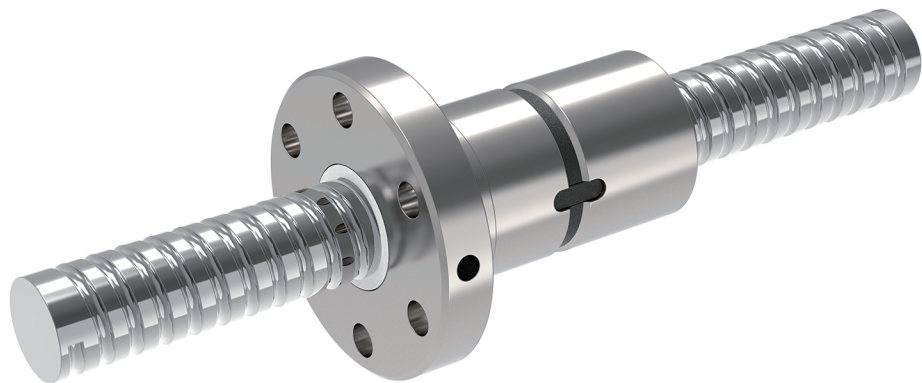
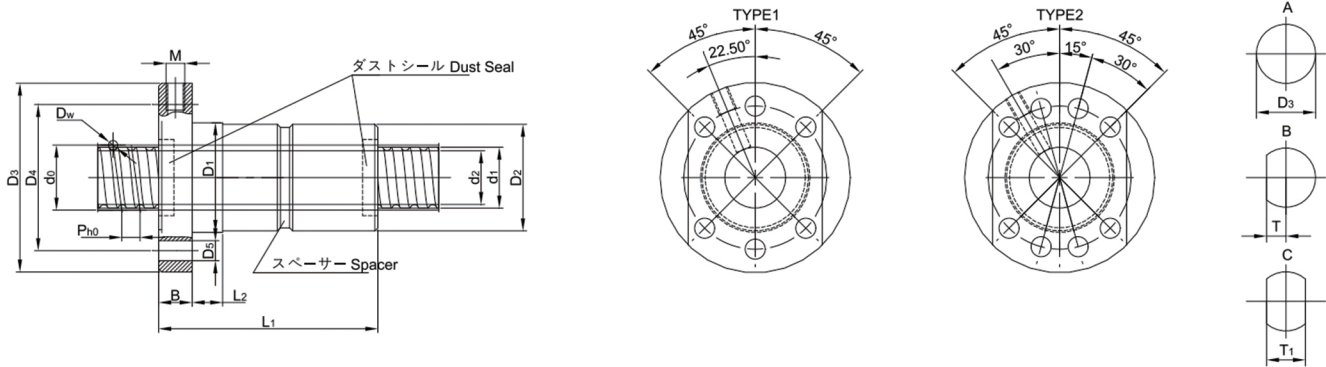


