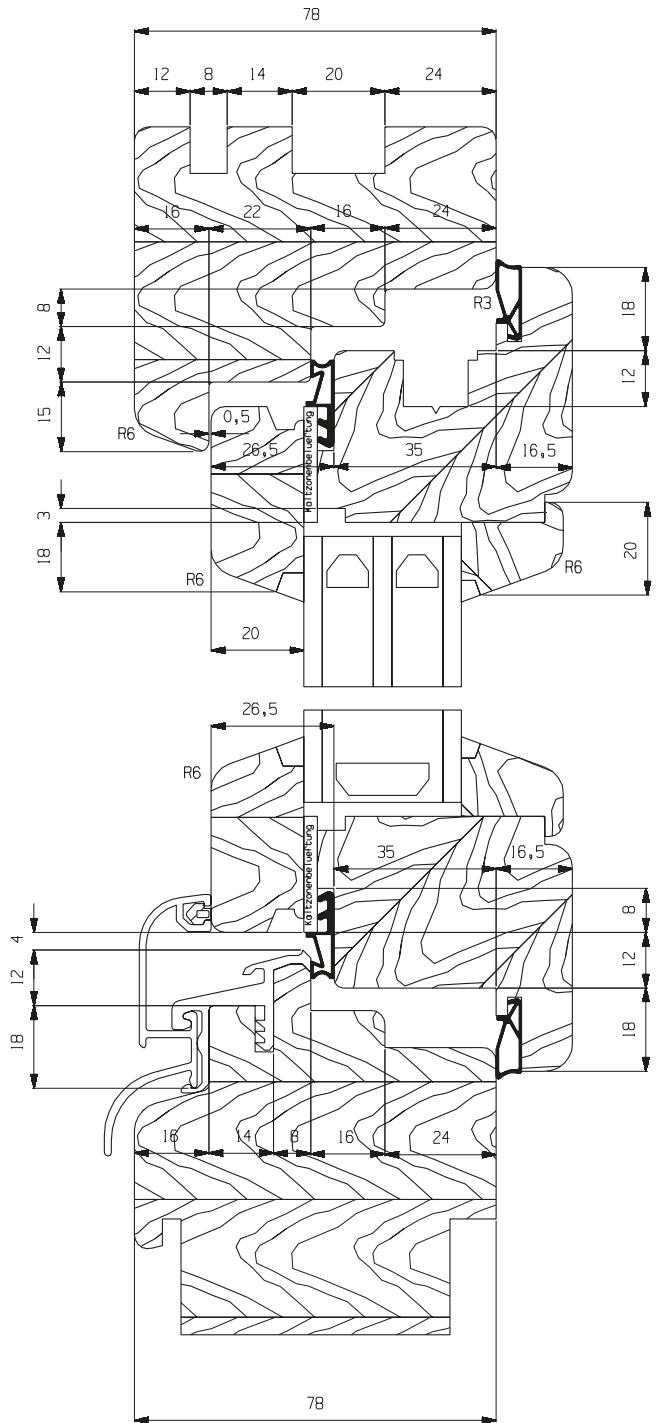
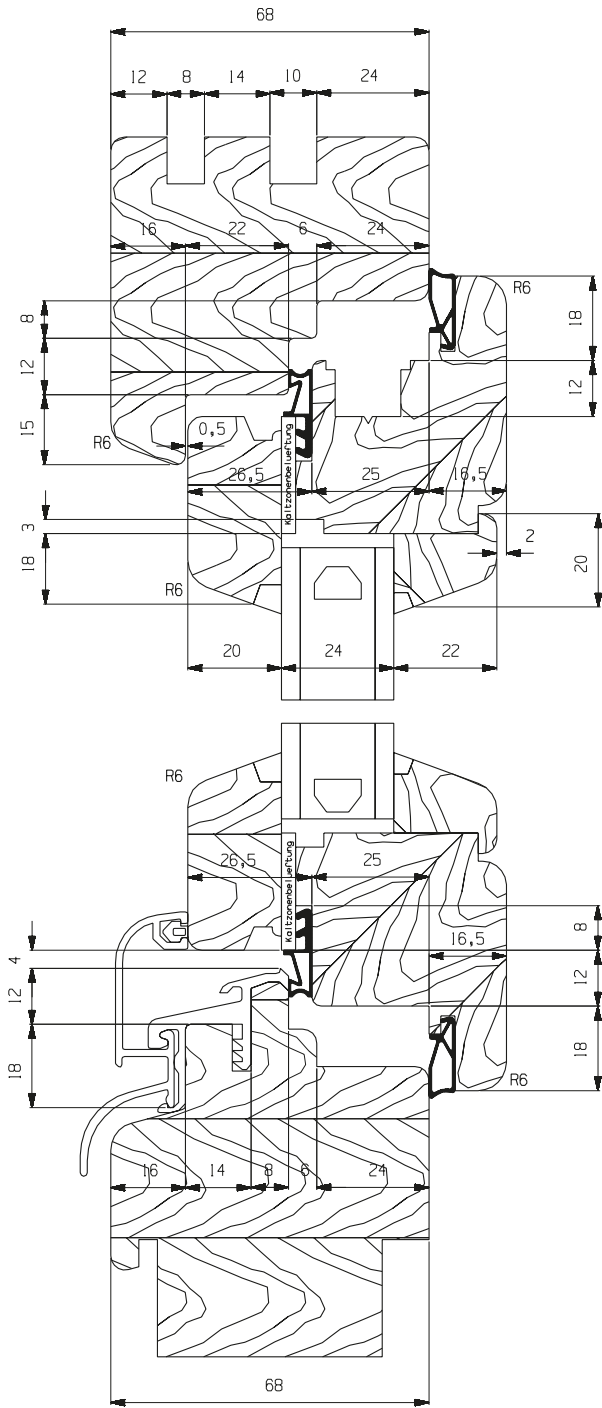
	Nr.	Dim.	Art.Nr.
Wechselmesser - <i>Reversible knife</i>		30x12x1,5	<b>750.104</b>
		50x12x1,5	<b>750.106</b>
Spannkeil - <i>Clamping wedge</i>	1/3/4/5		<b>707.002.28</b>
	2		<b>707.002.48</b>
Gewindestift - <i>Screw</i>		M8x16	<b>705.542</b>
Vorschneider - <i>Spur</i>	2	14x14x2	<b>750.111</b>
Spannschraube - <i>Screw</i>		M5x7	<b>705.425</b>
Nutmesser - <i>Grooving knife</i>		17x35x4	<b>783.120</b>
		17x35x5	<b>783.121</b>
Schraube - <i>Screw</i>		M5x13,5	<b>705.318</b>
Sechskantschlüssel - <i>T Wrench</i>		SW3(M5)	<b>706.103</b>
		SW4(M8)	<b>706.104</b>

