

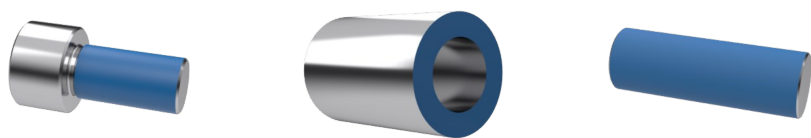


Single roller burnishing tool

type ERGW 5 / 8



Application:

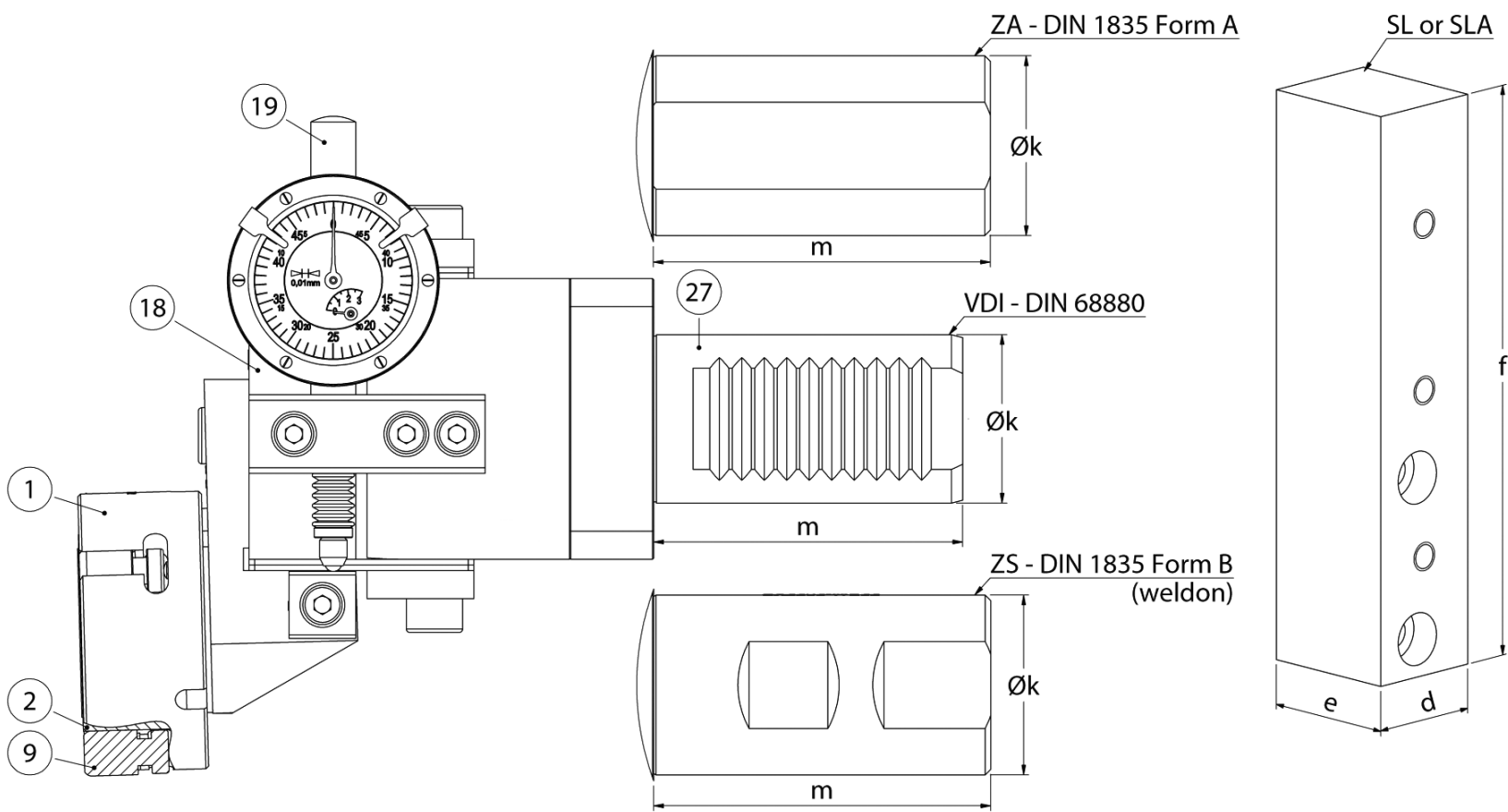


General information:

Tool body	Design	Version	Shank				
			VDI	Cylindrical		Square	
			DIN69880	DIN1835 A	DIN1835 B	SL	SLA
ERGW	5 8	1 2 3 4	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)

Description:

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



Machining parameter

Tool body	Working range [mm]	Circumferential speed [m/min]	Feed rate [mm/revolution]	Rolling force [N]	Pre-machining roughness
ERGW 5	Ø ≥ 10 (up to Ø 80)	max. 150	max. 0,6	5000	Rz = 5 - 20 µm
ERGW 8	Ø ≥ 12 (up to Ø 200)	max. 150	max. 0,6	5000	Rz = 5 - 20 µm

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Dimension und Versions:

Tool body	Design	Height		Version 1				Version 2				n
		a	b*	g	h	i	l	j	x	p	q	
ERGW	5	43	50	115	60	88	22	113	80	120	22	15
	8			118	63	88	25	113	81	123	25	15
Tool body	Design	Height		Version 3				Version 4				n
		a	b*	r	s	t	u	v	w	y	z	
ERGW	5	43	50	144	66	64	89	113	113	55	80	15
	8			147	66	67	92	113	113	55	80	15

*b = 60 mm for tools with Ø40 VDI or cylindrical shank. There's no "n" size at square shank tools.

