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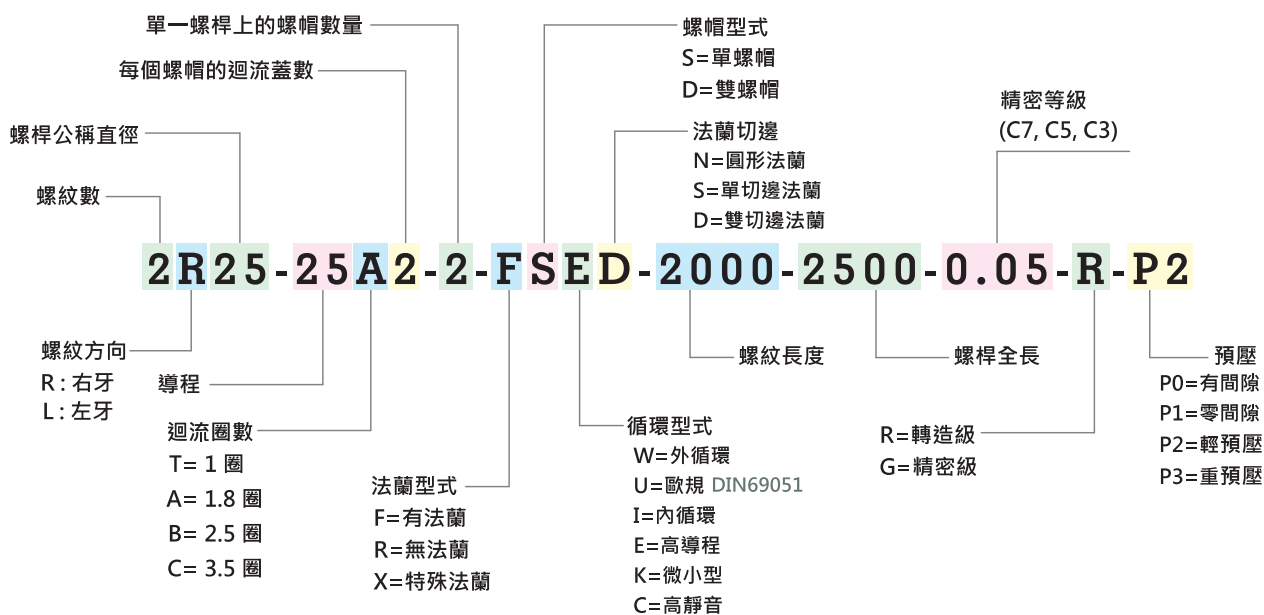
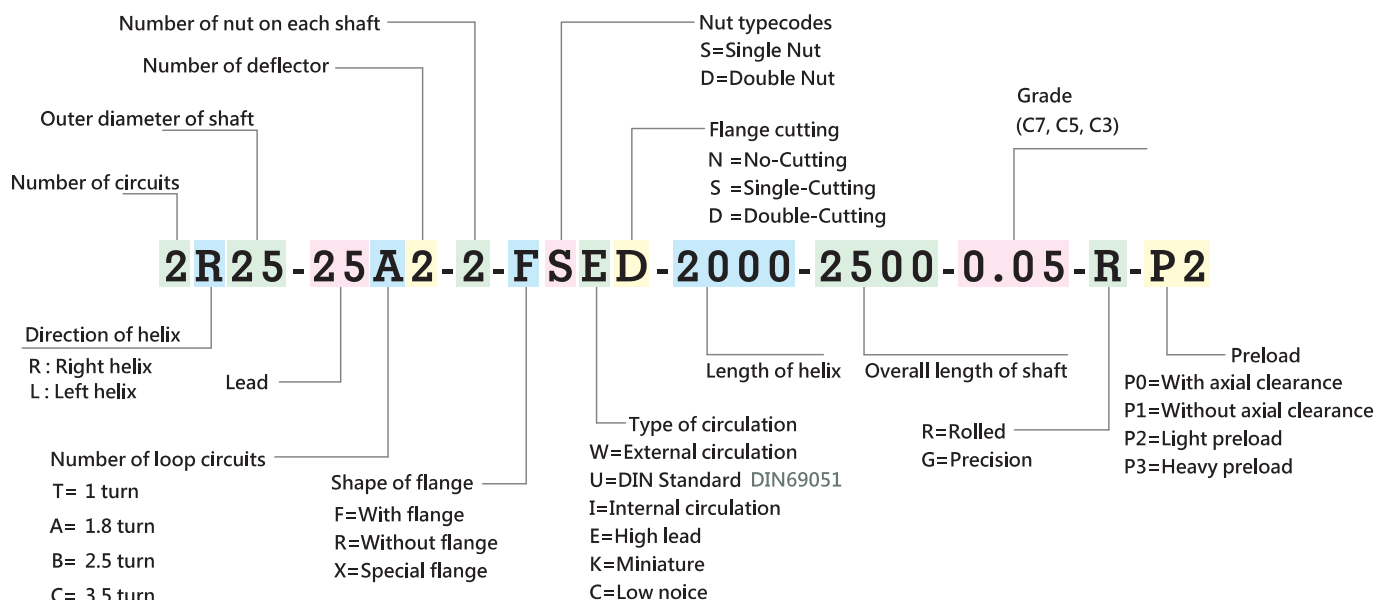
7F-2, No.842, Jing Kuo Rd., Taoyuan, Taiwan, R.O.C.

