

Cilindro magnetico compatto con accessori Serie NSK



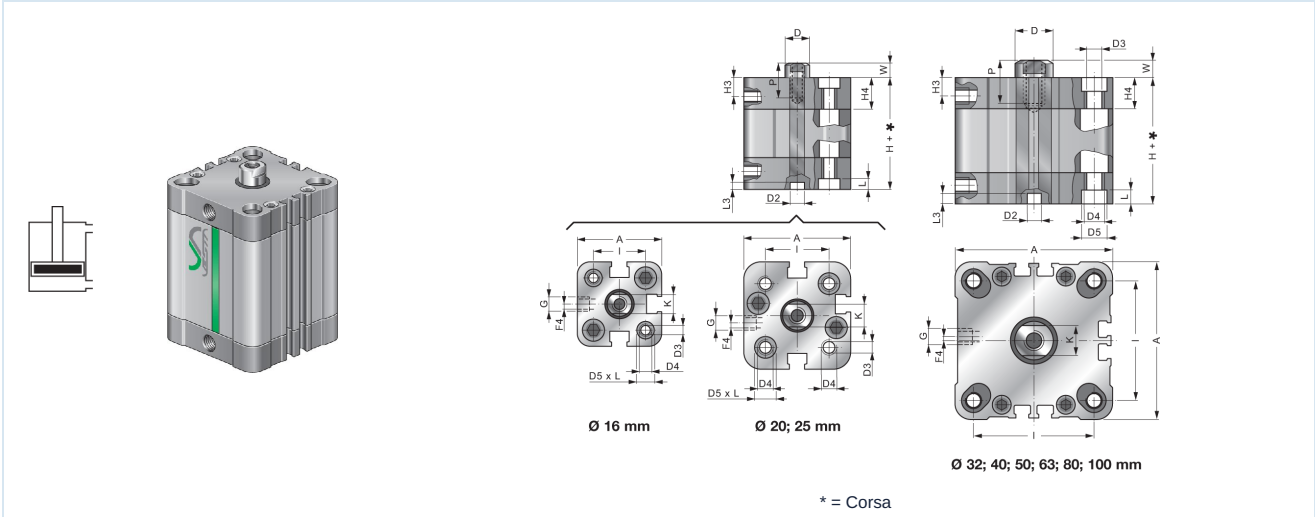
Tipo di costruzione	Cilindro compatto a solenoide a scelta secondo standard UNITOP oppure ISO 21287
Testate	Pressofusione ad alta pressione Lega di alluminio
Stelo pistone	Ø16 ÷ 25 Acciaio inox 1.4401, Ø32 ÷ 100 Acciaio inox 1.4021
Tubo cilindro	Profilo in alluminio anodizzato duro
Guarnizioni	Poliuretano
Battuta	meccanico
Temperatura ambiente	-20°C...+80°C (-25°C...+120°C per versione Poliuretano per alte temperature completo)
Temperatura del fluido	0°C...+30°C
Lubrificazione	non necessario
Fluido	aria compressa filtrata
pressione massima di esercizio	10bar
Nota	I file CAD sono disponibili nello STASTO Store su www.stasto.eu Interruttore magnetico vedi scheda tecnica separata

Codice di tipo

NSK	—	—	—	—	—	—	—	—
U	UNITOP	16	Ø16	Corsa [mm]	F	Filettatura interna	doppio effetto	
I	ISO 21287	20	Ø20		M	Filettatura maschio esterna	SEA a semplice effetto Molla anteriore	
		25	Ø25				SEP a semplice effetto Molla posteriore	
		32	Ø32				P stelo pistone passante	
		40	Ø40				AR antirotazione	
		50	Ø50				VS Poliuretano per alte temperature Guarnizione stelo pistone	
		63	Ø63				VV Poliuretano per alte temperature completo	
		80	Ø80					
		100	Ø100					

