

**Design:**

- 5 tools on a milling arbor

**Application:**

- Production of house doors using the splitting method

**Workpiece Material:**

- Solid wood

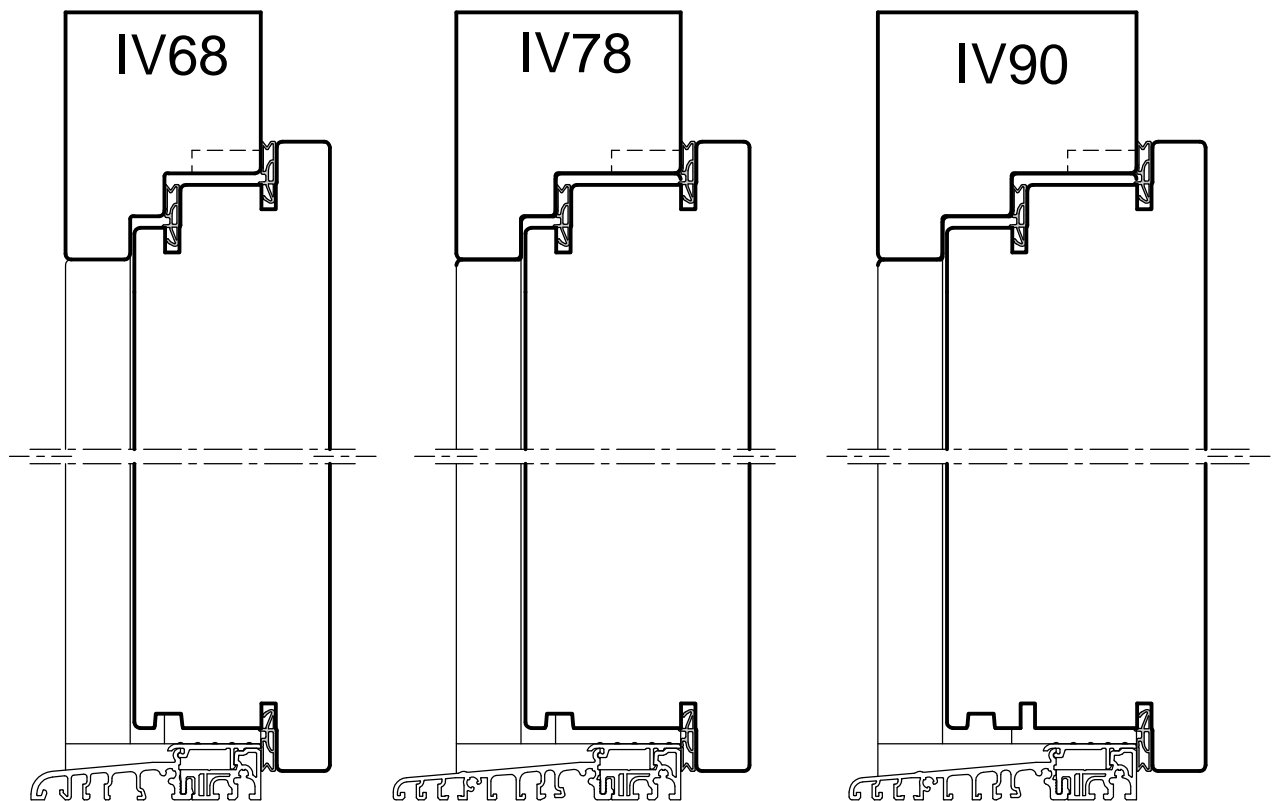
**Machine:**

- CNC machining centres

**Scope of Supply:**

- C715-1-F1
- C715-2-F1
- C715-3-F2
- C715-4-F2
- C715-5-F1
- Section drawings
- Production process

## Section Drawings



**Aigner**  
WERKZEUGE

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Blattformat: **A4** All dimensions  
in mm

