

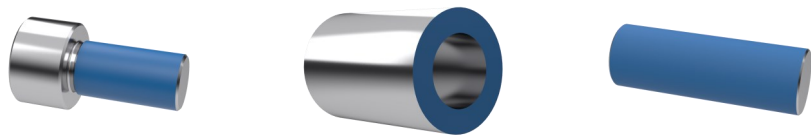


Single roller burnishing tool

Typ ERGW 14



Application :

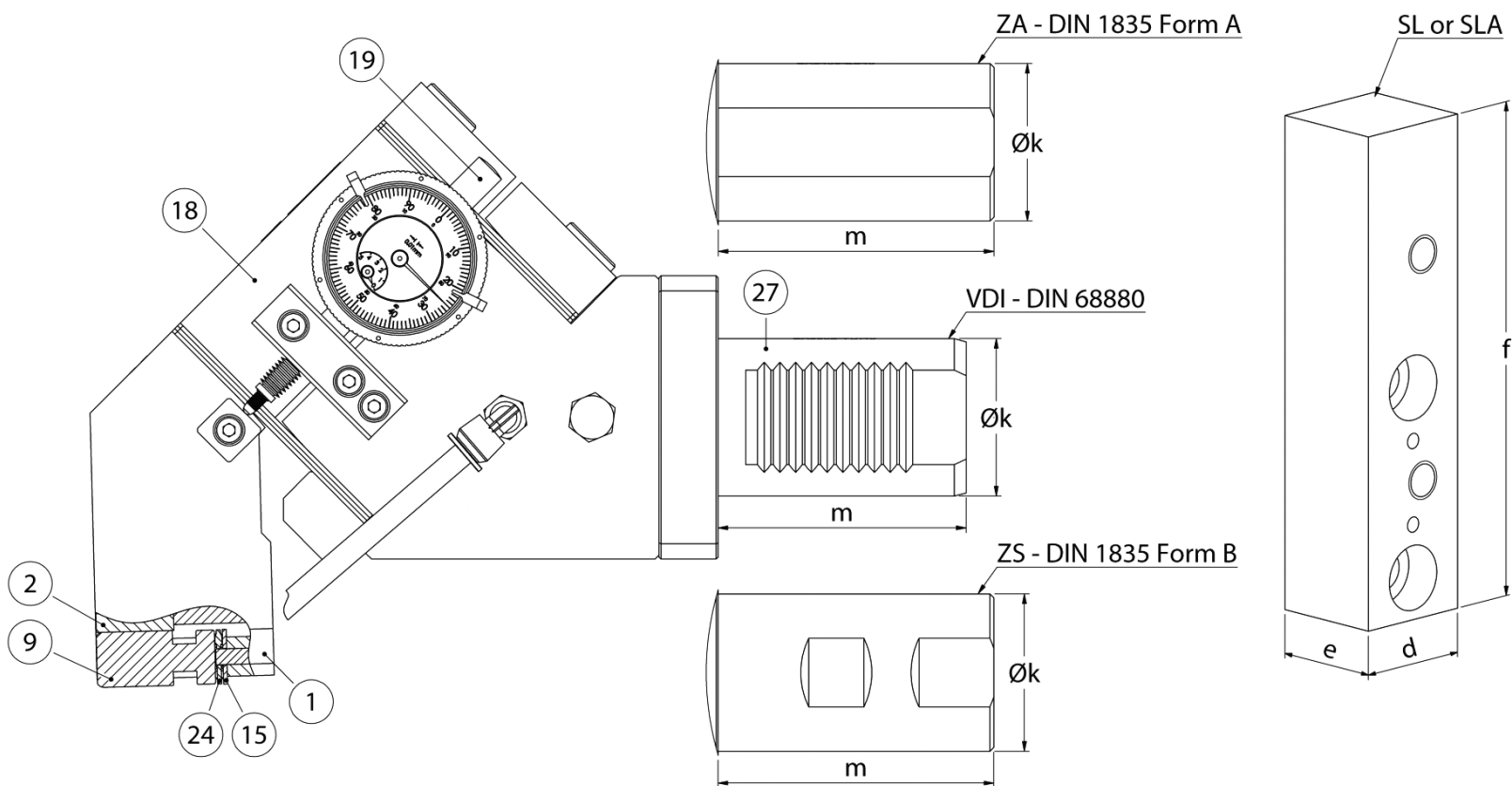


General information:

Tool body	Design	Version	Shank				
			VDI	Cylindrical		Square	
			DIN69880	DIN1835 A	DIN1835 B	SL	SLA
ERGW	14	1 2 3 4	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)		

Description:

- 1 Cage
- 2 Support Roller
- 9 Roller
- 15 Thrust ring
- 18 Tool body
- 19 Dial indicator
- 24 Bearing
- 27 Shank



Machining parameter:

Tool body	Working range [mm]	Circumferential speed [m/min]	Feed rate [mm/Umdrehung]	Rolling force [N]	Pre-machining roughness
ERGW 14	Ø ≥ 30 (bis zu Ø 5000)	max. 200	max. 1,0	10.000	Rz = 5 - 20 µm

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Dimension und Versions:

Tool body	Design	Shank	Height		Version 1				Version 2			n	
			a	b*	g	h	i	q	j	l	p		
ERGW	14	all	56	72	154	68	145	32	129	44	170	15	
		VDI40		83					134	49		-	
		VDI50		100						139			54
		VDI60		123			165						
Tool body	Design	Shank	Height		Version 3				Version 4				n
			a	b*	r	s	t	u	v	w	x	z	
ERGW	14	all	56	72	171	122	98	134	165	122	158	129	15
		VDI40		83									-
		VDI50		100									
		VDI60		123									

*There's no "n" size at VDI shank tools.

