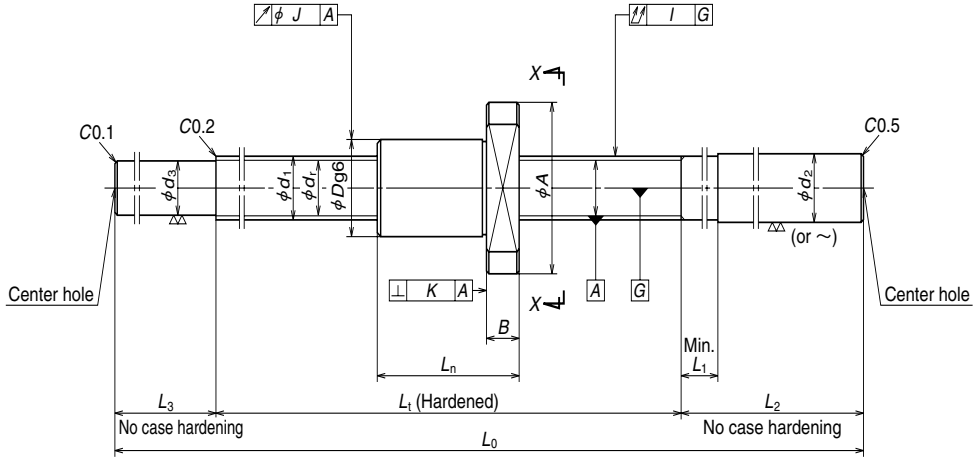
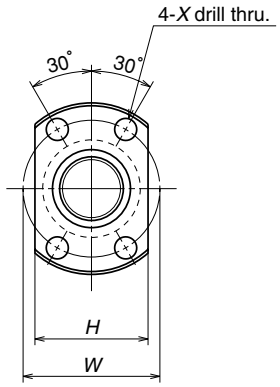
φ4×1、φ6×1、φ8×1

Standard stock



Nut type code: MSFD



View X-X

Unit: mm

Ball screw No.	Stroke Max. L_t-L_n	Screw shaft dia. d_1	Lead l	Ball dia. D_w	Ball circle dia. d_m	Root dia. d_r	Effective ball turns	Basic load rating (N) Dynamic C_a	Basic load rating (N) Static C_{0a}	Axial play Max.	Nut Outside dia. D	Nut Flange A	Nut Flange H	Nut Flange B
W0400MS-1Y-C3T1	68	4	1	0.8	4.2	3.2	2	315	370	0.005	10	20	14	3
W0601MS-1Y-C3T1	110	6	1	0.8	6.2	5.2	3	575	925	0.005	12	24	16	3.5
W0801MS-1Y-C3T1	94	8	1	0.8	8.2	7.2	3	670	1290	0.005	14	27	18	4
W0802MS-1Y-C3T1	174													

dimensions Overall length L_n	dimensions Bolt hole W	dimensions Bolt hole X	Screw shaft dimensions Threaded length L_t	Shaft end, right d_2	Shaft end, right L_1	Shaft end, right L_2	Shaft end, left d_3	Shaft end, left L_3	Overall length L_0	Lead accuracy T	Lead accuracy Deviation e_p	Lead accuracy Variation v_u	Run out Shaft straightness I	Run out Nut O.D. eccentricity J	Run out Flange perpendicularity K	Mass (Kg)	Permissible rotational speed N(min^{-1})
12	15	2.9	80	6.0	4	40	3.3	10	130	0	0.008	0.008	0.030	0.009	0.008	0.026	
15	18	3.4	125	8.0	4	50	5.3	15	190	0	0.010	0.008	0.030	0.009	0.008	0.063	3000
16	21	3.4	110	10.2	4	60	7.3	25	195	0	0.010	0.008	0.030	0.009	0.008	0.11	
			190						275				0.050			0.14	

Remarks: 1. NSK support unit is recommended.
2. Only rust preventive agent is applied at time of delivery. Please apply lubricant (oil or grease) before use.
3. Nut does not have a seal.
4. Permissible rotational speed is determined by a d · n value and a critical speed. See page B509.