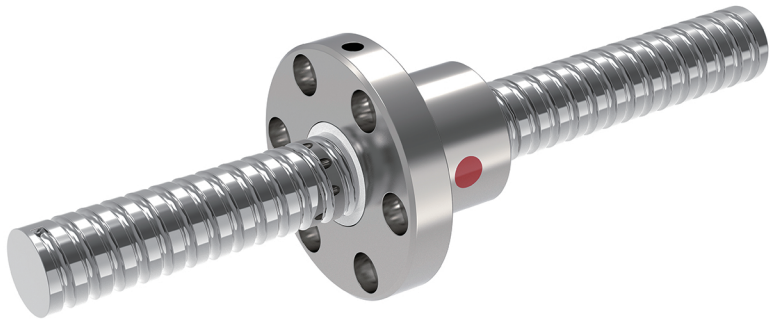
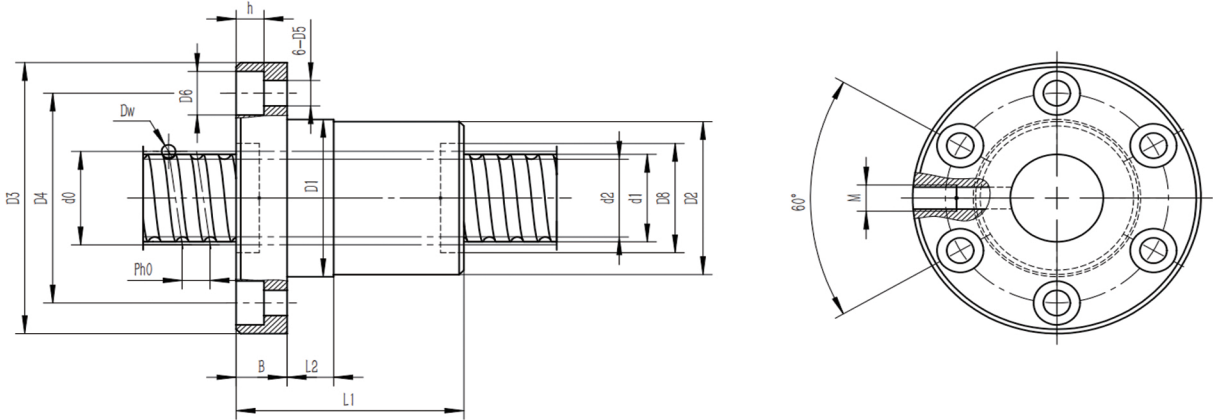


FFO型内部循環型浮動デフレクター式ボールねじ
FFZ型内部循環オーバーサイズボール予圧ボールねじ
FFO INTERNAL CIRCULATION FLOATING DEFLECTOR BALL SCREW
FFZ INTERNAL CIRCULATION OVERSIZE BALL PRELOAD BALL SCREW



型式 Model Number	直径 Diameter (d0)	リード Lead (Ph0)	ねじ軸外径 Screw Diameter (d1)	ボール径 Ball Diameter (Dw)	ねじ軸底径 d2 Root Diameter of Screw Shaft	巻数 Cyclic Number (n)	基本定格荷重 N Basic Rated Load		剛性 Axial Stiffness (kN/μm)
							動定格荷重 Dynamic Load (Ca kN)	静定格荷重 Static Load (CoakN)	
FFO(Z)-X-01204XL-X 3	12	4	11.3	2.381	9.5	3	5.3	7.3	148
FFO(Z)-X-01604XL-X 3	16	4	16	2.381	14.2	3	6.7	11.6	209
FFO(Z)-X-01605XL-X 3	16	5	16	3.5	13.4	3	10.6	15.8	209
FFO(Z)-X-02004XL-X 3	20	4	20	2.381	18.2	3	7.4	14.7	249
FFO(Z)-X-02004XL-X 3	20	4	20	3	17.8	3	9.8	17.5	245
FFO(Z)-X-02005XL-X 3	20	5	20	3.5	17.4	3	11.9	19.8	250
FFO(Z)-X-02504XL-X 3	25	4	25	3	22.8	3	11.3	23.3	296
FFO(Z)-X-02505XL-X 3	25	5	25	3.5	22.4	3	13.7	26.4	302
FFO(Z)-X-02506XL-X 3	25	6	25	3.969	22	3	15.8	28.9	303
FFO(Z)-X-03204XL-X 3	32	4	32	3	29.8	3	12.5	30.1	351
FFO(Z)-X-03204XL-X 5	32	4	32	3	29.8	5	19.5	50.2	573
FFO(Z)-X-03205XL-X 3	32	5	32	3.5	29.4	3	15.3	34.3	363
FFO(Z)-X-03205XL-X 5	32	5	32	3.5	29.4	5	23.8	57.2	592
FFO(Z)-X-03206XL-X 3	32	6	32	3.969	29	3	18.3	39	377
FFO(Z)-X-03206XL-X 5	32	6	32	3.969	29	5	28.4	65.1	615
FFO(Z)-X-03208XL-X 3	32	8	32	5	28.3	3	24.8	48.4	398
FFO(Z)-X-03208XL-X 5	32	8	32	5	28.3	5	38.5	80.7	649
FFO(Z)-X-03210XL-X 3	32	10	32	6.35	26.9	3	32.3	56.5	389
FFO(Z)-X-03210XL-X 5	32	10	32	6.35	26.9	5	50	94.2	634
FFO(Z)-X-04005XL-X 3	40	5	40	3.5	37.4	3	16.9	43.6	423
FFO(Z)-X-04005XL-X 5	40	5	40	3.5	37.4	5	26.3	72.7	690
FFO(Z)-X-04006XL-X 3	40	6	40	3.969	37	3	20.2	49.3	439
FFO(Z)-X-04006XL-X 5	40	6	40	3.969	37	5	31.3	82.1	717
FFO(Z)-X-04008XL-X 3	40	8	40	5	36.3	3	27.8	61.9	472
FFO(Z)-X-04008XL-X 5	40	8	40	5	36.3	5	43.1	103.2	770
FFO(Z)-X-04010XL-X 3	40	10	40	6.35	34.9	3	37	73.9	473
FFO(Z)-X-04010XL-X 5	40	10	40	6.35	34.9	5	57.3	123.1	771
FFO(Z)-X-05005XL-X 3	50	5	50	3.5	47.4	3	18.7	55.5	485
FFO(Z)-X-05005XL-X 5	50	5	50	3.5	47.4	5	29	92.5	793
FFO(Z)-X-05006XL-X 3	50	6	50	3.969	47	3	22.3	62.9	508
