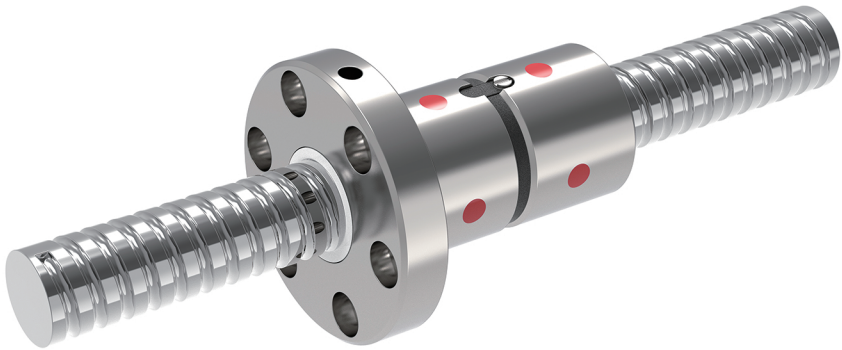
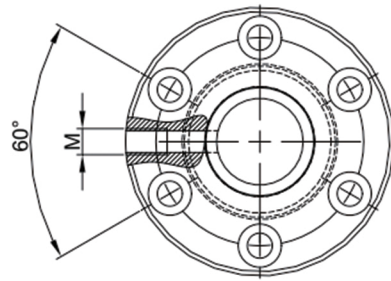
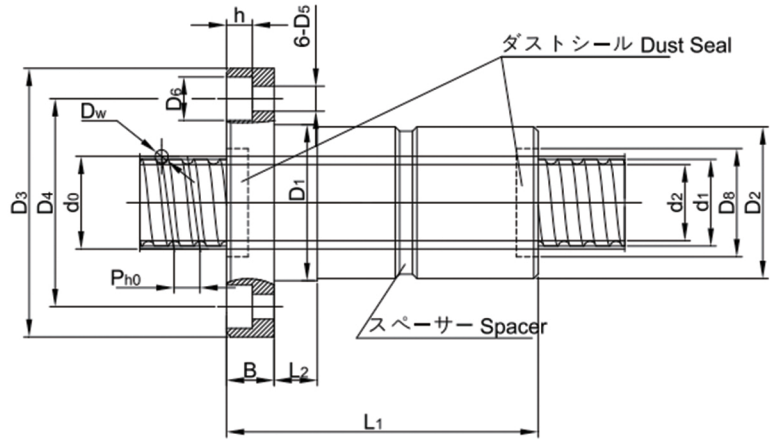


FFD型内部循環ダブルナット（スペーサ方式）予圧ボールねじ
FFD INTERNAL CIRCULATION DOUBLE NUT (SPACER) PRELOAD BALL SCREW

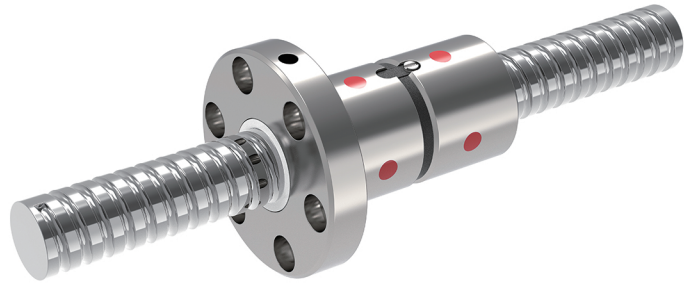


型式 Model Number	直径 Diameter (d0)	リード Lead (Ph0)	ねじ軸外径 Screw Diameter (d1)	ボール径 Ball Diameter (Dw)	ねじ軸底径 d2 Root Diameter of Screw Shaft	巻数 Cyclic Number (n)	基本定格荷重 N Basic Rated Load		剛性 Axial Stiffness (KcN/μm)
							動定格荷重 Dynamic Load (Ca kN)	静定格荷重 Static Load (C0kN)	
FFD-X-01204XL-X 3	12	4	11.3	2.381	9.5	3	5.3	7.3	244
FFD-X-01604XL-X 3	16	4	15.3	2.381	13.5	3	6.7	11.6	349
FFD-X-01605XL-X 3	16	5	15.5	3.5	12.9	3	10.6	15.8	348
FFD-X-02004XL-X 3	20	4	20	2.381	18.2	3	7.4	14.7	418
FFD-X-02004XL-X 3	20	4	20	3	17.8	3	9.8	17.5	413
FFD-X-02005XL-X 3	20	5	20	3.5	17.4	3	11.9	19.8	416
FFD-X-02504XL-X 3	25	4	25	3	22.8	3	11.3	23.3	510
FFD-X-02505XL-X 3	25	5	25	3.5	22.4	3	13.7	26.4	515
FFD-X-02506XL-X 3	25	6	25	3.969	22	3	15.8	28.9	511
FFD-X-03204XL-X 3	32	4	32	3	29.8	3	12.5	30.1	616
FFD-X-03204XL-X 5	32	4	32	3	29.8	5	19.5	50.2	1004
FFD-X-03205XL-X 3	32	5	32	3.5	29.4	3	15.3	34.3	626
FFD-X-03205XL-X 5	32	5	32	3.5	29.4	5	23.8	57.2	1021
FFD-X-03206XL-X 3	32	6	32	3.969	29	3	18.3	39	644
FFD-X-03206XL-X 5	32	6	32	3.969	29	5	28.4	65.1	1050
FFD-X-03208XL-X 3	32	8	32	5	28.3	3	24.8	48.4	667
FFD-X-03208XL-X 5	32	8	32	5	28.3	5	38.5	80.7	1087
FFD-X-03210XL-X 3	32	10	32	6.35	26.9	3	32.3	56.5	646
FFD-X-03210XL-X 5	32	10	32	6.35	26.9	5	50	94.2	1052
FFD-X-04005XL-X 3	40	5	40	3.5	37.4	3	16.9	43.6	744
