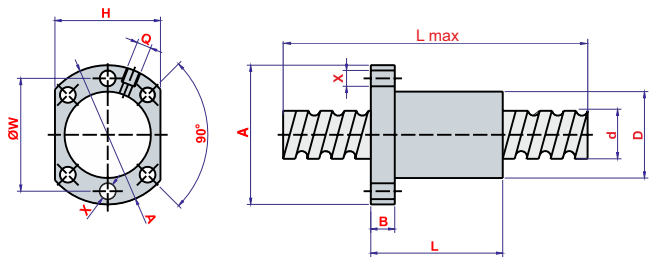
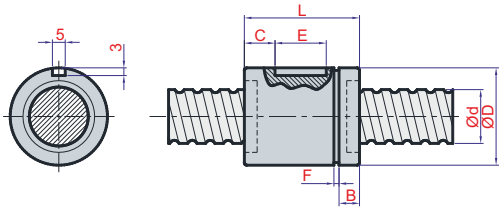
DKM-FSU



Flanged Nut	Right Teeth Ballscrew	Type	Product Name	A	X	H	W	B	L	d	D	Q	Loading Capacity (kgf)	
Code	Code												Dynamic	Static
4.001.01.1605.02	4.001.01.1605.03	1605 FSU	Ballscrew and Nut	48	5,5	40	38	10	43	16	28	M6	780	1790
4.001.01.2005.02	4.001.01.2005.03	2005 FSU	Ballscrew and Nut	58	6,6	44	47	10	43	20	36	M6	1100	2280
4.001.01.2505.02	4.001.01.2505.03	2505 FSU	Ballscrew and Nut	63	6,6	48	51	10	43	25	40	M6	1250	3070
4.001.01.2510.02	4.001.01.2510.03	2510 FSU	Ballscrew and Nut	63	6,6	48	51	10	54	25	40	M6	1944	3877
4.001.01.3205.02	4.001.01.3205.03	3205 FSU	Ballscrew and Nut	81	9	62	65	12	52	32	50	M6	1400	4080
4.001.01.3210.02	4.001.01.3210.03	3210 FSU	Ballscrew and Nut	81	9	62	65	14	90	32	50	M6	3390	7170
4.001.01.4010.02	4.001.01.4010.03	4010 FSU	Ballscrew and Nut	93	9	70	78	14	90	40	63	M6	3850	9470

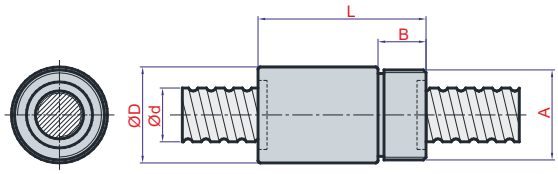
* L max length is 6000mm for right teeth trapezoidal ballscrew and nut

CYLINDIRICAL NUT (WITH KEY)



Code	Type	Product Name	d	D	L	B	F	C	E	Dynamic	Static
4.001.06.1605.02	**16-05 SCI**	Cylindirical nut (with key)	16	28	45,3	5,5	2	13	20	780	1.790
4.001.06.2005.02	**20-05 SCI**	Cylindirical nut (with key)	20	36	45,2	5,5	2	12,5	20	1.130	2.480
4.001.06.2505.02	**25-05 SCI**	Cylindirical nut (with key)	25	38	45,2	8	2	12,5	20	1.280	3.110

CYLINDIRICAL NUT (SCREW TYPE)

