

# WM-Grooving Cutter for CNC

C204

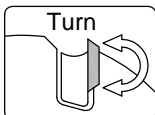
Cutting Material

TC

Feed

MEC

Turn



### Design:

- Tool body in steel
- Number of teeth = 2 or 4
- Spurs = 2+2
- TC reversible blades

### Application:

- Grooves and rebates
- Attention! Not suitable for rear panel grooves

### Workpiece material:

- Solid wood
- Rough, veneered and coated wood derived material

### Machine:

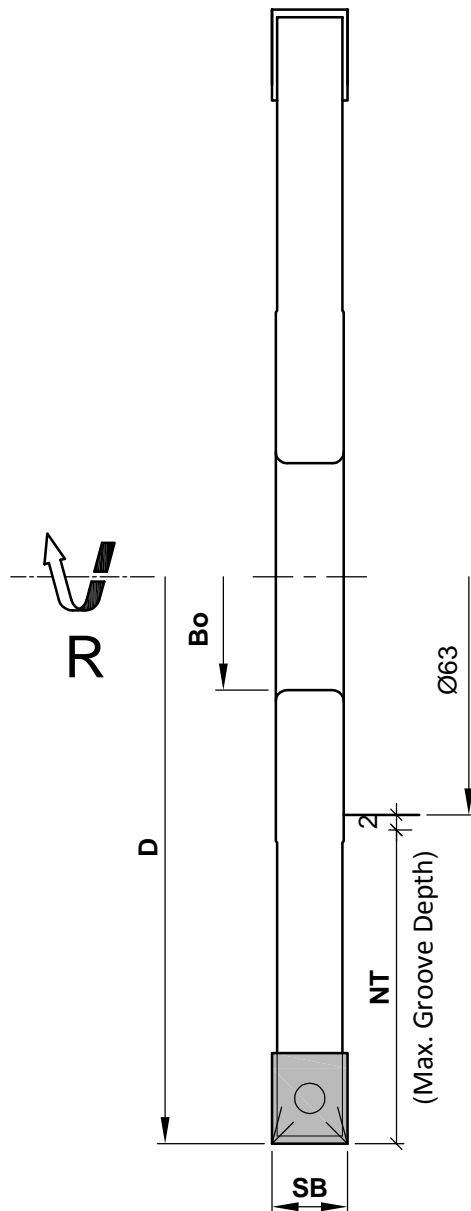
- CNC machining centres

### Scope of supply:

- Tool body including cutters
- Associated key with handle
- Magnetic assembly jig
- Also optionally assembled (and balanced) (MS):  
Assembled on cutter arbor HSK-F 63 (C277-D): C204-1  
Assembled on cutter arbor HSK-F 63 (C905-4530080): C204-2

### Special features:

- $\varnothing$  constant due to reversible blades
- Eccentric clamping to SB8



D	SB	NT	Bo	LZ	Z	V	R/L	n max.	Ident-No.
125	5	29	30		2	2+2	R	10500	C204-12505
125	6	29	30		2	2+2	R	10500	C204-12506
125	8	29	30		2	2+2	R	10500	C204-12508
125	10	29	30		2	2+2	R	10500	C204-12510
150	5	41.5	30		4	2+2	R	9000	C204-15005
150	6	41.5	30		4	2+2	R	9000	C204-15006
150	8	41.5	30		4	2+2	R	9000	C204-15008
150	10	41.5	30		4	2+2	R	9000	C204-15010
180	5	56.5	30		4	2+2	R	7500	C204-18005
180	6	56.5	30		4	2+2	R	7500	C204-18006
180	8	56.5	30		4	2+2	R	7500	C204-18008
180	10	56.5	30		4	2+2	R	7500	C204-18010

See C204-3 for the spare parts list

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MS.....Machine Adaptor

Z.....No. of teeth

V.....Spur

n max.....Maximum Rotational Speed (rpm)

