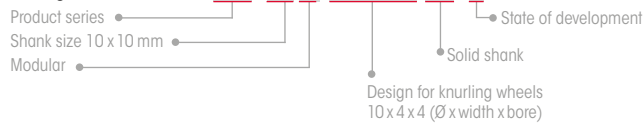


Series 141



Tool holder
Designation

141-10 M 100404-VS-A



Knurling profiles on DIN 82 workpiece:

Plunge/feed knurling



Selection of knurling wheels:

2 x AA	2 x BR	2 x BL	1 x BL30°	1 x BL45°
			1 x BR30°	1 x BR45°

Product features:

- Shank size 20 x 20 mm and 25 x 25 mm with Click-Pin® system – for fast retooling of the knurling wheels
- Modular design: Tool can be used as right-hand and left-hand version
- Knurling head with flexible centring
- Set screws in shank for clearance angle correction
- Carbide pins
- Modular shank design: Shank size 10 x 10 mm optionally adaptable

TOOL VERSIONS:

Order no.	Tool holder Designation	Working area Ø [mm]	Dimension [mm]							Knurling wheels (Ø x b x b) [mm]
			a	b	c	d	e	f	x	
31002702	141-10M100404-VS-A	3-25	10	10	105.5	12	25.5	21	1	10 x 4 x 4
31002703	141-12M100404-VS-A	3-25	12	12	105.5	12	25.5	22.5	1	10 x 4 x 4
31002658	141-16M150404-VS-A	6-60	16	16	119	16	39	33	1.5	15 x 4 x 4
31000741	141-16M150604-VS-A	6-60	16	16	119	16	39	33	1.5	15 x 6 x 4

Other variants available on request

Order no.	Tool holder Designation	Working area Ø [mm]	Dimension [mm]							Knurling wheels (Ø x b x b) [mm]
			a	b	c	d	e	f	x	
31002704	141-20M200806-B	10-110	20	20	130	20	50	42	2.5	20 x 8 x 6
31002705	141-25M200806-B	10-110	25	20	130	20	50	46	2.5	20 x 8 x 6
31002721	141-25M250806-B	15-220	25	20	136	20	56	55	2.5	25 x 8 x 6

Tools of series 141 can be converted to series 142 and vice versa by replacing the knurling head, with a shank size of 16 x 16 mm or larger

ADAPTER BRACKET FOR BASE SHANK 10 x 10 mm:

Order no.	Shank size [mm]
21BHR1653	12 x 12
21BHR1654	16 x 16



KNURLING HEADS 142:

Order no. Series 142	Shank size [mm]	Knurling wheels (Ø x w x b) [mm]
21BHR0532	16 x 16	15 x 6 x 6A11
21BHR0533	20 x 20	20 x 8 x 6A13