FFD-X-04005XL-X 5	40	5	40	3.5	37.4	5	26.3	72.7	1213
FFD-X-04006XL-X 3	40	6	40	3.969	37	3	20.2	49.3	764
FFD-X-04006XL-X 5	40	6	40	3.969	37	5	31.3	82.1	1244
FFD-X-04008XL-X 3	40	8	40	5	36.3	3	27.8	61.9	803
FFD-X-04008XL-X 5	40	8	40	5	36.3	5	43.1	103.2	1308
FFD-X-04010XL-X 3	40	10	40	6.35	34.9	3	37	73.9	795
FFD-X-04010XL-X 5	40	10	40	6.35	34.9	5	57.3	123.1	1294
FFD-X-05005XL-X 3	50	5	50	3.5	47.4	3	18.7	55.5	879
FFD-X-05005XL-X 5	50	5	50	3.5	47.4	5	29	92.5	1434
FFD-X-05006XL-X 3	50	6	50	3.969	47	3	22.3	62.9	907
FFD-X-05006XL-X 5	50	6	50	3.969	47	5	34.6	104.8	1478

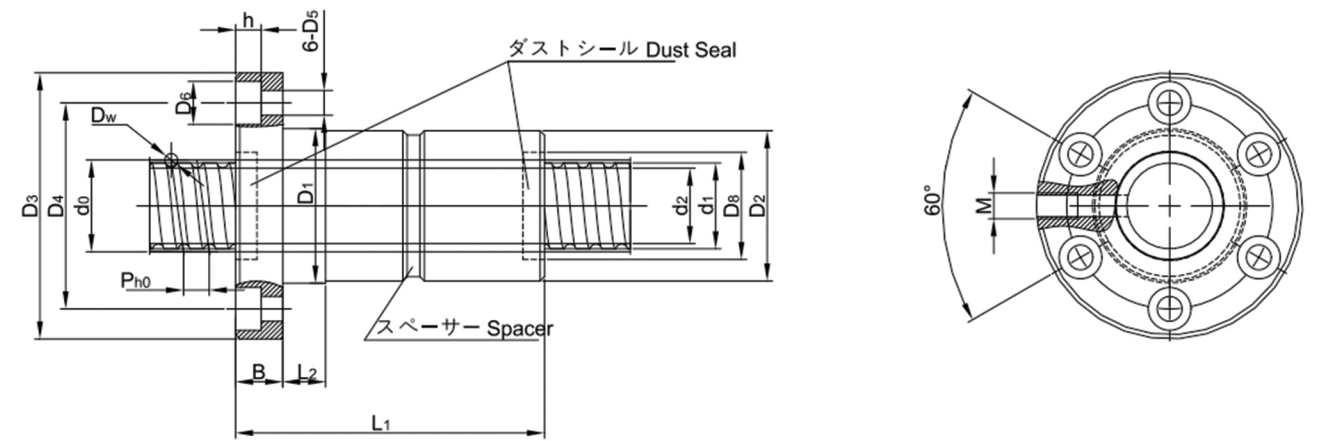


ナット寸法 Nut Dimensions												型式 Model Number
D1(g6)	D2 (-0.3~-0.1)	L2	D3	B	D4	D5	D6	h	M	D8	L1	
22	22	10	44	8	32	4.8	8.5	4.5	M2.5	16	66	FFD-X-01204XL-X 3
28	28	10	52	10	38	5.8	10	6	M6	20	69	FFD-X-01604XL-X 3
28	28	10	52	10	38	5.8	10	6	M6	22	83	FFD-X-01605XL-X 3
36	36	10	62	11	48	5.8	10	6	M6	25	72	FFD-X-02004XL-X 3
36	36	10	62	11	48	5.8	10	6	M6	25	72	FFD-X-02004XL-X 3
36	36	10	62	11	48	5.8	10	6	M6	25	83	FFD-X-02005XL-X 3
40	40	10	66	11	53	5.8	10	6	M6	30	74	FFD-X-02504XL-X 3
40	40	10	66	11	53	5.8	10	6	M6	30	84	FFD-X-02505XL-X 3
40	40	10	66	11	53	5.8	10	6	M6	30	97	FFD-X-02506XL-X 3
50	50	10	76	11	63	5.8	10	6	M6	38	73	FFD-X-03204XL-X 3
50	50	10	76	11	63	5.8	10	6	M6	38	92	FFD-X-03204XL-X 5
50	50	10	82	13	67	7	12	7	M6	38	85	FFD-X-03205XL-X 3
50	50	10	82	13	67	7	12	7	M6	38	108	FFD-X-03205XL-X 5
50	50	10	82	13	67	7	12	7	M6	38	99	FFD-X-03206XL-X 3
50	50	10	82	13	67	7	12	7	M6	38	127	FFD-X-03206XL-X 5
53	53	10	82	13	67	7	12	7	M6	38	123	FFD-X-03208XL-X 3