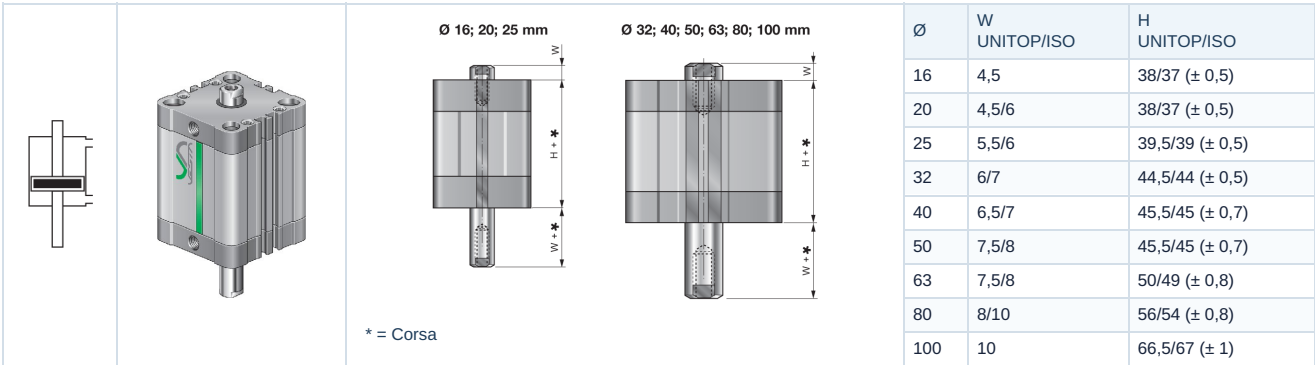


NSK . - .. doppio effetto

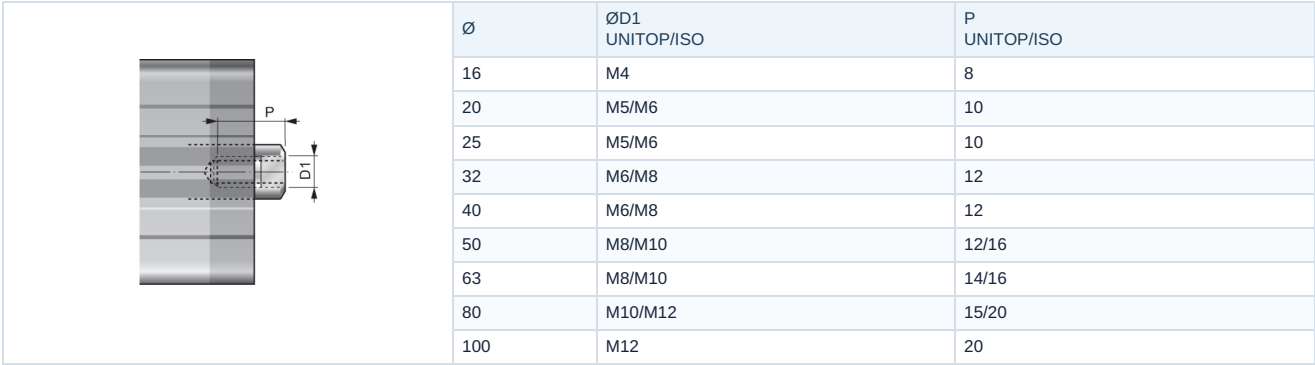


Ø	A	ØD	ØD2	ØD3	ØD4 UNITOP/ISO	ØD5 UNITOP/ISO	G	H3	H4	I UNITOP/ISO	K	L	L3	W UNITOP/ISO	F4	H UNITOP/ISO
16	29,2	8	6	3,3	M4	6	M5	7	12,8	18	6	3,5	2,2	4,5	0	38/37 (± 0,5)
20	37	10	6	4,2	M5	7,5	M5	7	12,3	22	8	4,2	2,5	4,5/6	4	38/37 (± 0,5)
25	41	10	6	4,2	M5	7,5	M5	7,5	13,5	26	8	4,2	2,5	5,5/6	3	39,5/39 (± 0,5)
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)

