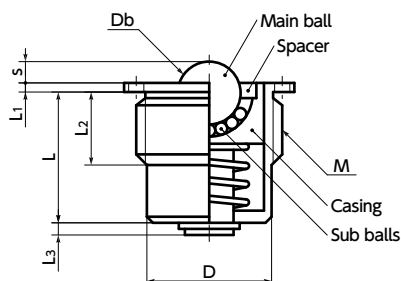
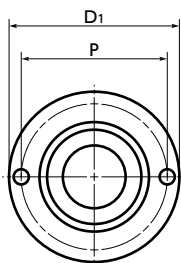




# BRPMS-S Ball Rollers with Spring Plunger Function

SUS Stainless steel



## ● Application

Conveyance / Fixing and locating work / Torque limiting / Indexing

## ● Material/Finish



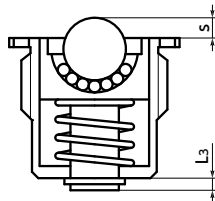
	BRPMS-S
Main Body	SUS304
Main Ball	SUS440C (Hardness: 55HRC or Higher)
Sub Ball	SUS440C (Hardness: 55HRC or Higher)
Spacer	SUS304
Casing	SUS304
Spring	SUS631J1

- Ball roller with plunger function. Flange type.
- Mounting height is easily determined.
- Use a dedicated wrench **BRW** for mounting and removing.
- The internal springs receive loads evenly even when the load is unbalanced.
- These can also be used as a general spring plunger with ball for fixing and locating workpieces. The smooth rotation of the ball reduces friction between the main ball and receiving side.

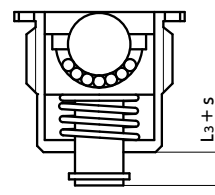


## Precautions for Use

- These are for upward applications only. If used for downward and sideward applications, the product may be damaged or the ball may malfunction.
- The bottom section moves the stroke distance of the main ball. Take care with the depth of the attachment hole.



Initial condition



Main ball  
At max. stroke

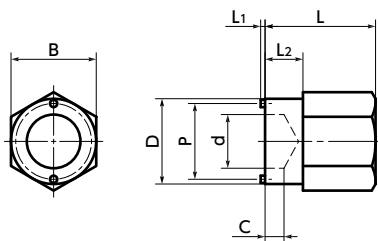
Unit : mm

Part Number	M (Fine) Nominal of Thread	Pitch	L	s	L1	L2	L3	D1	D	Db	P	Applicable Wrench	Load (N) Min./Max.	Mass (g)
<b>BRPMS-16-S</b>	M16	1.5	14	1.5	1.5	9	1.5	19	13.5	5.56	15.4	BRW-10	23 / 30	18
<b>BRPMS-20-S</b>	M20	1.5	17	2.5	1.5	10	2	24	16.5	8.73	18.5	BRW-12	24 / 38	30
<b>BRPMS-24-S</b>	M24	1.5	21.5	3.5	1.5	12	2	28	20.5	10.32	24	BRW-16	24 / 55	54

## ● Dedicated Wrench

Unit : mm

Part Number	L	L1	L2	B	C	D	d	P	Mass (g)
<b>BRW-10</b>	25	1.4	8	19	3	18.5	10	15.4	55
<b>BRW-12</b>	30	1.4	10	24	4	22	12	18.5	102
<b>BRW-16</b>	35	1.4	12	27	6	27	17	24	153
<b>BRW-20</b>	40	1.4	14	30	7	33	20	29.6	220



## ● Part number specification

**BRPMS-20-S**

Product  
Code

M

Stainless Steel  
Main Ball

1 Individual Sales → P.xxxx

Cleanroom Wash & Packaging → P.xxxx

Screw Length Adjustment → P.xxxx

Vibration Resistant → P.xxxx

1 piece in 1 pack

Please feel free to contact us

Not Available

Not Available