

Kompaktni magnetni cilindar sa priborom Serija NSK



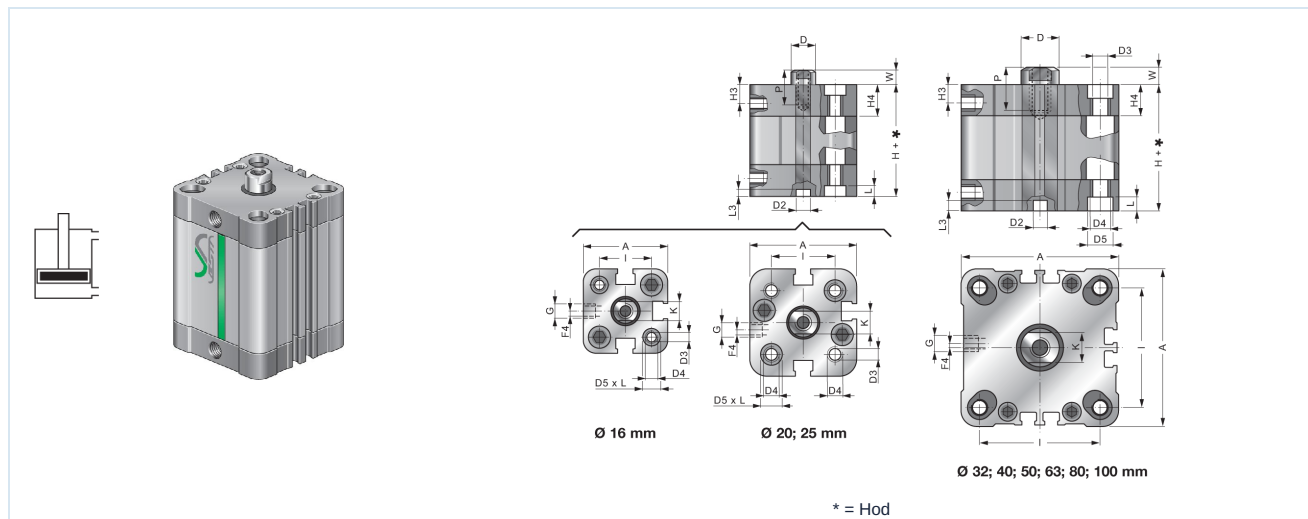
Konstrukcija	Kompaktni magnetni cilindar opciono prema UNITOP standardu odnosno ISO 21287
Glave	Visokopritisno livenje Legura aluminijuma
Klipnjača	Ø16 ÷ 25 Nerđajući čelik 1.4401, Ø32 ÷ 100 Nerđajući čelik 1.4021
Cilindarska cev	Aluminijumski profil tvrdo anodizirano
Zaptivke	Poliuretan
Graničnik	mehanički
Temperatura okoline	-20°C...+80°C (-25°C...+120°C za izvedbu Visokotemperaturni poliuretan kompletno)
Temperatura medijuma	0°C...+30°C
Podmazivanje	nije potrebno
Medij	filtrirani komprimovani vazduh
maksimalni radni pritisak	10bar
Napomena	CAD datoteke su dostupne u STASTO Store na www.stasto.eu Magnetni prekidač vidi poseban tehnički list

Ključ tipa

NSK	—	—	—	—	—
U	UNITOP	16 Ø16	Hod [mm]	F	Unutrašnji navoj
I	ISO 21287	20 Ø20		M	Spoljašnji navoj
		25 Ø25			SEA jednostrukog dejstva Prednja opruga
		32 Ø32			SEP jednostrukog dejstva Zadnja opruga
		40 Ø40			P kontinuirana klipnjača
					AR osigurano od uvrtnja
		50 Ø50			VS Visokotemperaturni poliuretan Zaptivka klipnjače
		63 Ø63			VV Visokotemperaturni poliuretan kompletno
		80 Ø80			
		100 Ø100			



NSK . - .. dvosmerno delujući



Ø	A	ØD	ØD2	ØD3	ØD4 UNITOP/ISO	ØD5 UNITOP/ISO	G	H3	H4	I UNITOP/ISO	K	L	L3	W UNITOP/ISO	F4	H UNITOP/ISO
16	29,2	8	6	3,3	M4	6	M5	7	12,8	18	6	3,5	2,2	4,5	0	38/37 (± 0,5)
20	37	10	6	4,2	M5	7,5	M5	7	12,3	22	8	4,2	2,5	4,5/6	4	38/37 (± 0,5)
25	41	10	6	4,2	M5	7,5	M5	7,5	13,5	26	8	4,2	2,5	5,5/6	3	39,5/39 (± 0,5)
32	49,2	12	6	5,2	M6	9	G1/8	7,5	15	32/32,5	10	4,5	2	6/7	0	44,5/44 (± 0,5)
40	57,2	12	6	5,2	M6	9	G1/8	7,5	15	42/38	10	4,2	2	6,5/7	0	45,5/45 (± 0,7)
50	67	16	8	6,7	M8	10,5	G1/8	7,5	14,6	50/46,5	13	4,7	2,5	7,58	0	45,5/45 (± 0,7)
63	80	16	8	6,7	M10/M8	13,5/10,5	G1/8	8	15,5	62/56,5	13	5,2	2,5	7,58	0	50/49 (± 0,8)
80	102,6	20	8	8,5	M10	13,5	G1/8	9	17	82/72	17	5,2	2,5	8/10	0	56/54 (± 0,8)
100	124	25	8	8,5	M10	13,5	G1/4	10	20	103/89	22	5,2	3	10	0	66,5/67 (± 1)

