

# DP-Shank-Grooving-Cutter "Konstantin®-Mini"

C244

Cutting Material  
**DP**

Number of Teeth  
**Z2+2**

Feed  
**MEC**

**Design:**

- Body in steel; with DP plunging cutters
- Two circumference cutters in 4 chip grooves; with axial angle
- Cutting elements fitted with DP (DIA)
- Shank grooving cutter with replaceable DP cutters
- Deep chip flutes for better chip capture
- Shank fit h6

**Application:**

- Grooving, jointing, rebating, sizing (cutting off)

**Workpiece Material:**

- Panel materials

**Machine:**

- CNC machining centres

**Scope of Supply:**

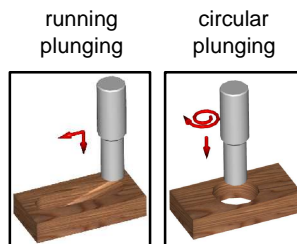
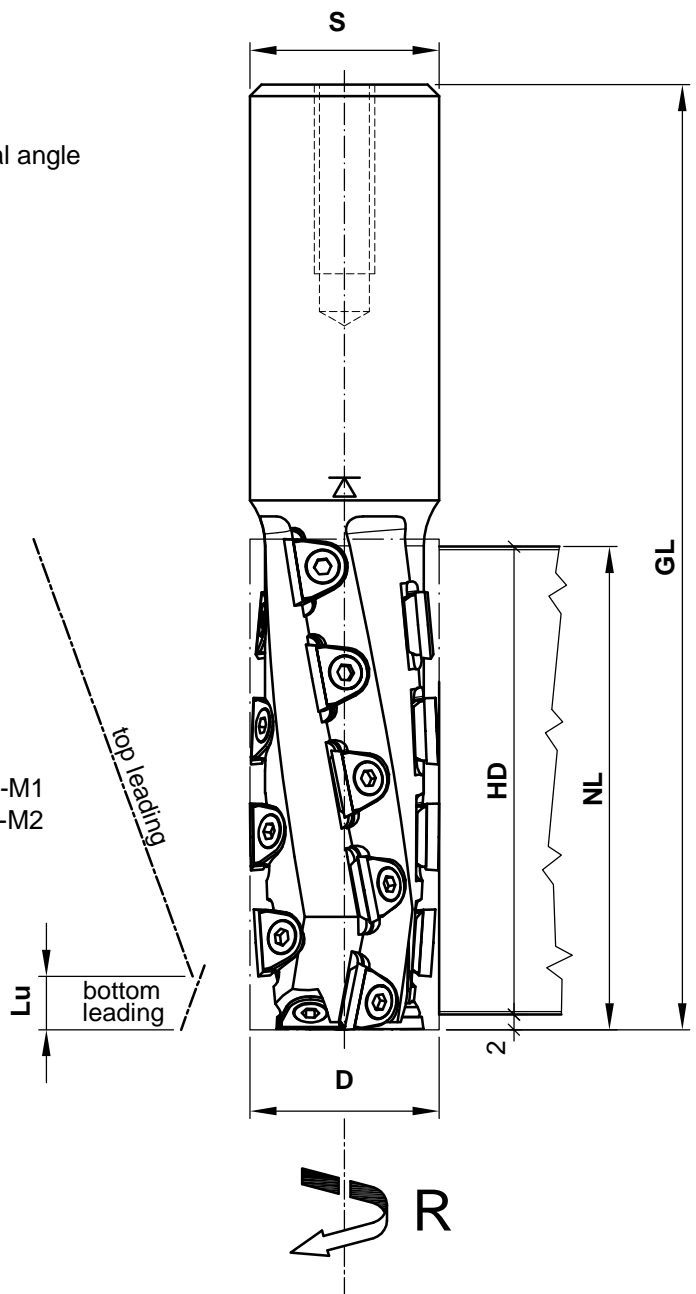
- Principally with a length adjustment screw  
With use in shrink chuck HSK-F 63 (C915)  
without a length adjusting screw
- Optionally also assembled (MS):  
Assembled in shrink chuck HSK-F 63 (C915): C244-...-M1  
Assembled in collet chuck HSK-F 63 (C910): C244-...-M2
- Tool nody incl. DP cutters
- Key with handle Torx T10

**Special Features:**

- Diameter-constant shank grooving cutters
- All cutters interchangeable with each other (plunging cutters, too)
- Cutters replaceable on site
- Suitable for 5-axis machining centres that have no possibility for radius correction when "line milling".
- Suitable for different feed rates.
- Very good chip removal.

**Additional Information:**

- A torque wrench is recommended when changing the cutters (see C986-FT1810)



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MS.....Machine Adaptor  
Z.....No. of Teeth  
n max.....Max. Speed (rpm)

Blattformat: **A4** All dimensions in mm  
Zchnng.-Nr. KW.42440.4 | 00

**C244**

D	NL	GL	Lu	HD	S	Z	R/L	n max.	Ident-No.
20	29.9	95	7	27	20	2x4+1Q	R	24000	C244-2029920R
20	29.9	95	7	27	20	2x4+1Q	L	24000	C244-2029920L
20	29.9	95	7	27	25	2x4+1Q	R	24000	C244-2029925R
20	29.9	95	7	27	25	2x4+1Q	L	24000	C244-2029925L
20	43.9	105	7	41	20	2x6+1Q	R	24000	C244-2043920R
20	43.9	105	7	41	20	2x6+1Q	L	24000	C244-2043920L
20	43.9	105	7	41	25	2x6+1Q	R	24000	C244-2043925R
20	43.9	105	7	41	25	2x6+1Q	L	24000	C244-2043925L
20	64.9	125	7	62	25	2x9+1Q	R	24000	C244-2064925R
20	64.9	125	7	62	25	2x9+1Q	L	24000	C244-2064925L
25	64.9	125	7	62	25	2x9+2Q	R	24000	C244-2564925R
25	64.9	125	7	62	25	2x9+2Q	L	24000	C244-2564925L

Spare Parts				
Description	Qty.	Dimensions	MBM	Ident-No.
Replaceable cutter for Ø20 NL29.9	9	9x8x2.5	2	KW.15766.7/B25
Clamping screw for Ø20 NL29.9	9	Countersunk screw M3x6 T10	10	KW.15714.7
Replaceable cutter for Ø20 NL43.9	13	9x8x2.5	2	KW.15766.7/B25
Clamping screw for Ø20 NL43.9	13	Countersunk screw M3x6 T10	10	KW.15714.7
Replaceable cutter for Ø25 NL64.9	19	9x8x2.5	2	KW.15766.7/B25
Clamping screw for Ø25 NL64.9	19	Countersunk screw M3x6 T10	10	KW.15714.7
Replaceable cutter for Ø25 NL64.9	20	9x8x2.5	2	KW.15766.7/B25
Clamping screw for Ø25 NL64.9	20	Countersunk screw M3x6 T10	10	KW.15714.7

 <p>e-mail:office@aigner-werkzeuge.at www.aigner-werkzeuge.at</p>	MS.....Machine Adaptor	Blattformat: <b>A4</b> <small>All dimensions in mm</small>
	Z.....No. of Teeth	
n max.....Max. Speed (rpm)	<b>C244-1</b>	