Zchnng.-Nr. KW.47150.4 | 00

**C715-SET**



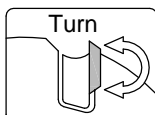
# WM-Rebate-Cutter

C715-1

Cutting Material  
**TC**

Number of Teeth  
**Z 2**

Feed  
**MEC**



**Design:**

- Tool body in light alloy
- TC indexable cutters
- TC positive spur R1

**Application:**

- Jointing, rebating and planing

**Workpiece Material:**

- Solid wood

**Machine:**

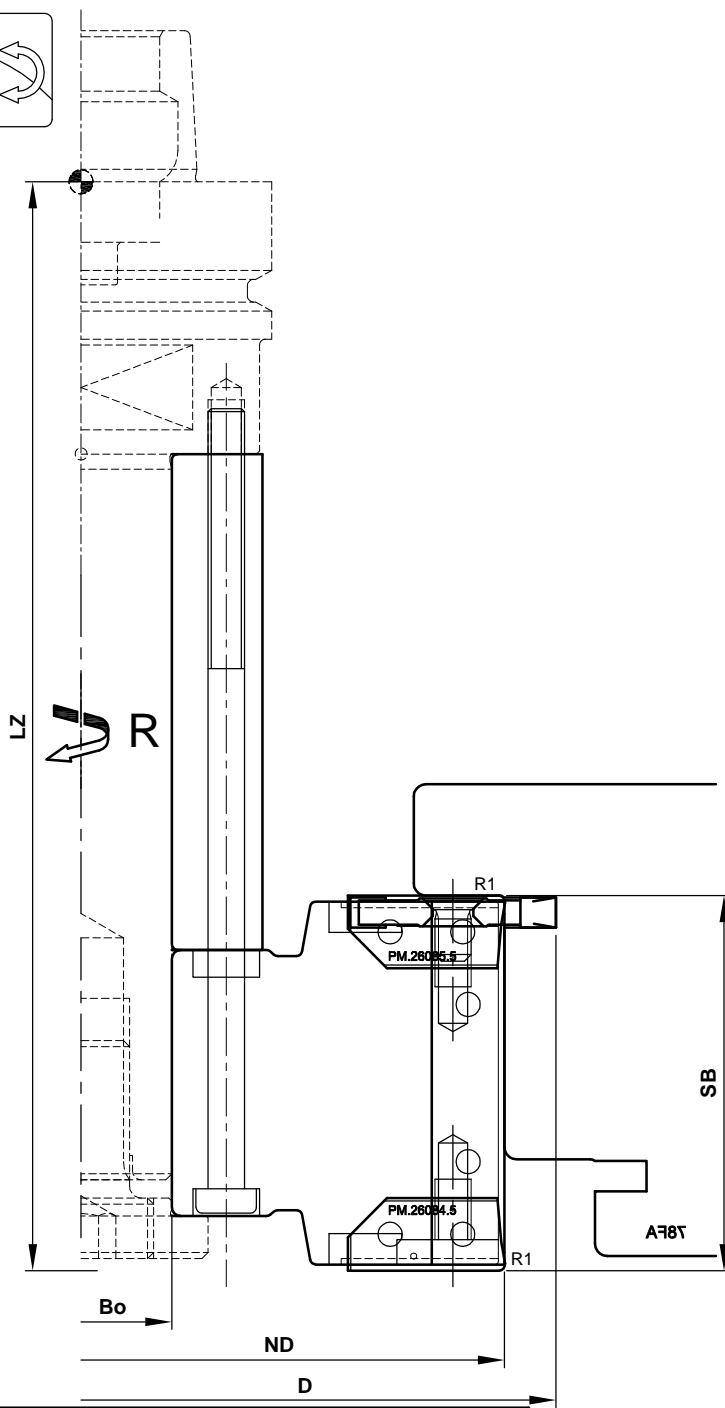
- CNC machining centres

**Scope of Supply:**

- Tool body incl. 2 jointing cutters each with 2 positive spurs top and bottom and 2 solid TC groove cutters SB 5.0
- Aluminium fixing ring 82mm
- Key with handle Torx T40
- Key with handle Torx T25
- Key with handle Torx T15
- Optionally also assembled (and balanced) (MS): Assembled on cutter arbor HSK-F 63 (C905-4530xx): C715-1...-F1

**Special Features:**

- Spurs mountable top and bottom
- Grooving cutters mountable top and bottom
- Can be used for clockwise and counterclockwise running
- Optionally a smaller grooving cutter can be fitted (with spacing ring)



D	ND	SB	Bo	LZ	Z	V	R/L	RA	P	n max.	Ident-No.
157	140	62	30		2	2+2	R/L			9300	C715-1
157	140	62	30	180	2	2+2	R/L			9300	C715-1-F1

