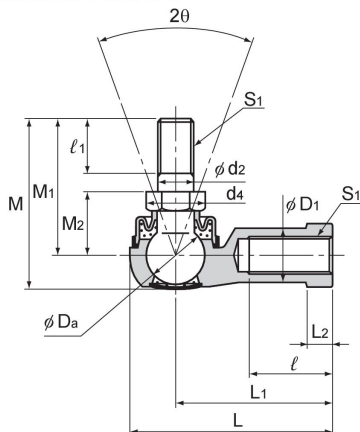


Model BL and Model BL-A



Model No.	Outer dimensions			Threaded S ₁ JIS Class 2	Holder dimensions					
	Length	Diameter	Height		L ₁	ℓ	L ₂	D ₁	D ₂	W
	L	D	M							0 -0.3
BL 4DA	24.5	13	20	M4×0.7	18	8	4	7.5	9.5	8
BL 5DA	34.5	15	26.7	M5×0.8	27	15	4	9	12	10
BL 6D	38	16	32.6	M6×1	30	16	5	10	13	11
BL 8D	45.5	19	38.6	M8×1.25	36	19	6	12.5	16	14
BL 10D	55.5	25	46.3	M10×1.25	43	23	7	14.5	19	17
BL 10BD	55.5	25	52.3	M10×1.5	43	23	7	14.5	19	17
BL 12D	64.5	29	52.7	M12×1.25	50	26	8	17.5	22	19
BL 12BD	64.5	29	59.7	M12×1.75	50	26	8	17.5	22	19
BL 14D	74	34	68.4	M14×1.5	57	30	10	20	25	22
BL 14BD	74	34	74.4	M14×2	57	30	10	20	25	22
BL 16D	83	38	74	M16×1.5	64	34	11	22	27	24
BL 16BD	83	38	80	M16×2	64	34	11	22	27	24

Note) Model BL-A is only available in size 4 and 5.

[Material]

Holder : A-1 alloy (BL4 to 5) (see **A22-5**)
 : High strength zinc alloy (BL6 to 16) (see **A22-6**)
 Ball shank : Lightly Carburized Carbon Steel Ball:
 650 HV or higher
 Shank S35C (20 to 28 HRC)
 Chromate treatment
 Boot : NBR special synthetic rubber

[Spherical Clearance]

Radial direction : 0.02 to 0.06mm
 Axial direction : 0.3mm or less

[Tolerance of the Mating Hole of the Ball Shank]

H10 is recommended

Model number coding

BL6 D L
 Model number | With boot attached | Screw symbol

Screw symbol	No symbol	L
Holder unit set screw	Right-hand	Left-hand
Ball shank	Right-hand	

Note) No model is available without boot.