FDD型高速精密ボールねじ FDD TYPE HIGH-SPEED PRECISION BALL SCREW

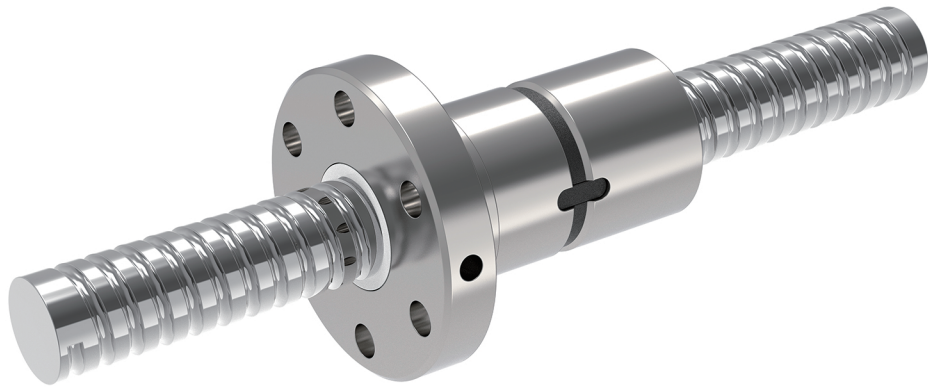


型式 Model Number	直径 Diameter (d0)	リード Lead (Ph0)	ねじ軸外径 Major Diameter of Thread (d1)	ボール径 Ball Diameter (Dw)	ねじ軸底径 d2 Diameter	巻数 Cyclic Number (n)	基本定格荷重 N Basic Load Rating		剛性 Axial Stiffness (KcN/μm)
							動定格荷重 Dynamic Load (Ca kN)	静定格荷重 Static Load (CoakN)	
FDD-X-02510XL-X 3	25	10	25	3.969	21.7	3	15.7	29.3	522
FDD-X-02510XL-X 4	25	10	25	3.969	21.7	4	20.5	39.9	702
FDD-X-03206XL-X 4	32	6	32	3.969	28.7	4	23.4	52.8	859
FDD-X-03206XL-X 5	32	6	32	3.969	28.7	5	28.7	66.9	1077
FDD-X-03210XL-X 4	32	10	32	3.969	28.7	4	23.3	52.7	871
FDD-X-03210XL-X 5	32	10	32	3.969	28.7	5	28.6	66.7	1091
FDD-X-03210XL-X 4	32	10	32	6.35	26.9	4	42.7	80.7	903
FDD-X-03210XL-X 5	32	10	32	6.35	26.9	5	52.3	102.3	1132
FDD-X-03212XL-X 4	32	12	32	3.969	28.7	4	23.3	52.6	871
FDD-X-03212XL-X 5	32	12	32	3.969	28.7	5	28.5	66.6	1092
FDD-X-03212XL-X 4	32	12	32	6.35	26.9	4	42.6	80.6	904
FDD-X-03212XL-X 5	32	12	32	6.35	26.9	5	52.2	102.1	1132
FDD-X-03216XL-X 4	32	16	32	6.35	26.9	4	42.3	80.2	899
FDD-X-04010XL-X 4	40	10	40	6.35	34.9	4	48	102.6	1084
FDD-X-04010XL-X 5	40	10	40	6.35	34.9	5	58.9	130	1358
FDD-X-04012XL-X 4	40	12	40	6.35	34.9	4	47.9	102.5	1087
FDD-X-04012XL-X 5	40	12	40	6.35	34.9	5	58.8	129.8	1363
FDD-X-04015XL-X 5	40	15	40	6.35	34.9	5	58.6	129.5	1364
FDD-X-04016XL-X 4	40	16	40	6.35	34.9	4	47.7	102.1	1088
FDD-X-04016XL-X 5	40	16	40	6.35	34.9	5	58.5	129.4	1363
FDD-X-04020XL-X 4	40	20	40	6.35	34.9	4	47.5	101.7	1083
FDD-X-04020XL-X 5	40	20	40	6.35	34.9	5	58.2	128.8	1357
FDD-X-04025XL-X 4	40	25	40	6.35	34.9	4	47.1	101	1073
FDD-X-04030XL-X 3	40	30	40	6.35	34.9	3	46.8	77.1	821
FDD-X-05010XL-X 4	50	10	50	6.35	44.9	4	53.4	129.9	1293
FDD-X-05010XL-X 5	50	10	50	6.35	44.9	5	65.4	164.5	1620
FDD-X-05012XL-X 4	50	12	50	6.35	44.9	4	53.3	129.8	1300
FDD-X-05012XL-X 5	50	12	50	6.35	44.9	5	65.4	164.4	1629
FDD-X-05016XL-X 4	50	16	50	6.35	44.9	4	53.2	129.5	1307
FDD-X-05016XL-X 5	50	16	50	6.35	44.9	5	65.2	164	1637
FDD-X-05020XL-X 4	50	20	50	6.35	44.9	4	53	129.1	1307

