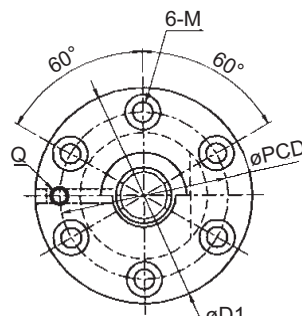
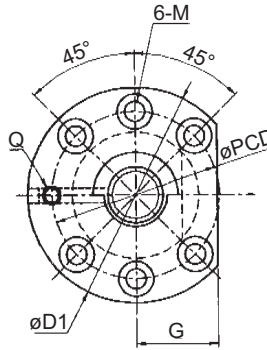


Screw shaft
diameter $\phi 40$

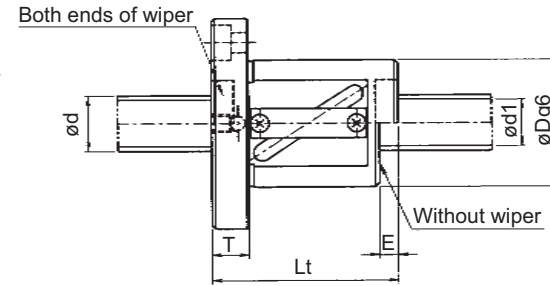
Custom Ball Screw: TUBE METHOD SINGLE NUT (Accuracy grade C0-C10)



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 _{HS} (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		
GR4010BS-CALR	40	10	6.3500	35.2	1.5×2	34200	89200	320	82	91	L	8	18	124	C	—	—	—	—	—	—	Rc1/8	102	11	17.5	10.8	3.40	0.98
GR4010BS-DALR	40	10	6.3500	35.2	1.5×2	34200	89200	320	82	91	L	8	18	124	D	—	—	—	—	—	47	Rc1/8	102	11	17.5	10.8	3.29	0.98
GR4010DS-CALR	40	10	6.3500	35.2	2.5×1	29300	74300	270	82	71	L	8	18	124	C	—	—	—	—	—	—	Rc1/8	102	11	17.5	10.8	2.87	0.98
GR4010DS-DALR	40	10	6.3500	35.2	2.5×1	29300	74300	270	82	71	L	8	18	124	D	—	—	—	—	—	47	Rc1/8	102	11	17.5	10.8	2.75	0.98
GR4010ES-CALR	40	10	6.3500	35.2	2.5×2	53000	140800	510	82	101	L	8	18	124	C	—	—	—	—	—	—	Rc1/8	102	11	17.5	10.8	3.67	0.98
GR4010ES-DALR	40	10	6.3500	35.2	2.5×2	53000	140800	510	82	101	L	8	18	124	D	—	—	—	—	—	47	Rc1/8	102	11	17.5	10.8	3.56	0.98
GR4012DS-CALR	40	12	7.1438	34.6	2.5×1	35100	79000	290	86	81	L	8	18	128	C	—	—	—	—	—	—	Rc1/8	106	11	17.5	10.8	3.46	0.98
GR4012DS-DALR	40	12	7.1438	34.6	2.5×1	35100	79000	290	86	81	L	8	18	128	D	—	—	—	—	—	48	Rc1/8	106	11	17.5	10.8	3.33	0.98
GR4012ES-CALR	40	12	7.1438	34.6	2.5×2	63700	158000	560	86	117	L	8	18	128	C	—	—	—	—	—	—	Rc1/8	106	11	17.5	10.8	4.55	0.98
GR4012ES-DALR	40	12	7.1438	34.6	2.5×2	63700	158000	560	86	117	L	8	18	128	D	—	—	—	—	—	48	Rc1/8	106	11	17.5	10.8	4.42	0.98
GR4016DS-CAPR	40	16	7.1438	34.6	2.5×1	35100	79000	290	86	91	P	9	22	128	C	—	—	—	—	—	—	Rc1/8	106	11	17.5	10.8	3.98	0.98
GR4016DS-DAPR	40	16	7.1438	34.6	2.5×1	35100	79000	290	86	91	P	9	22	128	D	—	—	—	—	—	48	Rc1/8	106	11	17.5	10.8	3.82	0.98
GR4016GS-CALR	40	16	7.1438	34.6	3.5×1	46800	110600	400	86	107	L	9	22	128	C	—	—	—	—	—	—	Rc1/8	106	11	17.5	10.8	4.47	0.98
GR4016GS-DALR	40	16	7.1438	34.6	3.5×1	46800	110600	400	86	107	L	9	22	128	D	—	—	—	—	—	48	Rc1/8	106	11	17.5	10.8	4.31	0.98
GR4020DS-CAPR	40	20	7.1438	34.6	2.5×1	35100	79000	290	86	105	P	9	22	128	C	—	—	—	—	—	—	Rc1/8	106	11	17.5	10.8	4.41	0.98
GR4020DS-DAPR	40	20	7.1438	34.6	2.5×1	35100	79000	290	86	105	P	9	22	128	D	—	—	—	—	—	48	Rc1/8	106	11	17.5	10.8	4.25	0.98
GR4020GS-CAPR	40	20	7.1438	34.6	3.5×1	46800	110600	400	86	125	P	9	22	128	C	—	—	—	—	—	—	Rc1/8	106	11	17.5	10.8	5.02	0.98
GR4020GS-DAPR	40	20	7.1438	34.6	3.5×1	46800	110600	400	86	125	P	9	22	128	D	—	—	—	—	—	48	Rc1/8	106	11	17.5	10.8	4.86	0.98
GR4032DS-CAPR	40	32	6.3500	35.2	2.5×1	29300	74300	310	78	133	P	8	22	120	C	—	—	—	—	—	—	Rc1/8	98	11	17.5	10.8	4.18	0.98
GR4032DS-DAPR	40	32	6.3500	35.2	2.5×1	29300	74300	310	78	133	P	8	22	120	D	—	—	—	—	—	46	Rc1/8	98	11	17.5	10.8	4.05	0.98
GR4040AS-CAPR	40	40	6.3500	35.2	1.5×1	18800	44600	200	78	114	P	8	22	120	C	—	—	—	—	—	—	Rc1/8	98	11	17.5	10.8	3.74	0.98
GR4040AS-DAPR	40	40	6.3500	35.2	1.5×1	18800	44600	200	78	114	P	8	22	120	D	—	—	—	—	—	46	Rc1/8	98	11	17.5	10.8	3.62	0.98

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