Spare Parts				
Description	Qty.	Dimensions	MBM	Ident-No.
Indexable cutter	2	60x12x1.5	10	WMF60x12/U
Spur top	2	26x12x2	2	PM.26085.5
Spur bottom	2	26x12x2	2	PM.26084.5
Grooving cutter	2	34x16x5.0	2	VHMSB5.0
Grooving cutter (option)	2	34x16x4.0	2	VHMSB4.0
Screw spur	8	Pan head screw T15 M4 x 8	10	KW.44236.5
Screw grooving cutter	2	Countersunk screw T20 M6 x 10	10	KW.33767.4-10

<p>e-mail:office@aigner-werkzeuge.at www.aigner-werkzeuge.at</p>	LZ.....Total Length (Z Dim.)   Z.....No. of Teeth P.....Profile Variant n max.....Max. Speed (rpm)   V.....Spur MBM.....Minimum Order Quantity	Blattformat: <b>A4</b> <small>All dimensions in mm</small> Zchnng.-Nr. KW.47150.4   01
	C715-1	

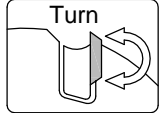
# WM-Rebate-Cutter

C715-2

Cutting Material  
**TC**

Number of Teeth  
**Z 2**

Feed  
**MEC**



**Design:**

- Tool body in light alloy
- TC indexable cutter
- TC positive spur R1

**Application:**

- Jointing, rebating and planing

**Workpiece Material:**

- Solid wood and panel materials

**Machine:**

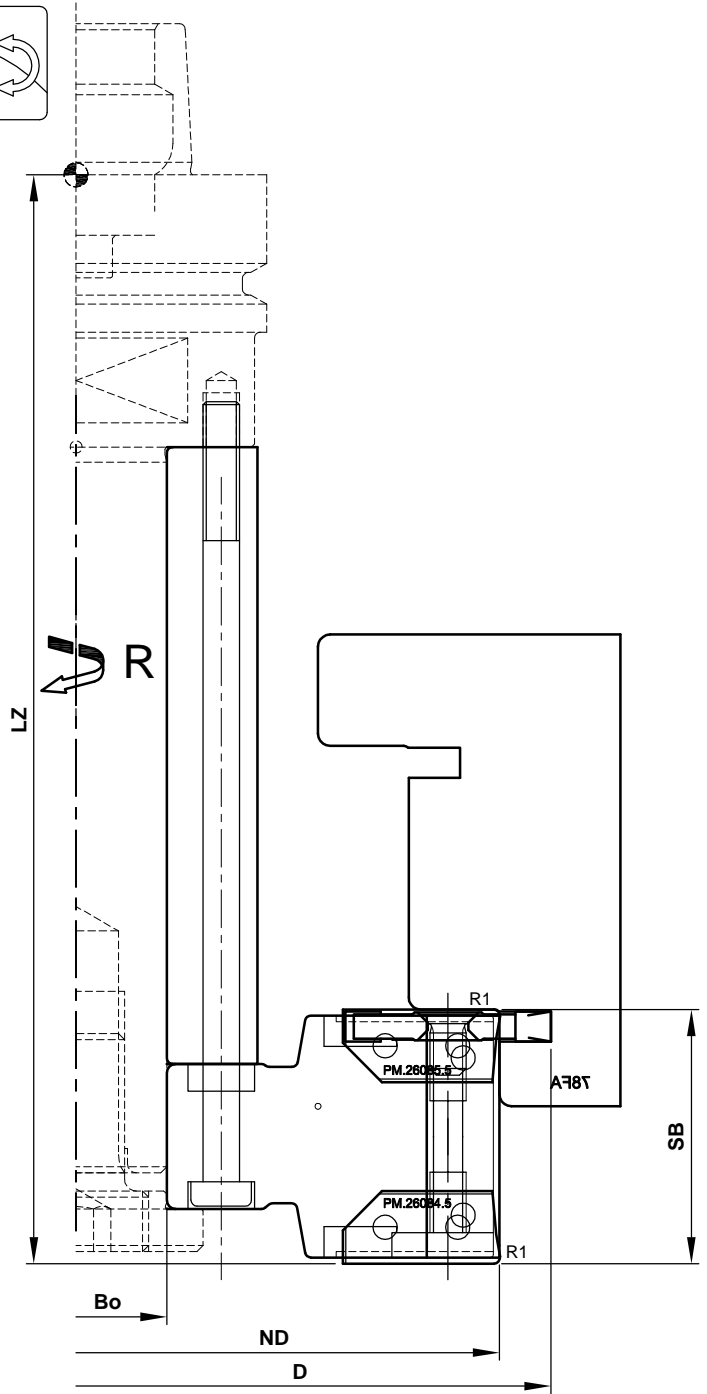
- CNC machining centres

**Scope of Supply:**

- Tool body incl. 2 jointing cutters each with 2 positive spurs top and bottom and 2 solid TC groove cutters SB 5.0
- Aluminium fixing ring 102mm
- Key with handle Torx T40
- Key with handle Torx T25
- Key with handle Torx T15
- Optionally also assembled (and balanced) (MS): Assembled on cutter arbor HSK-F 63 (C905-4530xx): C715-2...-F1