53	53	10	82	13	67	7	12	7	M6	38	152	FFD-X-03208XL-X 5
53	53	15	90	15	71	9	15	9	M6	44	146	FFD-X-03210XL-X 3
53	53	15	90	15	71	9	15	9	M6	44	191	FFD-X-03210XL-X 5
60	60	10	94	15	75	9	15	9	M6	48	88	FFD-X-04005XL-X 3
60	60	10	94	15	75	9	15	9	M6	48	111	FFD-X-04005XL-X 5
60	60	10	94	15	75	9	15	9	M6	48	101	FFD-X-04006XL-X 3
60	60	10	94	15	75	9	15	9	M6	48	128	FFD-X-04006XL-X 5
63	63	15	108	18	85	11	18	11	M6	50	128	FFD-X-04008XL-X 3
63	63	15	108	18	85	11	18	11	M6	50	163	FFD-X-04008XL-X 5
63	63	20	108	18	85	11	18	11	M8X1	52	146	FFD-X-04010XL-X 3
63	63	20	108	18	85	11	15	9	M8X1	52	193	FFD-X-04010XL-X 5
71	71	10	110	15	90	9	15	9	M8X1	60	87	FFD-X-05005XL-X 3
71	71	10	110	15	90	9	15	9	M8X1	60	111	FFD-X-05005XL-X 5
71	71	15	110	15	90	9	15	9	M8X1	60	101	FFD-X-05006XL-X 3
71	71	15	110	15	90	9	15	9	M8X1	60	130	FFD-X-05006XL-X 5

FFD型内部循環ダブルナット(スペーサ方式) 予圧ボールねじ
FFD INTERNAL CIRCULATION DOUBLE NUT (SPACER) 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)	
FFD-X-05008XL-X 3	50	8	50	5	46.3	3	30.6	78.1	952
FFD-X-05008XL-X 5	50	8	50	5	46.3	5	47.5	130.2	1551
FFD-X-05010XL-X 3	50	10	50	6.35	44.9	3	41.7	95.6	965
FFD-X-05010XL-X 5	50	10	50	6.35	44.9	5	64.7	159.3	1572
FFD-X-05012XL-X 4	50	12	50	6.35	44.9	4	53.3	127.4	1278
FFD-X-05012XL-X 5	50	12	50	6.35	44.9	5	64.6	159.2	1582
FFD-X-06308XL-X 4	63	8	63	4.763	59.1	4	40.6	127.2	1488
FFD-X-06308XL-X 5	63	8	63	4.763	59.1	5	49.2	159	1843
FFD-X-06310XL-X 4	63	10	63	6.35	57.9	4	59.1	162.4	1513
FFD-X-06310XL-X 5	63	10	63	6.35	57.9	5	71.7	203	1873
FFD-X-06312XL-X 4	63	12	63	7.938	56.7	4	79.7	199.3	1550
FFD-X-06312XL-X 5	63	12	63	7.938	56.7	5	96.5	249.1	1919
