

DT series

RoHS compliant

H type A type B type

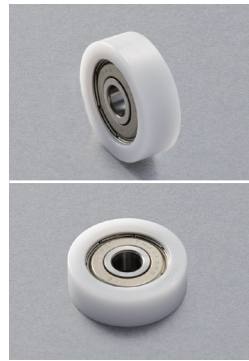
Plastic bearing (Metal bearing insert) | Flat

Inner ring

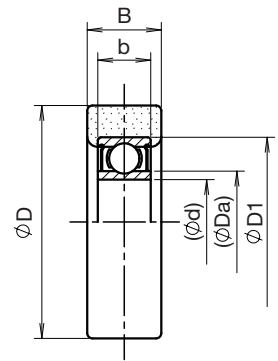
Riveting shaft

Screw shaft

Model 1 Inner ring (Inner race width: Concave)



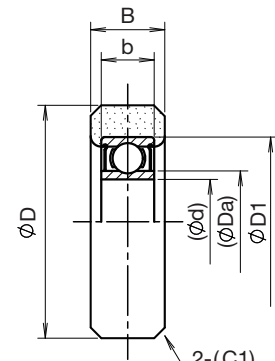
DT-H



Model 2 Inner ring (Inner race width: Concave and Chamfered outer race)



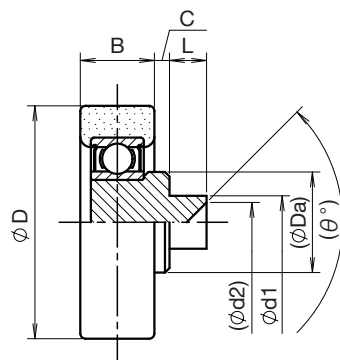
DT-H



Model 3 Riveting shaft



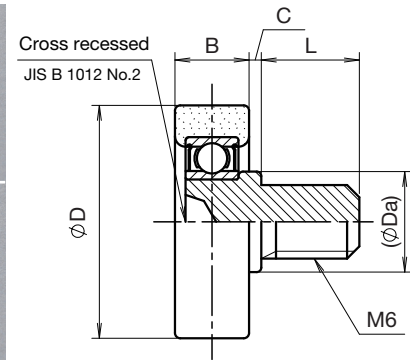
DT-A



Model 4 Screw shaft (Cross recessed head)



DT-B



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	DT	Polyacetal resin *Precision bearing insert
2	Outer race shape symbol	(R)	Flat *Omitted
3	Retainer or full ball type	Omitted	Retainer (Polypropylene)
4	Outer race outer diameter	-	(Numerical ϕD dimension shown in drawing)
5	Ball material symbol	Omitted	Carbon steel ball
6	Inner race shape symbol	H AH BH	Inner ring *Including omitted Inner ring with riveting shaft Inner ring with screw shaft
7	Inner race material symbol	Omitted	Bearing steel
8	Bore and clearance dimension for mounting	-	(Numerical $\phi d/C$ dimension shown in drawing)
9	Additional information	- CB -	The name of insert bearing Outer race color tone: black Numerical B/L dimension shown in drawing *Including omitted

Lineup

DT-H

Inner ring

Model	D ± 0.1	d	B $\begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$	b	D1	Da	Load (N)	Weight (g)	JIS equivalent	Code	Part No.
1	12	4	4.1	4	9	5.2	-	-	-	110000	DT-12-684ZZ
2	17 ± 0.15	4	6	4	12	5.6	98	-	-	110071	DT-17-604ZZ-CB
1	18	6	6	4	12	7.7	392	3.0	-	110200	DT-18-L1260ZZ
1	19	6	6	4	12	7.7	392	3.0	-	110201	DT-19-L1260ZZ
1	20	6	6	4	12	7.7	392	3.4	-	110202	DT-20-L1260ZZ
1	22	8	7	5	16	10.3	441	5.7	-	110070	DT-22-688ZZ
1	24 ± 0.15	6	8	6	19	9.2	490	9.7	-	110203	DT-24-H6-626ZZ
1	26 ± 0.15	6	8	6	19	9.2	490	10.8	-	110056	DT-26-H6-626ZZ
1	30 ± 0.15	8	9	7	22	10.8	686	16.1	-	110204	DT-30-608ZZ
1	35 ± 0.15	8	9	7	22	10.8	784	19.1	-	110205	DT-35-608ZZ

DT-A

Riveting shaft

Model	D ± 0.15	d1 $\begin{smallmatrix} 0 \\ -0.1 \end{smallmatrix}$	B $\begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$	C ± 0.4	L ± 0.2	d2 $\times\theta$	Da	Load (N)	Weight (g)	Code	Part No.
3	24	5	8	0.5	4	4 $\times$ 120°	9.0	490	-	110209	DT-24-AH0.5-4-626ZZ

DT-B

Screw shaft

Model	D ± 0.1	B $\begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$	C ± 0.4	L ± 0.5	Da	Screw specification	Rosette coined	Load (N)	Weight (g)	Code	Part No.
4	18	6	1	8	9	M6 P1.0	-	392	6.1	110100	DT-18-BH1-L1260ZZ
4	19	6	1	8	9	M6 P1.0	-	392	6.3	110101	DT-19-BH1-L1260ZZ
4	20	6	1	8	9	M6 P1.0	-	392	6.5	110102	DT-20-BH1-L1260ZZ
4	22	7	1	8	12	M6 P1.0	-	441	10.6	110103	DT-22-BH1-688ZZ
4	24 ± 0.15	8	1	8	9	M6 P1.0	-	490	13.2	110104	DT-24-BH1-626ZZ
4	26 ± 0.15	8 ± 0.2	0.5	8	10	M6 P1.0	-	490	14.0	110058	DT-26-BH0.5-626ZZ
4		8 ± 0.2	1	8	9	M6 P1.0	-	490	14.3	110105	DT-26-BH1-626ZZ
4		8 ± 0.2	2	9.5	10	M6 P1.0	-	490	15.4	110057	DT-26-BH2-9.5-626ZZ
4		8 ± 0.2	4	8	10	M6 P1.0	-	490	16.3	110060	DT-26-BH4-626ZZ
4		8 ± 0.2	6	14	10	M6 P1.0	-	490	18.7	110059	DT-26-BH6-14-626ZZ
4	30 ± 0.15	9	1	8	12	M6 P1.0	-	686	21.7	110106	DT-30-BH1-608ZZ
4	35 ± 0.15	9	1	8	12	M6 P1.0	-	686	24.8	110107	DT-35-BH1-608ZZ-9

*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.