Blattformat: **A4**

All dimensions  
in mm

Zchnng.-Nr. KW.42040.4 | 00

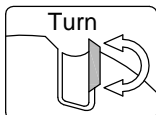
**C204**

# WM-Grooving Cutter for CNC

C204-1

Cutting Material  
**TC**

Feed  
**MEC**



**Design:**

- Tool body in steel
- Number of teeth = 2 or 4
- Spurs = 2+2
- TC reversible blades
- Pitch circle according to C276-E  
E22 = right hand rotation  
E23 = left hand rotation

**Application:**

- Grooves and rebates
- Attention! Not suitable for rear panel grooves

**Workpiece material:**

- Solid wood  
Rough, veneered and coated wood derived material

**Machine:**

- CNC machining centres

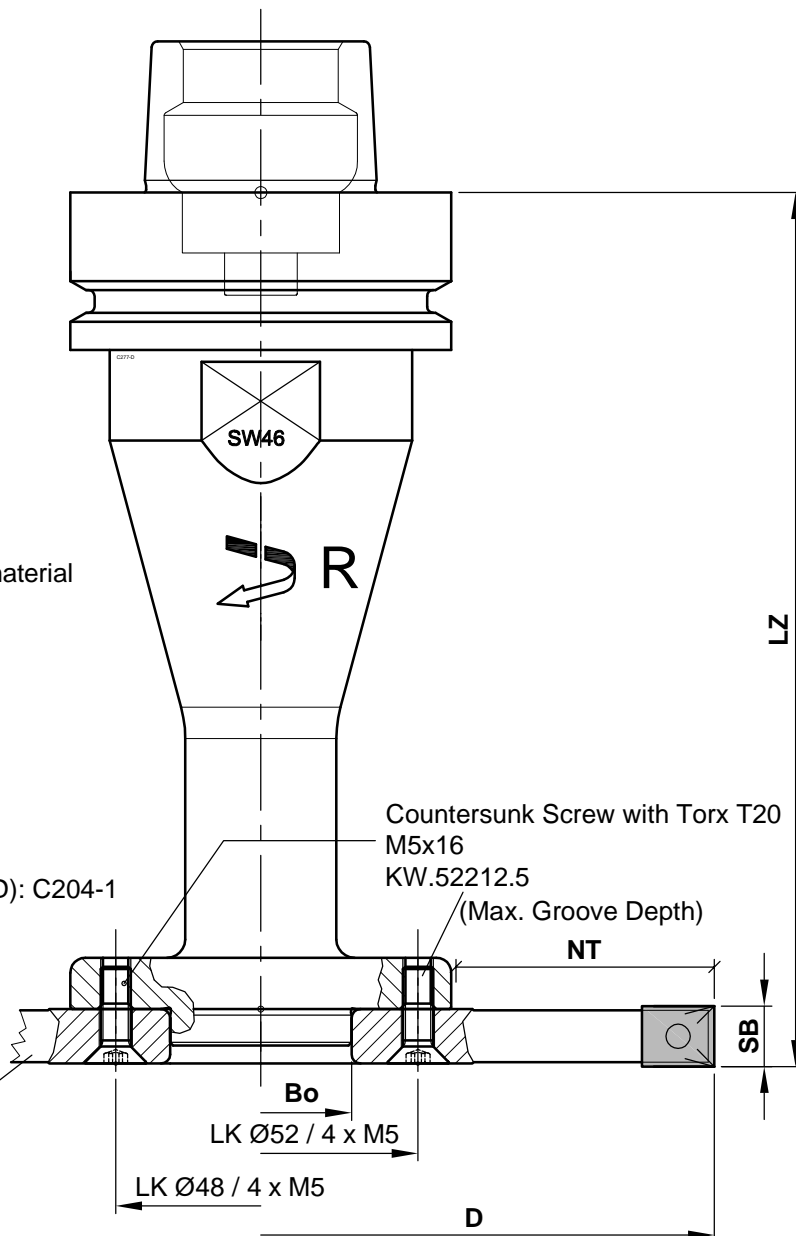
**Scope of supply:**

- Tool body including cutters
- Associated key with handle
- Magnetic assembly jig
- With SB5 and SB6 attach a 2.2mm ring
- Assembled on cutter arbor HSK-F 63 (C277-D): C204-1

