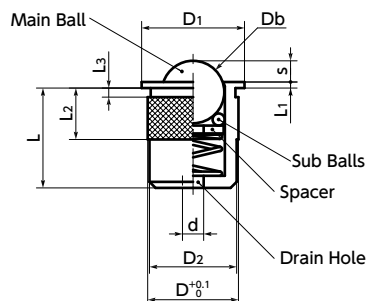




BRPIN-N Ball Rollers with Spring Plunger Function



● Material/Finish



	BRPIN-N
Main Body	Polyacetal/White
Main Ball	Polyacetal/White
Sub Ball	SUS440C (Hardness 55HRC or Higher)
Spacer	Polyacetal/White
Spring	SUS631J1



- These are insert type ball rollers with spring plunger function.
- Because the body section is inserted, the height can be reduced.
- Use an adhesive to secure these rollers.
- Their internal springs receive loads evenly even when the load is unbalanced.
- These rollers can also be used as a general spring plunger with ball for fixing and locating workpiece. The smooth rotation of the ball reduces friction between the main ball and receiving side.
- Both the body and main ball are polyacetal. Workpiece is not damaged.
- These ball rollers have drain holes and are intended for food production lines and other applications that require cleaning.

● Application

Conveyance, fixing and locating work, torque limiting, and indexing



Precautions for Use

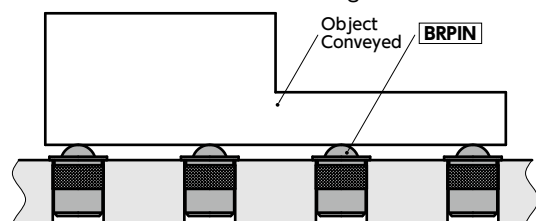
These are insert type ball rollers. Use a clearance fit when fitting with the attachment hole.

Unit : mm

Part Number	D	D1	D2	L	s	L1	L2	L3	Db	d	Load (N) Min./Max.	Mass (g)
BRPIN-7-N	7	9	7	7.5	1.5	1	7.5	1	4.76	1.5	0.1 / 2	0.49
BRPIN-9-N	9	11	8.4	10	1.7	1	7	1	5.56	2.5	0.2 / 4	0.92
BRPIN-13-N	13	15	12.4	15	2.8	1	7	1.2	8.73	3	0.3 / 7	2.7
BRPIN-15-N	15	17	14.7	16.5	3.5	1	8.5	1.5	10.32	3.5	0.3 / 11	3.9
BRPIN-20-N	20	22	19.4	22.5	5.2	1.5	10.5	1.5	15.88	5.3	0.3 / 14	9.3
BRPIN-24-N	24	26	23.4	29	6.6	1.5	13.5	1.5	19.05	6.4	0.3 / 21	17

● Usage example

When there is unbalanced weight.



● Part number specification

BRPIN-13-N

Product Code D Polyacetal Main Ball

1 Individual Sales → P.xxxx

1 piece in 1 pack

Cleanroom Wash & Packaging → P.xxxx

Please feel free to contact us

Screw Length Adjustment → P.xxxx

Not Available

Vibration Resistant → P.xxxx

Not Available