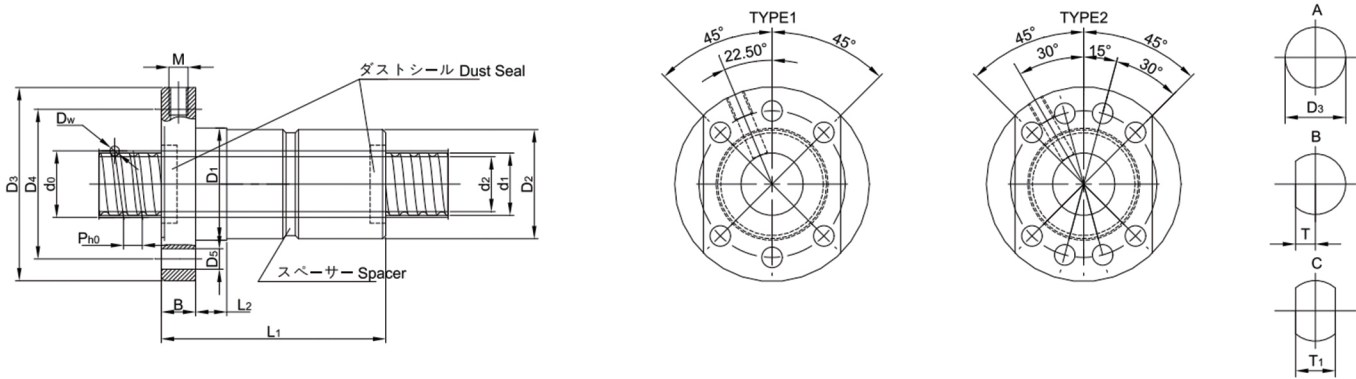


ナット寸法 Nut Dimensions												型式 Model Number
D1(g6)	D2 (-0.3~-0.1)	L2	D3	B	D4	D5	TYPE	T	T1	M	L1	
36	36	15	58	11	47	6.6	1	22	44	M6	47	FDD-X-02010XL-X 3
45	45	20	65	11	54	6.6		25.5	51	M6	50	FDD-X-02510XL-X 3
45	45	20	65	11	54	6.6		25.5	51	M6	60	FDD-X-02510XL-X 4
45	45	20	65	11	54	6.6		25.5	51	M6	71	FDD-X-02516XL-X 3
45	45	20	65	11	54	6.6		25.5	51	M6	87	FDD-X-02516XL-X 4
45	45	20	65	11	54	6.6		25.5	51	M6	80	FDD-X-02520XL-X 3
50	50	20	80	11	65	6.6		31	62	M6	86	FDD-X-02816XL-X 4
53	53	20	87	12	72	9		34.5	69	M6	46	FDD-X-03206XL-X 4
53	53	20	87	12	72	9		34.5	69	M6	52	FDD-X-03206XL-X 5
53	53	20	87	12	72	9		34.5	69	M6	63	FDD-X-03210XL-X 4
53	53	20	87	12	72	9		34.5	69	M6	73	FDD-X-03210XL-X 5
62	62	20	92	14	77	9		37	74	M6	67	FDD-X-03210XL-X 4
62	62	20	92	14	77	9		37	74	M6	77	FDD-X-03210XL-X 5
53	53	20	87	12	72	9	2	34.5	69	M6	68	FDD-X-03212XL-X 4
53	53	20	87	12	72	9		34.5	69	M6	80	FDD-X-03212XL-X 5
62	62	20	92	14	77	9		37	74	M6	75	FDD-X-03212XL-X 4
62	62	20	92	14	77	9		37	74	M6	87	FDD-X-03212XL-X 5
62	62	20	92	14	77	9		37	74	M6	92	FDD-X-03216XL-X 4
53	53	20	87	12	72	9		34.5	69	M6	81	FDD-X-03220XL-X 3
66	66	20	96	14	81	9		36.5	73	M8x1	106	FDD-X-03616XL-X 5
70	70	20	100	14	85	9		37.5	75	M8x1	72	FDD-X-04010XL-X 4
70	70	20	100	14	85	9		37.5	75	M8x1	82	FDD-X-04010XL-X 5
70	70	20	100	14	85	9		37.5	75	M8x1	76	FDD-X-04012XL-X 4
70	70	20	100	14	85	9		37.5	75	M8x1	88	FDD-X-04012XL-X 5
70	70	20	100	14	85	9		37.5	75	M8x1	108	FDD-X-04015XL-X 5
70	70	20	100	14	85	9		37.5	75	M8x1	91	FDD-X-04016XL-X 4
70	70	20	100	14	85	9		37.5	75	M8x1	107	FDD-X-04016XL-X 5
70	70	20	100	14	85	9		37.5	75	M8x1	110	FDD-X-04020XL-X 4
70	70	20	100	14	85	9		37.5	75	M8x1	130	FDD-X-04020XL-X 5
70	70	20	100	14	85	9		37.5	75	M8x1	127	FDD-X-04025XL-X 4
70	70	20	100	14	85	9		37.5	75	M8x1	117	FDD-X-04030XL-X 3

