

ID series

RoHS compliant

H type A type B type

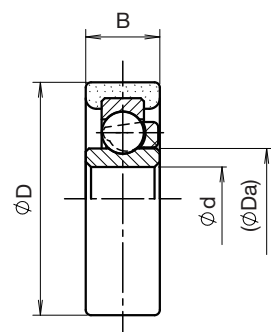
Plastic bearing (Heavy duty) | Flat

Inner ring

Riveting shaft

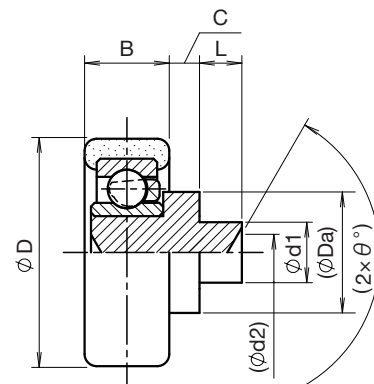
Screw shaft

Model 1 Inner ring



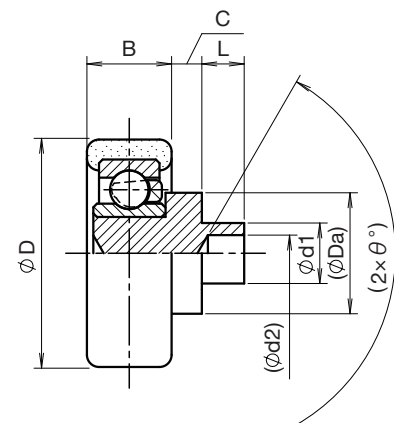
ID-H

Model 2 Inner ring (Countersink)



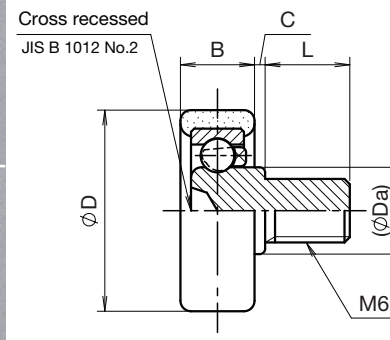
ID-A

Model 3 Inner ring (Counterbore)



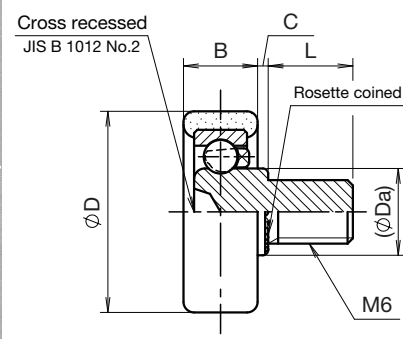
ID-A

Model 4 Screw shaft (Cross recessed head)



ID-B

Model 5 Screw shaft (Cross recessed head and rosette coined)



ID-B

Lineup

ID-H

Inner ring

(mm)

Model	D ⁰ _{-0.1}	d ^{+0.1} ₀	B ^{±0.2}	Da	Load (N)	Weight (g)	JIS equivalent	Code	Part No.
1	19 ⁰ _{-0.3}	6	7	8.2	343	5.1	626	221301	ID-19-H6
1	22	6	7	9.5	343	7.5	636	221303	ID-22-H6

ID-A

Riveting shaft

(mm)

Model	D ⁰ _{-0.1}	d1 ⁰ _{-0.1}	B ^{±0.2}	C ^{±0.4}	L ^{±0.2}	d2×θ	Da	Load (N)	Weight (g)	Code	Part No.
2	19 ⁰ _{-0.3}	5	7	0.5	3.5	4×120°	9.0	343	-	-	ID-19-AH0.5
2		5	7	1	3.5	4×120°	9.0	343	-	-	ID-19-AH1
3		5	7	2.5	3.5	4×120°	10.0	343	8.5	221102	ID-19-AH2.5
2	22	5	7	1	4	4×120°	9.0	343	-	-	ID-22-AH1
2		5	7	2	4	4×120°	9.0	343	-	-	ID-22-AH2

ID-B

Screw shaft

(mm)

Model	D ⁰ _{-0.1}	B ^{±0.2}	C ^{±0.4}	L ^{±0.5}	Da	Screw specification	Rosette coined	Load (N)	Weight (g)	Code	Part No.
5	19 ⁰ _{-0.3}	7	0.5	8	8.2	M6 P1.0	●	343	-	-	ID-19-B0.5-M6×8
4		7	1	8	8.2	M6 P1.0	-	343	-	221207	ID-19-B1
4	22	7	0.5	8	9.5	M6 P1.0	-	343	-	-	ID-22-B0.5-M6×8
5		7	1	8	9.5	M6 P1.0	●	343	-	-	ID-22-B1-M6×8
4		7	2	8	9.5	M6 P1.0	-	343	-	-	ID-22-B2-M6×8

*JIS notation is equivalent to JIS B 1512 (Rolling bearings - main dimension) and JIS B 1513 (Nominal numbers of rolling bearings), and this product does not conform to JIS standards.

*All products are made-to-order only, but some may be in stock. Please contact your local distributor or trading company in case of urgent need.

Product information

Feature classification

Outer race type

Flat	Convex round	U-groove
V-groove	Concave groove	One-sided flange
Plastic	Stainless steel	Steel
Ceramic	Rubber	

Inner race type

Inner ring	Inner race width wide
Screw shaft	Riveting shaft

Feature

Water resistant	Heat resistant	Chemical resistant
Antistatic	Non magnetic	High speed rotation
High load	Toughness	Low noise

Components of product name

No	Item	Symbol	Meaning
1	Outer race material symbol	ID	Polyacetal (Carbon steel insert bearing)
2	Outer race shape symbol	(R)	Flat *Omitted
3	Retainer or full ball type	Omitted	Retainer (Polypropylene)
4	Outer race outer diameter	-	(Numerical ØD dimension shown in drawing)
5	Ball material symbol	Omitted	Carbon steel ball
6	Inner race shape symbol	H AH B	Inner ring Inner ring with riveting shaft Screw shaft
7	Inner race material symbol	Omitted	Carbon steel (Plating)
8	Bore and clearance dimension for mounting	-	(Numerical Ød/C dimension shown in drawing)
9	Additional information	M6×8	Screw specification × Screw length L dimension