FFO(Z)-X-05006XL-X 5	50	6	50	3.969	47	5	34.6	104.8	830



ナット寸法 Nut Dimensions												型式 Model Number
D1(g6)	D2 (-0.3~-0.1)	L2	D3	B	D4	D5	D6	h	M	D8	L1	
22	22	10	44	8	32	4.8	8.5	4.5	M2.5	16	35	FFO(Z)-X-01204XL-X 3
28	28	10	52	10	38	5.8	10	6	M6	20	37	FFO(Z)-X-01604XL-X 3
28	28	10	52	10	38	5.8	10	6	M6	22	42	FFO(Z)-X-01605XL-X 3
36	36	10	62	11	48	5.8	10	6	M6	25	38	FFO(Z)-X-02004XL-X 3
36	36	10	62	11	48	5.8	10	6	M6	25	38	FFO(Z)-X-02004XL-X 3
36	36	10	62	11	48	5.8	10	6	M6	25	43	FFO(Z)-X-02005XL-X 3
40	40	10	66	11	53	5.8	10	6	M6	30	38	FFO(Z)-X-02504XL-X 3
40	40	10	66	11	53	5.8	10	6	M6	30	43	FFO(Z)-X-02505XL-X 3
40	40	10	66	11	53	5.8	10	6	M6	30	49	FFO(Z)-X-02506XL-X 3
50	50	10	76	11	63	5.8	10	6	M6	38	38	FFO(Z)-X-03204XL-X 3
50	50	10	76	11	63	5.8	10	6	M6	38	47	FFO(Z)-X-03204XL-X 5
50	50	10	82	13	67	7	12	7	M6	38	45	FFO(Z)-X-03205XL-X 3
50	50	10	82	13	67	7	12	7	M6	38	56	FFO(Z)-X-03205XL-X 5
50	50	10	82	13	67	7	12	7	M6	38	51	FFO(Z)-X-03206XL-X 3
50	50	10	82	13	67	7	12	7	M6	38	66	FFO(Z)-X-03206XL-X 5
53	53	10	82	13	67	7	12	7	M6	38	67	FFO(Z)-X-03208XL-X 3
53	53	10	82	13	67	7	12	7	M6	38	82	FFO(Z)-X-03208XL-X 5
53	53	15	90	15	71	9	15	9	M6	44	76	FFO(Z)-X-03210XL-X 3
53	53	15	90	15	71	9	15	9	M6	44	99	FFO(Z)-X-03210XL-X 5
60	60	10	94	15	75	9	15	9	M6	48	47	FFO(Z)-X-04005XL-X 3
60	60	10	94	15	75	9	15	9	M6	48	58	FFO(Z)-X-04005XL-X 5
60	60	10	94	15	75	9	15	9	M6	48	53	FFO(Z)-X-04006XL-X 3
60	60	10	94	15	75	9	15	9	M6	48	68	FFO(Z)-X-04006XL-X 5
63	63	15	108	18	85	11	18	11	M6	50	67	FFO(Z)-X-04008XL-X 3
63	63	15	108	18	85	11	18	11	M6	50	87	FFO(Z)-X-04008XL-X 5
63	63	20	108	18	85	11	18	11	M8X1	52	78	FFO(Z)-X-04010XL-X 3
63	63	20	108	18	85	11	15	9	M8X1	60	101	FFO(Z)-X-04010XL-X 5
71	71	10	110	15	90	9	15	9	M8X1	60	47	FFO(Z)-X-05005XL-X 3
71	71	10	110	15	90	9	15	9	M8X1	60	58	FFO(Z)-X-05005XL-X 5
71	71	15	110	15	90	9	15	9	M8X1	60	53	FFO(Z)-X-05006XL-X 3
71	71	15	110	15	90	9	15	9	M8X1	60	68	FFO(Z)-X-05006XL-X 5

FFO型内部循環型浮動式ボールねじ
FFZ型内部循環オーバーサイズボール予圧ボールねじ
FFO INTERNAL CIRCULATION FLOATING BALL SCREW
FFZ INTERNAL CIRCULATION OVERSIZE BALL PRELOAD BALL SCREW

