



Unit: mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit X row	BASIC RATE LOAD/(kgf)		BALLNUT DIMENSION									
O.D.	LEAD			Dynamic (1x10 ⁶ REV.) Ca	Static Co	O.D. D	Length L	Flange A T W H			Assembly Hole X	Oil Hole Q	STIFFNESS kgf/μm	Nut Model NO.	
12	5	2.000	2.5x1	270	350	26	40	47	10	37	30	4.5	M6x1P	8.2	FSBW1205-2.5P
14	4	2.381	3.5x1	500	1100	31	40	50	10	40	37	4.5	M6x1P	15	FSBW1404-3.5P
	5	3.175	2.5x1	515	990	32	40	50	10	40	38	4.5	M6x1P	11	FSBW1405-2.5P
16	5	3.175	2.5x1	570	1130	34	40	54	10	44	40	4.5	M6x1P	13	FSBW1605-2.5P
20	4	2.381	2.5x1	415	850	40	41	59	10	50	46	4.5	M6x1P	14	FSBW2004-2.5P
	5	3.175	2.5x1	620	1450	40	40	59	10	50	46	4.5	M6x1P	16	FSBW2005-2.5P
25	4	2.381	2.5x1	450	980	43	41	67	10	55	50	4.5	M6x1P	17	FSBW2504-2.5P
	5	3.175	2.5x1	720	1830	43	40	67	10	55	50	5.5	M6x1P	18	FSBW2505-2.5P

Note:

Stiffness of nut:

Stiffness values listed above are derived from theoretical formula to the elastic deformation between thread grooves and balls while axial load is 30% dynamic load rating.