BALL PLUNGERS/BALL BUTTONS/BALL PLUNGER WRENCHES





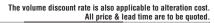
Printed in Red

BALL PLUNGERS

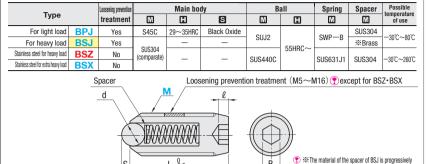
-CAP TYPE-



The volume discount rate is also applicable to alteration cost. All price & lead time are to be quoted.







					For light	load BPJ	For heavy	load BSJ	For heavy	load BSZ	For extra he	avy load BSX	Catalog N	lo.	U/F	rice
d	S	L	l	В	Load	(N)	Load	(N)	Load	(N)	Load	(N)	Turne	M	BPJ BSJ	BSZ BSX
					min.	max.	min.	max.	min.	max.	min.	max.	Type	(coarse thread)	1~19	1~19
1.0	0.2	5	1.0	0.9	1.0	2.04	_	_	1.4	2.37	_	_		*2		
1.5	0.5	7	1.0	1.5	1.0	2.0	1.5	2.9	1.5	2.9	2.2	5.0		3		
2.5		9	1.5	2	2.0	4.9	3.9	9.8	3.9	9.8	2.5	12.5	BPJ	4		
3.0	0.8	12	2.0	2.5	2.9	9.8	4.9	19.6	4.9	19.6	11.2	24.1	BSJ	5		
3.0		13	2.5	3	4.9	14.7	9.8	29.4	9.8	29.4	17.7	33.4		6	Quot	ation)
4.0	1.0	15	2.5	4	6.9	19.6	12.7	39.2	12.7	39.2	21.4	45.3	BSZ	8		
5.0	1.2	16	3.0	5	8.8	24.5	18.6	49.0	18.6	49.0	23.5	60.0	BSX	10		
7.0	1.8	20	3.0	6	9.8	29.4	19.6	58.8	19.6	58.8	24.1	63.7		12		
9.5	2.5	25	3.0	8	15.7	49.0	29.4	98.0	29.4	98.0	43.6	116.3		16		

The M2 • M3 • M4 have no groove for the specific wrench (BPJG), so that they can only be installed in hexagonal holes. Moreover they are not applied with loosening prevention treatment. For M5 or higher, use the specific wrench. *M2 is only available for BPJ • BSZ. Doad values min. "indicate an initial load, and max." a load when the ball is fully sunk. Load {kgf}=Load N×0.101972



Rate

Catalog No. BPJ12

 Quantity
 1~19
 20~49
 50~99
 100~200

 Rate
 —
 5%
 10%
 15%









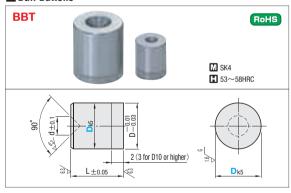
The For area out of Singapore please refer to P.i.



being changed over from brass to SUS304.

■ Ball Buttons

Quantity discount rate







	Catalog No.				U/Price				
Туре	D _{k5}	-	d	(g)	1~19	20~49	50~199	200~500	
6	+0.006 +0.001	8	2	2	Quotation				
BBT 8	+0.007	10	3	4		<u> </u>	atioi	٠	
10	+0.001	12	4	8					
12	+0.009	14	5	13					
16	+0.001	18	8	28					

To combine with Ball Plunger, make sure to match their catalog numbers (M=D). (BBT6 is also available for M5.)



Catalog No. BBT6





Catalog No.	Applicable M	U/Price for $1{\sim}9$
BPJG 1	5 • 6	
BPJG 2	8	
BPJG 3	10	(Quotation)
BPJG 4	12	
BPJG 5	16	

Available for M5∼M16 of ball plungers (BPJ+BSJ+BSZ+BSX).



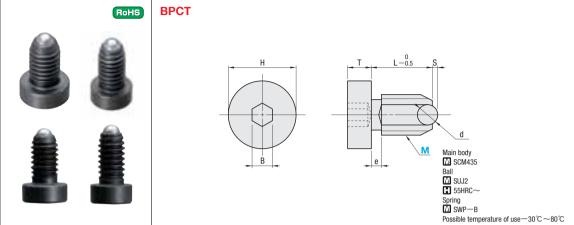






Quantity discount rate

_		•				
Qua	ntity	1~9	10~19	20~29	30~50	
Ra	ite	_	5%	10%	15%	Stocks Availability S



н	т.	В	D	B	D	D	D	D	D	D	D	B	٦	s			Load	(N)	Catalog N	0.	U/Price
	п	'	В	u	3	_	е	min.	max.	Туре	M	1~19									
	6	2.5	2	2.5	0.8	7	*_	5.8	11.7	ВРСТ	4										
	8	3	2.5	3	0.8	8	*_	5.9	13.8		5	(Ovetetien)									
	9	3.5	3	3	0.8	9	1.5	7.5	17.6		6	Quotation									
	11.5	4	4	4	1	11	2.0	11.6	26.2		8										

- *There is no relief machining on M4 and M5. Also, there is an incomplete threaded part, so chamfer the tap hole on the mounting side.
- Load values min." indicate an initial load, and max." a load when the ball is fully sunk.

Load $\{kqf\}$ = Load N \times 0.101972







SGP Stock

Catalog No.

For area out of Singapore please refer to P.i.

Quantity discount rate

	•			
Quantity	1~19	20~49	50~99	100~200
Rate	_	5%	10%	15%



Example

- It is possible to determine the position from the counterbore depth, so there is no need to adjust the plunger when installing it.
- · It is possible to install the plunger using a hex-wrench.
- It is recommended that you use the plunger mounted on a guide rail.

