KROGLJIČNA NAVOJNA VRETENA IN MATICE
BALL SCREWS AND NUTS
4.005.0

STANDARDNE OBDELAVE
STANDARD END MACHINING
4.020.0

LEŽAJNE PODPORE
SUPPORT UNITS
4.030.0

TRAPEZNA NAVOJNA VRETENA IN MATICE
TRAPEZODIAL SCREWS AND NUTS
4.050.0

SKLOPKE
COUPLINGS
4.105.0

MEHASTE SKLOPKE
SERVO BELLOW COUPLINGS
4.110.0

PRIMER NAROČANJA / *HOW TO ORDER*

FSU	16	05	4	1000	C7	03BK15Z	05BF15Z

Oznaka tipa / *Type code*

S : enojna matica / *single nut*

F : s prirobnico / *with flange*

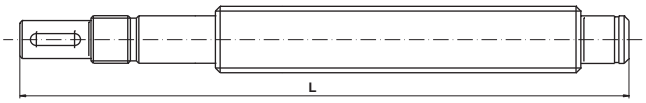
U : matica po DIN standardih / *DIN nut*
E : tip matice / *type nut*
K : tip matice / *type nut*

Premer vretena / *Shaft dia.* (mm)

Dvig navojnice / *Lead* (mm)

Število navojnic / *Number of turns*

Dolžina vretena L / *Length of shaft L* (mm)

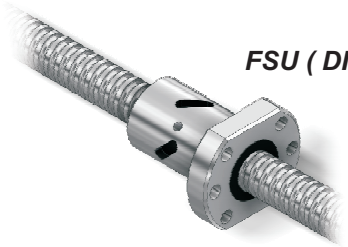


Razred točnosti / *Accuracy grade*

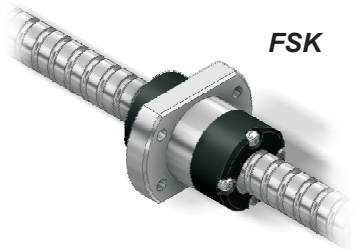
C3 - 8 µm/ 300mm - na zahtevo / *on request*
C5 - 18 µm/ 300mm - na zahtevo / *on request*
C7 - 50 µm/ 300mm - na zalogi / *on stock*

Obdelava vretena / *Shaft end machining*
Glej stran 3.025.0-3.030.0 / *Look at the page 3.025.0-3.030.0*

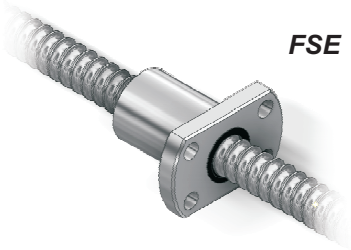
Obdelava vretena / *Shaft end machining*
Glej stran 3.025.0-3.030.0 / *Look at the page 3.025.0-3.030.0*



FSU (DIN 69051 FORM B)



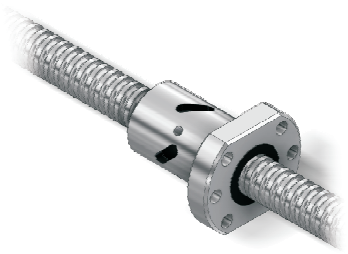
FSK

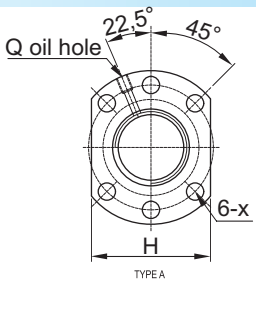


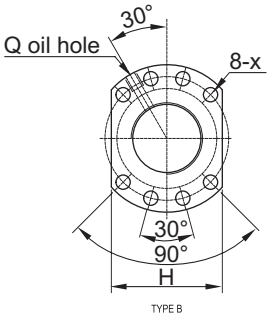
FSE

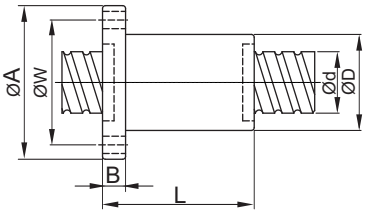
OPOZORILO: PRIDRŽUJEMO SI PRAVICO DO SPREMEMB BREZ PREHODNE NAJAVE
NOTICE: SUBJECT TO CHANGE WITHOUT NOTICE