**Special Features:**

- Spurs mountable top and bottom
- Grooving cutters mountable top and bottom
- Can be used for clockwise and counterclockwise running
- Optionally a smaller grooving cutter can be fitted (with spacing ring)



D	ND	SB	Bo	LZ	Z	V	R/L	RA	P	n max.	Ident-No.
157	140	42	30		2	2+2	R/L			9300	C715-2
157	140	42	30	180	2	2+2	R/L			9300	C715-2-F1

Spare Parts				
Description	Qty.	Dimensions	MBM	Ident-No.
Indexable cutter	2	40x12x1.5	10	WMF40x12/U
Spur top	2	26x12x2	2	PM.26085.5
Spur bottom	2	26x12x2	2	PM.26084.5
Grooving cutter	2	34x16x5.0	2	VHMSB5.0
Grooving cutter (option)	2	34x16x4.0	2	VHMSB4.0
Screw spur	8	Pan head screw T15 M4 x 8	10	KW.44236.5
Screw grooving cutter	2	Countersunk screw T20 M6 x 10	10	KW.33767.4-10

<p>e-mail:office@aigner-werkzeuge.at www.aigner-werkzeuge.at</p>	LZ.....Total Length (Z Dim.)   Z.....No. of Teeth P.....Profile Variant n max.....Max. Speed (rpm)   V.....Spur MBM.....Minimum Order Quantity	Blattformat: <b>A4</b> <small>All dimensions in mm</small> Zchnng.-Nr. KW.47150.4   01
	C715-2	

# PM-Rounding-/ Chamfering-/ Jointing-Cutter-Set-(R2-R5) C715-3

Cutting Material <b>TC</b>	Number of Teeth <b>Z 2</b>	Feed <b>MEC</b>	Turn 
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**Design:**

- Tool body in light alloy
- 2-piece cutter set
- No. of Teeth = 2
- TC indexable cutters
- TC profile cutters

**Application:**

- For the jointing and simultaneous rounding / chamfering of solid woods on CNC milling machines

