



BURNISHING TOOL SET 520

The flexible burnishing tool for almost all workpiece geometries.



Product features

- Tool head is variably adjustable
- Tool universally applicable
- Swivel range $\pm 90^\circ$
- Thanks to the adjustability of the tool head, it is possible to burnish end face, conical, convex and concave geometries
- Application up to a shoulder
- Long tool life of the diamond burnishing tip due to eightfold change of tip position

Recommendations

- Burnishing speed up to 200 m/min
- Feed rate up to 0.2 mm/U
- Material allowance 0.01 mm ($\sim R_z 10$) and 0.02 mm ($\sim R_z 20$)
- For an optimum result it is recommended to use a cooling lubricant

TOOL VERSIONS:

☒ Available from stock

Item no. (right-hand version)	Item no. (left-hand version)	Tool holder model	Basic shank [mm]	Dimensions [mm]								Angle [°]		Including shank adapter [mm]
				a	b	c	d	e	f	g	x	+w	-w	
31003922 <input checked="" type="checkbox"/>	31013577 <input checked="" type="checkbox"/>	520-10	10 x 10	10	10	118.5	20	37.5	25	17.5	9.5	90	90	12 x 12
														16 x 16
31003923 <input checked="" type="checkbox"/>		520-16	16 x 16	16	16	114.5	20	34.6	25	17.5	9.5	90	90	20 x 20
														25 x 25

Sets delivered without diamond burnishing tip.

DIAMOND BURNISHING TIP VERSIONS:

Item no.	Tip radii [mm]
06TGW0024	0.2
06TGW0008	0.4
06TGW0009	0.6
06TGW0010	0.8
06TGW0011	1.0
06TGW0007	2.0