NSK . - .. P kontinuirana klipnjača

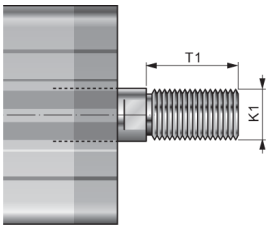
Ø	W UNITOP/ISO	H UNITOP/ISO
16	4,5	38/37 (± 0,5)
20	4,5/6	38/37 (± 0,5)
25	5,5/6	39,5/39 (± 0,5)
32	6/7	44,5/44 (± 0,5)
40	6,5/7	45,5/45 (± 0,7)
50	7,5/8	45,5/45 (± 0,7)
63	7,5/8	50/49 (± 0,8)
80	8/10	56/54 (± 0,8)
100	10	66,5/67 (± 1)

NSK . - F Klipnjača sa unutrašnjim navojem

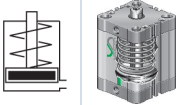
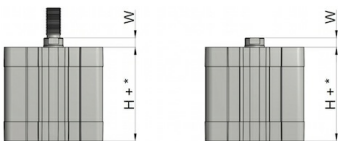
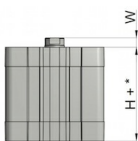
Ø	ØD1 UNITOP/ISO	P UNITOP/ISO
16	M4	8
20	M5/M6	10
25	M5/M6	10
32	M6/M8	12
40	M6/M8	12
50	M8/M10	12/16
63	M8/M10	14/16
80	M10/M12	15/20
100	M12	20



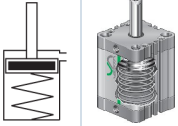
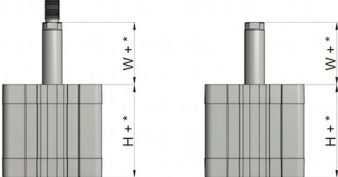
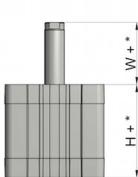
NSK . - M Klipnjača sa spoljnim navojem

	Ø	ØK1 UNITOP/ISO	T1 UNITOP/ISO
	16	M8x1,25/M6x1	20/12
	20	M10x1,25/M8x1,25	22/16
	25	M10x1,25/M8x1,25	22/16
	32	M10x1,25	22/19
	40	M10x1,25	22/19
	50	M12x1,25	24/22
	63	M12x1,25	24/22
	80	M16x1,5	32/28
	100	M20x1,5/M16x1,5	40/28

NSK . - .. SEA jednostrukog dejstva Prednja opruga

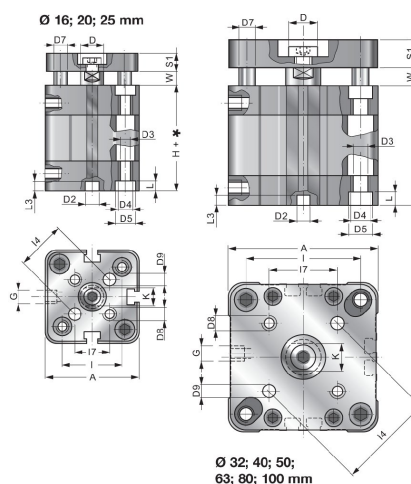
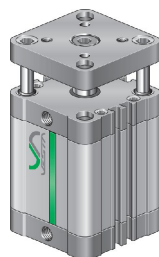
			Ø	Sila opruge [N]		H (Hod 0-25mm) UNITOP/ISO	H (Hod 26-50mm) UNITOP/ISO	W UNITOP/ISO
				maks.	min.			
			16	21	12	38/37 (± 0,5)	48/47 (± 0,5)	4,5
			20	39	22	38/37 (± 0,5)	48/47 (± 0,5)	4,5/6
			25	45	28	39,5/39 (± 0,5)	59,5/59 (± 0,5)	5,5/6
			32	45	28	44,5/44 (± 0,5)	64,5/64 (± 0,5)	6/7
			40	61	39	45,5/45 (± 0,7)	65,5/65 (± 0,7)	6,5/7
			50	90	58	45,5/45 (± 0,7)	65,5/65 (± 0,7)	7,5/8
			63	95	62	50/49 (± 0,8)	70/69 (± 0,8)	7,5/8
			80	150	115	56/54 (± 0,8)	86/84 (± 0,8)	8/10
			100	160	125	66,5/67 (± 1)	96,5/97 (± 1)	10