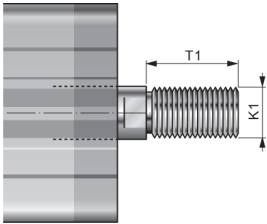
NSK . - .. P stelo pistone passante



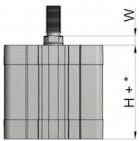
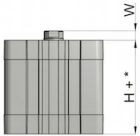
NSK . - F Stelo pistone con filettatura interna



NSK . - M Stelo pistone con filettatura esterna

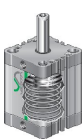
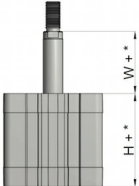
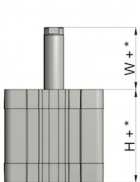
	Ø	ØK1 UNITOP/ISO	T1 UNITOP/ISO
	16	M8x1,25/M6x1	20/12
	20	M10x1,25/M8x1,25	22/16
	25	M10x1,25/M8x1,25	22/16
	32	M10x1,25	22/19
	40	M10x1,25	22/19
	50	M12x1,25	24/22
	63	M12x1,25	24/22
	80	M16x1,5	32/28
	100	M20x1,5/M16x1,5	40/28

NSK . - .. SEA a semplice effetto Molla anteriore

   	Ø	Forza della molla [N]		H (Corsa 0-25mm) UNITOP/ISO	H (Corsa 26-50mm) UNITOP/ISO	W UNITOP/ISO
		max.	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

* = Corsa

NSK . - .. SEP a semplice effetto Molla posteriore

   	Ø	Forza della molla [N]		H (Corsa 0-25mm) UNITOP/ISO	H (Corsa 26-50mm) UNITOP/ISO	W UNITOP/ISO
		max.	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

* = Corsa



Ø 16; 20; 25 mm

**Ø 32; 40; 50;
63; 80; 100 mm**

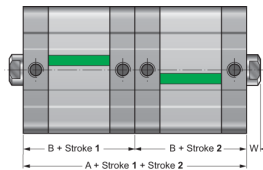
* = Corsa

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 P	M			
	U UNITOP	Ø	Corsa [mm]	F Filettatura interna			
	I ISO 21287			M Filettatura maschio esterna			

NSK	_	__ /	___ -	___ BS	M		Ø	A	B
	U UNITOP	Ø	Corsa1 [mm]	Corsa2 [mm]	F Filettatura interna		32	88,4	44,2
	I ISO 21287				M Filettatura maschio esterna		40	90,4	45,2
							50	90,4	45,2
							63	99	49,5
							80	110	55
							100	133,4	66,7

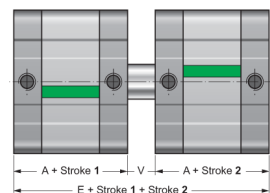
NSK ... CNP ... Multiposizione lato fondo corpo

						 Stroke = Corsa	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>Corsa1 [mm]</td><td>Corsa2 [mm]</td><td>F Filettatura interna</td></tr><tr><td></td><td>I ISO 21287</td><td></td><td></td><td></td><td>M Filettatura maschio esterna</td></tr></table>							NSK	_	_ / _ -	_ _ _ CNP	M		U UNITOP	Ø	Corsa1 [mm]	Corsa2 [mm]	F Filettatura interna		I ISO 21287				M Filettatura maschio esterna	16	76	38
							NSK	_	_ / _ -	_ _ _ CNP	M															
								U UNITOP	Ø	Corsa1 [mm]	Corsa2 [mm]	F Filettatura interna														
								I ISO 21287				M Filettatura maschio esterna														
							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 ... Multiposizione lato stelo pistone