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

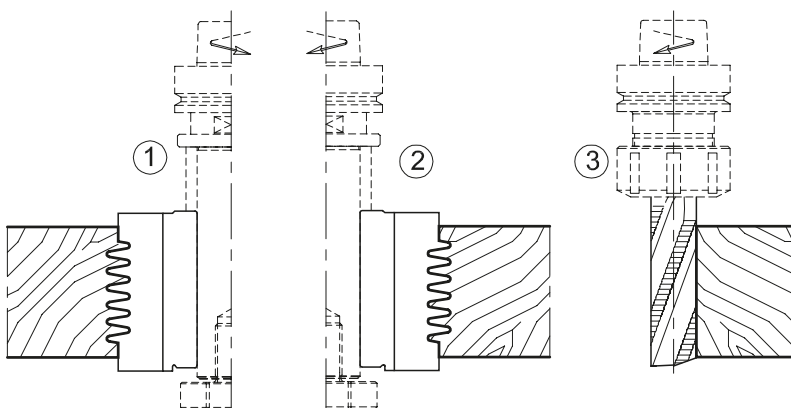
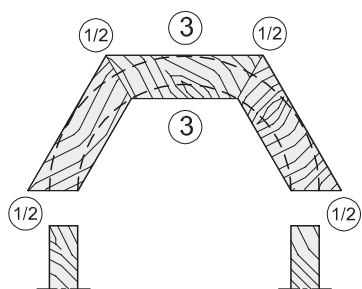


- Werkzeuge zur Fensterherstellung für alle Bearbeitungsmaschinen (manueller oder mechanischer Vorschub). Hergestellt konform zur Norm DIN EN-847-1.
  - Fenstergarnituren werden auf die erforderlichen Nullabstimmungsdurchmesser aufgebaut.
  - Alle Werkzeugsätze sind mit Schraubbüchsen verschraubt.
 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