TEL: +886-3-3165828 FAX: +886-3-3165838

E-mail: hottrade@ms51.hinet.net

BallScrew Code System

滾珠螺桿規格定義



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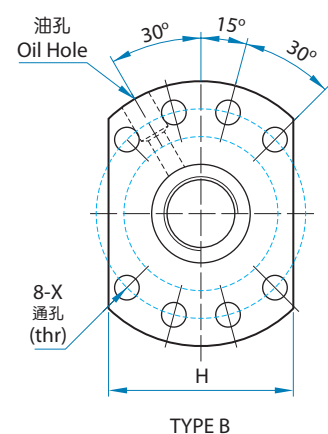
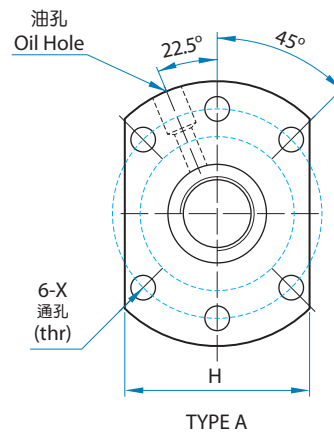
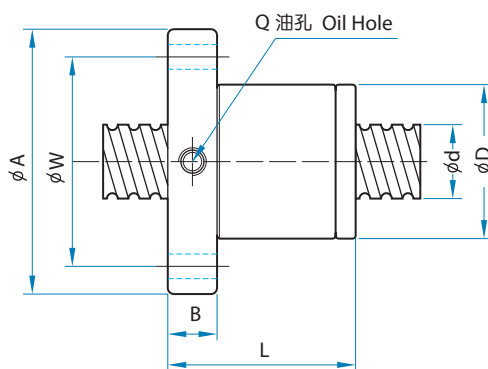
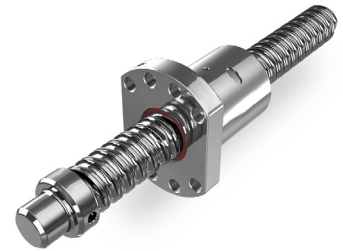
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E-mail: hottrade@ms51.hinet.net

TYPE FSU (DIN69051)

DIN Standard, With flange, Single Nut



單位 (Unit) : mm

型 號 Model No.	滾珠螺桿、螺帽之基準數據 Dimensions															
	d	l	Da	D	A	B	L	W	Type	H	X	Q	n	Ca	Coa	K
1605-3	16	5	3.175	28	48	10	42	38	A	40	5.5	M6	3	765	1240	17
1610-4		5	3.175	28	48	10	50	38	A	40	5.5	M6	4	780	1790	17
1616-3		10	3.175	28	48	12	43.3	38	A	40	5.5	M6	3	716	1232	15
2005-4	20	5	3.175	36	58	10	53	47	A	44	6.6	M6	4	1100	2280	21
2505-4	25	5	3.175	40	62	10	53	51	A	48	6.6	M6	4	1250	3070	26
2510-4		10	4.762	40	62	12	85	51	A	48	6.6	M6	4	1944	3877	27
3205-4	32	5	3.175	50	80	12	53	65	A	62	9	M6	4	1400	4080	32
3210-3		10	6.350	50	80	16	74	65	A	62	9	M6	3	2605	5310	34
3210-4		10	6.350	50	80	16	90	65	A	62	9	M6	4	3390	7170	34
4005-4	40	5	3.175	63	93	16	56	78	B	70	9	M8	4	1575	5290	38
4010-4		10	6.350	63	93	18	93	78	B	70	9	M8	4	3850	9470	41
5010-4	50	10	6.350	75	110	18	93	93	B	85	11	M8	4	4390	12400	50
6310-4	63	10	6.350	90	125	18	98	108	B	95	11	M8	4	5070	16600	80
8010-4	80	10	6.350	105	145	20	98	125	B	110	13.5	M8	4	5620	21300	90



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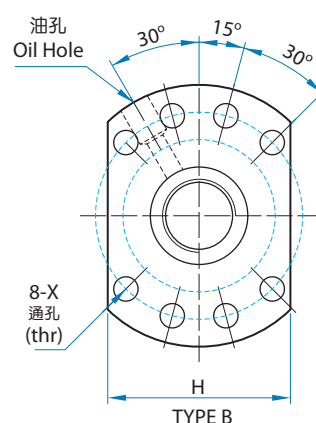
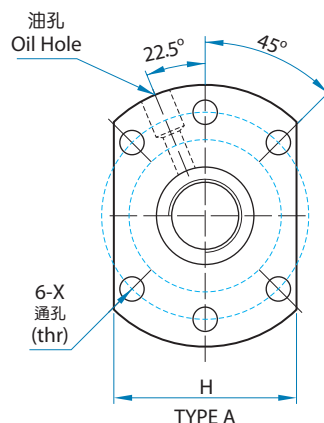
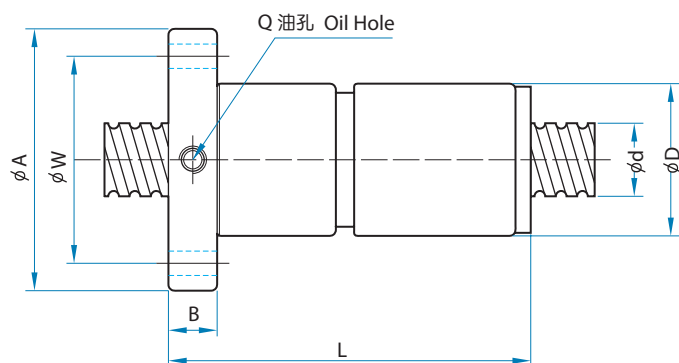
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TEL: +886-3-3165828 FAX: +886-3-3165838