				
NSK	_	_ / _ -	_ _ _ CNF	
	U UNITOP	Ø	Corsa1 [mm]	Corsa2 [mm]
	I ISO 21287			

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



A + Stroke 1

V

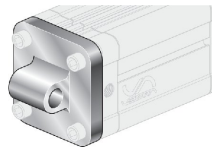
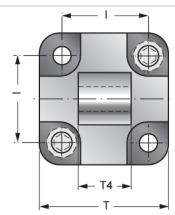
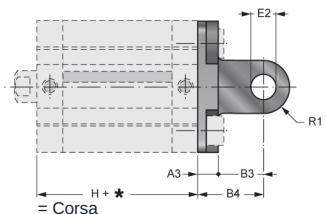
A + Stroke 2

E + Stroke 1 + Stroke 2

Stroke = Corsa

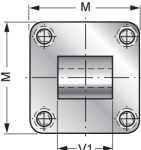
Accessori

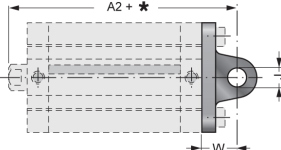
SKCM / .. Fissaggio con linguette UNITOP

										
Ø	A3	B3	B4	E2	H	I	R1	T	T4	Tipo
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 / .. Fissaggio con linguette ISO 15552