**Special features:**


- Ø constant due to reversible blades
- Eccentric clamping to SB8

**Attention:**  
note assembly instructions!



D	SB	NT	Bo	LZ	Z	V	R/L	n max.	Ident-No.
125	5	29	30	141.7	2	2+2	R	10500	C204-12505-01
125	6	29	30	142.7	2	2+2	R	10500	C204-12506-01
125	8	29	30	142.5	2	2+2	R	10500	C204-12508-01
125	10	29	30	144.5	2	2+2	R	10500	C204-12510-01
150	5	41.5	30	141.7	4	2+2	R	9000	C204-15005-01
150	6	41.5	30	142.7	4	2+2	R	9000	C204-15006-01
150	8	41.5	30	142.5	4	2+2	R	9000	C204-15008-01
150	10	41.5	30	144.5	4	2+2	R	9000	C204-15010-01
180	5	56.5	30	141.7	4	2+2	R	7500	C204-18005-01
180	6	56.5	30	142.7	4	2+2	R	7500	C204-18006-01
180	8	56.5	30	142.5	4	2+2	R	7500	C204-18008-01
180	10	56.5	30	144.5	4	2+2	R	7500	C204-18010-01

See C204-3 for the spare parts list

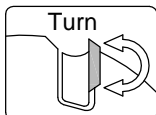
 <p>e-mail: office@aigner-werkzeuge.at www.aigner-werkzeuge.at</p>	LZ.....Overall Length (Z dimension)	Blattformat: <b>A4</b> <small>All dimensions in mm</small>
	Z.....No. of teeth	Zchnng.-Nr. KW.42040.4   00
n max.....Maximum Rotational Speed (rpm)	<b>C204-1</b>	

# WM-Grooving Cutter for CNC

C204-2

Cutting Material  
**TC**

Feed  
**MEC**



**Design:**

- Tool body in steel
- Number of teeth = 2 or 4
- Spurs = 2+2
- TC reversible blades