E-mail: hottrade@ms51.hinet.net

TYPE FDU (DIN69051)



單位 (Unit) : mm

l: 導程 Lead

Da: 珠徑 Ball Dia.

K: 剛性 Stiffness (Kgf/ μ m) n: 珠圈數 Num of Circuits

Ca: 動額定負荷 Basic Dynamic Rating Load (Kgf)

Coa: 靜額定負荷 Basic Static Rating Load (Kgf)

型 號 Model No.	滾珠螺桿、螺帽之基準數據 Dimensions															
	d	l	Da	D	A	B	L	W	Type	H	X	Q	n	Ca	Coa	K
1605-3	15	5	3.175	28	48	10	80	38	A	40	5.5	M6	3	780	1790	37
2005-4	20	5	3.175	36	58	12	92	47	A	44	6.6	M6	4	1100	2280	49
2505-4	25	5	3.175	40	62	12	92	51	A	48	6.6	M6	4	1250	3070	58
2510-4		10	4.762	40	62	12	153	51	A	48	6.6	M6	4	1944	3877	49
3205-4	32	5	3.175	50	80	12	92	65	A	62	9	M6	4	1400	4080	70
3210-4		10	6.350	50	80	16	160	65	A	62	9	M6	4	3390	7170	79
4005-4	40	5	3.175	63	93	15	96	78	B	70	9	M8	4	1575	5290	84
4010-4		10	6.350	63	93	18	162	78	B	70	9	M8	4	3850	9470	97
5010-4	50	10	6.350	75	110	16	162	93	B	85	11	M8	4	4390	12400	115
6310-4	63	10	6.350	90	125	18	182	108	B	95	11	M8	4	5070	16600	80
8010-4	80	10	6.350	105	145	20	182	125	B	110	13.5	M8	4	5620	21300	90



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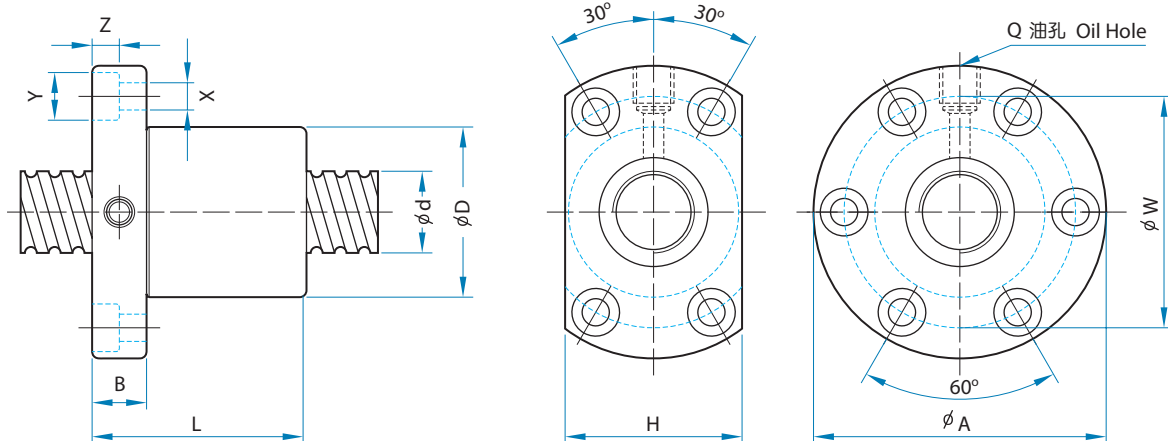
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TYPE FSI



單位 (Unit) : mm

型 號 Model No.	滾珠螺桿、螺帽之基準數據 Dimensions													性能數據 Performance Data			
	d	l	Da	D	A	B	L	W	H	X	Y	Z	Q	n	Ca	Coa	K
1404-4	14	4	2.381	26	46	10	47	36	34	4.5	8	4.5	M6	4	400	890	18
1605-4	16	5	3.175	30	49	10	50	39	34	4.5	8	4.5	M6	4	780	1790	17
1610-4		10	3.175	34	58	10	54.6	45	34	5.5	9.5	5.5	M6	4	918	1643	15
2005-4	20	5	3.175	34	57	11	53	45	40	5.5	9.5	5.5	M6	4	1100	2280	21
2505-4	25	5	3.175	40	63	11	53	51	46	5.5	9.5	5	M8	4	1250	3070	26
2510-4		10	4.762	46	72	12	85	58	52	6.5	11	6.5	M6	4	1944	3877	27
3205-4	32	5	3.175	46	72	12	52	58	52	6.5	11	6	M8	4	1400	4080	32
3210-4		10	6.350	54	88	15	90	70	62	9	14	8.5	M8	4	3390	7170	34
4005-4	40	5	3.175	56	90	15	55	72	64	9	14	8.5	M8	4	1575	5290	38
4010-4		10	6.350	62	104	18	93	82	70	11	17.5	11	M8	4	3850	9470	41
5010-4	50	10	6.350	72	114	18	93	92	82	11	17.5	11	M8	4	4390	12400	50