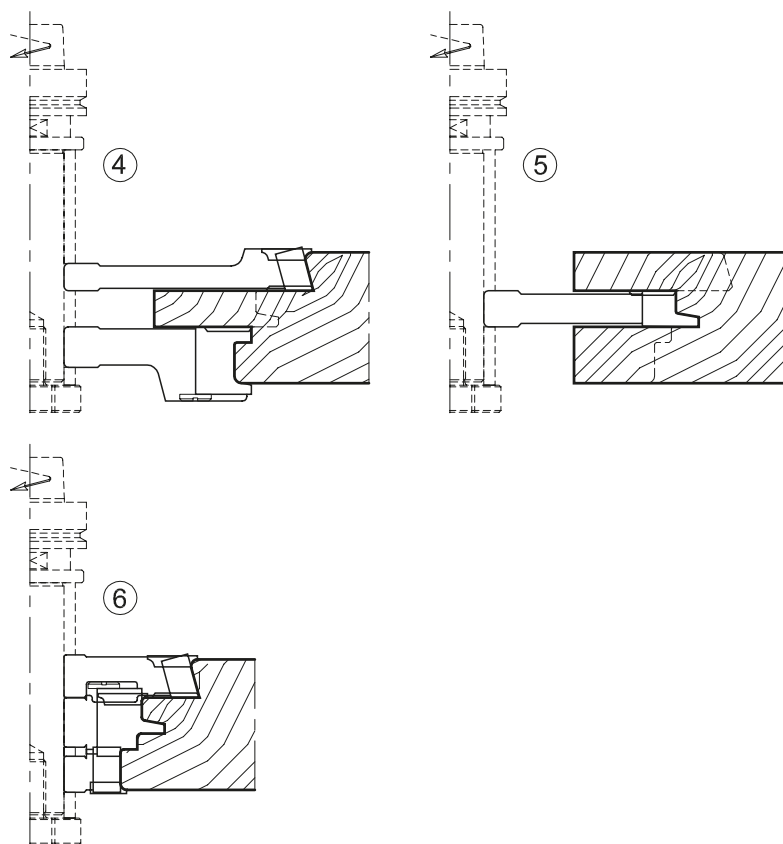
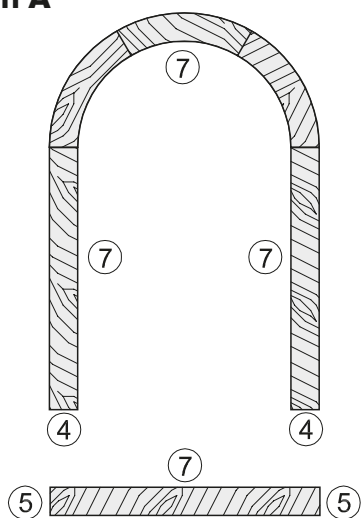




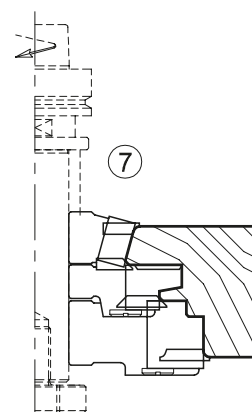
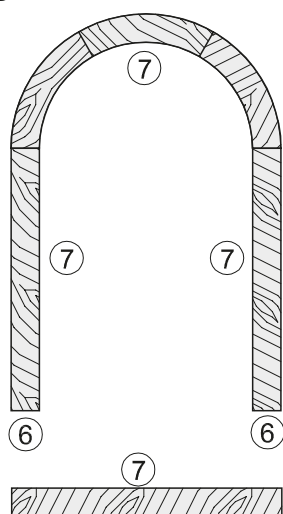