FFD-X-06316XL-X 4	63	16	63	9.525	55.5	4	100.9	234.6	1594
FFD-X-06316XL-X 5	63	16	63	9.525	55.5	5	122.2	293.2	1972
FFD-X-06320XL-X 4	63	20	63	9.525	55.5	4	100.6	234.2	1601
FFD-X-06320XL-X 5	63	20	63	9.525	55.5	5	121.9	292.7	1981
FFD-X-08010XL-X 4	80	10	80	6.35	74.9	4	66.7	214.5	1824
FFD-X-08010XL-X 5	80	10	80	6.35	74.9	5	80.8	268.1	2258
FFD-X-08012XL-X 4	80	12	80	7.938	73.7	4	90.1	262.7	1897
FFD-X-08012XL-X 5	80	12	80	7.938	73.7	5	109.1	328.3	2348
FFD-X-08016XL-X 4	80	16	80	9.525	72.5	4	112.3	300.1	1919
FFD-X-08016XL-X 5	80	16	80	9.525	72.5	5	136.1	375.2	2375
FFD-X-08020XL-X 4	80	20	80	9.525	72.5	4	112.2	299.8	1934
FFD-X-08020XL-X 5	80	20	80	9.525	72.5	5	135.9	374.8	2393
FFD-X-10016XL-X 4	100	16	97	10	89.8	4	131.3	388.6	2254
FFD-X-10016XL-X 5	100	16	97	10	89.8	5	159.1	485.7	2790
FFD-X-10020XL-X 4	100	20	97	10	89.8	4	131.2	388.3	2278
FFD-X-10020XL-X 5	100	20	97	10	89.8	5	158.9	485.3	2819
FFD-X-12016XL-X 5	120	16	117	10	109.8	5	172.9	593.7	3209
FFD-X-12016XL-X 7	120	16	117	10	109.8	7	230.9	831.2	4428
FFD-X-12020XL-X 5	120	20	117	10	109.8	5	172.8	593.4	3255
FFD-X-12020XL-X 7	120	20	117	10	109.8	7	230.8	830.8	4490



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	127	FFD-X-05008XL-X 3
75	75	15	118	18	95	11	18	11	M8X1	60	163	FFD-X-05008XL-X 5
75	75	15	118	18	95	11	18	11	M8X1	62	147	FFD-X-05010XL-X 3
75	75	15	118	18	95	11	18	11	M8X1	62	194	FFD-X-05010XL-X 5
75	75	20	118	18	95	11	18	11	M8X1	60	195	FFD-X-05012XL-X 4
75	75	20	118	18	95	11	18	11	M8X1	60	223	FFD-X-05012XL-X 5
90	90	20	132	18	110	11	18	11	M8X1	75	147	FFD-X-06308XL-X 4
