

DL series

RoHS compliant

A type B type

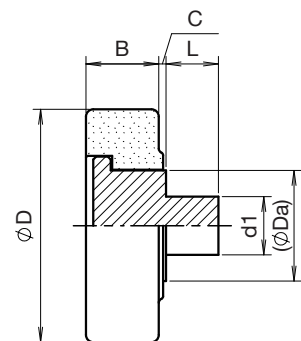
Plastic roller (With shaft) | Flat

Riveting shaft Screw shaft

Model 1 Riveting shaft (Without counterbore)



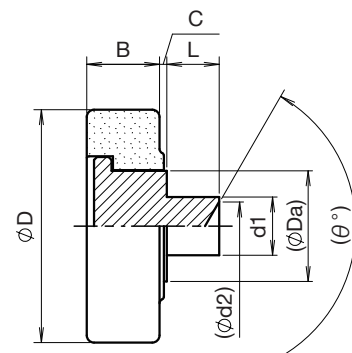
DL-A



Model 2 Riveting shaft



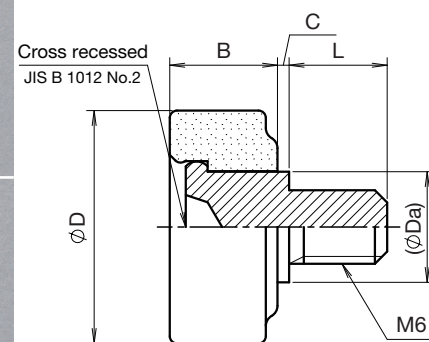
DL-A



Model 3 Screw shaft (Cross recessed head)



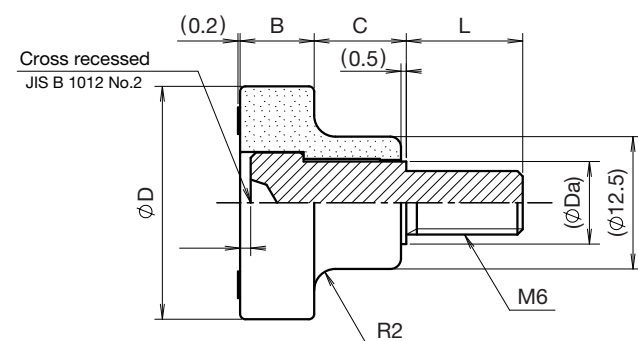
DL-B



Model 4 Screw shaft (Cross recessed head and long length type)



DL-B



Lineup

DL-A

Riveting shaft

(mm)

Model	D ⁰ _{-0.1}	d1 ⁰ _{-0.1}	B ⁰ _{-0.2}	C ^{±0.4}	L ^{±0.2}	d2×θ	Da	Weight (g)	Code	Part No.
1	16	4	5	0.5	3.6	-	7.6	3.3	240012	DL-16-A0.5
2		5 ⁰ _{-0.2}	6.6	1.6	3.5	4×95°	7.6	4.5	240010	DL-16-A1.6
2	19	5	6.6	1.6	3.5	4×100°	7.6	5.2	240021	DL-19-A1.6
2	22	5	6.6	1.6 ^{±0.5}	3.5	4×100°	7.6	5.9	240040	DL-22-A1.6
2	26	5	6.6	1.6	3.5	4×100°	7.6	7.4	240080	DL-26-A1.6

DL-B

Screw shaft

(mm)

Model	D ⁰ _{-0.1}	B ⁰ _{-0.2}	C ^{±0.4}	L ^{±0.5}	Da	Screw specification	Rosette coined	Weight (g)	Code	Part No.
3	16	6.6	1.6	8	7.6	M6 P1.0	-	-	240112	DL-16-B1.6
3	19	6.6	1.6	8	7.6	M6 P1.0	-	6.0	240120	DL-19-B1.6
3	22	6.6	1.6	8	7.6	M6 P1.0	-	6.7	240140	DL-22-B1.6
4	22 ^{±0.2}	7 ^{±0.2}	8.7	11	7.8	M6 P1.0	-	-	240152	DL-22-B8.7
3	26	6.6	1.6	8	7.6	M6 P1.0	-	8.1	240180	DL-26-B1.6

*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	DL	Plastic roller
2	Outer race shape symbol	(R)	Flat *Omitted
3	Retainer or full ball type	-	-
4	Outer race outer diameter	-	(Numerical Ø D dimension shown in drawing)
5	Ball material symbol	-	-
6	Inner race shape symbol	A B	Riveting shaft Screw shaft
7	Inner race material symbol	Omitted	Carbon steel (Plating)
8	Bore and clearance dimension for mounting	-	(Numerical C dimension shown in drawing)