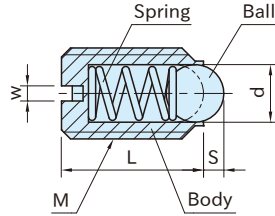


BSU-FC

BALL PLUNGERS WITH CERAMIC BALL

RHS SUS 200°C



Body	Spring	Ball
Stainless steel (SUS303)	Stainless steel (SUS301)	Si ₃ N ₄ (Silicon nitride ceramics)

Part Number	M	d	L	S	w	Force (N) Initial - Final	Weight (g)
BSU 5-FC	M 5×0.8	3	12	0.9	0.8	6~ 11	0.9
BSU 6-FC	M 6×1	3.5	14	1	1	9~ 13	1.5
BSU 8-FC	M 8×1.25	5	16	1.5	1.2	15~ 30	3.5
BSU10-FC	M10×1.5	6	19	2	1.6	20~ 35	7
BSU12-FC	M12×1.75	8	22	2.5	2	30~ 55	10
BSU16-FC	M16×2	10	24	3.5	2.5	65~125	24

Feature:

Ceramic balls have high resistance to wear, high hardness, and high electrical insulation.

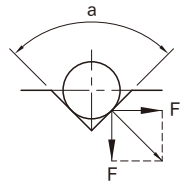
How To Use

Can be used with Ball Detents([BLB](#)).

Technical Data

Heat resistance : 200°C

Counterpart angle and plunger load



F = Load applied by plunger

F' = Force when plunger comes out of hole

a = 60° : F' (N) = 1.732 × F (N)

a = 90° : F' (N) = F (N)

a = 120° : F' (N) = 0.577 × F (N)