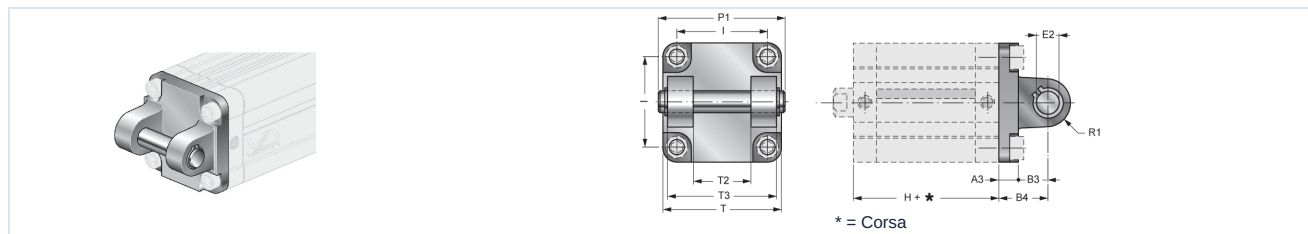


* = Corsa

Ø	A2	ØJ	M	V1	W	Tipo
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

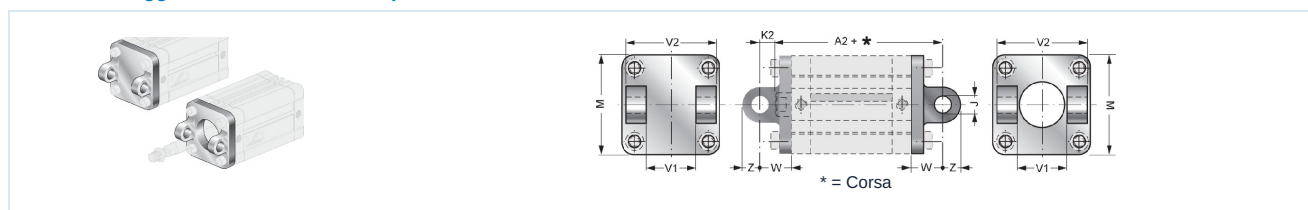


SKCF / .. Fissaggio a forcella UNITOP



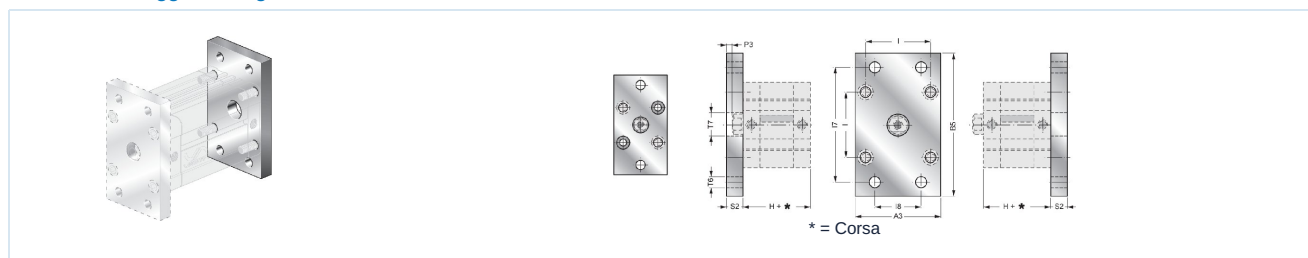
Ø	A3	B3	B4	E2	H	I	P1	R1	T	T2	T3	Tipo
32	9	13	22	10	44,5	32	53	10	48	26	45	SKCF/32
40	9	16	25	12	45,5	42	60	12,5	58	28	52	SKCF/40
50	11	16	27	12	45,5	50	68	12,5	66	32	60	SKCF/50
63	11	21	32	16	50	62	78	15	83	40	70	SKCF/63
80	13	23	36	16	56	82	98	15	102	50	90	SKCF/80
100	15	26	41	20	66,5	103	118	20	123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

XCF / .. Fissaggio a forcella anteriore e posteriore ISO 15552



Ø	A2	ØJ	K2	M	V1	V2	W	Z	Tipo anteriore	Tipo posteriore
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

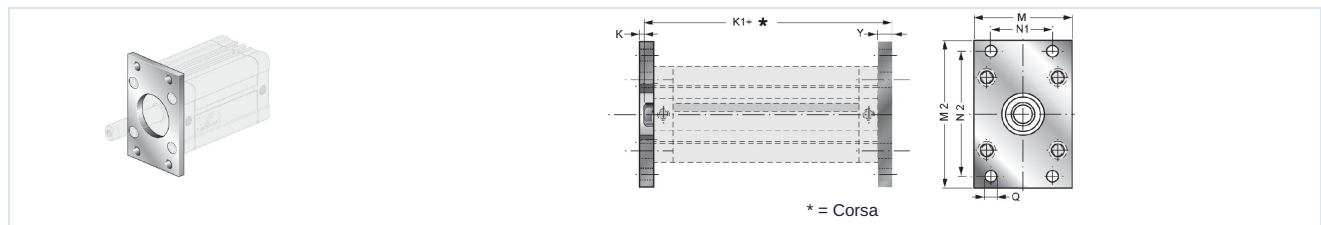
SKFL / .. Fissaggio a flangia UNITOP



Ø	A3	B5	H	I	I7	I8	P3	S2	T6	T7	Tipo
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