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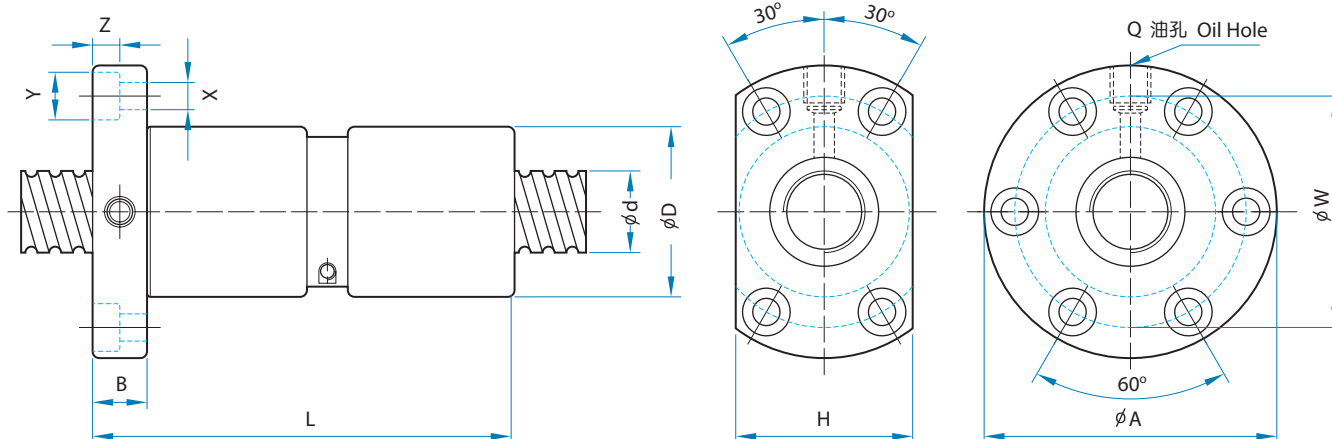
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TYPE FDI



單位 (Unit) : mm

型 號 Model No.	滾珠螺桿、螺帽之基準數據 Dimensions																
	<i>d</i>	<i>l</i>	<i>Da</i>	<i>D</i>	<i>A</i>	<i>B</i>	<i>L</i>	<i>W</i>	<i>H</i>	<i>X</i>	<i>Y</i>	<i>Z</i>	<i>Q</i>	<i>n</i>	<i>Ca</i>	<i>Coa</i>	<i>K</i>
1605-3	16	5	2.381	30	49	10	80	39	34	4.5	8	4.5	M6	3	780	1790	37
2005-4	20	5	3.175	34	57	11	92	45	40	5.5	9.5	5.5	M6	4	1100	2280	49
2505-4	25	5	3.175	40	63	11	92	51	46	5.5	9.5	5.5	M8	4	1250	3070	58
2510-4		10	4.762	46	72	12	156	58	52	6.5	11	6.5	M6	4	1944	3877	49
3205-4	32	5	3.175	46	72	12	92	58	52	6.5	11	6.5	M8	4	1400	4080	70
3210-4		10	6.350	54	88	15	160	70	62	9	14	8.5	M8	4	3390	7170	79
4005-4	40	5	3.175	56	90	15	96	72	64	9	14	8.5	M8	4	1575	5290	84
4010-4		10	6.350	62	104	18	162	82	70	11	17.5	11	M8	4	3850	9470	97
5010-4	50	10	6.350	72	114	18	162	92	82	11	17.5	11	M8	4	4390	12400	115



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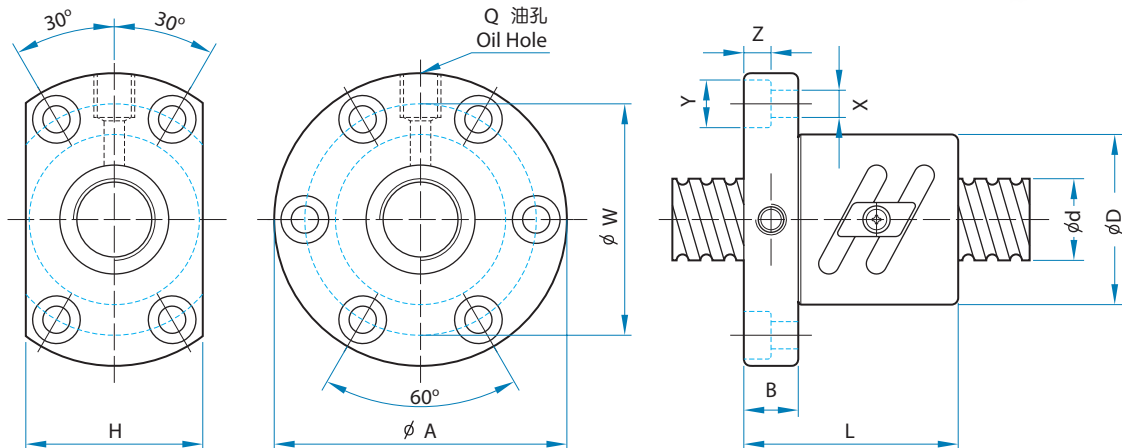
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TYPE FSW