**Workpiece Material:**

- Solid wood

**Machine:**

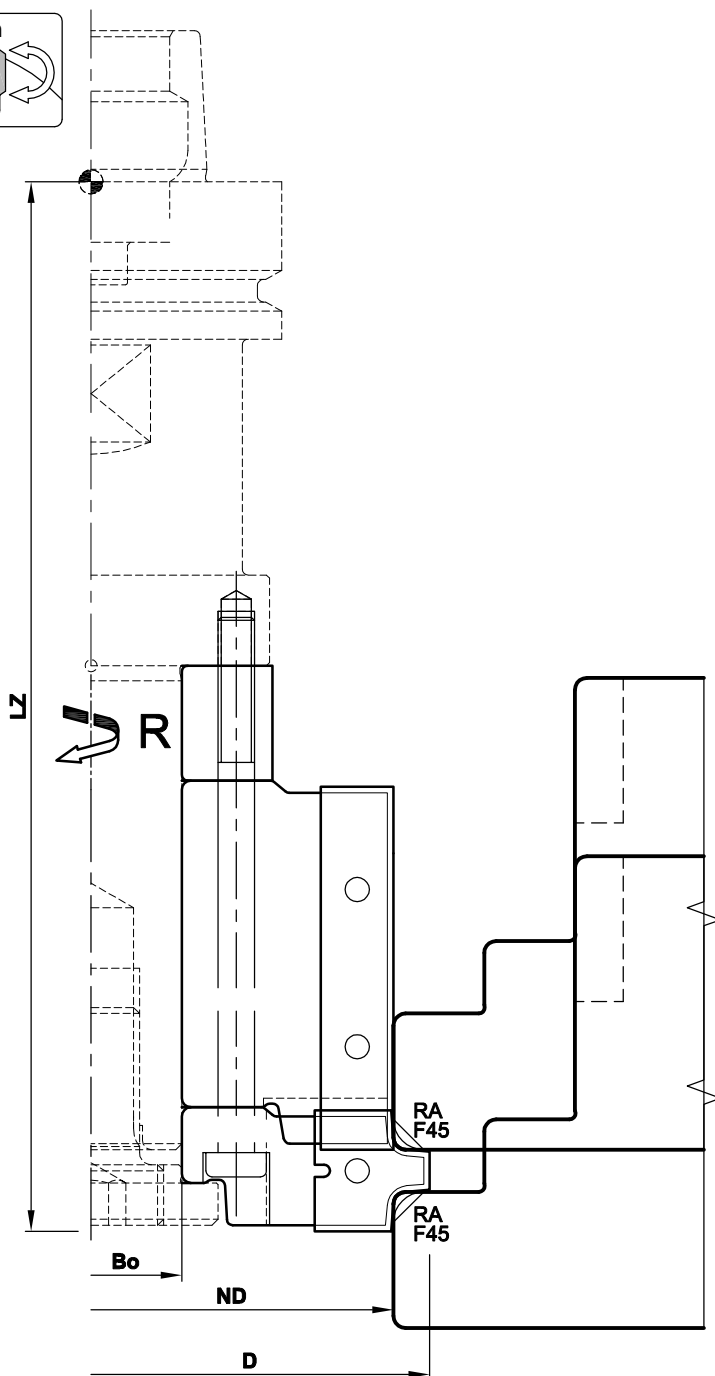
- CNC machining centres

**Scope of Supply:**

- 2-piece cutter set incl. cutters C715-3/PM27255.5/U35 R2 pre-assembled
- Aluminium fixing ring 19mm
- Key with handle Torx T40
- Key with handle Torx T25
- Optionally also assembled (and balanced) (MS): Assembled on cutter arbor HSK-F 63 (C905-8030xx): C715-3...-F2

**Special Features:**

- The same zero diameter (run-out edge) for all radii
- Various radii possible



D	ND	SB	Bo	LZ	Z	V	R/L	RA	P	n max.	Ident-No.
112	100		30		2		R	R2-R5/F45	R2	12300	C715-3
112	100		30	173.5	2		R	R2-R5/F45	R2	12300	C715-3-F2

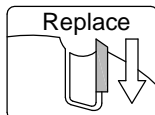
Spare Parts		Qty.	Dimensions	MBM	Ident-No.
Indexable cutter		2	60x12x1.5	10	WMF60x12/U
Profile cutter - R2		2	20x20x2.0	2	PM.27255.5/U35
Profile cutter - R3 (option)		2	20x20x2.0	2	PM.27256.5/U35
Profile cutter - R4 (option)		2	20x20x2.0	2	PM.27257.5/U35
Profile cutter - R5 (option)		2	20x20x2.0	2	PM.27258.5/U35
Profile cutter - chamfer 5x45°(option)		2	20x20x2.0	2	PM.27259.5/U35
Screw main cutter jointing		4	Grub screw T25 M8x16	10	KW.44253.5

 e-mail:office@aigner-werkzeuge.at www.aigner-werkzeuge.at	LZ.....Total Length (Z Dim.)   Z.....No. of Teeth P.....Profile Variant	Blattformat: <b>A4</b> <small>All dimensions in mm</small> Zchnng.-Nr. KW.47150.4   00
	n max.....Max. Speed (rpm)   V.....Spur MBM.....Minimum Order Quantity	<b>C715-3</b>