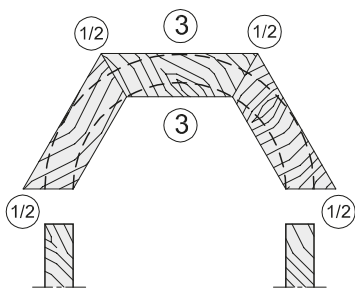
**Option A**



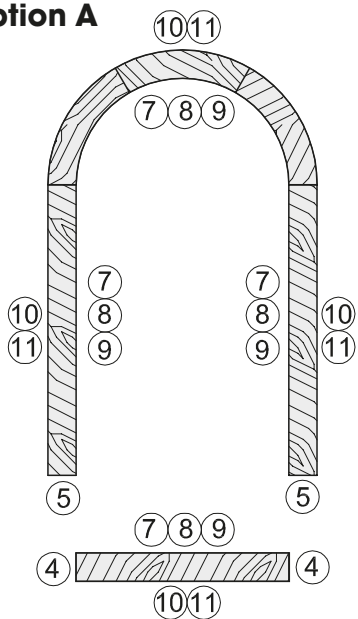
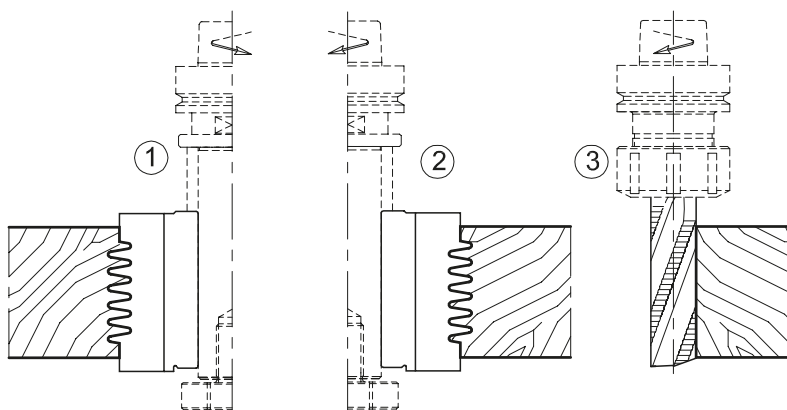
**Option B**



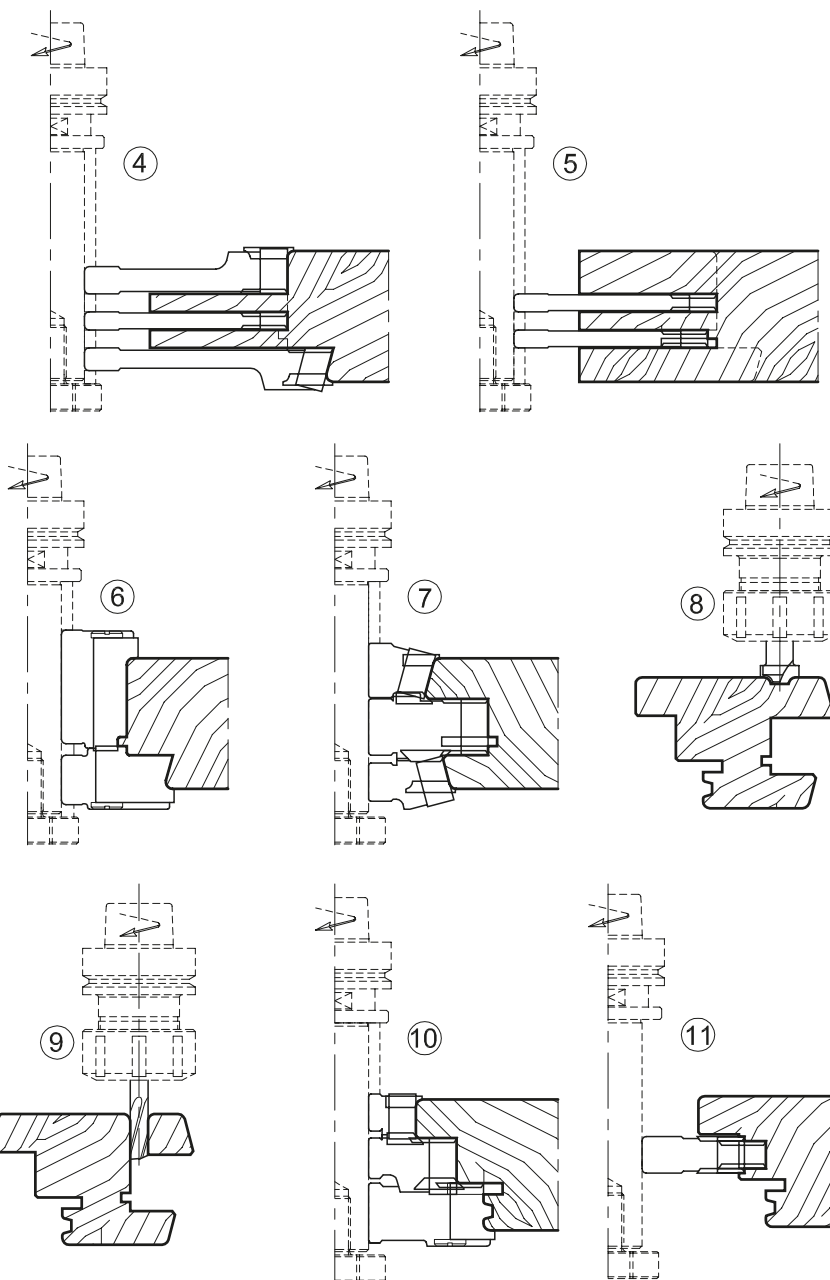
- 01 Sägen
- 02 Hobeln
- 03 Hobeln / Fräsen
- 04 Profildrehen**
- 05 Nut- und Federfräsen
- 06 Ob-vertiefen
- 07 Bohren
- 08 PKD-Werkzeuge
- 09 Spannen
- 10 Ersatzteile
- 11 Informationen



