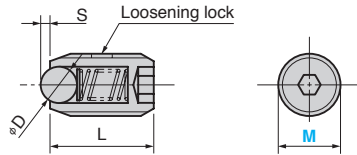


Ball Plunger

FOR LOCATING

RoHS

BPL (Light Load Type)
BPH (Heavy Load Type)
SBP (Stainless Steel Type)



	BPL	BPH	SBP
Material : Ball	SUJ2	SUJ2	SUS304
Thread	SCM435	SUS304	SUS304
Hardness :	36~40HRC		
Surface treatment :	Black chromating(BPL Only)		

Travel S	D	L	M×P	BPL Load N		BPH Load N		Catalog No.	M
				Initial	Final	Initial	Final		
0.5	1.5	7	M3×P0.5	—	—	1.5	2.9	BPH	3
0.8	2.5	9	M4×P0.7	2.0	4.9	3.9	9.8		4
0.8	3.0	12	M5×P0.8	2.9	9.8	4.9	19.6		5
0.8	3.0	13	M6×P1.0	4.9	14.7	9.8	29.4	BPL	6
1.0	4.0	15	M8×P1.25	6.9	19.6	12.7	39.2	BPH	8
1.2	5.0	16	M10×P1.5	8.8	24.5	18.6	49.0		10
1.8	7.0	20	M12×P1.75	9.8	29.4	19.6	58.8		12
2.5	9.5	25	M16×P2.0	15.7	49.0	29.4	98.1		16

Travel S	D	L	M×P	Load N		Catalog No.	M
				Initial	Final		
0.8	2.5	9	M4×P0.7	2.9	7.8		4
0.8	3.0	12	M5×P0.8	3.9	11.8		5
0.8	3.0	13	M6×P1.0	6.9	22.6		6
1.0	4.0	15	M8×P1.25	9.8	29.4	SBP	8
1.2	5.0	16	M10×P1.5	11.8	37.3		10
1.8	7.0	20	M12×P1.75	14.7	44.1		12
2.5	9.5	25	M16×P2.0	24.5	73.5		16

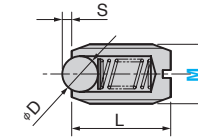
	Order	Catalog No.	M
		BPH	10
		SBP	12

Ball Plunger Plastic Type

FOR LOCATING

RoHS

NBSL (Steel Ball, Light Load Type)
NBSH (Steel Ball, Heavy Load Type)
NBNL (Nylon Ball, Light Load Type)
NBNH (Nylon Ball, Heavy Load Type)



	NBSL	NBNL
Material : Ball	SUJ2	Nylon
Thread	Delrin	Delrin

Travel S	D	L	M×P	NBSL/NBNL Load N		NBSH/NBNH Load N		Catalog No.	M
				Initial	Final	Initial	Final		
0.8	1/8	12	M5×P0.8	1.5	2.9	2.9	5.9	NBSL	5
0.8	1/8	13	M6×P1.0	4.4	10.8	8.8	21.6	NBSH	6
1.0	5/32	15	M8×P1.25	8.8	19.6	17.7	40.2	NBNL	8
1.4	3/16	16	M10×P1.5	10.8	21.6	21.6	44.1	NBNH	10
1.9	9/32	20	M12×P1.75	14.7	29.4	29.4	58.8		12

	Order	Catalog No.	M
		NBSH	8

Material detail
 SUJ 2 ... **T** B1 **A** 52100
 SUS304 ... **T** 11 **A** 304
 SCM435 ... **T** 34CrMo4 **A** 4137