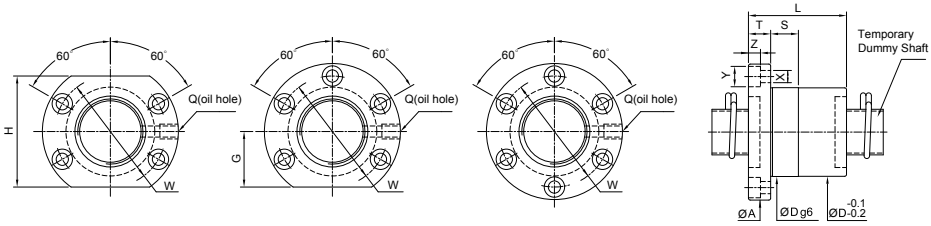
FSIW



Unit: mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS	BASIC RATE LOAD(kgf)		BALLNUT DIMENSION													
O.D.	LEAD			Dynamic (1×10^6 REV.) Ca	Static Co	O.D. D	Length L	Flange A	T	W	G	H	Fit S	Assembly Hole X	Y	Z	Oil Hole Q	STIFFNESS kgf/μm	Nut Model NO.
14	4	2.381	4	400	890	26	47	46	10	36	-	-	10	4.5	8	4..5	M6×1P	18	FSIW1404-4.0P
16	5	3.175	3	570	1030	30	42	49	10	39	20	40	10	4.5	-	-	M6×1P	17	FSIW1605-3.0P
20	5	3.175	4	830	1890	34	53	57	12	45	20	40	12	5.5	9.5	5.5	M6×1P	21	FSIW2005-4.0P
25	5	3.175	4	940	2420	40	53	63.5	12	51	22	44	15	5.5	9.5	5.5	M8×1P	26	FSIW2505-4.0P
32	5	3.175	4	1050	3390	48	53	73.5	12	60	30	60	15	6.6	11	6.5	M8×1P	32	FSIW3205-4.0P
	10	6.350	4	2510	5880	54	90	88	16	70	34	68	15	9	14	8.5	M8×1P	34	FSIW3210-4.0P
40	5	3.175	4	1180	4390	55	56	88.5	16	72	29	58	15	9	14	8.5	M8×1P	38	FSIW4005-4.0P
	10	6.350	4	2630	7860	64	93	106	18	84	43	86	20	11	17.5	11	M8×1P	41	FSIW4010-4.0P
50	10	6.350	4	2770	10290	74	93	116	18	94	42	84	20	11	17.5	11	M8×1P	50	FSIW5010-4.0P

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.