

Bar cutting devices

Manual and pneumatic



You will be cut above the rest with us.

Chipless, burr-free cutting
No loss of material
High cutting performance
Environmentally friendly, coolant-free technology
Long tool service life



Manual shearing devices for batch or small-scale production

The BS manual cutting devices are easy to use and extremely efficient. Shearing instead of sawing for diameters up to 16 mm. The BS cutting device is suitable for all areas where round or square steel and NE metal rods need to be cut to length. Whether in the handicraft or in mechanical workshops, in equipment manufacturing or the machine tool industry, for industrial purposes or for wire components.

The ease of use and the possibility for on-site application on, for instance, construction sites, make the BS cutting device the ideal help for burr-free cutting-off of bolts, studs, axes, shafts or for cutting off springs and tool steels.

Environmentally friendly crosscutting without material loss and with the highest possible length tolerance. The separating points are most level, because the material is moved safely through both shearing dies. Bright drawn round rods can be processed further into collets after shearing.



BS 1

Cross-cutting up to Ø 8 mm

BS 2

Cross-cutting up to Ø 16 mm

For medium sized series, with pneumatic support

In the pneumatically supported BS PN cutting machines, the shearing stroke and the length stop are pneumatically operated. The shearing dies are identical to those of manual cutting devices. To facilitate the operator, the shearing stroke can be triggered by the foot switch or the stop plate.



BS PN with a base frame and a digital length read out

The BS 2 cutting devices can also be equipped with a base and a material support stand.

The shearing dies have a long service life and can be re-sharpened multiple times. There are standard shear holes for bright materials (also low- and high-alloy materials). Special dies are available for customer-specific diameters and profile cross-sections.



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Technical Data

		manual			pneumatic		
		BS 1	BS 2		BS 1 PN	BS 2 PN	
standard shearing dies	mm	Ø 1 – 8	Ø 5 – 16	Ø 2 – 12	Ø 1 – 8	Ø 5 – 16	Ø 2 – 12
apertures grading	mm	0,5	1	0,5 – 10, 11, 12	0,5	1	0,5 – 10, 11, 12
standard length-stop	mm	200	500		200	500	
low alloyed steel		≤ 8	≤ 16		≤ 8	≤ 16	
high alloyed and stainless steel		≤ 6	≤ 12		≤ 6	≤ 12	
possible shearing speeds up to	pcs./h	900	650		1500	1200	
net weight	kg	8,5	32		30	75	
gross weight	kg	13	40		45	110	
L x B x H	cm	48 x 30 x 24	80 x 30 x 24		70 x 50 x 50	90 x 60 x 80	