

## 7. Clamping systems

### 7.4 Clamping arbors

#### 7.4.3 Adaptors for circular sawblades



#### Flange for circular sawblades

##### Application:

To mount circular sawblades on arbors.

##### Technical information:

Saw blade flange is mounted on arbor with diameter  $d = 30$  mm by clamping screws and pins. The length and the dimension A are flexible and defined by spacers. Maximum sawblade diameter 350 mm.

##### Flange adaptor

TR 810 0

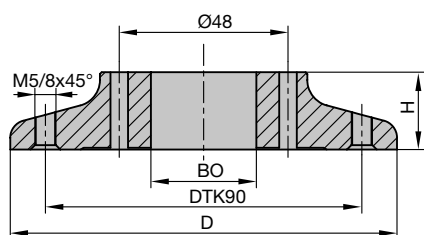
Machine	H	BO	D	$l_{max}$	TK	Weight	ID
	mm	mm	mm	mm		kg	
Universal	22	30	110	3.5	90	0.9	<b>066752 ●</b>

##### Spare parts:

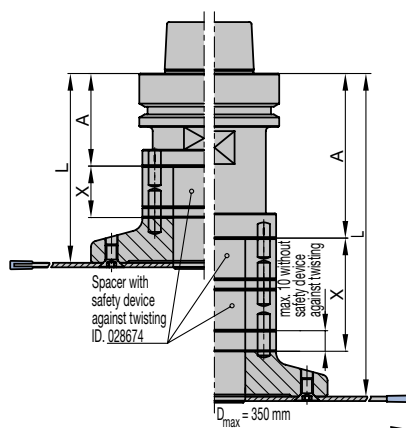
BEZ	ABM	ID
	mm	
Countersink screw, Torx® 20	M5x12	<b>006247 ●</b>
Torx® key	Torx® 20	<b>117511 ●</b>
Spacer with cylindrical pins	60x20x30	<b>028674 ●</b>

Suitable spacers, see section Knives and Spare Parts.

Clamping length L depending on spacer thickness X and the dimension A of the arbor used:

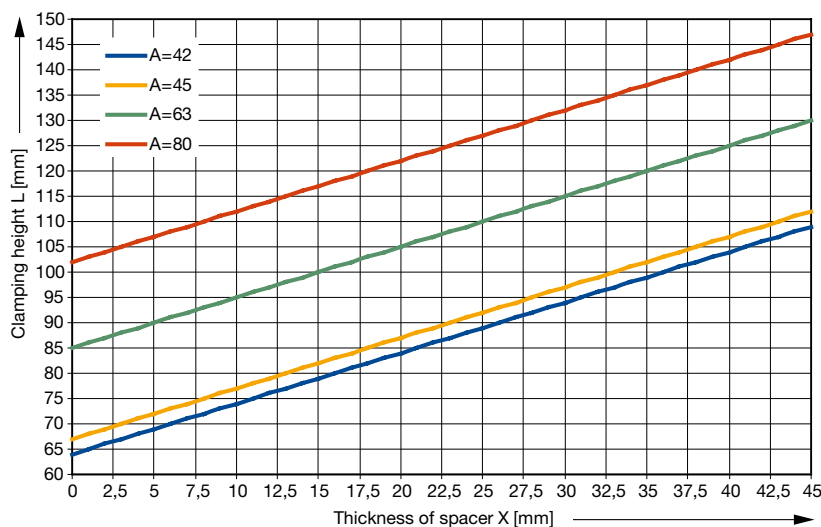


Flange TR 810 0



##### Note:

Variable clamping length through the combination of spacers without pins and spacers with pins for the safety device against twisting ID **028674**. Maximum thickness of the spacers without safety device against twisting = 10 mm.



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## 5. Routing

### 5.4 Profiling

#### 5.4.3 Tools for furniture and interior construction



#### Profile cutterhead set ProfilCut Q - Panel raising

##### Application:

For panel raising profiles for framed doors, ceilings, wall coverings etc.

##### Machine:

Stationary routers with/without CNC control, milling machines with spindles to mount shank tools.

##### Workpiece material:

Softwood and hardwood.

##### Technical information:

Panel edge jointing by mounting an additional jointing cutterhead ID **041221**. Cutterhead with changeable knives and shear angle.



##### Panel raising depth max. 49 mm

SG 599 2 53, TR 811 0, WE 550 2 53

Tool Type	ABM mm	Z	$n_{\max}$ $\text{min}^{-1}$	ID
Cutterhead	132x43x20	2	11600	<b>125273</b>
Cover plate	46x9.5x20			<b>007925</b>
Cutterhead mounted on arbor	1-part			<b>426095</b>

Unless stated otherwise, tools are right hand rotation.