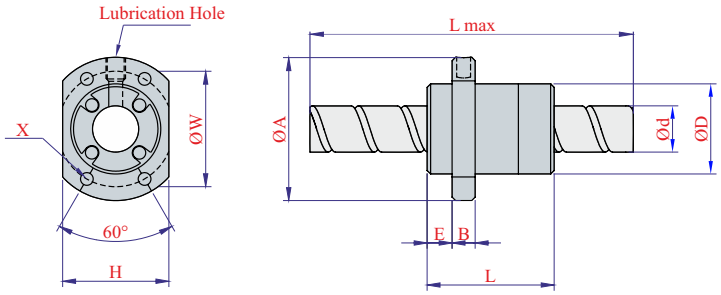


Code	Type	Product Name	d	D	L	B	A	Dynamic	Static
4.001.07.1605.02	**16-05 SCM**	Cylindirical nut (screw type	16	32	56	16	M30x1,5P	765	1.240
4.001.07.2005.02	**20-05 SCM**	Cylindirical nut (screw type	20	38	60	16,5	M35x1,5P	860	1.710
4.001.07.2505.02	**25-05 SCM**	Cylindirical nut (screw type	25	42	60	17	M40x1,5P	980	2.300

Prefered Using Areas

This design used in motion sytems which required precision positioning applications. Through its ball design, there is no wear in contionus operations and precision remains the same. This design fits to use various pitches. Velocity will be higher within higher pitch. When the length of the ballscrew be longer, rotational speed of ballscrew should not exceed the critical RPM. Maximum rotation speed should be chosen on the table according to length and diameter, design should be done based on this values.

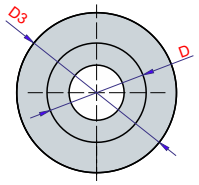
DKM-SFE
LONG PITCH
BALLSCREW
NUT

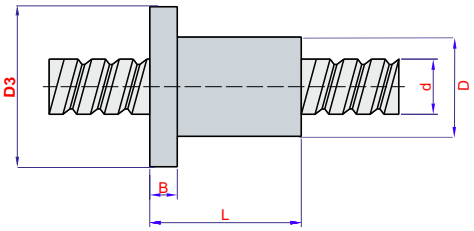


Long Pitch flanged nut	Long Pitch Ballscrew	Type	product name	Dimensions									Loading capacity (kgf)	
code	code			d	D	A	E	B	L	X	W	H	Dynamic	Static
4.001.01.1616.02	4.001.01.1616.03	DKM-1616-3 SFE	Long Pitch Ballscrew and Nut	16	32	53	10.5	10	45	4.5	42	34	650	1280
4.001.01.2020.02	4.001.01.2020.03	DKM-2020-3 SFE	Long Pitch Ballscrew and Nut	20	39	62	12	10	55	5.5	50	41	980	2140
4.001.01.2525.02	4.001.01.2525.03	DKM-2525-3 SFE	Long Pitch Ballscrew and Nut	25	47	74	13	12	57	6.6	60	49	1470	3350
4.001.01.3232.02	4.001.01.3232.03	DKM-3232-3 SFE	Long Pitch Ballscrew and Nut	32	58	92	14	15	82	9	74	68	2140	5260
4.001.01.4040.02	4.001.01.4040.03	DKM-4040-3 SFE	Long Pitch Ballscrew and Nut	40	73	114	19	15	100	11	93	75	3410	8820

✱ L max Maximum Length is 6000 mm.

TRAPEZOIDAL BALLSCREW AND FLANGED NUT





Trapezoidal Nut	Trapezoidal Ballscrew							
Code	Code	Type	Product Name	D3	B	L	d	D
4.002.01.1604.02	4.002.01.1604.03	16-04 FSU	Trapez Ballscrew	48	10	43	16	28
4.002.01.2004.02	4.002.01.2004.03	20-04 FSU	Trapez Ballscrew	58	10	43	20	36
4.002.01.2505.02	4.002.01.2505.03	25-04 FSU	Trapez Ballscrew	63	10	43	25	40
4.002.01.4006.02	4.002.01.4006.03	40-06 FSU	Trapez Ballscrew	90	14	70	40	60

✱ Rolled right turn trapezoidal ballscrew's max.length is 3000 mm.
Right turn trapeziodal Nuts

Prefered Using Areas

It is more durable through İt's rolled clean tooth surface. It is possible to use various pitches. Velocity will be higher within higher pitch. When the length of the ballscrew be longer, rotational speed of ballscrew should not exceed the critical RPM. Otherwise screw vibrates. Maximum rotation speed should be chosen on the table according to length and diameter, design should be done based on this values.