**Application:**

- Grooves and rebates
- Attention! Not suitable for rear panel grooves

**Workpiece material:**

- Solid wood  
Rough, veneered and coated wood derived material

**Machine:**

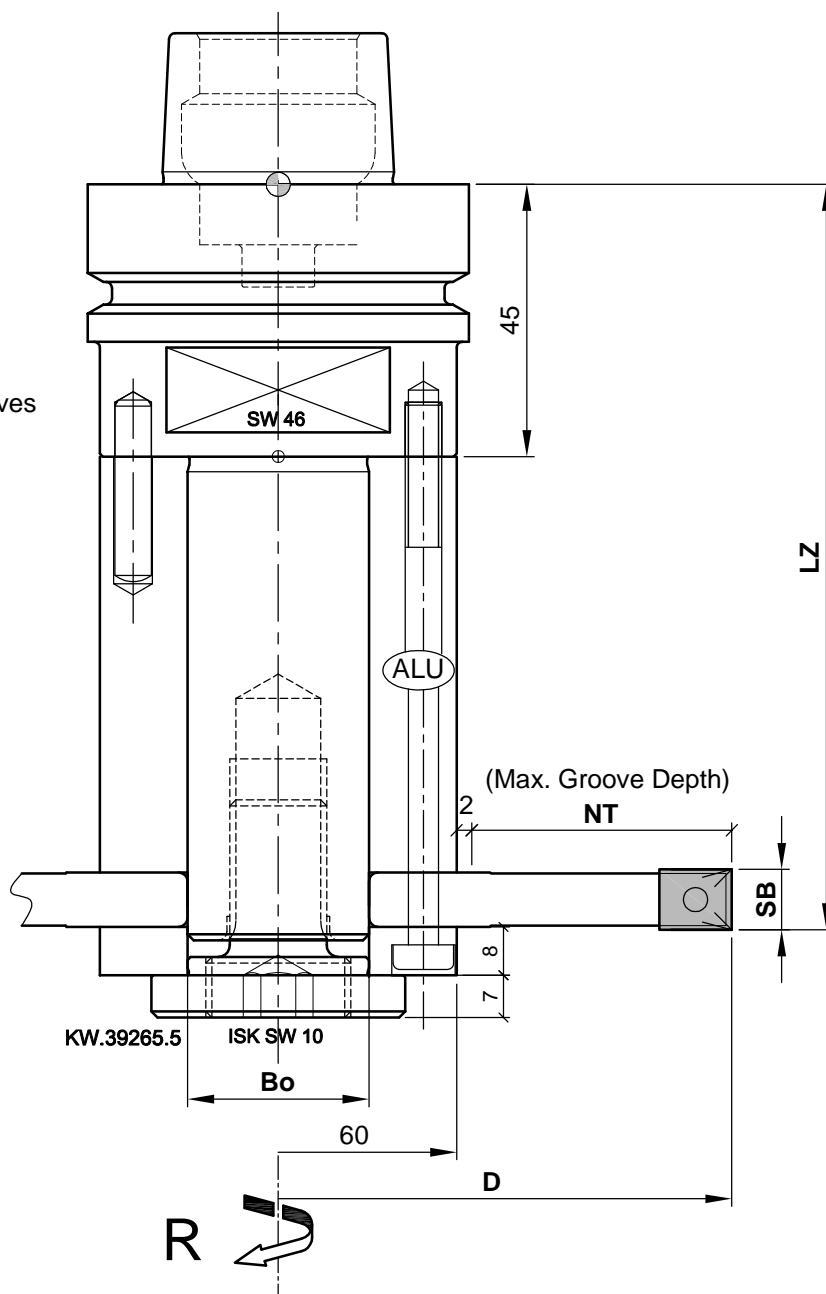
- CNC machining centres

**Scope of supply:**

- Tool body including cutters
- Associated key with handle
- Magnetic assembly jig
- Aluminium distance ring
- Assembled on cutter arbor HSK-F 63 (C905-4530080): C204-2

**Special features:**

- Ø constant due to reversible blades
- Eccentric clamping to SB8



D	SB	NT	Bo	LZ	Z	V	R/L	n max.	Ident-No.
125	5	31	30	123.3	2	2+2	R	10500	C204-12505-02
125	6	31	30	123.3	2	2+2	R	10500	C204-12506-02
125	8	31	30	123.3	2	2+2	R	10500	C204-12508-02
125	10	31	30	123.3	2	2+2	R	10500	C204-12510-02
150	5	43.5	30	123.3	4	2+2	R	9000	C204-15005-02
150	6	43.5	30	123.3	4	2+2	R	9000	C204-15006-02
150	8	43.5	30	123.3	4	2+2	R	9000	C204-15008-02
150	10	43.5	30	123.3	4	2+2	R	9000	C204-15010-02
180	5	58.5	30	123.3	4	2+2	R	7500	C204-18005-02
180	6	58.5	30	123.3	4	2+2	R	7500	C204-18006-02
180	8	58.5	30	123.3	4	2+2	R	7500	C204-18008-02
180	10	58.5	30	123.3	4	2+2	R	7500	C204-18010-02

See C204-3 for the spare parts list

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LZ.....Overall Length (Z dimension)  
Z.....No. of teeth  
n max.....Maximum Rotational Speed (rpm)