FSU / FSE / FSK

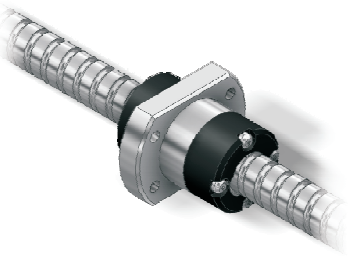


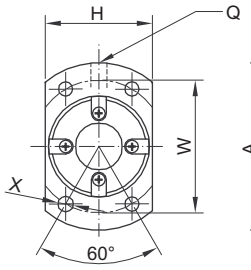


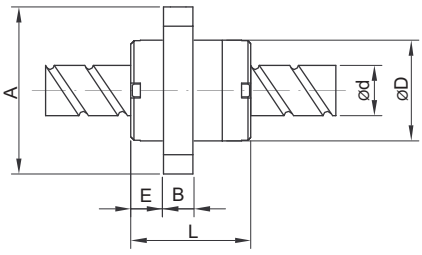




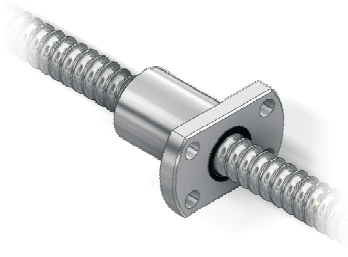
TIP *TYPE*	DIMENZIJE / *DIMENSIONS* (mm)															
	d	l	Da	D	A	B	L	W	X	H	Q	n	Ca	Coa	K	Tip / *Type*
FSU 1605 - 4	16	5	3,175	28	48	10	50	38	5,5	40	M6	T4	980	1650	23	A
FSU 1610 - 3	16	10	3,175	28	48	12	65	38	5,5	40	M6	T3	760	1238	18	A
FSU 2005 - 4	20	5	3,175	36	58	10	53	47	6,6	44	M6	T4	1100	2280	28	A
FSU 2505 - 4	25	5	3,175	40	62	10	53	51	6,6	48	M6	T4	1250	3070	33	A
FSU 2510 - 4	25	10	4,762	40	62	12	85	51	6,6	48	M6	T4	2070	4270	35	A
FSU 3205 - 4	32	5	3,175	50	80	12	53	65	9	62	M6	T4	1400	4080	41	A
FSU 3210 - 4	32	10	6,350	50	80	16	90	65	9	62	M6	T4	3340	7080	45	A
FSU 4005 - 4	40	5	3,175	63	93	16	56	78	9	70	M8	T4	1575	5290	49	B
FSU 4010 - 4	40	10	6,35	63	93	18	93	78	9	70	M8	T4	3850	9470	53	B

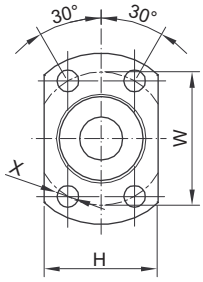


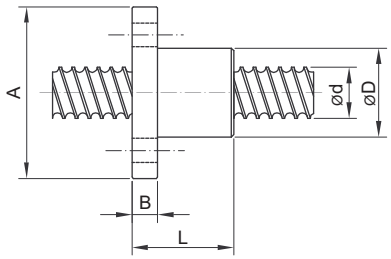




TIP *TYPE*	DIMENZIJE / *DIMENSIONS* (mm)														
	d	l	Da	D	A	E	B	L	W	X	H	Q	n	Ca	Coa	K
FSE 1616 - 2	16	16	3,175	32	53	10,5	10	48	42	4,5	38	M6	A2	700	1400	9
FSE 2020 - 2	20	20	3,175	39	62	10,8	10	55	50	5,5	46	M6	A2	1100	2500	21
FSE 2525 - 2	25	25	3,969	47	74	11,2	12	67	60	6,6	56	M6	A2	1650	3900	27







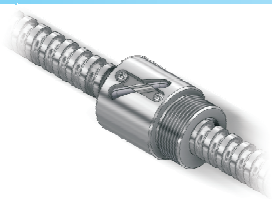
TIP *TYPE*	DIMENZIJE / *DIMENSIONS* (mm)													
	d	l	Da	D	A	B	L	W	X	H	Q	n	Ca	Coa
FSK 0802 - 3	8	2	1,2	16	29	4	16	23	3,4	20	-	T3	135	225
FSK 1002 - 3	10	2	1,2	18	35	5	28	27	4,5	22	-	T3	185	305
FSK 1004 - 3	10	4	2	26	46	10	34	36	4,5	28	-	t3	395	590