NSK . - .. SEP jednostrukog dejstva Zadnja opruga

			Ø	Sila opruge [N]		H (Hod 0-25mm) UNITOP/ISO	H (Hod 26-50mm) UNITOP/ISO	W UNITOP/ISO
				maks.	min.			
			16	21	12	38/37 (± 0,5)	48/47 (± 0,5)	4,5
			20	39	22	38/37 (± 0,5)	48/47 (± 0,5)	4,5/6
			25	45	28	39,5/39 (± 0,5)	59,5/59 (± 0,5)	5,5/6
			32	45	28	44,5/44 (± 0,5)	64,5/64 (± 0,5)	6/7
			40	61	39	45,5/45 (± 0,7)	65,5/65 (± 0,7)	6,5/7
			50	90	58	45,5/45 (± 0,7)	65,5/65 (± 0,7)	7,5/8
			63	95	62	50/49 (± 0,8)	70/69 (± 0,8)	7,5/8
			80	150	115	56/54 (± 0,8)	86/84 (± 0,8)	8/10
			100	160	125	66,5/67 (± 1)	96,5/97 (± 1)	10



NSK . - .. AR dvosmerno delujući osigurano od uvrtnja



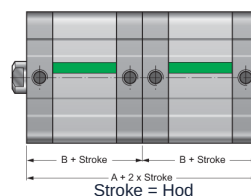
* = Hod

Ø	A	ØD	ØD2	ØD3 UNITOP/ISO	ØD4 UNITOP/ISO	ØD5 UNITOP/ISO	ØD7	ØD8	ØD9	G	I UNITOP/ISO	I4	I7	K	L	L3	S1	W UNITOP/ISO	H UNITOP/ISO
16	29,2	8	6	3,3	M4	6	5	M3	3	M5	18	14	9,9	6	3,5	2,2	6	4,5	38/37 (± 0,5)
20	37	10	6	4,2	M5	7,5	5	M4	4	M5	22	17	12	8	4,2	2,5	8	4,5/6	38/37 (± 0,5)
25	41	10	6	4,2	M5	7,5	6	M5	5	M5	26	22	15,6	8	4,2	2,5	8	5,5/6	39,5/39 (± 0,5)
32	49,2	12	6	5,2	M6	9	8	M5	5	G1/8	32/32,5	28	19,8	10	4,5	2	10	6/7	44,5/44 (± 0,5)
40	57,2	12	6	5,2	M6	9	10	M5	5	G1/8	42/38	33	23,3	10	4,2	2	10	6,5/7	45,5/45 (± 0,7)
50	67	16	8	6,7	M8	10,5	10	M6	6	G1/8	50/46,5	42	29,7	13	4,7	2,5	12	7,58	45,5/45 (± 0,7)
63	80	16	8	8,5/6,7	M10/M8	13,5/10,5	10	M6	6	G1/8	62/56,5	50	35,4	13	5,2	2,5	12	7,58	50/49 (± 0,8)
80	102,6	20	8	8,5	M10	13,5	14	M8	8	G1/8	82/72	65	46	17	5,2	2,5	14	8/10	56/54 (± 0,8)
100	124	25	8	8,5	M10	13,5	14	M10	10	G1/4	103/89	80	56,6	22	5,2	3	14	10	66,5/67 (± 1)

NSK ... TN2 ... Tandem



NSK	_	_ / _	TN2 P	M
	U UNITOP	Ø	Hod [mm]	F Unutrašnji navoj
	I ISO 21287			M Spoljašnji navoj

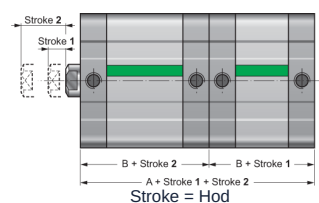


Ø	A	B
32	88,4	44,2
40	90,4	45,2
50	90,4	45,2
63	99	49,5
80	110	55
100	133,4	66,7

NSK ... BS ... Višepoložajni



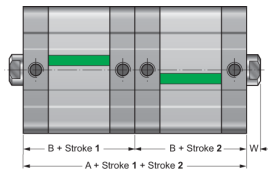
NSK	_	_ / _	BS	M
	U UNITOP	Ø	Hod1 [mm]	F Unutrašnji navoj
	I ISO 21287		Hod2 [mm]	M Spoljašnji navoj



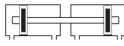
Ø	A	B
32	88,4	44,2
40	90,4	45,2
50	90,4	45,2
63	99	49,5
80	110	55
100	133,4	66,7



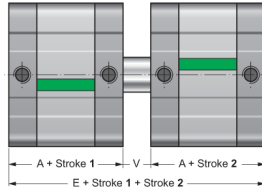
NSK ... CNP ... Višepoložajni na strani dna

