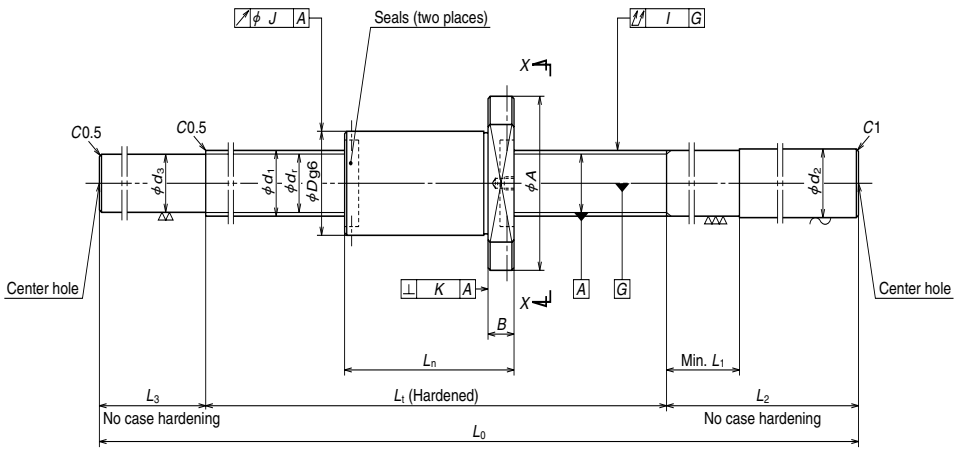
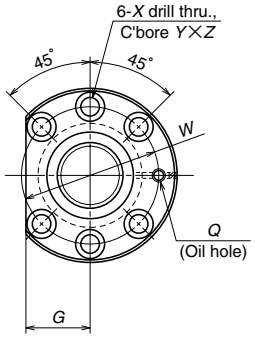
φ40×10、φ50×10

Standard stock



Nut type code: ZFD



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}	Preload (N)	Dynamic friction torque, median (N · cm)	Nut Outside dia. D	Nut Flange A	Nut Flange G	Nut Flange B	Nut Overall length L_n
W4007SS-4ZY-C5Z10	557	40	10	6.350	41.75	35.1	4	38400	93300	2840	83	62	104	40	18	143
W4010SS-6ZY-C5Z10	857															
W4014SS-3ZY-C5Z10	1257															
W4018SS-4ZY-C5Z10	1657															
W4024SS-3ZY-C5Z10	2257															
W5007SS-1ZY-C5Z10	557	50	10	6.350	51.75	45.1	4	43600	122000	3240	108	72	114	44	18	143
W5010SS-3ZY-C5Z10	857															
W5015SS-3ZY-C5Z10	1357															
W5020SS-3ZY-C5Z10	1857															
W5026SS-3ZY-C5Z10	2457															

Ball screw No.	dimensions Bolt hole W	X	Y	Z	Oil hole Q	Screw shaft dimensions Threaded length L_t	Shaft end, right d_2	L_1	L_2	Shaft end, left d_3	L_3	Overall length L_0	Lead accuracy Travel compensation T	Deviation e_p	Variation v_u	Run out Shaft straightness I	Nut O.D. eccentricity J	Flange perpendicularity K	Mass (Kg)	Permissible rotational speed N(min⁻¹)
W4007SS-4ZY-C5Z10	82	11	17.5	11	Rc1/8	700	40.3	60	300	35.1	100	1100	–0.015	0.035	0.025	0.065	0.019	0.013	12.1	1750
W4010SS-6ZY-C5Z10						1000			300		100	1400	–0.022	0.040	0.027	0.080			14.7	
W4014SS-3ZY-C5Z10						1400			350		120	1870	–0.032	0.054	0.035	0.100			18.9	
W4018SS-4ZY-C5Z10						1800			350		120	2270	–0.041	0.065	0.040	0.130			22.5	
W4024SS-3ZY-C5Z10						2400			400		150	2950	–0.056	0.077	0.046	0.170			28.5	
W5007SS-1ZY-C5Z10	92	11	17.5	11	Rc1/8	700	50.3	60	300	45.1	100	1100	–0.015	0.035	0.025	0.065	0.019	0.013	18.3	1400
W5010SS-3ZY-C5Z10						1000			300		100	1400	–0.022	0.040	0.027	0.080			22.5	
W5015SS-3ZY-C5Z10						1500			400		150	2050	–0.034	0.054	0.035	0.130			31.8	
W5020SS-3ZY-C5Z10						2000			400		150	2550	–0.046	0.065	0.040	0.170			38.9	
W5026SS-3ZY-C5Z10						2600			500		200	3300	–0.060	0.093	0.054	0.220			49.5	

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.