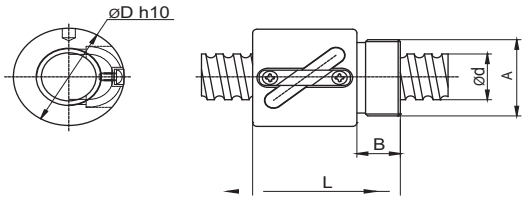
l : dvig navojnice / *lead* (mm)
n : število navojnic / *number of circuits*
Ca : dinamična nosilnost / *dynamic rating load* (Kgf)
Coa : statična nosilnost / *static rating load* (Kgf)

Glej zgoščenko “Izračuni in vzdrževanje“ ali obiščite našo spletno stran: www.hypex.si
Look at CD “Calculation and Maintenance“ or visit our web site: www.hypex.si

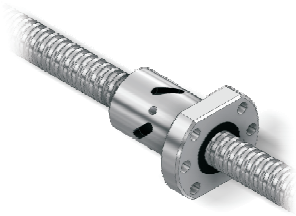
OPOZORILO: PRIDRŽUJEMO SI PRAVICO DO SPREMEMB BREZ PREDHODNE NAJAVE
NOTICE: SUBJECT TO CHANGE WITHOUT NOTICE

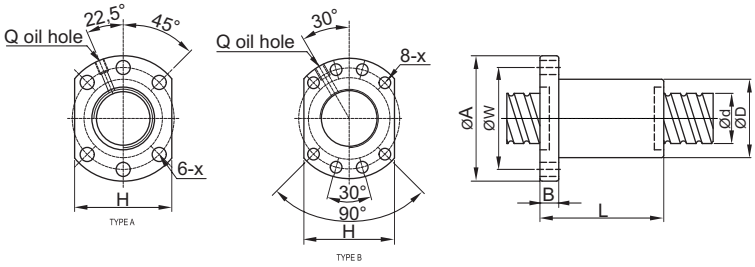
RSW / FSC / RSY



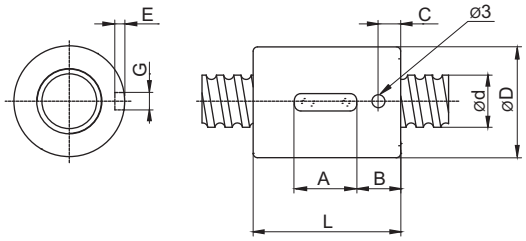


TIP *TYPE*	DIMENZIJE / *DIMENSIONS* (mm)									
	d	l	Da	D	A	B	L	n	Ca	Coa
RSW 1205	12	5	2,381	25,5	M20X1	10	34	3,5X1	425	738





TIP *TYPE*	DIMENZIJE / *DIMENSIONS* (mm)														
	d	l	Da	D	A	B	L	W	X	H	Q	n	Tip / *Type*	Ca	Coa
FSC 2505 - 4	25	5	3,175	40	62	10	53	51	6,6	48	M6	T4	A	1079	2494
FSC 3220 - 3	32	20	3,969	50	80	13	78	65	9	62	M6	T3	A	1461	3575
FSC 4020 - 3	40	20	5,556	63	93	15	83	78	9	70	M8	T3	B	2537	6204



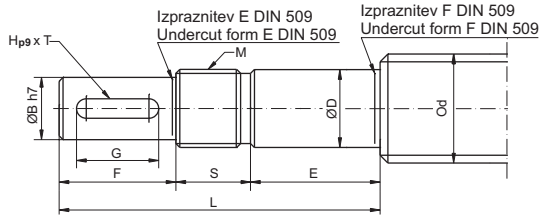
TIP *TYPE*	DIMENZIJE / *DIMENSIONS* (mm)									
	L	A	B	C	d	D	E	G	Ca	Coa
RSY 1210 - 2	40	12	14	5	12	24	1,5	3	390	466
RSY 1605 - 4	50	20	15	7	16	28	2	5	1344	1525
RSY 1610 - 3	45	20	12.5	7	16	28	2	5	1181	1496
RSY 1616 - 2	45	20	12.5	7	16	28	2	5	833	997
RSY 2005 - 4	53	20	16,5	7	20	36	2	5	1512	1995
RSY 2010 - 3	68	20	24	7	20	36	2	5	1621	1925
RSY 2020 - 2	55	20	17,5	7	20	36	2	5	1659	2464