單位 (Unit) : mm

型 號 Model No.	滾珠螺桿、螺帽之基準數據 Dimensions																
	d	l	Da	D	A	B	L	W	H	X	Y	Z	Q	n	Ca	Coa	K
2505-5	25	5	3.175	50	73	11	55	61	52	5.5	9.5	5.5	M8	2.5 x 2	1690	4460	46
2510-2.5		10	6.350	68	102	15	70	84	82	9	14	8.5	M8	2.5 x 1	2440	4730	26
3205-5	32	5	3.175	58	85	12	56	71	64	6.6	11	6.5	M8	2.5 x 2	1880	5720	55
3206-5		6	3.969	62	89	12	65	75	68	6.6	11	6.5	M8	2.5 x 2	2520	7080	56
3208-5		8	4.762	66	100	15	82	82	76	9	14	8.5	M8	2.5 x 2	3230	8360	58
3210-5		10	6.350	74	108	15	96	90	82	9	14	8.5	M8	2.5 x 2	4820	11500	63
3220-2.5		20	6.350	74	108	15	100	90	82	9	14	8.5	M8	2.5 x 2	2680	6020	30
4005-5	40	5	3.175	67	101	15	59	83	72	9	14	8.5	M8	2.5 x 2	2026	7200	66
4010-5		10	6.350	82	124	18	100	102	94	11	17.5	11	M8	2.5 x 2	5300	14000	72
4020-2.5		20	6.350	82	124	18	100	102	90	11	17.5	11	M8	2.5 x 1	2970	7370	38
5010-5	50	10	6.350	93	135	18	103	113	98	11	17.5	11	M8	2.5 x 2	5940	18000	89
5020-2.5		20	9.525	105	152	28	121	128	110	14	20	13	M8	2.5 x 1	7400	18700	45
6310-5	63	10	6.350	108	154	22	105	130	110	14	20	13	M8	2.5 x 2	6550	22700	107
6320-2.5		20	9.525	122	180	28	127	150	130	18	26	18	M8	2.5 x 1	8110	23200	73
8010-5	80	10	6.350	130	176	22	105	152	132	14	20	13	M8	2.5 x 2	7200	28900	129
8020-5		20	9.525	143	204	28	180	172	148	18	26	18	M8	2.5 x 2	16700	60100	175
8020-7.5		20	9.525	143	204	28	240	172	148	18	26	18	M8	2.5 x 3	23500	89100	252



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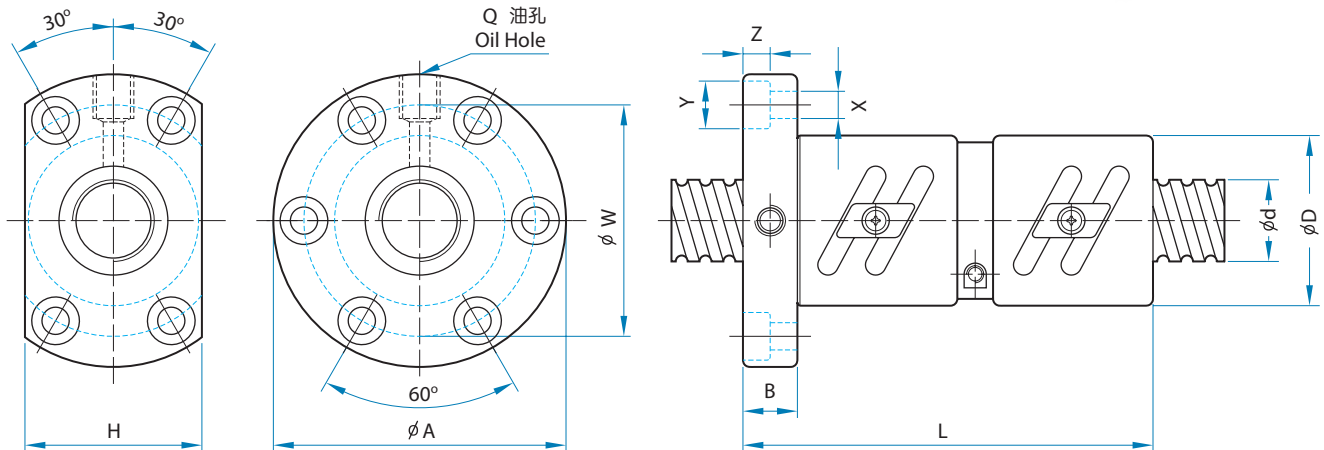
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TYPE FDW



單位 (Unit) : mm

l: 導程 Lead Da: 珠徑 Ball Dia.

