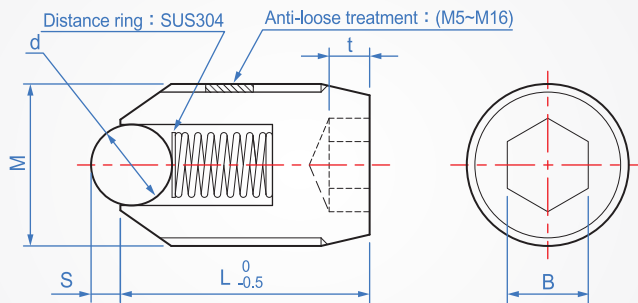


## Standard BB601



Types	Ontology			Bead	
	Material	Hardness	Surface treatment	Material	Hardness
Metal ball	Extremely light load <b>S</b>	S45C	29~35HRC	Steel (SUJ2)	55HRC~
	Light load <b>L</b>				
	Heavy load <b>H</b>	SUS304 quite	-		
Resin ball	Extremely heavy load <b>X</b>	S45C	29~35HRC	Nickel plated	Engineering plastic (POM)
	Light load <b>L</b>			Dyed black	
	Heavy load <b>H</b>				
	Extremely heavy load <b>X</b>				

Spring: SWP-B / Operating temperature: -30 °C ~ 80 °C



### How to order

BB601 - **L** - M4 - **S**

TYPE: BB601, M: M4, Load: L, Bead: S

Select load

- Extremely light..... **S**
- Light..... **L**
- Heavy..... **H**
- Extremely heavy..... **X**

Select bead material

- Steel..... **Blank**
- POM..... **POM**

See P.6-7 for applicable wrench Unit : mm

M Coarse thread	Metal ball		Resin ball		L	t	B	Load (N)								Applicable spanner
	d	S	d	S				Extremely light load(N) <b>S</b>		Light load(N) <b>L</b>		Heavy load(N) <b>H</b>		Extremely heavy load(N) <b>X</b>		
								min.	max.	min.	max.	min.	max.	min.	max.	
M2	1	0.2	-	-	5	1	0.9	-	-	0.7	1.4	1.2	2	-	-	Flathead screwdriver
M3	1.5	0.5	-	-	7	1	1.5	0.3	0.64	1	2	1.5	2.9	2	5	
M4	2.5		2.4		9	1.5	2	0.6	1.6	2	4.9	3.9	9.8	2.5	12.6	B-1
M5	3	0.8	3.2	0.8	12	2	2.5	1	3.12	2.9	9.8	4.9	19.6	11.7	25.1	
M6					13	2.5	3	1.6	4.85	4.9	14.7	9.8	29.4	18.7	35.3	B-2
M8	4	1	4	1	15		4	2.4	6.36	6.9	19.6	12.7	39.2	24.5	46.8	
M10	5	1.2	4.8	1.2	16	3	5	3	8.1	8.8	24.5	18.6	49	26.7	58.7	B-3
M12	7	1.8	7.1	1.8	20		6	3.5	9.68	9.8	29.4	19.6	58.8	26.1	62.3	B-4
M16	9.5	2.5	9.5	2.5	25		8	5.7	15.8	15.7	49	29.4	98	55.4	116	B-5

※ M2、M3、M4 front-end have not spanner groove, only can be installed with hex socket hole.

※ Load min. is initial load, the load max. are balls sink to the limit.

Load(kgf)=Load N × 0.101972