							Ø	A	B																	
<table><tr><td>NSK</td><td>_</td><td>_ / _ -</td><td>_ _ _ CNP</td><td>M</td></tr><tr><td></td><td>U UNITOP</td><td>Ø</td><td>Hod1 [mm]</td><td>Hod2 [mm]</td><td>F Unutrašnji navoj</td></tr><tr><td></td><td>I ISO 21287</td><td></td><td></td><td></td><td>M Spoljašnji navoj</td></tr></table>					NSK	_	_ / _ -	_ _ _ CNP	M		U UNITOP	Ø	Hod1 [mm]	Hod2 [mm]	F Unutrašnji navoj		I ISO 21287				M Spoljašnji navoj			16	76	38
					NSK	_	_ / _ -	_ _ _ CNP	M																	
						U UNITOP	Ø	Hod1 [mm]	Hod2 [mm]	F Unutrašnji navoj																
						I ISO 21287				M Spoljašnji navoj																
							20	76	38																	
							25	79	39,5																	
							32	88,4	44,2																	
							40	90,4	45,2																	
							50	90,4	45,2																	
							63	99	49,5																	
		80	110	55																						
		100	133,4	66,7																						

NSK ... CNF ... Višepoložajni na strani klipnjače



NSK	_	_ / _ -	_ _ _ CNF
	U UNITOP	Ø	Hod1 [mm] Hod2 [mm]
	I ISO 21287		

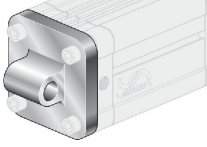
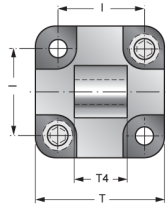
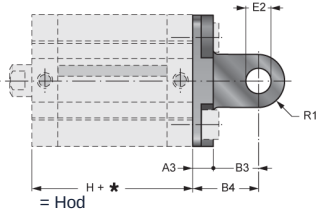


Stroke = Hod

Ø	E	A	V
16	85	38	9
20	85	38	9
25	90	39,5	11
32	100,4	44,2	12
40	103,4	45,2	13
50	104,4	45,2	15
63	114	49,5	15
80	126	55	16
100	153,4	66,7	20

Dodatna oprema

SKCM / .. Pričvršćenje pomoću ušica UNITOP

										
Ø	A3	B3	B4	E2	H	I	R1	T	T4	Tip
16	6	10	16	6	38	18	6	27	12	SKCM/16
20	6	14	20	8	38	22	8	34	16	SKCM/20
25	6	14	20	8	39,5	26	8	638	16	SKCM/25

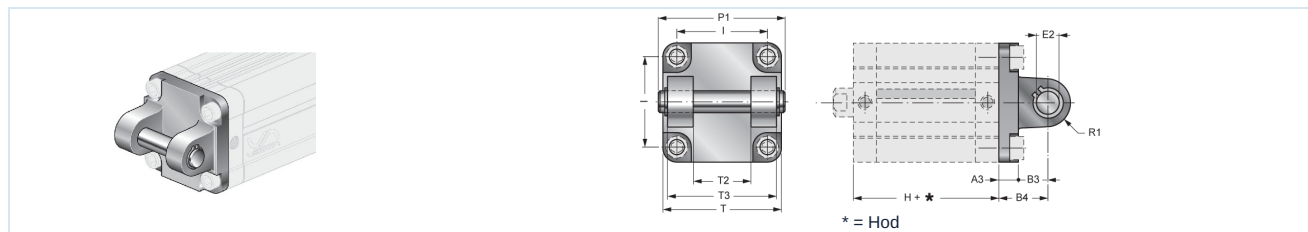
XCM / .. Pričvršćenje pomoću ušica ISO 15552

* = Hod

Ø	A2	ØJ	M	V1	W	Tip
32	73	10	47	26	22	XCM/32
40	77	12	54	28	25	XCM/40
50	80	12	66	32	27	XCM/50
63	89	16	78	40	32	XCM/63
80	100	16	98	50	36	XCM/80
100	118	20	115	60	41	XCM/100

