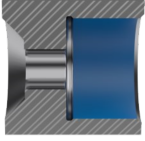


Roller burnishing tool

type ERGI 2



Application :



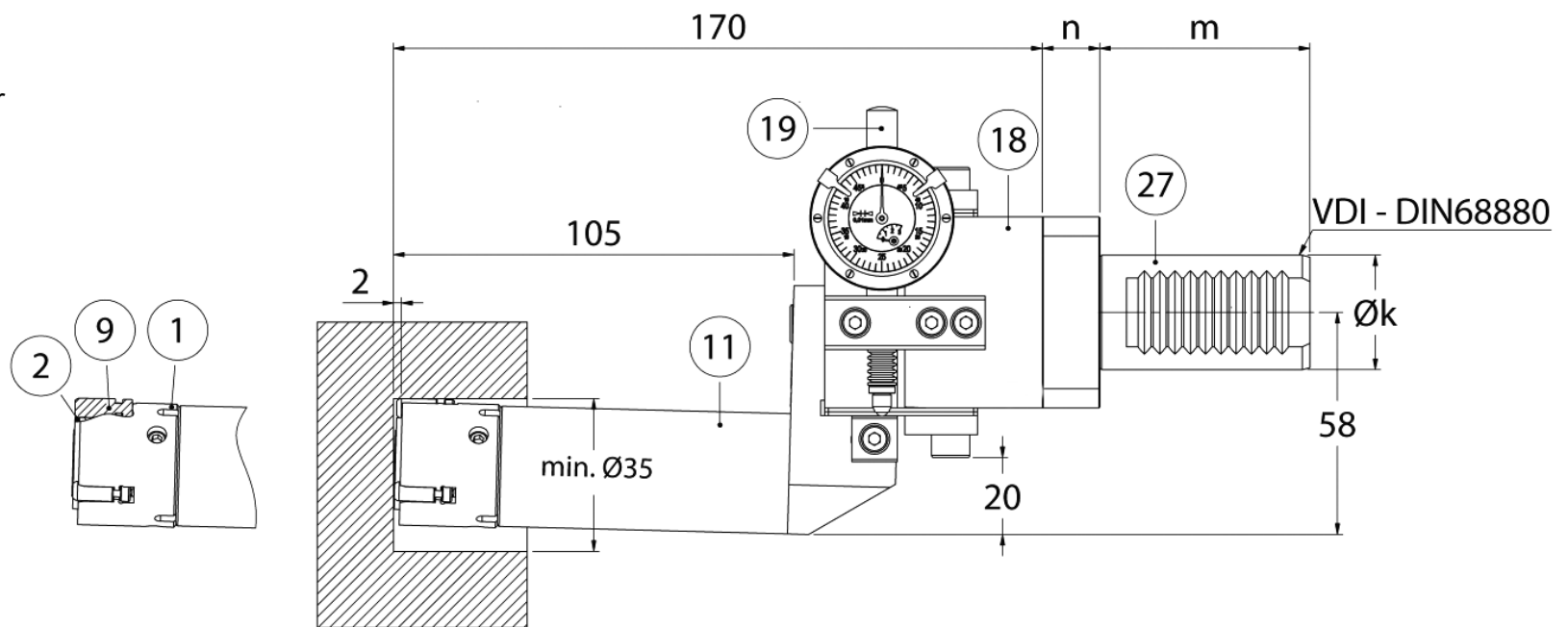
General information:

Tool body	Version	Rolling length	Shank				
			VDI	Cylindrical		Square	
			DIN69880	DIN1835 A	DIN1835 B	SL	SLA
ERGI	2	50 100 150	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)

All dimension in mm

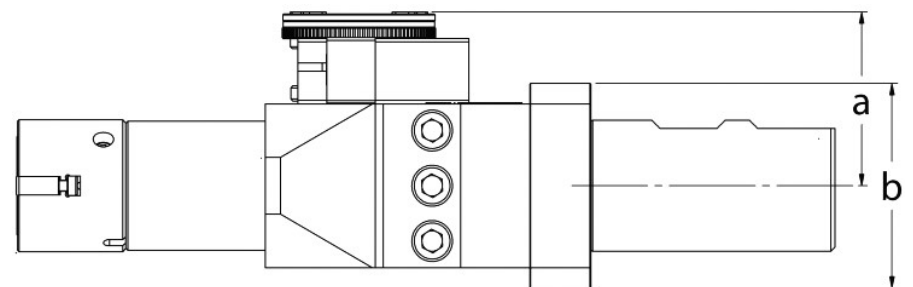
Discription:

- 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	2	43	50	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 2	Ø ≥ 35	max. 150	max. 0,6	5.000	Rz = 5 - 20 µm