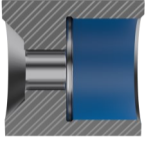


Roller burnishing tool type ERGI 3



Application :



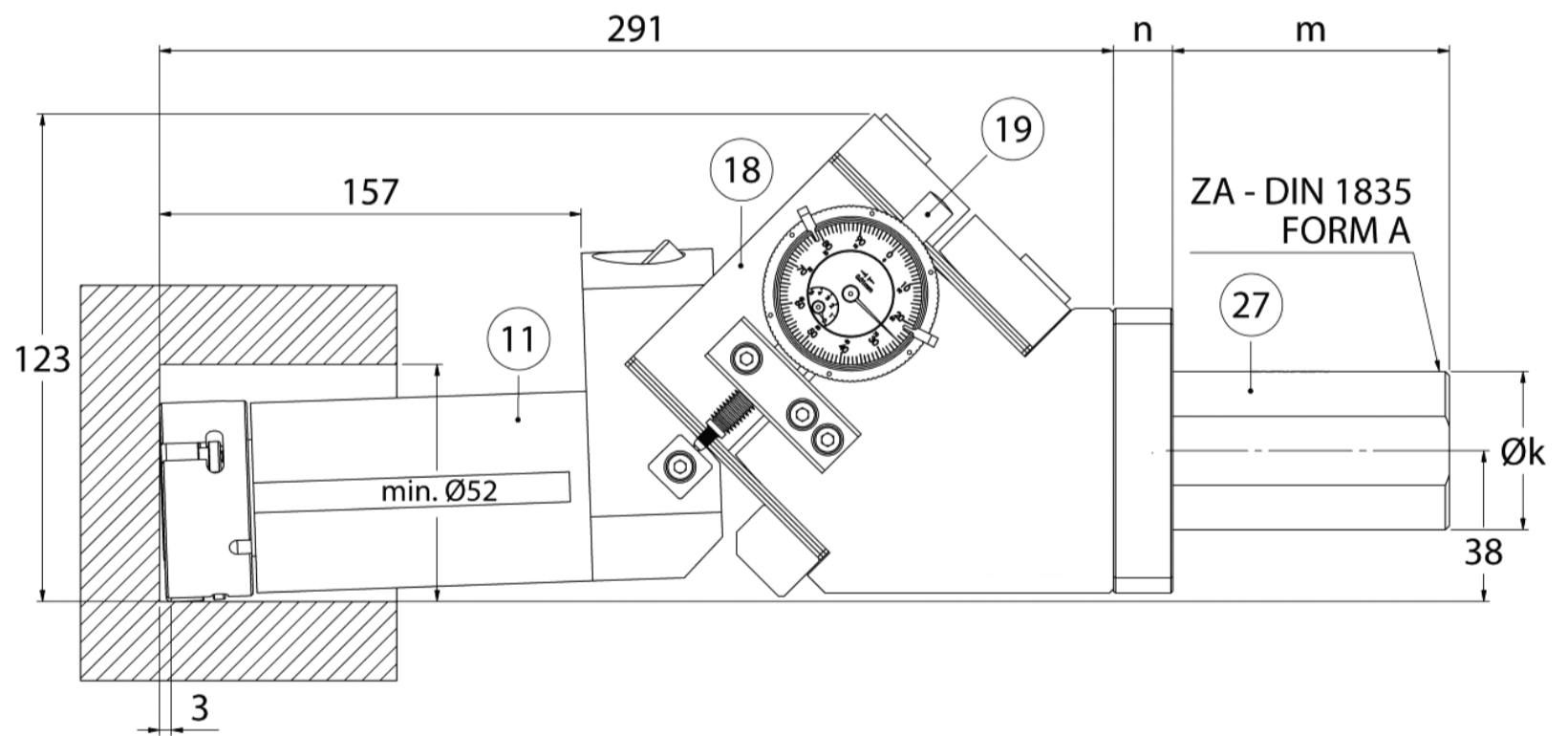
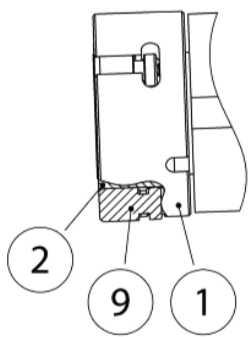
General information:

Tool body	Version	Rolling length	Shank				
			VDI	Cylindrical		Square	
			DIN69880	DIN1835 A	DIN1835 B	SL	SLA
ERGI	3	50 100 150	VDI 30 (Ø30 x 55)	ZA 32 (Ø32 x 60)	ZS 32 (Ø32 x 60)	SL 25 (25 x 30 x 120) SL 32 (32 x 30 x 120)	SLA 25 (25 x 60 x 120) SLA 32 (32 x 60 x 120)
			VDI 40 (Ø40 x 63)	ZA 40 (Ø40 x 70)	ZS 40 (Ø40 x 70)		
			VDI 50 (Ø50 x 78)	ZA 50 (Ø50 x 80)	ZS 50 (Ø50 x 80)		
			VDI 60 (Ø60 x 94)	ZA 63 (Ø63 x 90)	ZS 63 (Ø63 x 90)		

Alle Angaben in mm

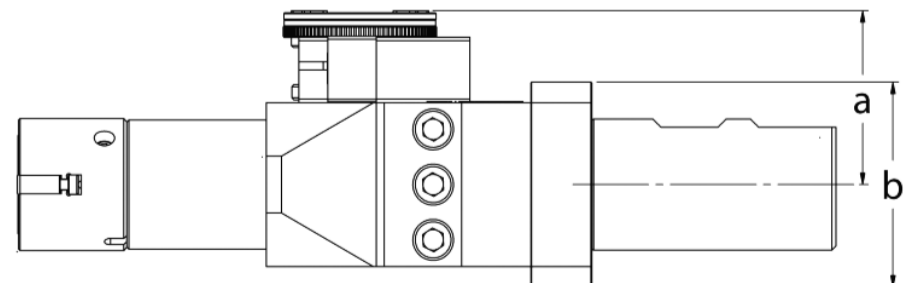
Description:

- 1 Cage
- 2 Supporter roller
- 9 Roller
- 11 Roller head carrier
- 18 Tool body
- 19 Dial indicator
- 27 Shank



Tool body	Version	Height		n
		a	b*	
ERGI	3	56	72	15

*b = 60 mm for Ø40 mm VDI and cylindrical shanks. There is no "n" size at square shank tools.



Machining parameter

Tool body	Working range [mm]	Circumferential speed [m/min]	Feed rate [mm/rev]	Rolling force [N]	Pre-machining-roughness
ERGI 3	Ø ≥ 52	max. 150	max. 0,6	10.000	Rz = 5 - 20 µm