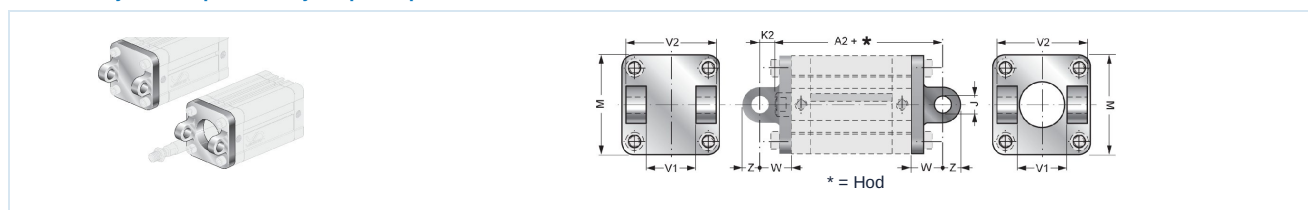


SKCF / .. Viljuškasto pričvršćenje UNITOP



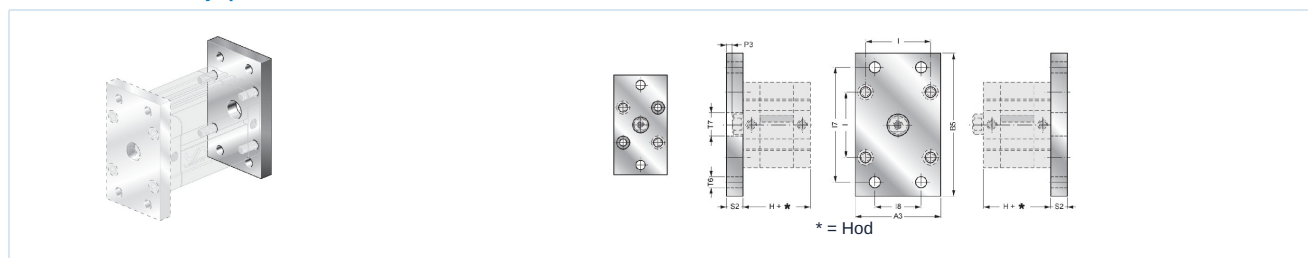
Ø	A3	B3	B4	E2	H	I	P1	R1	T	T2	T3	Tip
32	9	13	22	10	44,5	32	53	10	48	26	45	SKCF/32
40	9	16	25	12	45,5	42	60	12,5	58	28	52	SKCF/40
50	11	16	27	12	45,5	50	68	12,5	66	32	60	SKCF/50
63	11	21	32	16	50	62	78	15	83	40	70	SKCF/63
80	13	23	36	16	56	82	98	15	102	50	90	SKCF/80
100	15	26	41	20	66,5	103	118	20	123	60	110	SKCF/100

XCF / .. Viljuškasto pričvršćenje napred i pozadi ISO 15552



Ø	A2	ØJ	K2	M	V1	V2	W	Z	Tip napred	Tip pozadi
32	73	10	15	45	26	45	22	11	XCFA/32	XCF/32
40	77	12	18	52	28	52	25	13	XCFA/40	XCF/40
50	80	12	19	65	32	60	27	13	XCFA/50	XCF/50
63	89	16	24	75	40	70	32	17	XCFA/63	XCF/63
80	100	16	26	95	50	90	36	17	XCFA/80	XCF/80
100	118	20	31	115	60	110	41	21	XCFA/100	XCF/100

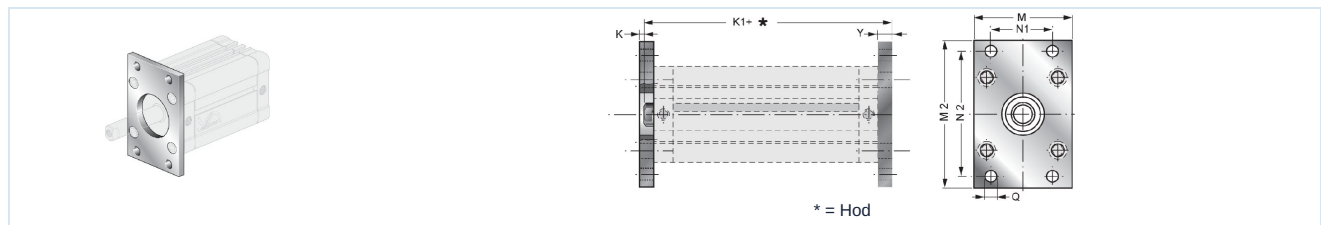
SKFL / .. Pričvršćenje prirubnicom UNITOP



Ø	A3	B5	H	I	I7	I8	P3	S2	T6	T7	Tip
16	29	55	38	18	43	-	5,5	10	5,5	10	SKFL/16
20	36	70	38	22	55	-	5,5	10	6,5	12	SKFL/20
25	40	76	39,5	26	60	-	4,5	10	6,5	12	SKFL/25
32	50	80	44,5	32	65	32	4	10	7	14	SKFL/32
40	60	102	45,5	42	82	36	3,5	10	9	14	SKFL/40
50	68	110	45,5	50	90	45	4,5	12	9	18	SKFL/50
63	87	130	50	62	110	50	7,5	15	9	18	SKFL/63
80	107	160	56	82	135	63	7	15	12	23	SKFL/80
100	128	190	66,5	103	163	75	5	15	14	28	SKFL/100