FDD型高速精密ボールねじ FDD HIGH-SPEED PRECISION 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)	
FDD-X-05020XL-X 5	50	20	50	6.35	44.9	5	65	163.6	1637
FDD-X-05025XL-X 4	50	25	50	6.35	44.9	4	52.7	128.6	1301
FDD-X-05030XL-X 4	50	30	50	6.35	44.9	4	52.3	127.9	1291
FDD-X-05040XL-X 3	50	40	50	6.35	44.9	3	40.4	96.2	971
FDD-X-06310XL-X 5	63	10	63	6.35	57.9	5	71.7	206.1	1901
FDD-X-06312XL-X 5	63	12	63	6.35	57.9	5	71.6	206	1918
FDD-X-06312XL-X 5	63	12	63	7.938	56.7	5	97.6	257.2	1983
FDD-X-06316XL-X 5	63	16	63	6.35	57.9	5	71.5	205.7	1936
FDD-X-06316XL-X 5	63	16	63	9.525	55.6	5	125	307.9	2065
FDD-X-06320XL-X 5	63	20	63	6.35	57.9	5	72.9	212	1998
FDD-X-06320XL-X 5	63	20	63	9.525	55.6	5	124.7	307.3	2072
FDD-X-06325XL-X 4	63	25	63	6.35	57.9	4	59.3	166.9	1595
FDD-X-06325XL-X 4	63	25	63	9.525	55.6	4	101.4	242	1654
FDD-X-06330XL-X 4	63	30	63	6.35	57.9	4	59	166.3	1591
FDD-X-06330XL-X 4	63	30	63	9.525	55.6	4	101	241.2	1649
FDD-X-06340XL-X 3	63	40	63	6.35	57.9	3	44.7	120.9	1169
FDD-X-06340XL-X 3	63	40	63	9.525	55.6	3	76.5	175.4	1212
FDD-X-08016XL-X 5	80	16	80	9.525	72.5	5	140.9	401	2515
FDD-X-08020XL-X 5	80	20	80	9.525	72.5	5	140.7	400.5	2533
FDD-X-08025XL-X 4	80	25	80	9.525	72.5	4	114.5	315.7	2029
FDD-X-08030XL-X 4	80	30	80	9.525	72.5	4	114.2	315	2031
FDD-X-08030XL-X 4	80	30	80	12.7	70.9	4	217.4	567.9	1357
FDD-X-08040XL-X 3	80	40	80	9.525	72.5	3	86.9	229.8	1504
FDD-X-08040XL-X 3	80	40	80	12.7	70.9	3	165.4	414.3	1943



ナット寸法 Nut Dimensions												型式 Model Number
D1(g6)	D2 (-0.3~+0.1)	L2	D3	B	D4	D5	TYPE	T	T1	M	L1	
82	82	20	118	16	100	11	2	46	92	M8x1	255	FDD-X-05020XL-X 5
82	82	20	118	16	100	11		46	92	M8x1	263	FDD-X-05025XL-X 4
82	82	20	118	16	100	11		46	92	M8x1	295	FDD-X-05030XL-X 4
82	82	20	118	16	100	11		46	92	M8x1	295	FDD-X-05040XL-X 3
95	95	20	135	22	115	13.5		50	100	M8x1	165	FDD-X-06310XL-X 5
95	95	20	135	22	115	13.5		50	100	M8x1	187	FDD-X-06312XL-X 5
98	98	20	138	25	118	13.5		52.2	103	M8x1	193	FDD-X-06312XL-X 5
95	95	20	135	22	115	13.5		50	100	M8x1	219	FDD-X-06316XL-X 5
107	107	30	147	28	127	13.5		56	112	M8x1	254	FDD-X-06316XL-X 5
95	95	20	135	22	115	13.5		50	100	M8x1	259	FDD-X-06320XL-X 5
107	107	30	147	28	127	13.5		56	112	M8x1	290	FDD-X-06320XL-X 5
95	95	20	135	22	115	13.5		50	100	M8x1	262.5	FDD-X-06325XL-X 4
107	107	30	147	28	127	13.5		56	112	M8x1	290	FDD-X-06325XL-X 4
95	95	20	135	22	115	13.5		50	100	M8x1	299	FDD-X-06330XL-X 4
107	107	30	147	28	127	13.5		56	112	M8x1	330	FDD-X-06330XL-X 4
95	95	20	135	22	115	13.5		50	100	M8x1	295	FDD-X-06340XL-X 3
107	107	30	147	28	127	13.5		56	112	M8x1	330	FDD-X-06340XL-X 3
125	125	25	165	25	145	13.5		67.5	135	M8x1	254	FDD-X-08016XL-X 5
125	125	25	165	25	145	13.5		67.5	135	M8x1	290	FDD-X-08020XL-X 5
125	125	25	165	25	145	13.5		67.5	135	M8x1	290	FDD-X-08025XL-X 4
125	125	25	165	25	145	13.5		67.5	135	M8x1	330	FDD-X-08030XL-X 4
140	140	25	165	25	160	13.5		75	150	M8x1	350	FDD-X-08030XL-X 4
125	125	25	165	25	145	13.5		67.5	135	M8x1	330	FDD-X-08040XL-X 3
140	140	25	165	25	160	13.5		75	150	M8x1	330	FDD-X-08040XL-X 3