

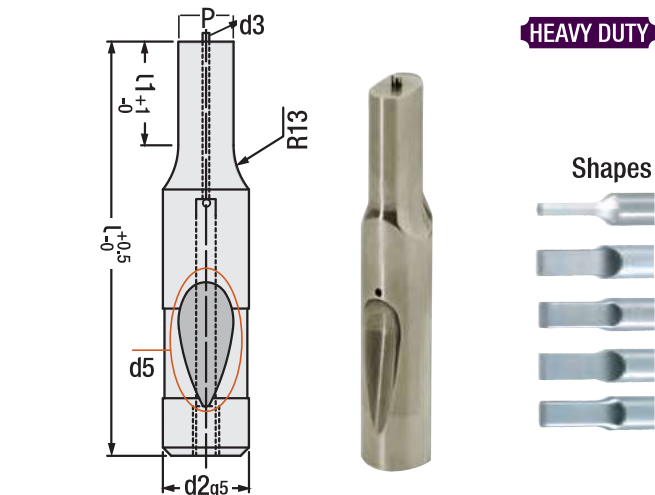
Ball Lock Punch with Ejector, Heavy Duty (Blank type) Code: BAFZ

Body and cutting edge are precision ground. It is for durable parts in all kinds of dies. Also, full or partial coating can be preferred upon request, by providing resistance against heat and friction on external layer, it solves problems such as winding and cold welding, coating thickness is 2 - 4 microns.

d2	d5	d3	l	d2	d5	d3	l
Ø 10 mm	10 mm	Ø 4	71	Ø 25 mm	12 mm	Ø 6	80
			80				90
			90				100
			100				110
Ø 13 mm	12 mm	Ø 5	71	Ø 32 mm	12 mm	Ø 6	80
			80				90
			90				100
			100				125
Ø 16 mm	12 mm	Ø 5	71	Ø 40 mm	12 mm	Ø 6	80
			80				90
			90				100
			100				125
Ø 20 mm	12 mm	Ø 6	71				80
			80				90
			90				100
			100				125

Order: BAFZ. d2 x l

Material: 1.3343 (M2)
Hardness: 60 - 62 HRC



Ball Lock Stepped Punch with Ejector, Heavy Duty Code: BAF..

Types: BAFY - BAFO - BAFK - BAFD - BAFA - BAFM - BAFX - BAFP

Please refer to the table on the right side

How to order:
Shape
d2
P/W
l1
l
Material

BAFO x 13 x P8.2 x W6.1 x 19 x 100 - M2

- When P = d2 shank / body tolerances apply.
- Standard ball socket location is at 90°.

Order d2	Ball Socket d5	Pin d3	d1 / Shape		Standard l1	Alternative l1 Min. Max.		l mm
			(BAFY) Round P	Other Shapes W G/P				
BAF..10	10	4	2.5 ~ 9.98	2.5 - 10	19	10	19	71
BAF..13	12 mm	5	5.0 ~ 12.98	4.5 - 13	19	13	25	
BAF..16		5	8.0 ~ 15.98	6.0 - 16	19	13	25	
BAF..20		6	12 ~ 19.98	8.0 - 20	19	13	25	
BAF..25		6	16 ~ 24.98	10 - 25	19	13	25	
BAF..32		6	24 ~ 31.98	12 - 32	19	13	25	
BAF..40		6	30 ~ 39.98	14 - 40	25	19	30	

Order: BAF(type). d2 x (P/W) x l1 x l

Material: 1.3343 (M2)
Hardness: 60 - 62 HRC

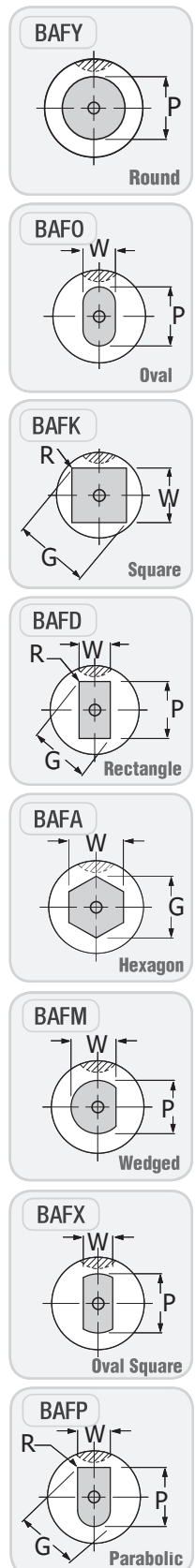
Standard Tolerances

Round P +0.1/-0.0	⊙0.1 From P to d2
Shape P,W,G ±0.1	⊙0.2 From P to d2

Standard position of ball socket is 90°. It can be preferred as 0° - 180° - 270°.

Note: By looking their position at die from upper surface of die, parts are displayed. Positions of punches are determined by looking along body. It is determined by tracking from the upper surface.

Shapes



Note: Special dimensions on request.