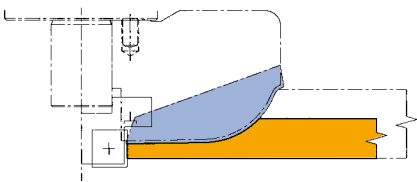
Cutter arbor see section Clamping Systems.

##### Spare knives:

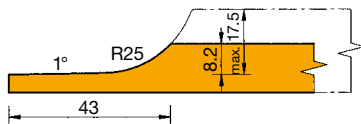
Part-no.	BEZ	ABM mm	QAL	VE PCS	ID
1	Turnblade knife	12x12x1.5	HW-05F	10	<b>005081</b> ●
1	ProfilCut Q knife	60x20.47x2	MC		<b>619343</b>

##### Spare parts:

Part-no.	BEZ	ABM mm	ID
2	Clamping wedge profiled	57x28.97x7.25	<b>629255</b>
3	Clamping screw w. disc, Torx® 25	M6x18.5	<b>007442</b> ●
4	Torx® key	Torx® 25	<b>117504</b> ●
	Oval head screw Torx® 15	M4x6	<b>006225</b> ●
	Torx® key	Torx® 15	<b>117507</b> ●



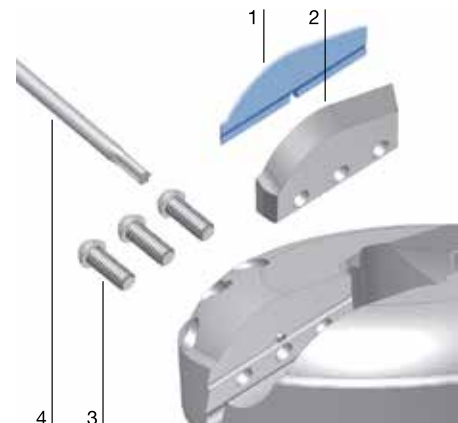
##### Example



##### Jointing

WW 200 2 NN

Tool Type	ABM mm	QAL	Z	ID
Jointing cutterhead	30/46x12/22.5x20	HW	2	<b>041221</b>



## 5. Routing

### 5.4 Profiling

#### 5.4.3 Tools for furniture and interior construction



#### Profile cutterhead set ProfilCut Q - Panel raising

##### Application:

For panel raising profiles for framed doors, ceilings, wall coverings etc.

##### Machine:

Stationary routers with/without CNC control, milling machines with spindles to mount shank tools.

##### Workpiece material:

Softwood and hardwood.

##### Technical information:

Panel edge jointing by mounting an additional jointing cutterhead ID **041221**. Cutterhead with changeable knives and shear angle. Profile can be changed by replacing the knives.



##### Panel raising depth max. 40 / 50 mm with/without jointing

SG 599 2 53, TR 811 0, WE 550 2 53

Tool Type	P	ABM mm	QAL	Z	$n_{max}$ min <sup>-1</sup>	ID
Cutterhead	1	110x40/40x20	MC	2	13800	<b>125274</b> ●
Cover plate		46x9.5x20				<b>007925</b>
Cutterhead mounted on arbor		1-part	MC			<b>426096</b> □

Unless stated otherwise, tools are right hand rotation.

Cutter arbor see section Clamping Systems.

##### Spare knives:

Part-no.	BEZ	P	ABM mm	QAL	VE PCS	ID
	Turnblade knife		12x12x1.5	HW-05F	10	<b>005081</b> ●
1	ProfilCut Q knife	1	50x14.5x2	MC		<b>619344</b>
1	ProfilCut Q knife	2	50x14.56x2	MC		<b>619345</b>

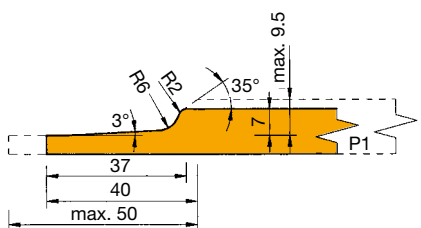
##### Spare parts:

Part-no.	BEZ	ABM mm	ID
2	Clamping wedge profiled	47x23x7.25	<b>629256</b>
3	Clamping screw w. disc, Torx® 25	M6x18.5	<b>007442</b> ●
4	Torx® key	Torx® 25	<b>117504</b> ●
	Oval head screw Torx® 15	M4x6	<b>006225</b> ●
	Torx® key	Torx® 15	<b>117507</b> ●