Option A



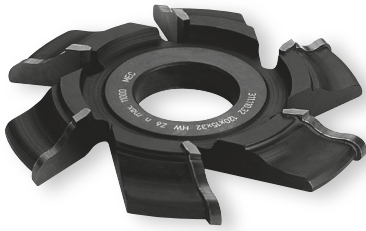
Option B



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

MEC

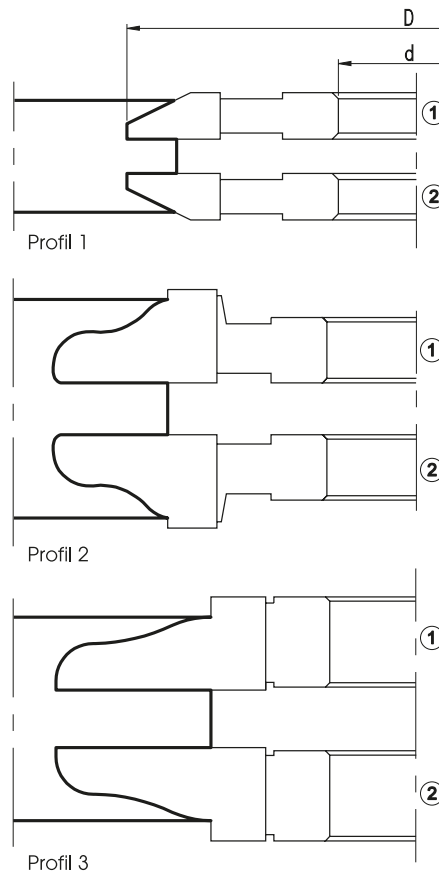
HW



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

- 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.*

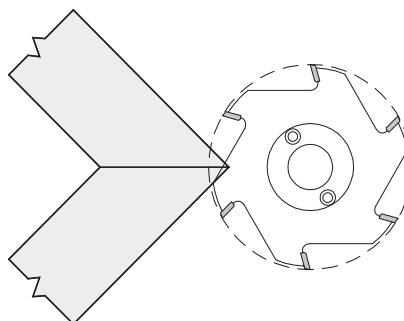
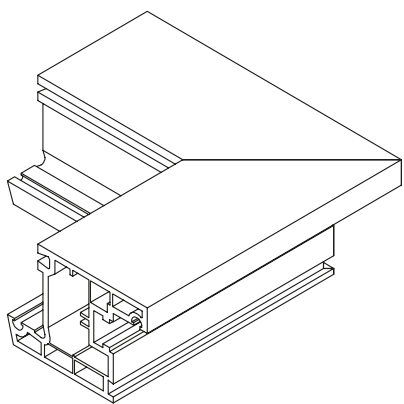



**Verputzfräser** (auf Anfrage)

Zum Überfräsen der verschweißten Gehrungsprofile

**Deburring cutters** (under request)

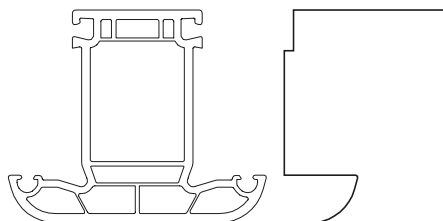
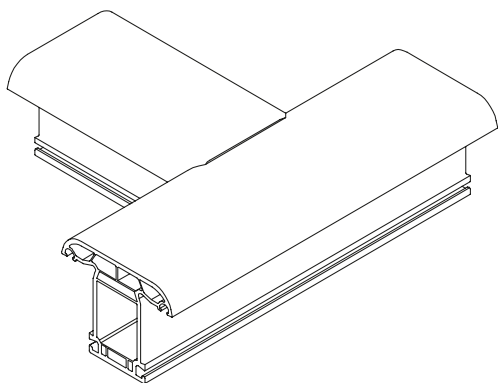
To clear welding excess on PVC windows and frames.  
 Profiles compensated at 45° and set up to each job.