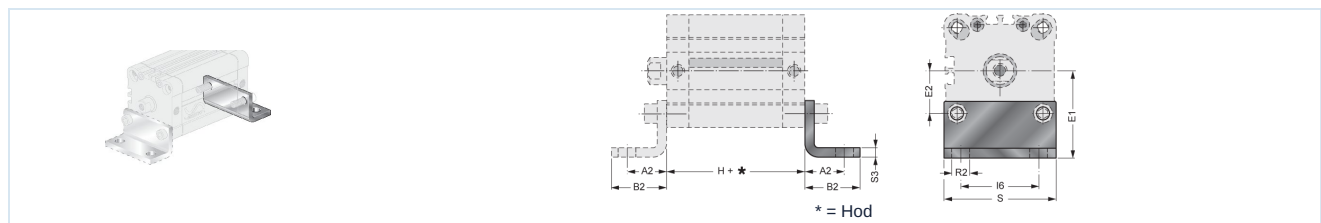


XFL / .. Pričvršćenje prirubnicom ISO 15552



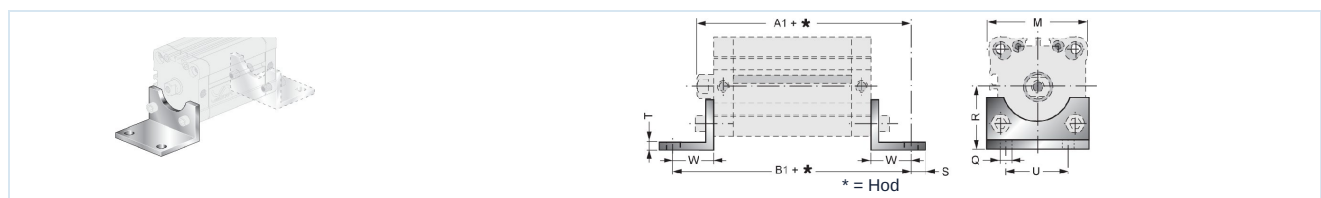
Ø	K	K1	M	M2	N1	N2	ØQ	Y	Tip
32	3	61	45	80	32	64	7	10	XFL/32
40	3	62	52	90	36	72	9	10	XFL/40
50	4	65	65	110	45	90	9	12	XFL/50
63	4	69	75	120	50	100	9	12	XFL/63
80	6	80	95	150	63	126	12	16	XFL/80
100	6	93	115	170	75	150	14	16	XFL/100

SKP / .. Nožna montaža UNITOP



Ø	A2	B2	E1	E2	H	I6	R2	S	S3	Tip
16	13	17,5	22	9	38	18	5,5	30	3	SKP/16
20	16	22	27	11	38	22	6,5	36	4	SKP/20
25	16	22	30	13	39,5	26	6,5	40	4	SKP/25
32	18	26	32	16	44,5	32	6,5	50	5	SKP/32
40	20	28	42,5	21	45,5	42	9	60	5	SKP/40
50	24	32	47	25	45,5	50	9	68	6	SKP/50
63	27	39	59,5	31	50	62	11	84	6	SKP/63
80	30	42	65,5	41	56	82	11	102	8	SKP/80
100	33	45	78	51,5	66,5	103	13,5	123	8	SKP/100

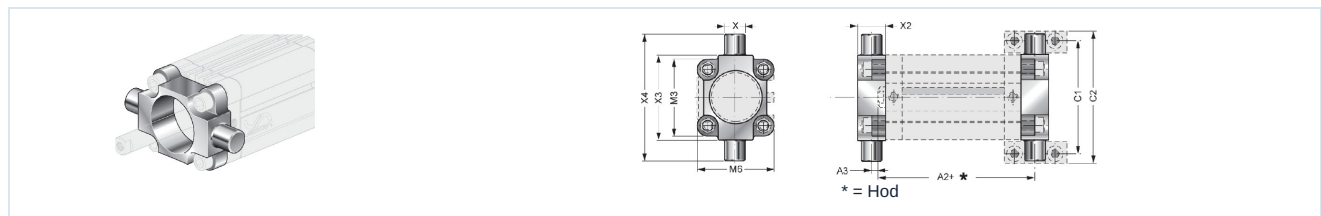
XP / .. Nožna montaža ISO 15552



Ø	A1	B1	M	ØQ	R	S	T	U	W	Tip
32	75	92	45	7	32	11	4	32	24	XP/32
40	80	101	52	9	36	15	4	36	28	XP/40
50	85	109	65	9	45	15	5	45	32	XP/50
63	89	113	75	9	50	15	5	50	32	XP/63
80	105	136	95	12	63	20	6	63	41	XP/80
100	118	149	115	14	71	25	6	75	41	XP/100