Blattformat: **A4** All dimensions in mm  
Zchnng.-Nr. KW.42040.4 | 00

**C204-2**

# Spare Parts List for WM-Grooving Cutter C204 C204-3

Spare Parts						
Description	D	SB	Qty.	Dimensions	MBM	Ident-No.
Circumference Cutter	125	4	2	3.6x12x2.5	10	WMF3.6x12x2.5/U
Circumference Cutter	125	5	2	4.6x12x2.5	10	WMF4.6x12x2.5/U
Circumference Cutter	125	6	2	5.6x12x2.5	10	WMF5.6x12x2.5/U
Circumference Cutter	125	8	2	7.5x12x2.5	10	WMF7.5x12x2.5/U
Circumference Cutter	125	10	2	9.6x12x1.5	10	WMF9.6x12/U
Circumference Cutter	125	12	2	11.6x12x1.5	10	WMF11.6x12/U
Circumference Cutter	150	4	4	3.6x12x2.5	10	WMF3.6x12x2.5/U
Circumference Cutter	150	5	4	4.6x12x2.5	10	WMF4.6x12x2.5/U
Circumference Cutter	150	6	4	5.6x12x2.5	10	WMF5.6x12x2.5/U
Circumference Cutter	150	8	4	7.5x12x2.5	10	WMF7.5x12x2.5/U
Circumference Cutter	150	10	4	9.6x12x1.5	10	WMF9.6x12/U
Circumference Cutter	150	12	4	11.6x12x1.5	10	WMF11.6x12/U
Circumference Cutter	180	4	4	3.6x12x2.5	10	WMF3.6x12x2.5/U
Circumference Cutter	180	5	4	4.6x12x2.5	10	WMF4.6x12x2.5/U
Circumference Cutter	180	6	4	5.6x12x 2.5	10	WMF7.6x12x2.5/U
Circumference Cutter	180	8	4	7.5x12x2.5	10	WMF7.5x12x2.5/U
Circumference Cutter	180	10	4	9.6x12x1.5	10	WMF9.6x12/U
Circumference Cutter	180	12	4	11.6x12x1.5	10	WMF11.6x12/U
Spur	125-180	4	4	14x14x1.2	10	VS14x14x1.2/M
Spur	125-180	5	4	14x14x1.2	10	VS14x14x1.2/M
Spur	125-180	6	4	14x14x1.2	10	VS14x14x1.2/M
Spur	125-180	8	4	14x14x2.0	10	VS14x14x2.0/U
Spur	125-180	10	4	14x14x2.0	10	VS14x14x2.0/U
Screw Spur	125-180	4	4	Screw TSP M4x3.2	10	KW.44243.5
Screw Spur	125-180	5	4	Screw TSP M4x3.2	10	KW.44244.5
Screw Spur	125-180	6	4	Screw TSP M4x3.2	10	KW.44244.5
Screw Spur	125-180	8	4	Countersunk Screw M6x6	10	KW.33767.4-6
Screw Spur	125-180	10	4	Countersunk Screw M6x6	10	KW.33767.4-6
Nut Spur	125-180	4	4	Nut M4xD9.9d8.45	10	KW.44245.5
Nut Spur	125-180	5	4	Nut M4xD9.9d8.45	10	KW.44245.5
Nut Spur	125-180	6	4	Nut M4xD9.9d8.45	10	KW.44245.5
Screw Circumference Cutter	125-180	4	2/4	Eccentric B=3	2	KW.04766.4-3
Screw Circumference Cutter	125	5	2	Eccentric B=3	2	KW.04766.4-3
Screw Circumference Cutter	150-180	5	4	Eccentric B=3	2	KW.04766.4-3
Screw Circumference Cutter	125	6	2	Eccentric B=5	2	KW.04766.4-5
Screw Circumference Cutter	150-180	6	4	Eccentric B=5	2	KW.04766.4-5
Screw Circumference Cutter	150-180	8	4	Grub Screw M5x12	10	KW.44316.5
Screw Circumference Cutter	150-180	10	4	Grub Screw M6x16	10	KW.44252.5
Screw Circumference Cutter	150-180	12	4	Grub Screw M6x16	10	KW.44252.5

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		Zchnng.-Nr. KW.42040.4   00
		<b>C204-3</b>