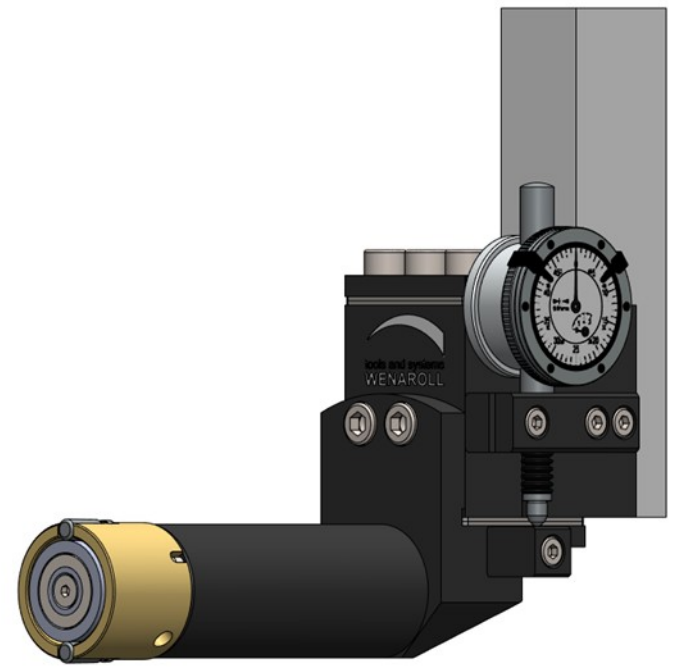
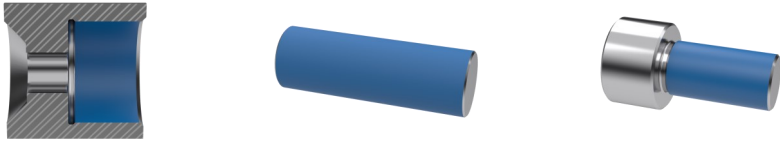


Roller burnishing tool

type ERGI 1

Application :

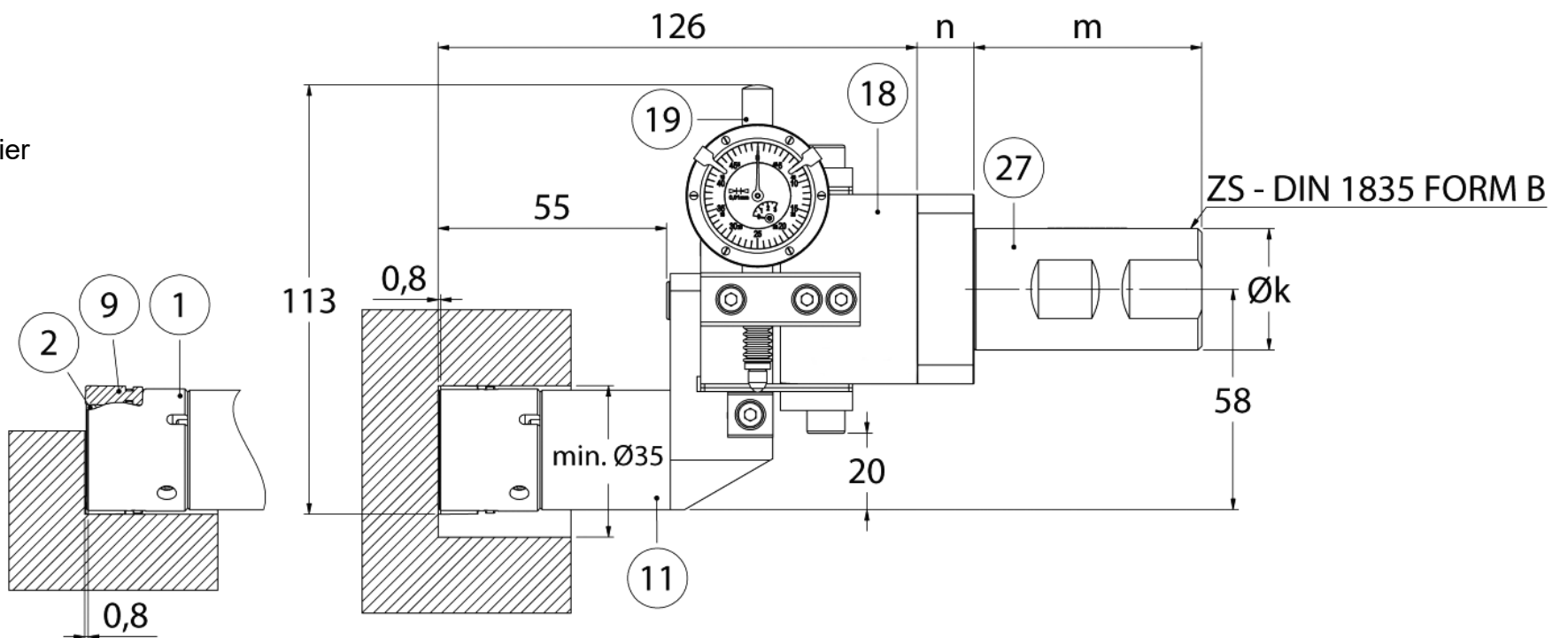


General Information:

Tool body	Version	Shank				
		VDI	Cylindrical		Square	
		DIN69880	DIN1835 A	DIN1835 B	SL	SLA
ERGI	1	VDI 20 (Ø20 x 40)	ZA 20 (Ø20 x 50)	ZS 20 (Ø20 x 50)	SL 16 (16 x 30 x 120)	SLA 16 (16 x 60 x 120)
		VDI 25 (Ø25 x 48)	ZA 25 (Ø25 x 56)	ZS 25 (Ø25 x 56)	SL 20 (20 x 30 x 120)	SLA 20 (20 x 60 x 120)
		VDI 30 (Ø30 x 55)	ZA 32 (Ø32 x 60)	ZS 32 (Ø32 x 60)	SL 25 (25 x 30 x 120)	SLA 25 (25 x 60 x 120)
		VDI 40 (Ø40 x 63)	ZA 40 (Ø40 x 70)	ZS 40 (Ø40 x 70)	SL 32 (32 x 30 x 120)	SLA 32 (32 x 60 x 120)

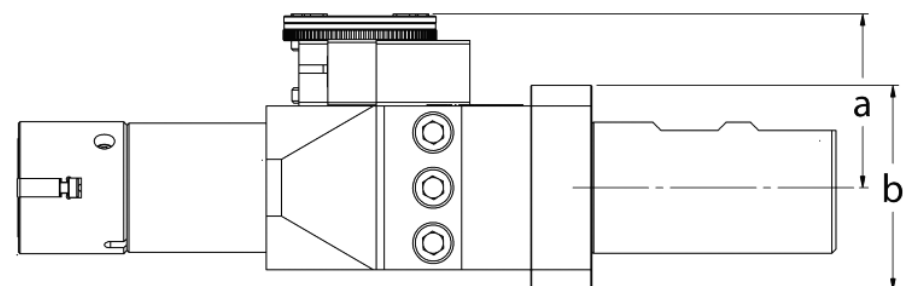
Discription:

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



Tool body	Version	Height		n
		a	b*	
ERGI	1	43	50	15

*b = 60 mm for tools with Ø40 VDI or cylindrical shank. There's 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	Ø ≥ 35	max. 150	max. 0,6	5.000	Rz = 5 - 20 µm