90	90	20	132	18	110	11	18	11	M8X1	75	163	FFD-X-06308XL-X 5
90	90	20	138	22	112	13.5	22	13	M8X1	75	175	FFD-X-06310XL-X 4
90	90	20	138	22	112	13.5	22	13	M8X1	75	198	FFD-X-06310XL-X 5
90	90	20	138	22	112	13.5	22	13	M8X1	75	203	FFD-X-06312XL-X 4
90	90	20	138	22	112	13.5	22	13	M8X1	75	230	FFD-X-06312XL-X 5
95	95	30	148	28	118	13.5	22	13	M8X1	75	266	FFD-X-06316XL-X 4
95	95	30	148	28	118	13.5	22	13	M8X1	75	306	FFD-X-06316XL-X 5
95	95	40	148	28	118	13.5	22	13	M8X1	75	304	FFD-X-06320XL-X 4
95	95	40	148	28	118	13.5	22	13	M8X1	75	354	FFD-X-06320XL-X 5
105	105	20	156	22	130	13.5	22	13	M8X1	90	181	FFD-X-08010XL-X 4
105	105	20	156	22	130	13.5	22	13	M8X1	90	204	FFD-X-08010XL-X 5
110	110	25	158	22	132	13.5	22	13	M8X1	90	211	FFD-X-08012XL-X 4
110	110	25	158	22	132	13.5	22	13	M8X1	90	237	FFD-X-08012XL-X 5
118	118	30	168	28	140	13.5	22	13	M8X1	95	274	FFD-X-08016XL-X 4
118	118	30	168	28	140	13.5	22	13	M8X1	95	298	FFD-X-08016XL-X 5
118	118	40	168	28	140	13.5	22	13	M8X1	95	306	FFD-X-08020XL-X 4
118	118	40	168	28	140	13.5	22	13	M10X1	95	358	FFD-X-08020XL-X 5
140	140	40	204	28	170	17.5	28	17	M10X1	115	263	FFD-X-10016XL-X 4
140	140	40	204	28	170	17.5	28	17	M10X1	115	300	FFD-X-10016XL-X 5
140	140	40	204	28	170	17.5	28	17	M10X1	115	315	FFD-X-10020XL-X 4
140	140	40	204	28	170	17.5	28	17	M10X1	115	372	FFD-X-10020XL-X 5
160	160	40	225	28	190	17.5	28	17	M10X1	135	300	FFD-X-12016XL-X 5
160	160	40	225	28	190	17.5	28	17	M10X1	135	380	FFD-X-12016XL-X 7
160	160	40	225	28	190	17.5	28	17	M10X1	135	370	FFD-X-12020XL-X 5
160	160	40	225	28	190	17.5	28	17	M10X1	135	466	FFD-X-12020XL-X 7