型式 Model Number	直径 Diameter (d0)	リード Lead (Ph0)	ねじ軸外径 Screw Diameter (d1)	ボール径 Ball Diameter (Dw)	ねじ軸底径 d2 Root Diameter of Screw Shaft	巻数 Cyclic Number (n)	基本定格荷重 N Basic Rated Load		剛性 Axial Stiffness (KcN/μm)
							動定格荷重 Dynamic Load (Ca kN)	静定格荷重 Static Load (CoakN)	
FFO(Z)-X-05008XL-X 3	50	8	50	5	46.3	3	30.6	78.1	550
FFO(Z)-X-05008XL-X 5	50	8	50	5	46.3	5	47.5	130.2	898
FFO(Z)-X-05010XL-X 3	50	10	50	6.35	44.9	3	41.7	95.6	565
FFO(Z)-X-05010XL-X 5	50	10	50	6.35	44.9	5	64.7	159.3	922
FFO(Z)-X-05012XL-X 4	50	12	50	6.35	44.9	4	53.3	127.4	758
FFO(Z)-X-05012XL-X 5	50	12	50	6.35	44.9	5	64.6	159.2	938
FFO(Z)-X-06308XL-X 4	63	8	63	4.763	59.1	4	40.6	127.2	844
FFO(Z)-X-06308XL-X 5	63	8	63	4.763	59.1	5	49.2	159	1046
FFO(Z)-X-06310XL-X 4	63	10	63	6.35	57.9	4	59.1	162.4	870
FFO(Z)-X-06310XL-X 5	63	10	63	6.35	57.9	5	71.7	203	1078
FFO(Z)-X-06312XL-X 4	63	12	63	7.938	56.7	4	79.7	199.3	898
FFO(Z)-X-06312XL-X 5	63	12	63	7.938	56.7	5	96.5	249.1	1113
FFO(Z)-X-06316XL-X 4	63	16	63	9.525	55.5	4	100.9	234.6	946
FFO(Z)-X-06316XL-X 5	63	16	63	9.525	55.5	5	122.2	293.2	1172
FFO(Z)-X-06320XL-X 4	63	20	63	9.525	55.5	4	100.6	234.2	961
FFO(Z)-X-06320XL-X 5	63	20	63	9.525	55.5	5	121.9	292.7	1190
FFO(Z)-X-08010XL-X 4	80	10	80	6.35	74.9	4	66.7	214.5	1004
FFO(Z)-X-08010XL-X 5	80	10	80	6.35	74.9	5	80.8	268.1	1245
FFO(Z)-X-08012XL-X 4	80	12	80	7.938	73.7	4	90.1	262.7	1074
FFO(Z)-X-08012XL-X 5	80	12	80	7.938	73.7	5	109.1	328.3	1331
FFO(Z)-X-08016XL-X 4	80	16	80	9.525	72.5	4	112.3	300.1	1127
FFO(Z)-X-08016XL-X 5	80	16	80	9.525	72.5	5	136.1	375.2	1396
FFO(Z)-X-08020XL-X 4	80	20	80	9.525	72.5	4	112.2	299.8	1151
FFO(Z)-X-08020XL-X 5	80	20	80	9.525	72.5	5	135.9	374.8	1425
FFO(Z)-X-10016XL-X 4	100	16	97	10	89.8	4	131.3	388.6	1304
FFO(Z)-X-10016XL-X 5	100	16	97	10	89.8	5	159.1	485.7	1616
FFO(Z)-X-10020XL-X 4	100	20	97	10	89.8	4	131.2	388.3	1339
FFO(Z)-X-10020XL-X 5	100	20	97	10	89.8	5	158.9	485.3	1658
FFO(Z)-X-12016XL-X 5	120	16	117	10	109.8	5	172.9	593.7	1815
FFO(Z)-X-12016XL-X 7	120	16	117	10	109.8	7	230.9	831.2	2508
FFO(Z)-X-12020XL-X 5	120	20	117	10	109.8	5	172.8	593.4	1877
FFO(Z)-X-12020XL-X 7	120	20	117	10	109.8	7	230.8	830.8	2592

ナット寸法 Nut Dimensions												型式 Model Number