K: 剛性 Stiffness (Kg/μm) n: 珠圈數 Num of Circuits

Ca: 動額定負荷 Basic Dynamic Rating Load (Kgf)

Coa: 靜額定負荷 Basic Static Rating Load (Kgf)

型號 Model No.	滾珠螺桿、螺帽之基準數據 Dimensions																
	d	l	Da	D	A	B	L	W	H	X	Y	Z	Q	n	Ca	Coa	K
2505-5	25	5	3.175	50	73	11	105	61	52	5.5	9.5	5.5	M8	2.5 x 2	1690	4460	89
2510-2.5		10	6.350	68	102	15	130	84	82	9	14	8.5	M8	2.5 x 1	2440	4730	48
3205-5	32	5	3.175	58	85	12	106	71	64	6.6	11	6.5	M8	2.5 x 2	1880	5720	108
3206-5		6	3.969	62	89	12	123	75	68	6.6	11	6.5	M8	2.5 x 2	2520	7080	111
3208-5		8	4.762	66	100	15	154	82	76	9	14	8.5	M8	2.5 x 2	3230	8360	113
3210-5		10	6.350	74	108	15	187	90	82	9	14	8.5	M8	2.5 x 2	4820	11500	117
3220-2.5		20	6.350	74	108	16	198	90	82	9	14	8.5	M8	2.5 x 1	2680	6020	60
4005-5	40	5	3.175	67	101	15	109	83	72	9	14	8.5	M8	2.5 x 2	2026	7200	130
4010-5		10	6.350	82	124	18	188	102	94	11	17.5	11	M8	2.5 x 2	5300	14000	141
4020-2.5		20	6.350	82	124	18	200	102	90	11	17.5	11	M8	2.5 x 1	2970	7370	75
5010-5	50	10	6.350	93	135	18	193	133	98	11	17.5	11	M8	2.5 x 2	5940	18000	170
5020-2.5		20	9.525	105	152	28	225	128	110	14	20	13	M8	2.5 x 1	7400	18700	90
6310-5	63	10	6.350	108	154	22	197	130	110	14	20	13	M8	2.5 x 2	6550	22700	200
8010-5	80	10	6.350	130	176	22	195	152	132	14	20	13	M8	2.5 x 2	7200	28900	240
8020-5		20	9.525	143	204	28	340	172	148	18	26	18	M8	2.5 x 2	16700	60100	330



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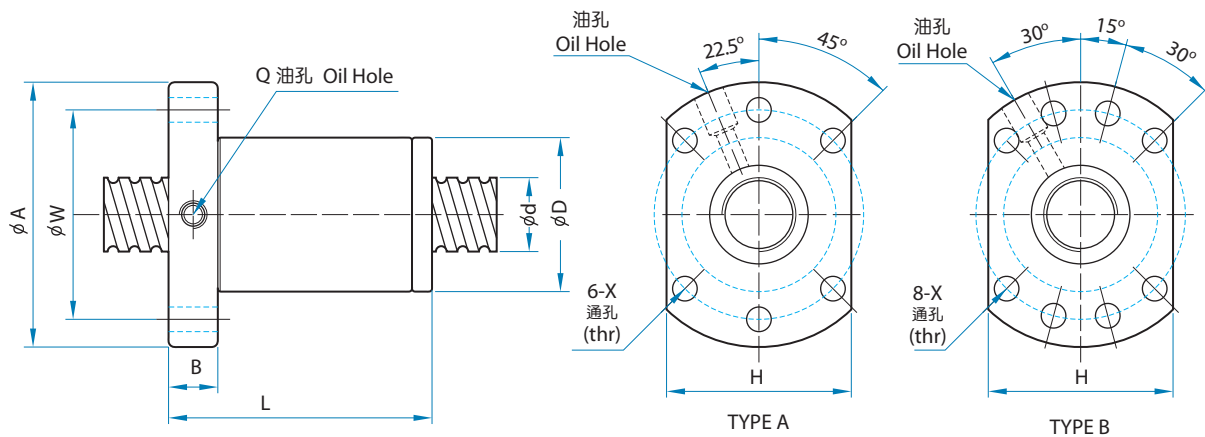
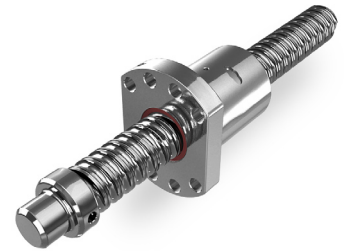
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TYPE FSC (DIN69051)



單位 (Unit) : mm

型號 Model No.	滾珠螺桿、螺帽之基準數據 Dimensions															
	d	l	Da	D	A	B	L	W	Type	H	X	Q	n	Ca	Coa	左螺紋
1605-4	16	5	3	28	48	10	34	38	A	40	5.5	M6	4	1255	1642	★
1610-3		5	3.175	28	48	10	43.3	38	A	40	5.5	M6	3	716	1232	
1616-3		10	3.175	28	48	12	61	38	A	40	5.5	M6	3	716	1232	
2005-4	20	5	3.175	36	58	10	53	47	A	44	6.6	M6	4	1459	2193	★
2505-4	25	5	3.175	40	62	10	53	51	A	48	6.6	M6	4	1622	2774	★
2510-4		10	3.500	40	62	12	64	51	A	48	6.6	M6	4	1854	3020	
3205-4	32	5	3.175	50	80	12	53	65	A	62	9	M6	4	2203	4080	★
3210-5		10	3.969	50	80	16	77	65	A	62	9	M6	5	3233	5947	
3220-4		10	3.969	50	80	16	78	65	A	62	9	M6	3	2009	3437	
4005-4	40	5	3.175	63	93	16	56	78	B	70	9	M8	4	2968	6538	★
4010-4		10	5.556	63	93	18	70	78	B	70	9	M8	4	4550	8400	
4020-3		20	5.556	63	93	18	83	78	B	70	9	M8	3	3866	6406	
5010-4	50	10	6.350	75	110	18	90	93	B	85	11	M8	4	8129	16983	
5020-5		20	6.350	75	110	18	121	93	B	85	11	M8	5	7721	15269	