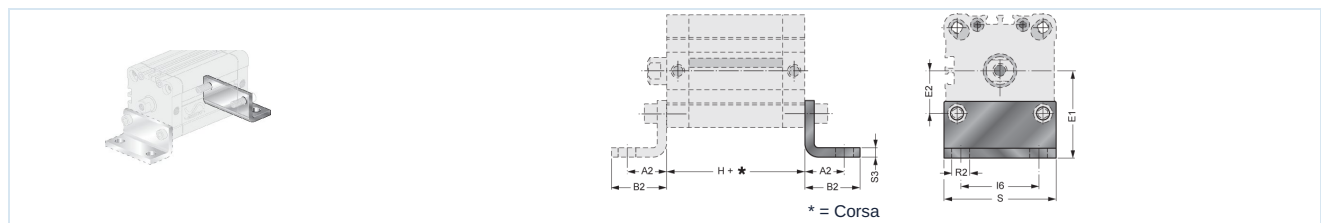


XFL / .. Fissaggio a flangia ISO 15552



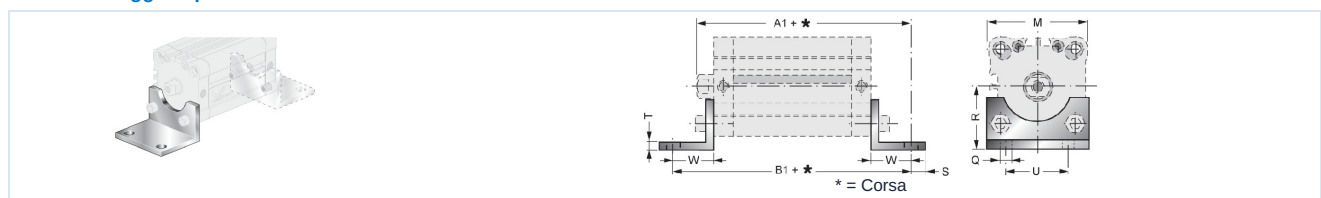
Ø	K	K1	M	M2	N1	N2	ØQ	Y	Tipo
32	3	61	45	80	32	64	7	10	XFL/32
40	3	62	52	90	36	72	9	10	XFL/40
50	4	65	65	110	45	90	9	12	XFL/50
63	4	69	75	120	50	100	9	12	XFL/63
80	6	80	95	150	63	126	12	16	XFL/80
100	6	93	115	170	75	150	14	16	XFL/100

SKP / .. Fissaggio a piede UNITOP



Ø	A2	B2	E1	E2	H	I6	R2	S	S3	Tipo
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

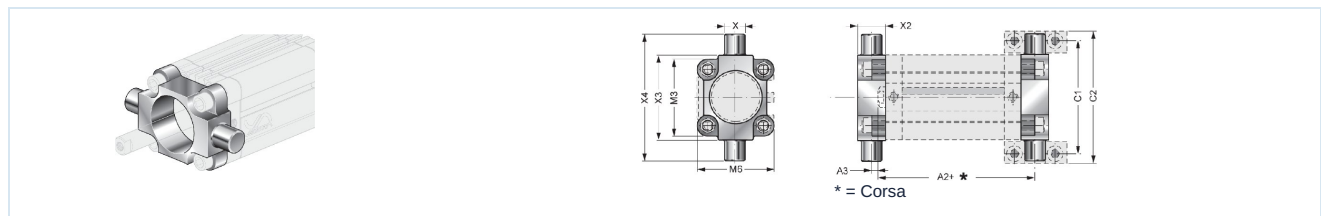
XP / .. Fissaggio a piede ISO 15552



Ø	A1	B1	M	ØQ	R	S	T	U	W	Tipo
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