D1(g6)	D2 (-0.3~-0.1)	L2	D3	B	D4	D5	D6	h	M	D8	L1	
75	75	15	118	18	95	11	18	11	M8X1	60	68	FFO-X-05008XL-X 3
75	75	15	118	18	95	11	18	11	M8X1	60	84	FFO-X-05008XL-X 5
75	75	15	118	18	95	11	18	11	M8X1	62	77	FFO-X-05010XL-X 3
75	75	15	118	18	95	11	18	11	M8X1	62	102	FFO-X-05010XL-X 5
75	75	20	118	18	95	11	18	11	M8X1	60	104	FFO-X-05012XL-X 4
75	75	20	118	18	95	11	18	11	M8X1	60	123	FFO-X-05012XL-X 5
90	90	20	132	18	110	11	18	11	M8X1	75	76	FFO(Z)-X-06308XL-X 4
90	90	20	132	18	110	11	18	11	M8X1	75	87	FFO(Z)-X-06308XL-X 5
90	90	20	138	22	112	13.5	22	13	M8X1	75	95	FFO(Z)-X-06310XL-X 4
90	90	20	138	22	112	13.5	22	13	M8X1	75	107	FFO(Z)-X-06310XL-X 5
90	90	20	138	22	112	13.5	22	13	M8X1	75	105	FFO(Z)-X-06312XL-X 4
90	90	20	138	22	112	13.5	22	13	M8X1	75	123	FFO(Z)-X-06312XL-X 5
95	95	30	148	28	118	13.5	22	13	M8X1	75	140	FFO(Z)-X-06316XL-X 4
95	95	30	148	28	118	13.5	22	13	M8X1	75	163	FFO(Z)-X-06316XL-X 5
95	95	40	148	28	118	13.5	22	13	M8X1	75	165	FFO(Z)-X-06320XL-X 4
95	95	40	148	28	118	13.5	22	13	M8X1	75	189	FFO(Z)-X-06320XL-X 5
105	105	20	156	22	130	13.5	22	13	M8X1	90	95	FFO(Z)-X-08010XL-X 4
105	105	20	156	22	130	13.5	22	13	M8X1	90	107	FFO(Z)-X-08010XL-X 5
110	110	25	158	22	132	13.5	22	13	M8X1	90	105	FFO(Z)-X-08012XL-X 4
110	110	25	158	22	132	13.5	22	13	M8X1	90	123	FFO(Z)-X-08012XL-X 5
118	118	30	168	28	140	13.5	22	13	M8X1	95	145	FFO(Z)-X-08016XL-X 4
118	118	30	168	28	140	13.5	22	13	M8X1	95	165	FFO(Z)-X-08016XL-X 5
118	118	40	168	28	140	13.5	22	13	M8X1	95	166	FFO(Z)-X-08020XL-X 4
118	118	40	168	28	140	13.5	22	13	M10X1	95	194	FFO(Z)-X-08020XL-X 5
140	140	40	204	28	170	17.5	28	17	M10X1	115	145	FFO(Z)-X-10016XL-X 4
140	140	40	204	28	170	17.5	28	17	M10X1	115	165	FFO(Z)-X-10016XL-X 5
140	140	40	204	28	170	17.5	28	17	M10X1	115	170	FFO(Z)-X-10020XL-X 4
140	140	40	204	28	170	17.5	28	17	M10X1	115	194	FFO(Z)-X-10020XL-X 5
160	160	40	225	28	190	17.5	28	17	M10X1	135	165	FFO(Z)-X-12016XL-X 5
160	160	40	225	28	190	17.5	28	17	M10X1	135	205	FFO(Z)-X-12016XL-X 7
160	160	40	225	28	190	17.5	28	17	M10X1	135	194	FFO(Z)-X-12020XL-X 5
160	160	40	225	28	190	17.5	28	17	M10X1	135	242	FFO(Z)-X-12020XL-X 7