

Ball Lock Punch with Ejector - Light Duty

(Blank type)

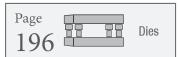
Code: BFZ

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

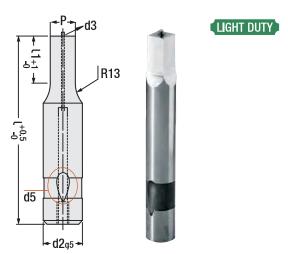
2 - 4 n		d3	ι	ı	d2	d5	d3	ι
Ø 6 mm	6 mm	Ø 3	63		Ø 20 mm	8 mm	Ø 6	
								63
			71					71
			80					80
			90					90
			100					
Ø 10 mm	8 mm	Ø 4	63					100
			71		Ø 25 mm	8 mm	Ø 6	63
			80					71
			90					80
			100					90
Ø 13 mm	8 mm	Ø 5	63					
			71					100
			80		Ø 32 mm	8 mm	Ø 6	71
			90					80
			100					90
Ø 16 mm	8 mm	Ø 5	63					100
			71		Ø 38 mm	8 mm	Ø 6	80
			80					
			90					90
			100					100



Material: 1,3343 (M2) Hardness: 60 - 62 HRC



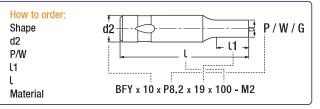
Note: Special dimensions on request.



Ball Lock Stepped Punch with Ejector Code: BF... **Light Duty**

Types: BFY - BFO - BFK - BFD - BFA - BFM - BFX - BFP

Please refer to the table on the right side

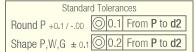


- When **P** = **d2** shank / body tolerances apply.
- Standard ball socket location is at 90°.

	Ball Socket d5	Pin d3	d1 / S	Sta	Alternative			
Order d2			(BFY) Round P	Other Shapes W G/P	Standard I	l1 Min. Max.		l mm
BF06	6	3	2.2 ~5.9	2.2 -5.9	13	10	-	
BF10	8 mm	4	2.5 ~9.9	2.5 -9.9	19	10	19	63
BF13		5	5.0 ~12.9	4.5 -12.9	19	13	25	71
BF16		5	8.0 ~15.9	6.0 -15.9	19	13	25	90
BF20		6	12 ~19.9	8.0 -19.9	19	13	25	
BF25		6	16 ~24.9	10 -24.9	19	13	25	
BF32		6	24 ~31.9	12.5 -31.9	25	25	30	80 90
BF38		6	30 ~37.9	14 -37.9	25	25	30	100

Order: BF(type). $d2 \times (P/W) \times l1 \times l$

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



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.