Cutting Material  
**TC**

Number of Teeth  
**Z 2**

Feed  
**MEC**



**Design:**

- Tool body in light alloy
- No. of Teeth = 2
- TC profile cutters

**Application:**

- For rounding

**Workpiece Material:**

- Solid wood

**Machine:**

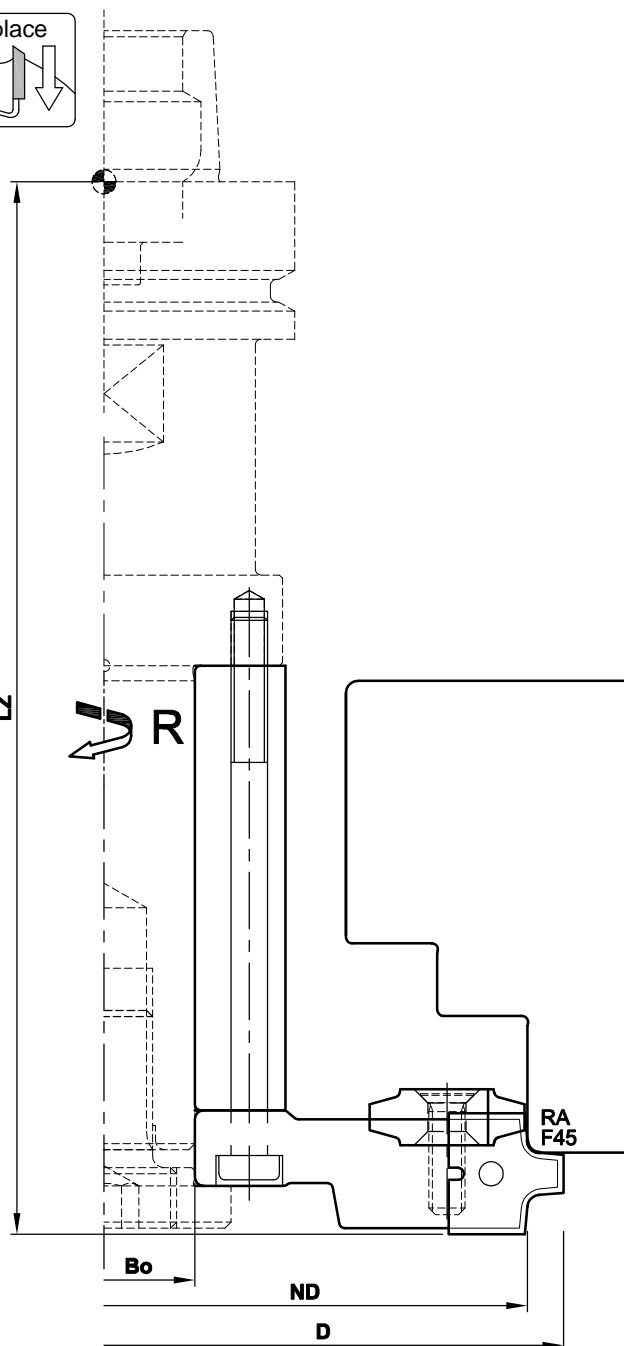
- CNC machining centres

**Scope of Supply:**

- Tool body incl. profile cutters and solid TC edge cutter R1
- C715-4/PM27255.5/U35 R2 pre-assembled
- Aluminium fixing ring 73.5mm
- Key with handle Torx T40
- Key with handle Torx T20
- Optionally also assembled (and balanced) (MS): Assembled on cutter arbor HSK-F 63 (C905-8030xx): C715-4...-F2

**Special Features:**

- The same zero diameter (run-out edge) for all radii
- Various radii possible



D	ND	SB	Bo	LZ	Z	V	R/L	RA	P	n max.	Ident-No.
152	140		30		2		R	R2-R5/F45	R2	8500	C715-4
152	140		30	174	2		R	R2-R5/F45	R2	8500	C715-F2

Spare Parts		Qty.	Dimensions	MBM	Ident-No.
Profile cutter - R2		2	20x20x2.0	2	PM.27255.5/U35
Profile cutter - R3 (option)		2	20x20x2.0	2	PM.27256.5/U35
Profile cutter - R4 (option)		2	20x20x2.0	2	PM.27257.5/U35
Profile cutter - R5 (option)		2	20x20x2.0	2	PM.27258.5/U35
Profile cutter - chamfer 5x45°(option)		2	20x20x2.0	2	PM.27259.5/U35
Edge cutter R1		2	23x15x8.0	2	KW.36816.5
Screw edge cutter		2	Countersunk screw T20 M6x20	10	KW.33767.4-20

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LZ.....Total Length (Z Dim.) | Z.....No. of Teeth  
P.....Profile Variant  
n max.....Max. Speed (rpm) | V.....Spur  
MBM.....Minimum Order Quantity