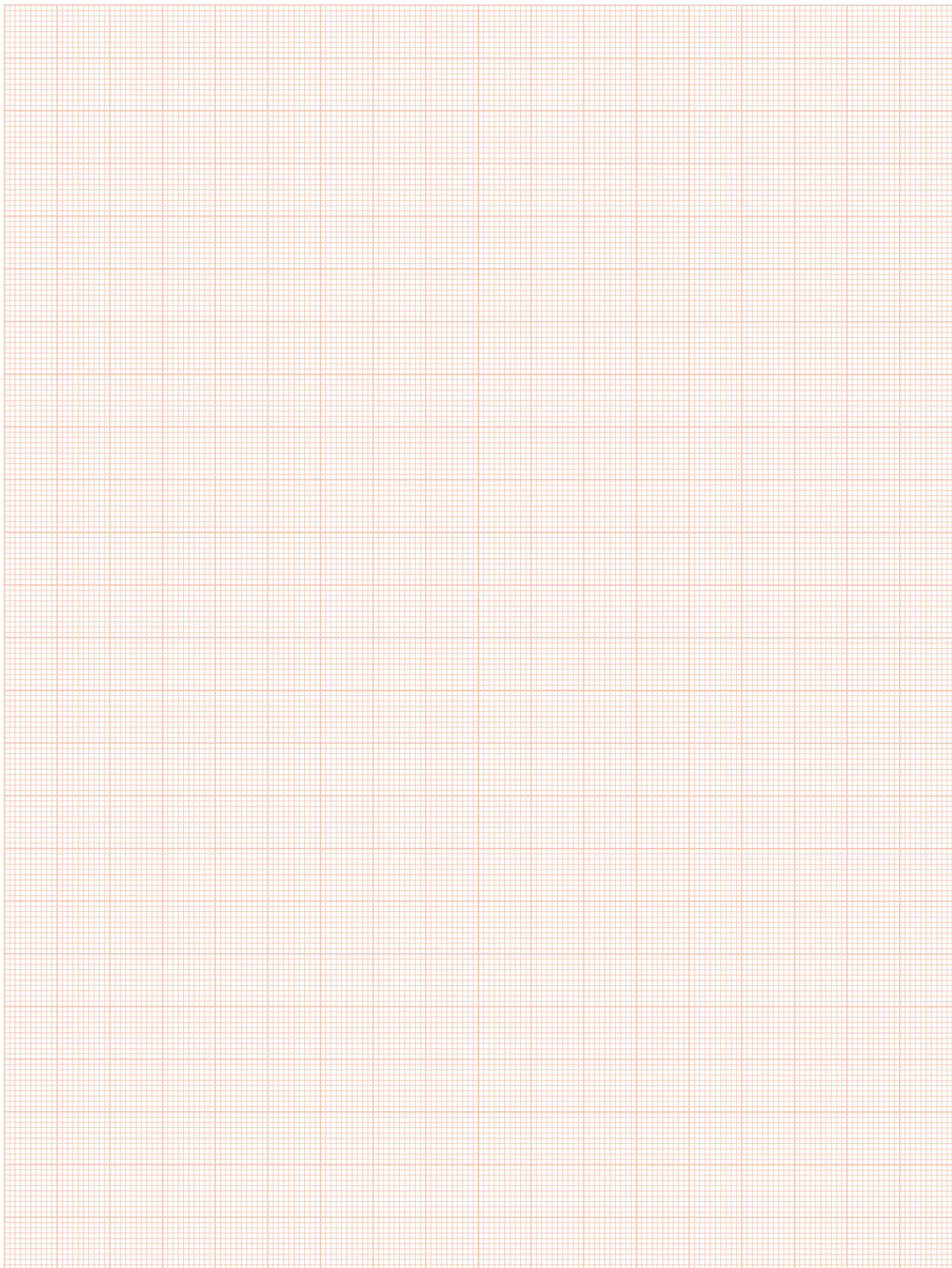

**Profil-Konterprofilfräser** (auf Anfrage)

Zum Fräsen von PVC-Profilen

**Counterprofile cutters** (under request)

For milling counter profiles a 90°.





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

