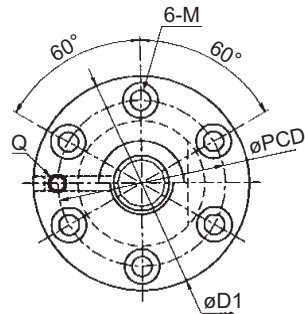
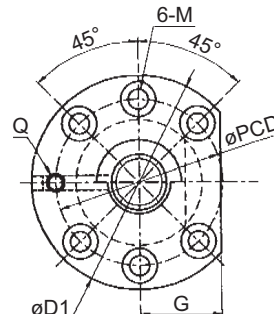


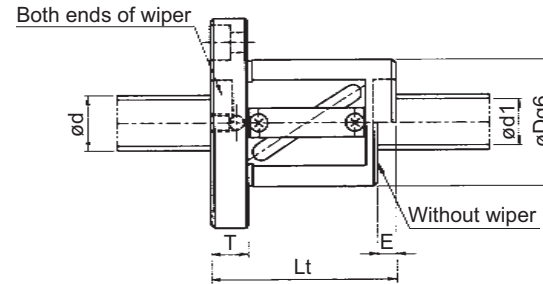
Custom Ball Screw: TUBE METHOD SINGLE NUT (Accuracy grade C0-C10)



Flange type C



Flange type D



(Unit: mm)

Model No.	Screw shaft diameter d	Lead L	Ball diameter D _b	Root diameter d _t	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			Nut (kg)	Screw shaft (kg/100mm)
																								Drill	Spot facing	Depth		
GR5005BS-CAPR	50	5	3.1750	47.5	1.5×2	14800	54200	370	80	56	P	5	15	114	C	—	—	—	—	—	—	Rc1/8	96	9	14	8.6	1.80	1.53
GR5005BS-DAPR	50	5	3.1750	47.5	1.5×2	14800	54200	370	80	56	P	5	15	114	D	—	—	—	—	—	43	Rc1/8	96	9	14	8.6	1.71	1.53
GR5005CS-CAPR	50	5	3.1750	47.5	1.5×3	21000	81300	530	80	66	P	5	15	114	C	—	—	—	—	—	—	Rc1/8	96	9	14	8.6	2.01	1.53
GR5005CS-DAPR	50	5	3.1750	47.5	1.5×3	21000	81300	530	80	66	P	5	15	114	D	—	—	—	—	—	43	Rc1/8	96	9	14	8.6	1.93	1.53
GR5006BS-CAPR	50	6	3.9688	46.6	1.5×2	20100	66500	380	84	64	P	5	15	118	C	—	—	—	—	—	—	Rc1/8	100	9	14	8.6	2.22	1.53
GR5006BS-DAPR	50	6	3.9688	46.6	1.5×2	20100	66500	380	84	64	P	5	15	118	D	—	—	—	—	—	45	Rc1/8	100	9	14	8.6	2.13	1.53
GR5006ES-CAPR	50	6	3.9688	46.6	2.5×2	31300	110800	590	84	70	P	5	15	118	C	—	—	—	—	—	—	Rc1/8	100	9	14	8.6	2.36	1.53
GR5006ES-DAPR	50	6	3.9688	46.6	2.5×2	31300	110800	590	84	70	P	5	15	118	D	—	—	—	—	—	45	Rc1/8	100	9	14	8.6	2.28	1.53
GR5006FS-CAPR	50	6	3.9688	46.6	2.5×3	44300	166200	860	84	88	P	5	15	118	C	—	—	—	—	—	—	Rc1/8	100	9	14	8.6	2.81	1.53
GR5006FS-DAPR	50	6	3.9688	46.6	2.5×3	44300	166200	860	84	88	P	5	15	118	D	—	—	—	—	—	45	Rc1/8	100	9	14	8.6	2.73	1.53
GR5008BS-CAPR	50	8	4.7625	46	1.5×2	24900	80100	380	87	76	P	6	18	129	C	—	—	—	—	—	—	Rc1/8	107	11	17.5	10.8	3.07	1.53
GR5008BS-DAPR	50	8	4.7625	46	1.5×2	24900	80100	380	87	76	P	6	18	129	D	—	—	—	—	—	49	Rc1/8	107	11	17.5	10.8	2.95	1.53
GR5008ES-CAPR	50	8	4.7625	46	2.5×2	38700	133400	590	87	84	P	6	18	129	C	—	—	—	—	—	—	Rc1/8	107	11	17.5	10.8	3.29	1.53
GR5008ES-DAPR	50	8	4.7625	46	2.5×2	38700	133400	590	87	84	P	6	18	129	D	—	—	—	—	—	49	Rc1/8	107	11	17.5	10.8	3.16	1.53
GR5008FS-CAPR	50	8	4.7625	46	2.5×3	55000	200100	860	87	108	P	6	18	129	C	—	—	—	—	—	—	Rc1/8	107	11	17.5	10.8	3.94	1.53
GR5008FS-DAPR	50	8	4.7625	46	2.5×3	55000	200100	860	87	108	P	6	18	129	D	—	—	—	—	—	49	Rc1/8	107	11	17.5	10.8	3.82	1.53
GR5010BS-CALR	50	10	6.3500	45.2	1.5×2	38300	106700	390	93	91	L	8	18	135	C	—	—	—	—	—	—	Rc1/8	113	11	17.5	10.8	3.98	1.53
GR5010BS-DALR	50	10	6.3500	45.2	1.5×2	38300	106700	390	93	91	L	8	18	135	D	—	—	—	—	—	51	Rc1/8	113	11	17.5	10.8	3.84	1.53
GR5010DS-CALR	50	10	6.3500	45.2	2.5×1	32800	88900	330	93	71	L	8	18	135	C	—	—	—	—	—	—	Rc1/8	113	11	17.5	10.8	3.34	1.53
GR5010DS-DALR	50	10	6.3500	45.2	2.5×1	32800	88900	330	93	71	L	8	18	135	D	—	—	—	—	—	51	Rc1/8	113	11	17.5	10.8	3.20	1.53
GR5010ES-CALR	50	10	6.3500	45.2	2.5×2	59400	177800	620	93	101	L	8	18	135	C	—	—	—	—	—	—	Rc1/8	113	11	17.5	10.8	4.31	1.53
GR5010ES-DALR	50	10	6.3500	45.2	2.5×2	59400	177800	620	93	101	L	8	18	135	D	—	—	—	—	—	51	Rc1/8	113	11	17.5	10.8	4.17	1.53
GR5010FS-CALR	50	10	6.3500	45.2	2.5×3	84100	266700	890	93	131	L	8	18	135	C	—	—	—	—	—	—	Rc1/8	113	11	17.5	10.8	5.27	1.53
GR5010FS-DALR	50	10	6.3500	45.2	2.5×3	84100	266700	890	93	131	L	8	18	135	D	—	—	—	—	—	51	Rc1/8	113	11	17.5	10.8	5.13	1.53

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, L: Lip seal

Screw shaft diameter ø50

GR series

Screw shaft diameter ø50