OPOZORILO: PRIDRŽUJEMO SI PRAVICO DO SPREMEMB BREZ PREHODNE NAJAVE
NOTICE: SUBJECT TO CHANGE WITHOUT NOTICE

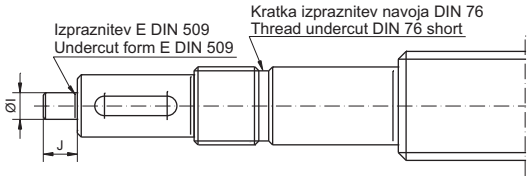
OBDELAVE - NEPREMIČNA STRAN / *END MACHINING - FIXED SIDE*

Oblika / *Form*

03

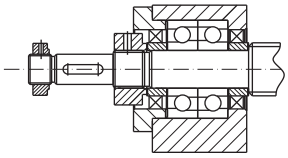


04

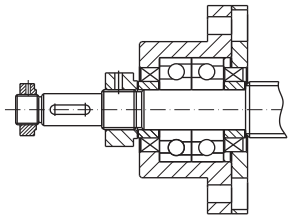


Aplikacija / *Application*

BK

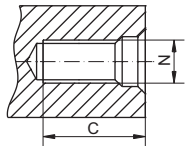


FK



Opcija / *Option*

Z — Samo za obliko 03 / *Form 03 only*



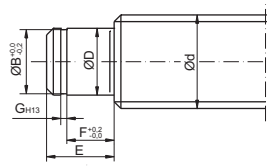
TIP *TYPE*	DIMENZIJE / *DIMENSIONS* (mm)														
	d	M	D	B	E	F	S	L	G	H_{p9}	T	I	J	N	C
BK 10	16	M10x1	$10^{-0.008}_{-0.015}$	8	20	20	16	56	14	2	1.2	4	10	-	-
BK 12	16/20	M12x1	$12^{-0.008}_{-0.017}$	10	22	23	14	59	16	3	1.8	4	10	-	-
BK 15	20	M15x1	$15^{-0.008}_{-0.017}$	12	28	30	12	70	20	4	2.5	6	15	M5	12
BK 17	25	M17x1	$17^{-0.008}_{-0.017}$	15	36	30	17	83	20	5	3	6	15	M5	12
BK 20	32	M20x1	$20^{-0.010}_{-0.020}$	17	38	30	15	83	20	5	3	6	15	M5	12
BK 25	40	M25x1.5	$25^{-0.010}_{-0.020}$	20	47	50	18	115	36	6	3.5	6	15	M6	16
BK 30	40	M30x1.5	$30^{-0.010}_{-0.020}$	25	47	60	25	132	45	8	4	6	15	M8	19

TIP *TYPE*	DIMENZIJE / *DIMENSIONS* (mm)														
	d	M	D	B	E	F	S	L	G	H_{p9}	T	I	J	N	C
EK 06	8	M6X0,75	$6^{-0.008}_{-0.015}$	4	20	8	8	36	-	-	-	4	10	-	-
EK 08	10/12	M8X1	$8^{-0.008}_{-0.015}$	6	22	9	10	41	6	2	1,2	4	10	-	-
FK 10	16	M10x1	$10^{-0.008}_{-0.015}$	8	25	20	11	56	14	2	1.2	4	10	-	-
FK 12	16/20	M12x1	$12^{-0.008}_{-0.017}$	10	25	23	11	59	16	3	1.8	4	10	-	-
FK 15	20	M15x1	$15^{-0.008}_{-0.017}$	12	34	30	13	77	20	4	2.5	6	15	M5	12
FK 17	25	M17x1	$17^{-0.008}_{-0.017}$	15	43	30	15	88	20	5	3	6	15	M5	12
FK 20	32	M20x1	$20^{-0.010}_{-0.020}$	17	45	30	17	92	20	5	3	6	15	M5	12
FK 25	40	M25x1.5	$25^{-0.010}_{-0.020}$	20	56	50	20	126	36	6	3.5	6	15	M6	16
FK 30	40	M30x1.5	$30^{-0.010}_{-0.020}$	25	47	60	25	132	45	8	4	6	15	M8	19

