

# Series 161



Tool holder  
Designation

Product series  
Shank size 10 x 10 mm  
Right-hand version

**161-10 R 150404-VS -A**

State of development

Solid shank

Design for knurling wheels  
15 x 4 x 4 (Ø x width x bore)

**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:**

- Knurl holder is easily adjustable to workpiece diameter by means of synchronous spindle
- Set screws in shank for clearance angle correction
- Carbide pins with surface secured by set screw
- 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	
31002719	161-10R150404-VS-A	0-15	10	10	113.4	19.6	33.4	40	2.5	15 x 4 x 4
31002722	161-12R150404-VS-A	0-15	12	12	113.4	19.6	33.4	40	2.5	15 x 4 x 4
31002724	161-16R150404-VS-A	0-15	16	16	113.4	19.6	33.4	40	2.5	15 x 4 x 4

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	xa		x
31002127	161-20M250806	3.5-65	20	25	164.8	28.4	92.8	103	33.5	1.5	20 x 8 x 6
		0-65	20	25	167.3	28.4	95.3	103	33.5	4	25 x 8 x 6

Other variants available on request

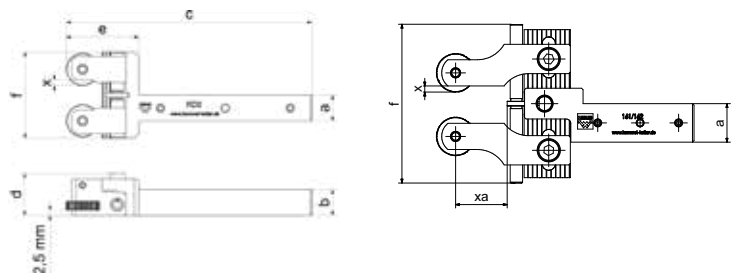
Left-hand version of all shank dimensions available on request

## ADAPTER BRACKET FOR BASE SHANK 10 x 10 mm:

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

## JAWS:

Order no. Series 162	Shank size [mm]
21BHR1673	10 x 10/12 x 12/16 x 16
21BHR1214	20 x 25



21BHR1214



21BHR1673

