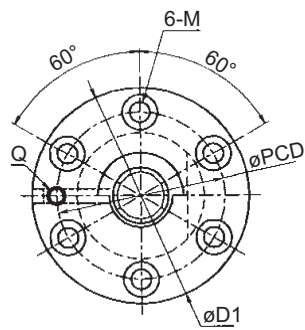
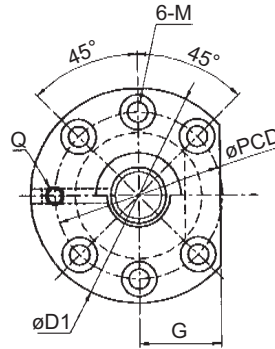


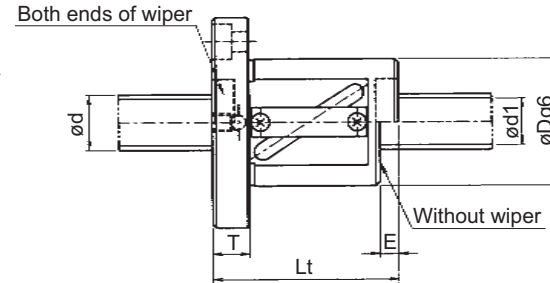
Custom Ball Screw: TUBE METHOD SINGLE NUT (Accuracy grade C0-C10)



Flange type C



Flange type D



(Unit: mm)

Model No.	Screw shaft diameter d	Lead L	Ball diameter D _b	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					
																W	X	Y	A	B	G	Q	PCD	M				
																								Drill	Spot facing	Depth	Nut (kg)	Screw shaft (kg/100mm)
GR6310DS-CAPR	63	10	6.3500	58.2	2.5×1	36800	114900	400	108	75	P	8	22	154	C	—	—	—	—	—	—	Rc1/8	130	14	20	13	4.65	2.43
GR6310DS-DAPR	63	10	6.3500	58.2	2.5×1	36800	114900	400	108	75	P	8	22	154	D	—	—	—	—	—	58	Rc1/8	130	14	20	13	4.42	2.43
GR6310ES-CAPR	63	10	6.3500	58.2	2.5×2	66600	229800	760	108	105	P	8	22	154	C	—	—	—	—	—	—	Rc1/8	130	14	20	13	5.86	2.43
GR6310ES-DAPR	63	10	6.3500	58.2	2.5×2	66600	229800	760	108	105	P	8	22	154	D	—	—	—	—	—	58	Rc1/8	130	14	20	13	5.63	2.43
GR6310FS-CAPR	63	10	6.3500	58.2	2.5×3	94400	344700	1100	108	135	P	8	22	154	C	—	—	—	—	—	—	Rc1/8	130	14	20	13	7.07	2.43
GR6310FS-DAPR	63	10	6.3500	58.2	2.5×3	94400	344700	1100	108	135	P	8	22	154	D	—	—	—	—	—	58	Rc1/8	130	14	20	13	6.84	2.43
GR6312DS-CAPR	63	12	7.9375	56.8	2.5×1	48700	139000	400	115	83	P	7	22	161	C	—	—	—	—	—	—	Rc1/8	137	14	20	13	5.72	2.43
GR6312DS-DAPR	63	12	7.9375	56.8	2.5×1	48700	139000	400	115	83	P	7	22	161	D	—	—	—	—	—	61	Rc1/8	137	14	20	13	5.48	2.43
GR6312ES-CAPR	63	12	7.9375	56.8	2.5×2	88500	278000	760	115	119	P	7	22	161	C	—	—	—	—	—	—	Rc1/8	137	14	20	13	7.46	2.43
GR6312ES-DAPR	63	12	7.9375	56.8	2.5×2	88500	278000	760	115	119	P	7	22	161	D	—	—	—	—	—	61	Rc1/8	137	14	20	13	7.22	2.43
GR6312FS-CAPR	63	12	7.9375	56.8	2.5×3	125500	417000	1100	115	155	P	7	22	161	C	—	—	—	—	—	—	Rc1/8	137	14	20	13	9.20	2.43
GR6312FS-DAPR	63	12	7.9375	56.8	2.5×3	125500	417000	1100	115	155	P	7	22	161	D	—	—	—	—	—	61	Rc1/8	137	14	20	13	8.96	2.43
GR6316DS-CAPR	63	16	9.5250	55.6	2.5×1	80300	231000	450	122	115	P	13	28	180	C	—	—	—	—	—	—	Rc1/8	150	18	26	17.5	9.53	2.43
GR6316DS-DAPR	63	16	9.5250	55.6	2.5×1	80300	231000	450	122	115	P	13	28	180	D	—	—	—	—	—	69	Rc1/8	150	18	26	17.5	9.16	2.43
GR6316ES-CAPR	63	16	9.5250	55.6	2.5×2	145800	462000	850	122	163	P	13	28	180	C	—	—	—	—	—	—	Rc1/8	150	18	26	17.5	12.25	2.43
GR6316ES-DAPR	63	16	9.5250	55.6	2.5×2	145800	462000	850	122	163	P	13	28	180	D	—	—	—	—	—	69	Rc1/8	150	18	26	17.5	11.88	2.43
GR6320DS-CAPR	63	20	9.5250	55.6	2.5×1	80300	231000	460	122	115	P	13	28	180	C	—	—	—	—	—	—	Rc1/8	150	18	26	17.5	9.53	2.43
GR6320DS-DAPR	63	20	9.5250	55.6	2.5×1	80300	231000	460	122	115	P	13	28	180	D	—	—	—	—	—	69	Rc1/8	150	18	26	17.5	9.16	2.43
GR6320ES-CAPR	63	20	9.5250	55.6	2.5×2	145800	462000	860	122	175	P	13	28	180	C	—	—	—	—	—	—	Rc1/8	150	18	26	17.5	12.93	2.43
GR6320ES-DAPR	63	20	9.5250	55.6	2.5×2	145800	462000	860	122	175	P	13	28	180	D	—	—	—	—	—	69	Rc1/8	150	18	26	17.5	12.57	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