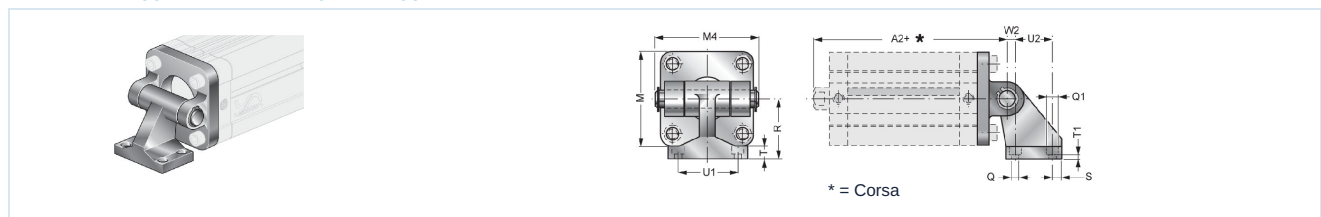


XCBF/ .. Fissaggio orientabile ISO 15552



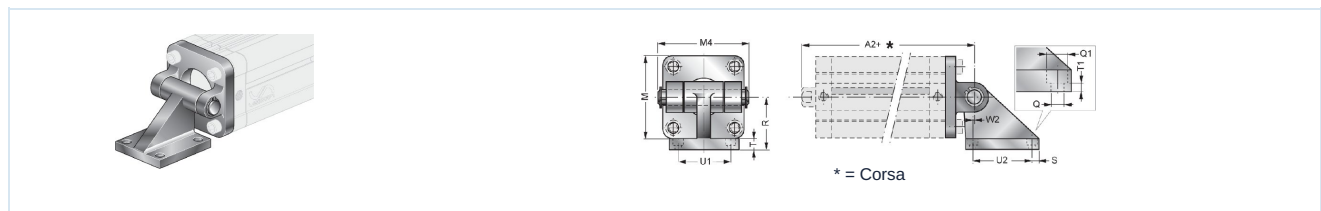
Ø	A2	A3	C1	C2	M3	M6	X e9	X2	X3	X4	Tipo
32	58,5	0,5	71	86	45	45	12	15	50	74	XCBF/32
40	62	3	87	105	54	54	16	20	63	95	XCBF/40
50	63	2	99	117	64	64	16	20	75	107	XCBF/50
63	69,5	4,5	16	136	75	75	20	25	90	130	XCBF/63
80	76,5	2,5	36	156	93	93	20	25	110	150	XCBF/80
100	92	5	64	189	110	110	25	30	132	182	XCBF/100

XAS/ .. Fissaggio orientabile angolare leggero CETOP RP107P ISO



Ø	A2	M	M4	ØQ	ØQ1	R	S	T	T1	U1	U2	W2	Tipo
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

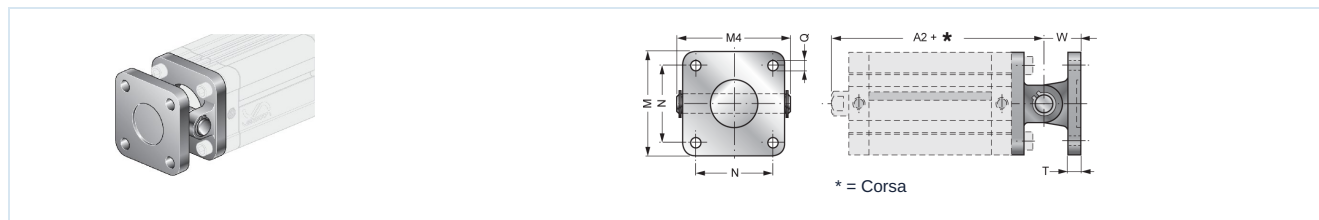
XASV/ .. Fissaggio orientabile angolare pesante ISO



Ø	A2	M	M4	ØQ	ØQ1	R	S	T	T1	U1	U2	W2	Tipo
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