Blattformat: **A4** All dimensions in mm  
Zchnng.-Nr. KW.47150.4 | 00

# C715-4

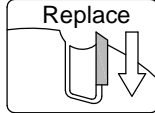
# PM-Fittings-Grooves-Cutter

C715-5

Cutting Material  
**TC**

Number of Teeth  
**Z 2**

Feed  
**MEC**



**Design:**

- Tool body in light alloy
- No. of Teeth = 2
- TC profile cutters

**Application:**

- For the milling of fittings grooves

**Workpiece Material:**

- Solid wood

**Machine:**

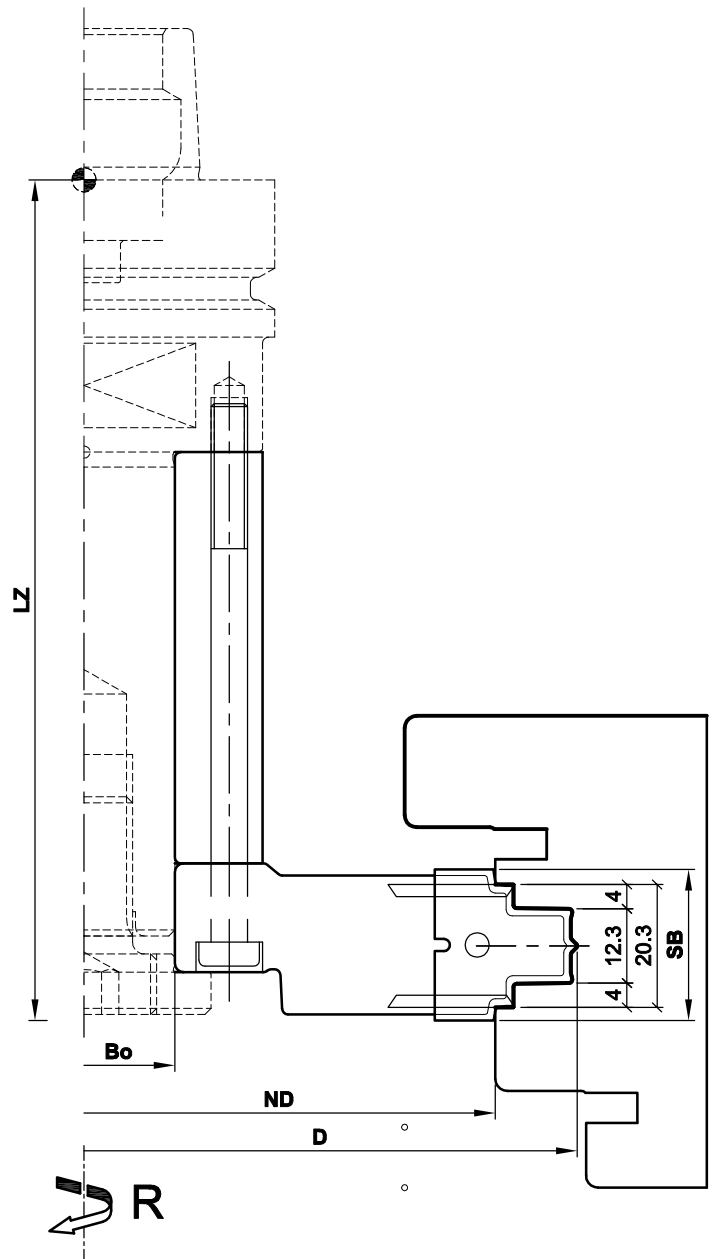
- CNC machining centres

**Scope of Supply:**

- Tool body incl. profile cutter and spur
- Aluminium fixing ring 68mm
- Key with handle Torx T40
- Key with handle Torx T20
- Optionally also assembled (and balanced) (MS):  
Assembled on cutter arbor HSK-F 63  
(C905-4530xx): C715-5...-F1

**Special Features:**

- Spurs in the fittings groove cover



D	ND	SB	Bo	LZ	Z	V	R/L	RA	P	n max.	Ident-No.
163.1	136	25	30		2	2+2	R			8800	C715-5
163.1	136	25	30	139	2	2+2	R			8800	C715-5-F1

Spare Parts				
Description	Qty.	Dimensions	MBM	Ident-No
Profile cutters	2	25x25x2.0	2	PM.46644.5 / U35
Spur	4	22x22x2	10	VS3x22
Screw spur	2	Countersunk screw T20 M6x10	10	KW.33767.4-10

<p>e-mail:office@aigner-werkzeuge.at www.aigner-werkzeuge.at</p>	LZ.....Total Length (Z Dim.)   Z.....No. of Teeth P.....Profil Variant n max.....Max. Speed (rpm)   V.....Spur MBM.....Minimum Order Quantity	Blattformat: <b>A4</b> <small>All dimensions in mm</small> Zchnng.-Nr. KW.47150.4   00
	C715-5	