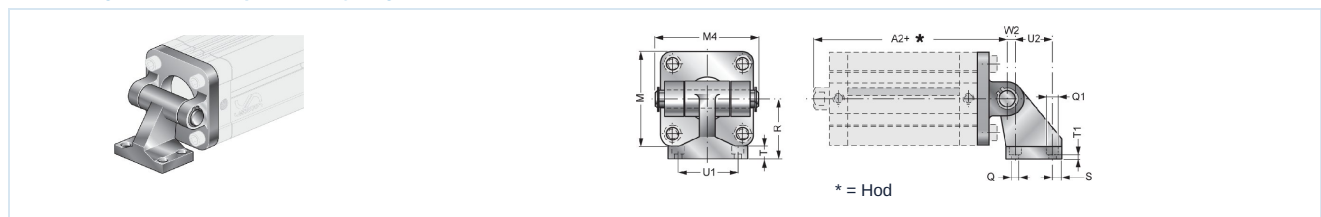


XCBF/ .. Okretno pričvršćenje ISO 15552



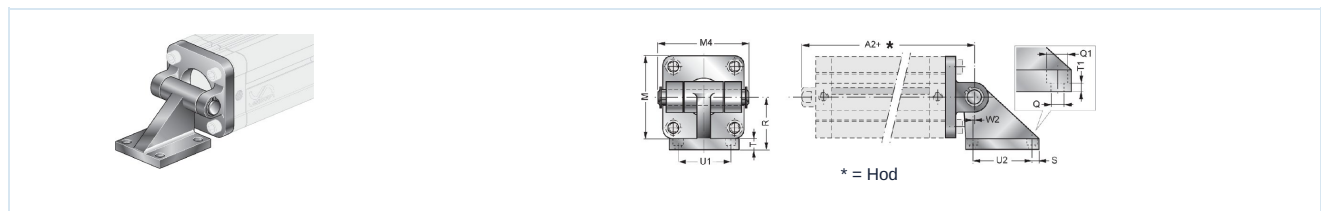
Ø	A2	A3	C1	C2	M3	M6	X e9	X2	X3	X4	Tip
32	58,5	0,5	71	86	45	45	12	15	50	74	XCBF/32
40	62	3	87	105	54	54	16	20	63	95	XCBF/40
50	63	2	99	117	64	64	16	20	75	107	XCBF/50
63	69,5	4,5	16	136	75	75	20	25	90	130	XCBF/63
80	76,5	2,5	36	156	93	93	20	25	110	150	XCBF/80
100	92	5	64	189	110	110	25	30	132	182	XCBF/100

XAS/ .. Ugaona okretna pričvršćenja lagano CETOP RP107P ISO



Ø	A2	M	M4	ØQ	ØQ1	R	S	T	T1	U1	U2	W2	Tip
32	73	45	54	7	11	32	6,5	8	6,5	38	18	3	XAS/32
40	77	52	63	7	11	36	6,5	10	8,5	41	22	2	XAS/40
50	80	65	71	9	15	45	7,5	12	10,5	50	30	3	XAS/50
63	89	75	81	9	15	50	7,5	14	12,5	52	35	2	XAS/63
80	100	95	101	11	18	63	10	14	11,5	66	40	7	XAS/80
100	118	115	123	11	18	71	10	17	14,5	76	50	5	XAS/100

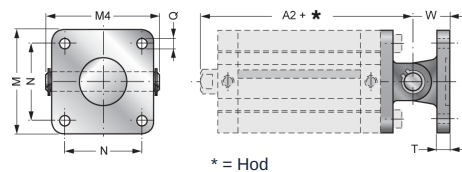
XASV/ .. Ugaona okretna pričvršćenja teško ISO



Ø	A2	M	M4	ØQ	ØQ1	R	S	T	T1	U1	U2	W2	Tip
32	73	45	54	7	11	32	8	10	5	32,5	32,5	0	XASV/32
40	77	52	63	7	11	36	8,5	10	5	38	38	0	XASV/40
50	80	65	71	9	15	45	10	12	5	46,5	46,5	0	XASV/50
63	89	75	81	9	15	50	10	12	5	56,5	56,5	0	XASV/63
80	100	95	101	11	18	63	12,5	14	6	72	72	0	XASV/80
100	118	115	123	11	18	73	13	16	6	89	89	0	XASV/100

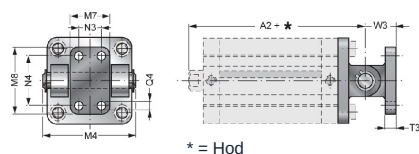
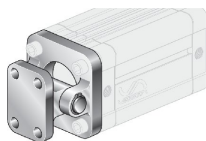


XANL/ .. Okretno pričvršćenje ISO



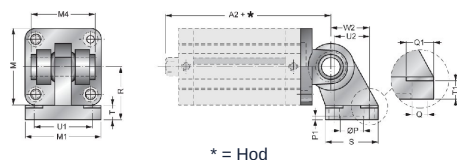
Ø	A2	M	M4	N	ØQ	T	W	Tip
32	73	45	54	32,5	7	10	22	XANL/32
40	77	52	63	38	7	10	25	XANL/40
50	80	65	71	46,5	9	12	27	XANL/50
63	89	75	81	56,5	9	12	32	XANL/63
80	100	95	101	72	11	16	36	XANL/80
100	118	115	123	89	11	16	41	XANL/100

XANN/ .. Okretno pričvršćenje ISO



Ø	A2	M4	M7	M8	N3	N4	ØQ4	T3	W3	Tip
32	73	54	25	40	-	28	7	8	18	XANN/32
40	77	63	28	52	16	38	9	10	26	XANN/40
50	80	71	32	52	16	38	9	10	26	XANN/50
63	89	81	40	75	25	54	11	12	34	XANN/63
80	100	101	50	75	25	54	11	12	34	XANN/80
100	118	123	60	115	32	90	14	16	41	XANN/100