註:標註有 ★ 號者可製作左螺紋



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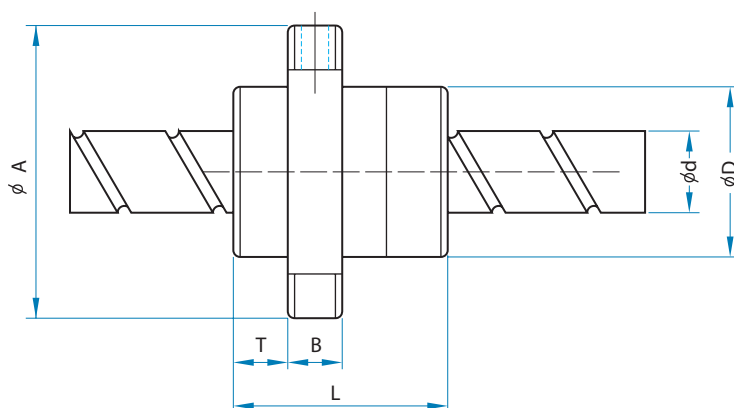
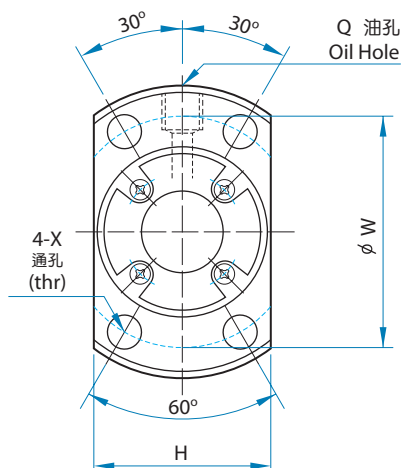
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TYPE FSE



單位 (Unit) : **mm**

l: 導程 Lead Da: 珠徑 Ball Dia.

K: 剛性 Stiffness (Kgf/μm) n: 珠圈數 Num of Circuits

Ca: 動額定負荷 Basic Dynamic Rating Load (Kgf)

Coa: 靜額定負荷 Basic Static Rating Load(Kgf)

型 號 Model No.	滾珠螺桿、螺帽之基準數據 Dimensions															
	d	l	Da	D	A	B	T	L	W	X	H	Q	Ca	Coa	Circuit x Row	K
1616-2	16	16	3.175	32	53	10	10.5	45	42	4.5	38	M6	719	1429	1.8X2	9
2020-2	20	20	3.175	39	62	10	10.8	52	52	50	46	M6	780	2280	1.8X2	21
2525-2	25	25	3.969	47	74	12	11.2	64	64	60	56	M6	1230	3570	1.8X2	27
3232-2	32	32	4.762	58	92	15	14	80	80	74	68	M6	1760	5500	1.8X2	33
4040-2	40	40	6.350	73	114	17	17	95	95	93	84	M6	2870	9170	1.8X2	42



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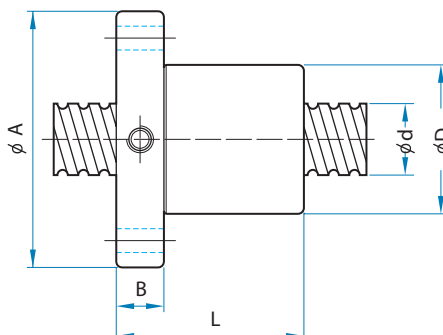
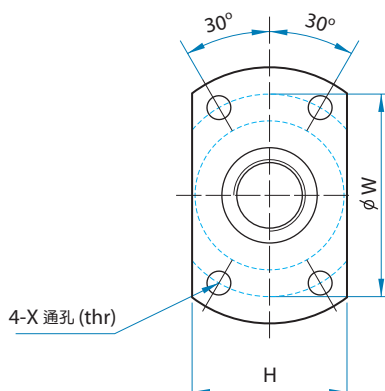
RICHLAND INTERNATIONAL LTD.

7F-2, No.842, Jing Kuo Rd., Taoyuan, Taiwan, R.O.C.

