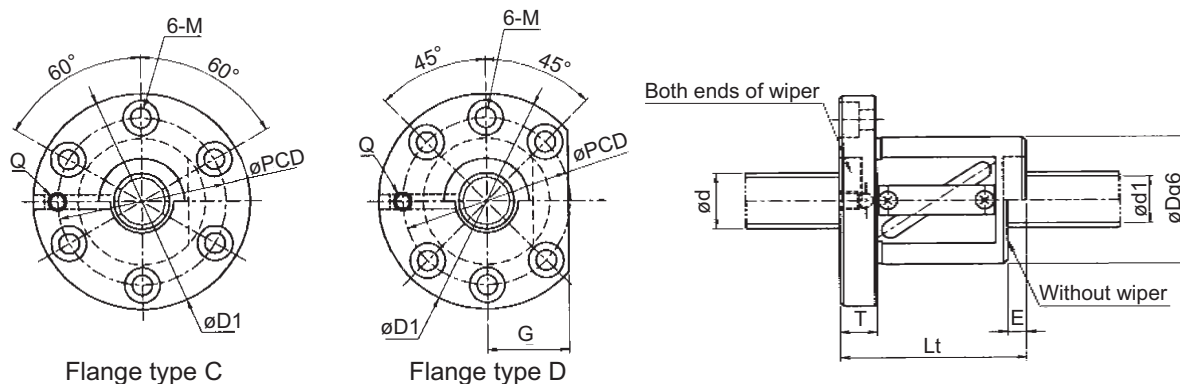


Custom Ball Screw: TUBE METHOD SINGLE NUT (Accuracy grade C0-C10)



(Unit: mm)

Model No.	Screw shaft diameter d	Lead L	Ball diameter D _s	Root diameter d _r	Number of circuits Turn x Circuit	Basic dynamic load rating C (N)	Basic static load rating C ₀ (N)	*Rigidity K _{NS} (N/μm)	Nut dimensions													Mass						
									Outer diameter D	Overall length L _t	Wiper material	Without wiper E	Flange thickness T	Flange outer diameter D ₁	Flange type	Flange dimensions						Mounting hole			Nut (kg)	Screw shaft (kg/100mm)		
																W	X	Y	A	B	G	Q	PCD	M				
GR6306BS-CAPR	63	6	3.9688	59.6	1.5x2	22100	83500	450	100	65	P	4	18	142	C	—	—	—	—	—	—	Rc1/8	120	11	17.5	10.8	3.27	2.43
GR6306BS-DAPR	63	6	3.9688	59.6	1.5x2	22100	83500	450	100	65	P	4	18	142	D	—	—	—	—	—	53	Rc1/8	120	11	17.5	10.8	3.10	2.43
GR6306CS-CAPR	63	6	3.9688	59.6	1.5x3	31300	125300	650	100	77	P	4	18	142	C	—	—	—	—	—	—	Rc1/8	120	11	17.5	10.8	3.66	2.43
GR6306CS-DAPR	63	6	3.9688	59.6	1.5x3	31300	125300	650	100	77	P	4	18	142	D	—	—	—	—	—	53	Rc1/8	120	11	17.5	10.8	3.50	2.43
GR6308BS-CAPR	63	8	4.7625	59	1.5x2	27800	102500	460	104	78	P	5	22	150	C	—	—	—	—	—	—	Rc1/8	126	14	20	13	4.48	2.43
GR6308BS-DAPR	63	8	4.7625	59	1.5x2	27800	102500	460	104	78	P	5	22	150	D	—	—	—	—	—	57	Rc1/8	126	14	20	13	4.27	2.43
GR6308CS-CAPR	63	8	4.7625	59	1.5x3	39300	153800	660	104	94	P	5	22	150	C	—	—	—	—	—	—	Rc1/8	126	14	20	13	5.07	2.43
GR6308CS-DAPR	63	8	4.7625	59	1.5x3	39300	153800	660	104	94	P	5	22	150	D	—	—	—	—	—	57	Rc1/8	126	14	20	13	4.87	2.43

Note: • The rigidity indicated with the *mark in the above list represents the operational value based on the result of rigidity testing. This value is calculated from the elastic displacement measured when the axial load equivalent to 30% of basic dynamic load rating (C) is applied between the screw thread and the balls.

• Wiper material P: Plastic wiper