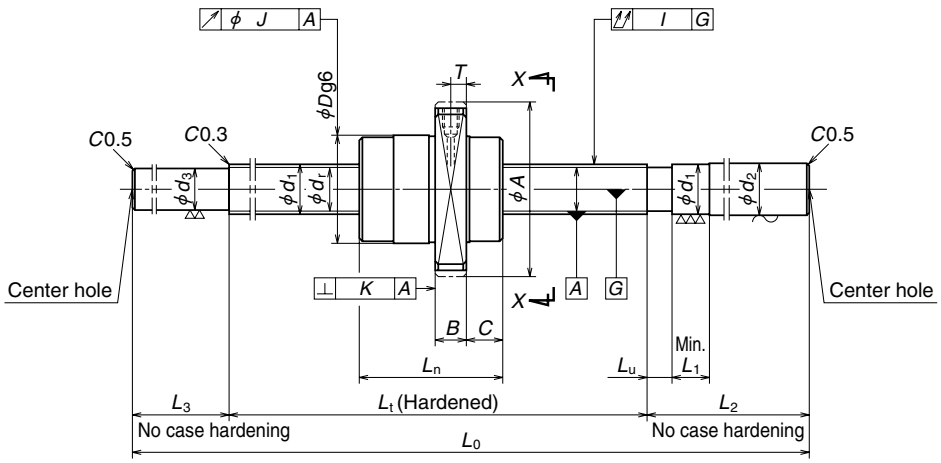
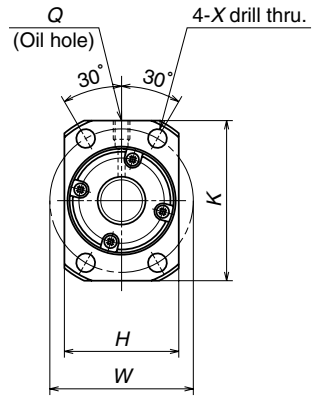
Standard stock



Nut type code: USFC



View X-X

B 196

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: Turns × Circuits	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 K	Nut: Flange B	Nut: Flange C
W1504FS-2G-C5T20	355	15	20	3.175	15.5	12.2	1.7×1	5070	8730	0.005	34	55	36	50	10	11
W1506FS-2G-C5T20	555															
W1509FS-2G-C5T20	855															
W1511FS-2G-C5T20	1055															
W1609FS-2GX-C5T32	866	16	32	3.175	16.75	13.4	0.7×2	4000	6690	0.005	34	55	36	50	10	10.5
W1613FS-1GX-C5T32	1266															
W2011FS-1GX-C5T40	1059	20	40	3.175	20.75	17.4	0.7×2	4490	8640	0.005	38	58	40	52	10	11
W2017FS-1GX-C5T40	1659															

dimensions: Overall length L_n	Bolt hole W	Bolt hole X	Oil hole Q	Oil hole T	Screw shaft dimensions: Threaded length L_t	Shaft end, right d_2	Shaft end, right L_u	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: Travel compensation T	Deviation e_p	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)
45	45	5.5	M6×1	5	400	15.2	13	40	120	12.2	50	570	0	0.025	0.020	0.050	0.015	0.011	1.0	3000
					600							770		0.030	0.023	0.065			1.3	
					900							1070		0.040	0.027	0.110			1.7	
					1100							1270		0.046	0.030	0.150			2.0	
34	45	5.5	M6×1	5	900	16.2	19	40	150	13.4	60	1110	0	0.040	0.027	0.110	0.015	0.011	1.9	3000
					1300							1510		0.054	0.035	0.150			2.5	
41	48	5.5	M6×1	5	1100	20.2	22	60	150	17.4	80	1330	0	0.046	0.030	0.150	0.015	0.011	3.5	3000
					1700							1930		0.065	0.040	0.200			4.9	

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. Permissible rotational speed is determined by a d · n value and a critical speed. See page B509.