TEL: +886-3-3165828 FAX: +886-3-3165838

E-mail: hottrade@ms51.hinet.net

TYPE FSK



單位 (Unit) : mm

I: 導程 Lead				Da: 珠徑 Ball Dia.				n: 珠圈數 Num of Circuits							
Ca: 動額定負荷 Basic Dynamic Rating Load (Kgf)								Coa: 靜額定負荷 Basic Static Rating Load(Kgf)							
型 號	滾珠螺桿、螺帽之基準數據 Dimensions														
Model No.	d	l	Da	D	A	B	L	W	X	Type	H	Q	n	Ca	Coa
0601-3	6	1	0.8	12	24	3.5	15	18	3.4	-	16	-	3	73	121
0801-4	8	1	0.8	14	27	4	16	21	3.4	-	18	-	4	93	173
0802-3	8	2	1.2	14	29	4	16	23	3.4	-	18	-	3	135	225
082.5-3	8	2.5	1.2	16	29	4	26	23	3.4	-	20	-	3	177	278
1002-3	10	2	1.2	18	35	5	28	27	4.5	-	22	-	3	185	305
1004-3	10	4	2	26	46	10	34	36	4.5	-	28	-	3	395	590



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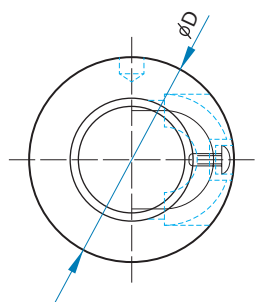
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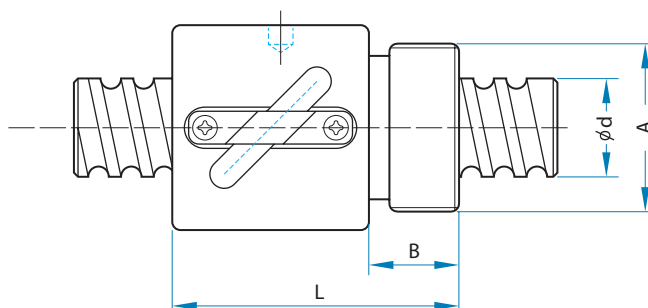
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E-mail: hottrade@ms51.hinet.net

TYPE RSW



(External circulation type)
外循環



單位 (Unit) : mm

d: 外徑 Screw O.D. l: 導程 Lead Da: 珠徑 Ball Dia. n: 珠圈數 Num of Circuits Ca: 動額定負荷 Basic Dynamic Rating Load (Kgf) Coa: 靜額定負荷 Basic Static Rating Load(Kgf)											
螺帽型號 Model No.	滾珠螺桿、螺帽之基準數據 Dimensions										
	d	l	Da	D	L	B	A	n	Ca	Coa	
8x2.5	8	2.5	1.200	17.5	23.5	7.5	M15x1P	2.5 x 1	151	232	
1003	10	3	1.800	21	29	9	M18x1P	2.5 x 1	235	357	
1204	12	4	2.381	25.5	34	10	M20x1P	3.5 x 1	425	738	
1205	12	5	2.000	25.5	39	10	M20x1P	3.5 x 1	662	1036	
1605	16	5	3.175	32.5	42	12	M26x1.5P	2.5 x 1	716	1230	



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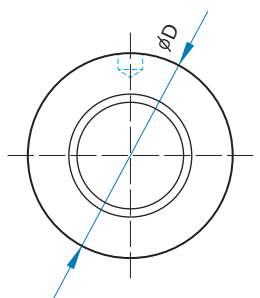
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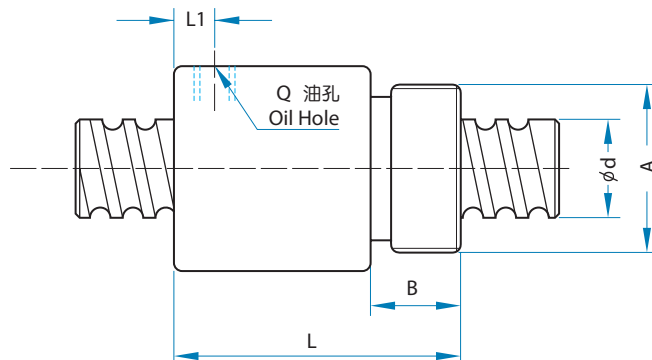
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TYPE **RSU** (DIN69051)



內循環
(Internal circulation type)



單位 (Unit) : **mm**

d: 外徑 Screw O.D. l: 導程 Lead Da: 珠徑 Ball Dia. n: 珠圈數 Num of Circuits Ca: 動額定負荷 Basic Dynamic Rating Load (Kgf) Coa: 靜額定負荷 Basic Static Rating Load(Kgf)												
螺帽型號 Model No.	滾珠螺桿、螺帽之基準數據 Dimensions											
	d	l	Da	D	L	B	A	L1	Q	n	Ca	Coa
1604-3	16	4	2.381	29	32	8	M22x1.5P	4	M5	1 x 4	491	952
1605-4		5	3.175	32	56	16	M30x1.5P	6.5	M6	1 x 4	780	1790
2005-4	20	5	3.175	38	59.5	16.5	M35x1.5P	7	M6	1 x 4	1130	2380
2505-4	25	5	3.175	42	60	17	M40x1.5P	7	M6	1 x 4	1280	3110
2510-4		10	4.762	42	90	17	M40x1.5P	10	M6	1 x 4	1944	3877
3205-4	32	5	3.175	52	60	19	M48x1.5P	7	M6	1 x 4	1450	4150
3210-4		10	6.350	52	93	19	M48x1.5P	12	M6	1 x 4	3390	7170
4005-4	40	5	3.175	58	59	19	M56x1.5P	6	M8	1 x 4	1610	5330
4010-4		10	6.350	65	102	27	M60x2P	12	M8	1 x 4	3910	9520
5010-4	50	10	6.350	78	104	29	M72x2P	12	M8	1 x 4	4450	12500



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