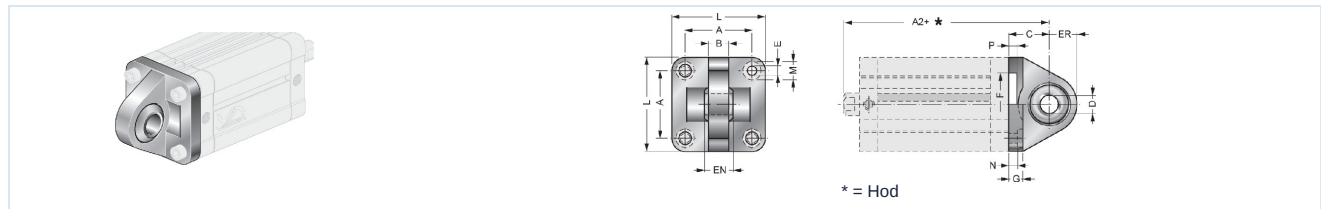
XAS-SN/ .. Ugaona okretna pričvršćenja sferno ISO



Ø	A2	M	M1	41	ØP	P1	ØQ	ØQ1	R	S	T	T1	U1	U2	W2	Tip
32	73	45	51	41	20	3	6,6	11	32	31	10	8,5	38	18	21	XAS-SN/32
40	77	52	54	48	20	3	6,6	11	26	35	10	8,5	41	22	24	XAS-SN/40
50	80	65	65	54	20	3	9	15	45	45	12	10,5	50	30	33	XAS-SN/50
63	89	75	67	69	20	3	9	15	50	50	12	10,5	52	35	37	XAS-SN/63
80	100	95	86	75	20	3	11	18	63	60	14	11,5	66	40	47	XAS-SN/80
100	118	115	96	85	20	3	11	18	71	70	15	12,5	76	50	55	XAS-SN/100

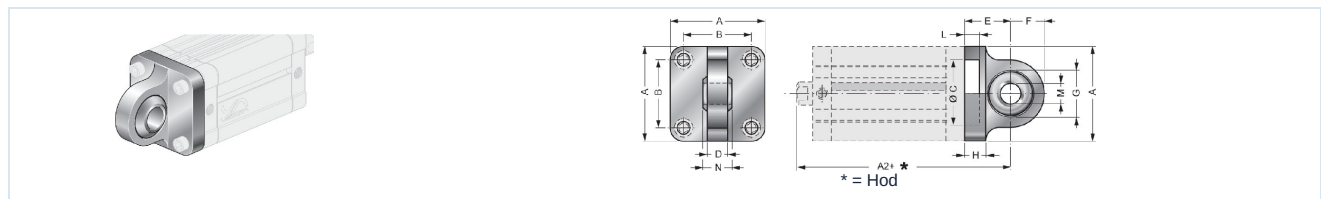


XCM-SN-AC/ .. Ušica sa sfernim ležajem, Čelik ISO



Ø	A2	A	B	C	D	EN	ER	F	G	E	L	M	N	P	Tip
32	73	32,5	10,5	22	10	14	15	30	10	6,6	45	10,5	5,5	5	XCM-SN-AC/32
40	77	38	12	25	12	16	18	35	10	6,6	55	11	5,5	5	XCM-SN-AC/40
50	80	46,5	15	27	16	21	20	40	10	9	65	15	6,5	5	XCM-SN-AC/50
63	89	56,5	15	32	16	21	23	45	12	9	75	15	6,5	5	XCM-SN-AC/63
80	100	72	18	36	20	25	27	45	14	11	95	18	10	5	XCM-SN-AC/80
100	118	89	18	41	20	25	30	55	16	11	115	18	10	5	XCM-SN-AC/100

XCM-SN-AL/ .. Ušica sa sfernim ležajem, Aluminij ISO



Ø	A2	A	B	C	D	E	F	G	H	L	ØM	N	Tip
32	73	45	32,5	30	10	22	16	22	10	7	10	14	XCM-SN-AL/32
40	77	52	38	35	12	25	19	26	10	7	12	16	XCM-SN-AL/40
50	80	65	46,5	40	12	27	19	26	12	7	16	21	XCM-SN-AL/50
63	89	75	56,5	45	15	32	24	32	12	7	16	21	XCM-SN-AL/63
80	100	95	72	45	15	36	24	32	16	9	20	25	XCM-SN-AL/80
100	118	115	89	55	18	41	30	40	16	9	20	25	XCM-SN-AL/100

USC/ .. Poprečni klin

Ø	A	B f7	Tip
32	54	10	USC/32
40	63	12	USC/40
50	71	12	USC/50
63	81	16	USC/63
80	101	16	USC/80
100	123	20	USC/100

Ilustracije nisu obavezujuće
Zadržavamo pravo na konstruktivne, dimenzione i promene materijala.

Pneumatika / Pneumatski cilindri / Kompaktni cilindri sa priborom