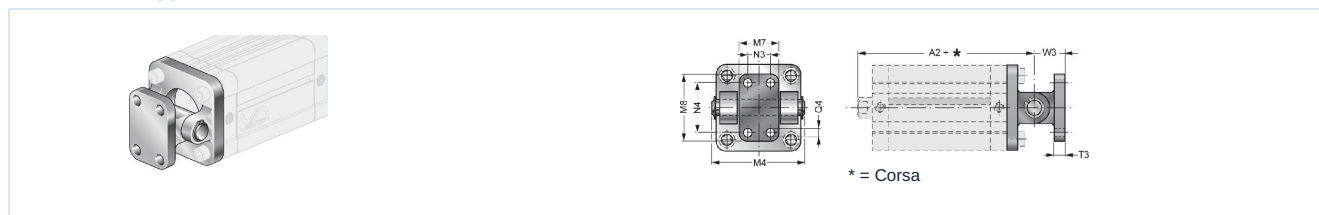


XANL/ .. Fissaggio orientabile ISO



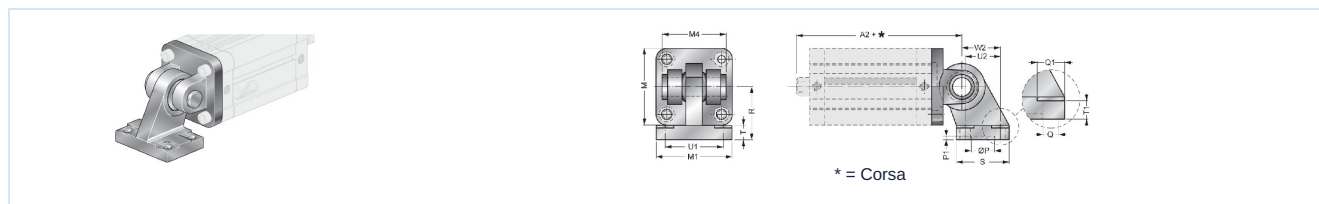
Ø	A2	M	M4	N	ØQ	T	W	Tipo
32	73	45	54	32,5	7	10	22	XANL/32
40	77	52	63	38	7	10	25	XANL/40
50	80	65	71	46,5	9	12	27	XANL/50
63	89	75	81	56,5	9	12	32	XANL/63
80	100	95	101	72	11	16	36	XANL/80
100	118	115	123	89	11	16	41	XANL/100

XANN/ .. Fissaggio orientabile ISO



Ø	A2	M4	M7	M8	N3	N4	ØQ4	T3	W3	Tipo
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

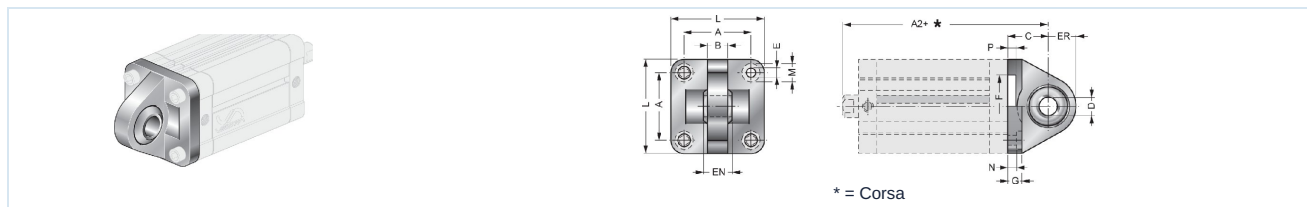
XAS-SN/ .. Fissaggio orientabile angolare sferico ISO



Ø	A2	M	M1	41	ØP	P1	ØQ	ØQ1	R	S	T	T1	U1	U2	W2	Tipo
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

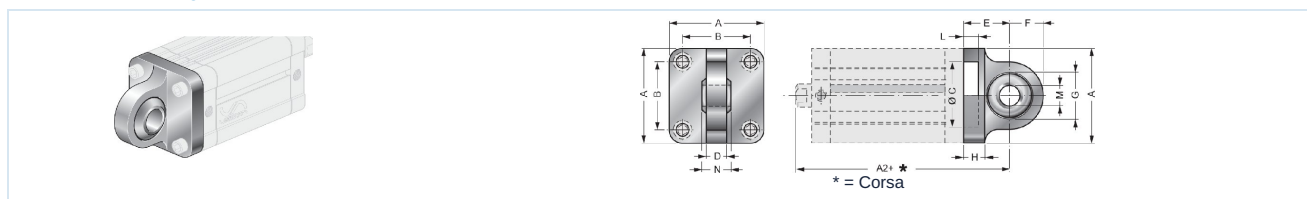


XCM-SN-AC/ .. Linguetta con snodo sferico, Acciaio ISO



Ø	A2	A	B	C	D	EN	ER	F	G	E	L	M	N	P	Tipo
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/ .. Linguetta con snodo sferico, Alluminio ISO



Ø	A2	A	B	C	D	E	F	G	H	L	ØM	N	Tipo
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/ .. Perno trasversale

Ø	A	B f7	Tipo
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

Immagini non vincolanti

Con riserva di modifiche costruttive, dimensionali e dei materiali.