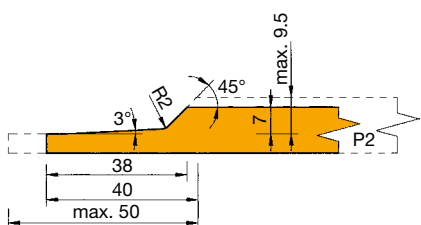
##### Jointing

WW 200 2 NN

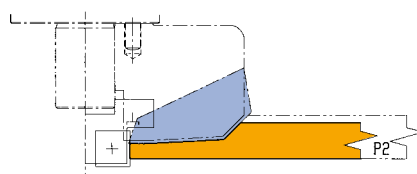
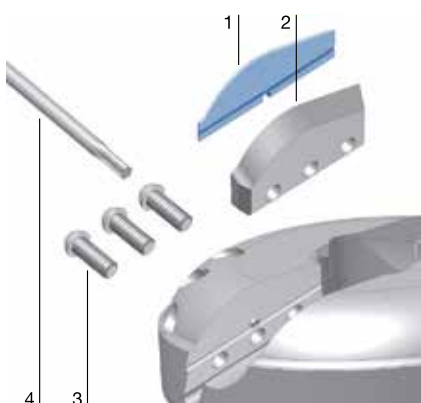
Tool Type	ABM mm	QAL	Z	ID
Jointing cutterhead	30/46x12/22.5x20	HW	2	<b>041221</b>



P1



P2



Example

## 5. Routing

### 5.4 Profiling

#### 5.4.3 Tools for furniture and interior construction



#### Profile cutterhead set ProfilCut Q - Panel raising

##### Application:

For panel raising profiles for framed doors, ceilings, wall coverings etc.

##### Machine:

Stationary routers with/without CNC control, milling machines with spindles to mount shank tools.

##### Workpiece material:

Softwood and hardwood.

##### Technical information:

Panel edge jointing by mounting an additional jointing cutterhead ID **041221**. Cutterhead with changeable knives and shear angle. Profile can be changed by replacing the knives.



##### Panel raising depth max. 54 mm

SG 599 2 53, TR 811 0, WE 550 2 53

Tool Type	P	ABM mm	QAL	Z	n <sub>max</sub> min <sup>-1</sup>	ID
Cutterhead	1	124x20/36x20	MC	2/2	12300	<b>125275</b>
Cover plate		46x9.5x20				<b>007925</b>
Cutterhead mounted on arbor	1	1-part	MC	2/2	12300	<b>426097</b>

Unless stated otherwise, tools are right hand rotation with profile P1.

Cutter arbor see section Clamping Systems.

##### Spare knives:

Part-no.	BEZ	P	ABM mm	QAL	VE PCS	ID
	Turnblade knife		12x12x1.5	HW-05F	10	<b>005081</b> ●
1	ProfilCut Q knife	1	20x27x2	MC		<b>619346</b>
1	ProfilCut Q knife	2	20x27x2	MC		<b>619347</b>
1	ProfilCut Q knife	3	20x27x2	MC		<b>619348</b>
1	ProfilCut Q knife	4	20x27x2	MC		<b>619349</b>
1	ProfilCut Q knife	5	20x27x2	MC		<b>619350</b>
2	Turnblade knife		40x8x1.5	HW-30F	10	<b>005074</b> ●

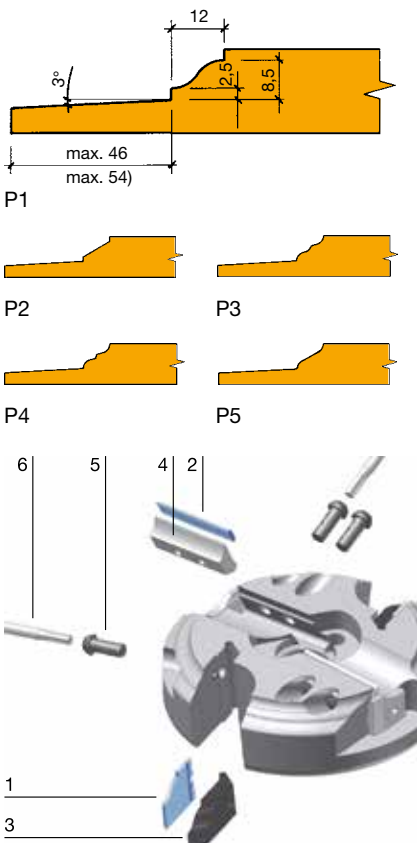
##### Spare parts:

Part-no.	BEZ	P	ABM mm	ID
3	Clamping wedge profiled	1-5	18x37.46x8.27	<b>629257</b>
4	Clamping wedge		37x16.8x7.25	<b>009577</b> ●
5	Clamping screw w. disc, Torx® 25		M6x18.5	<b>007442</b> ●
6	Torx® key		Torx® 25	<b>117504</b> ●
	Oval head screw Torx® 15		M4x6	<b>006225</b> ●
	Torx® key		Torx® 15	<b>117507</b> ●
	Cover plate		46x9.5x20	<b>007925</b>

##### Jointing

WW 200 2 NN

Tool Type	ABM mm	QAL	Z	ID
Jointing cutterhead	30/46x12/22.5x20	HW	2	<b>041221</b>



## 5. Routing

## 5.4 Profiling

### 5.4.3 Tools for furniture and interior construction



#### Profile cutterhead set ProfilCut Q - Panel raising

##### Application:

For panel raising profiles for framed doors, ceilings, wall coverings etc.

##### Machine:

Stationary routers with/without CNC control, milling machines with spindles to mount shank tools.

##### Workpiece material:

Softwood and hardwood.

##### Technical information:

Panel edge jointing by mounting an additional jointing cutterhead ID **041221**. Cutterhead with changeable knives and shear angle. Profile can be changed by replacing the knives.



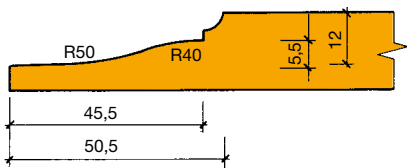
##### Panel raising depth max. 50 mm

SG 599 2 53, TR 811 0, WE 550 2 53

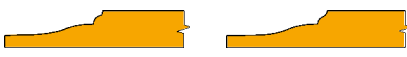
Tool Type	P	ABM mm	QAL	Z	$n_{max}$ $min^{-1}$	ID
Cutterhead	1	131x20/36x20	MC	2/2	11600	<b>125276</b>
Cover plate		46x9.5x20				<b>007925</b>
Cutterhead mounted on arbor	1	1-part	MC	2/2	11600	<b>426098</b>

Unless stated otherwise, tools are right hand rotation with profile P1.

Cutter arbor see section Clamping Systems.



P1



P2



P3

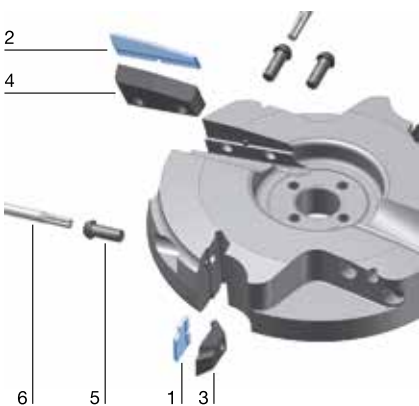


P4



P5

Profile examples



##### Spare knives:

Part-no.	BEZ	P	ABM mm	QAL	VE PCS	ID
	Turnblade knife		12x12x1.5	HW-05F	10	<b>005081</b> ●
1	ProfilCut Q knife	1	20x16x2	MC		<b>619351</b>
1	ProfilCut Q knife	2	20x16x2	MC		<b>619352</b>
1	ProfilCut Q knife	3	20x16x2	MC		<b>619353</b>
1	ProfilCut Q knife	4	20x16x2	MC		<b>619354</b>
1	ProfilCut Q knife	5	20x16x2	MC		<b>619355</b>
2	ProfilCut Q knife (pan.rais.)		50x11.68x2	MC		<b>619356</b>

##### Spare parts:

Part-no.	BEZ	P	ABM mm	ID
3	Clamping wedge profiled	1-5	18x26.46x8.27 (P1-5)	<b>629258</b>
4	Clamping wedge profiled		47x20.18x7.25 (raised panel)	<b>629259</b>
5	Clamping screw w. disc, Torx® 25		M6x18.5	<b>007442</b> ●
6	Torx® key		Torx® 25	<b>117504</b> ●
	Oval head screw Torx® 15		M4x6	<b>006225</b> ●
	Cover plate		46x9.5x20	<b>007925</b>

##### Jointing

WW 200 2 NN

Tool Type	ABM mm	QAL	Z	ID
Jointing cutterhead	30/46x12/22.5x20	HW	2	<b>041221</b>

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