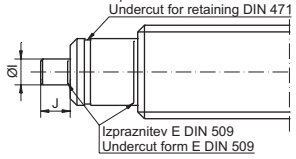
OBDELAVE - PREMIČNA STRAN / *END MACHINING - SUPPORTED SIDE*

Oblika / *Form*

05

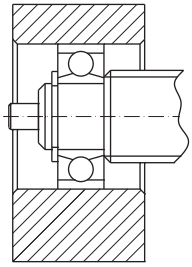


06

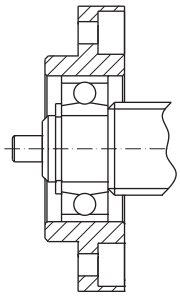


Aplikacija / *Application*

BF

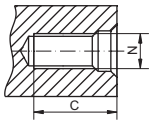


FF



Opcija / *Option*

Z — Samo za obliko 05 / *Form 05 only*

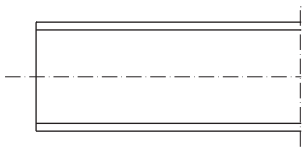


TIP *TYPE*	DIMENZIJE / *DIMENSIONS* (mm)									
	d	D	B	E	F	G_{H13}	I	J	N	C
EF 06	8	$6^{-0.008}_{-0.015}$	5,7	9	6,8	0,8	4	10	-	-
EF 08	10	$6^{-0.008}_{-0.015}$	5,7	9	6,8	0,8	4	10	-	-
BF/FF 10	16	$8^{-0.008}_{-0.015}$	7,6	10	7	1,1	4	10	-	-
BF/FF 12	16/20	$10^{-0.008}_{-0.015}$	9,6	11	8	1,1	4	10	M4	10
BF/FF 15	20	$15^{-0.008}_{-0.017}$	14,3	13	9	1,1	6	15	M5	12
BF/FF 17	25	$17^{-0.008}_{-0.017}$	16,2	16	12	1,1	6	15	M6	16
(BF)/FF 20	32	$20^{-0.010}_{-0.020}$	19	(16) / 19	(12) / 14	1,3	6	15	M6	16
BF/FF 25	40	$25^{-0.010}_{-0.020}$	23,9	20	15	1,3	6	15	M10	22
BF/FF 30	40	$30^{-0.010}_{-0.020}$	28,6	21	16	1,6	6	15	M10	22

BREZ OBDELAV - RAZREZ NA MERO / *WITHOUT MACHINING - CUT TO SIZE*

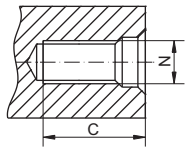
Oblika / *Form*

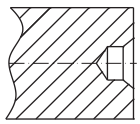
00



Opcija / *Option*

Z





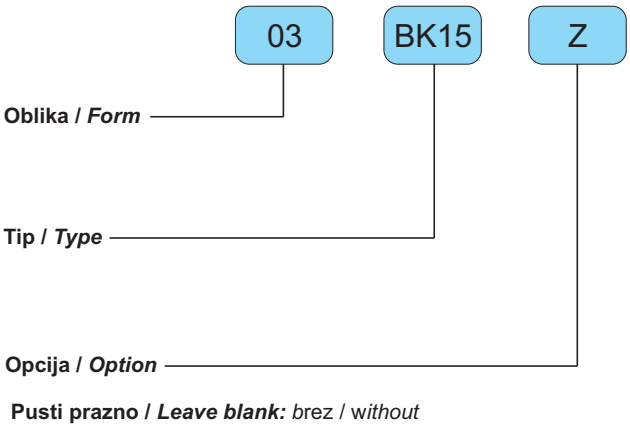
Standard

DIMENZIJE / *DIMENSIONS* (mm)

d	N	C
16	-	-
20	M5	12
25	M6	16
32	M6	16
40	M10	22

Ponujamo strojno obdelavo končnikov in ravnanje vreten po individualnih risbah kupcev.
We offer end machining and straightening of screws according to an individual customer`s drawing.

PRIMER NAROČANJA / *HOW TO ORDER*



Pusti prazno / *Leave blank:* brez / *without*

OPOZORILO: PRIDRŽUJEMO SI PRAVICO DO SPREMEMB BREZ PREHODNE NAJAVE
NOTICE: SUBJECT TO CHANGE WITHOUT NOTICE