

2 standards. 1 product.

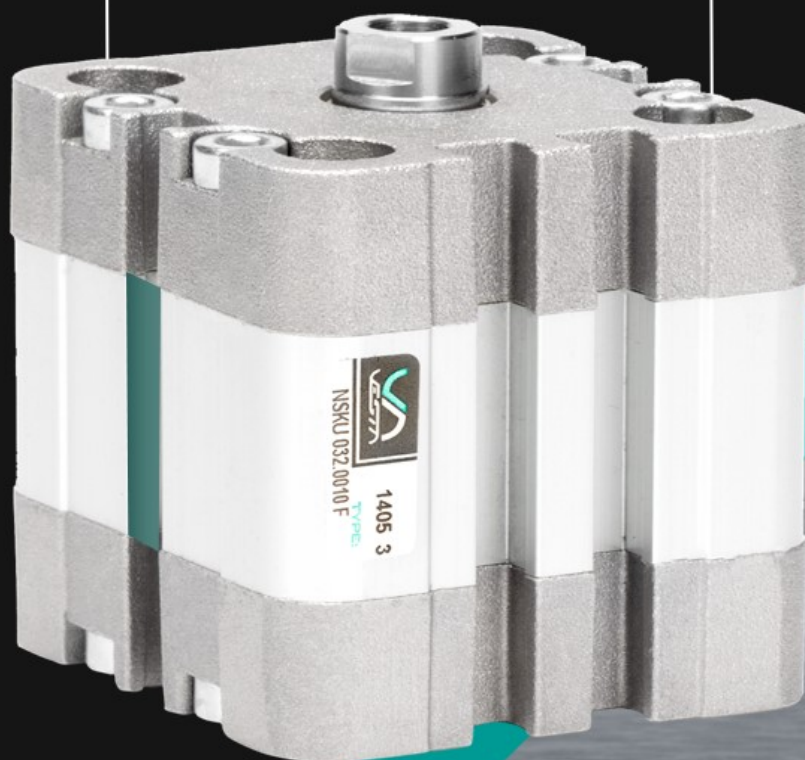
Vesta NSK Series

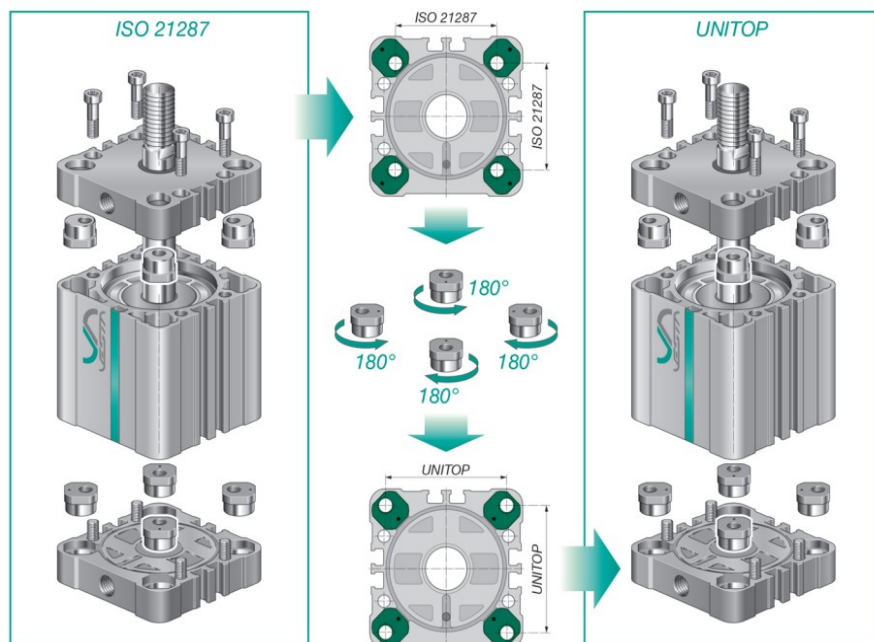
ISO 21287 + UNITOP STANDARD COMPACT CYLINDERS
CILINDRI COMPATTI A STANDARD ISO 21287 + UNITOP

Double standard assembly kit (ISO 21287 & UNITOP)
Kit di assemblaggio doppio standard (ISO 21287 & UNITOP)



Polyurethane lip-seals piston
Guarnizioni a labbro in poliuretano





DESCRIPTION / DESCRIZIONE

NSK series is designed for a final assembly to ISO 21287 standard, but thanks to Vesta's patent, with one set of common basic components you can assembly as well as to UNITOP standard.

An extremely construction simplicity, new design and advanced technology make the compact series **NSK** highly competitive, able to meet even the hardest request of performance and reliability and give it a wide duty flexibility.

La serie di cilindri compatti **NSK** è studiata per l'assemblaggio finale in versione standard ISO21287, ma grazie al brevetto Vesta, questa serie di cilindri, con un unico set di componenti base, può essere assemblata per il fissaggio in versione UNITOP. L'estrema semplicità costruttiva e l'innovativa tecnologia di produzione, rendono questa serie competitiva e in grado di soddisfare le più esigenti richieste di prestazioni ed affidabilità.

TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

End caps / Testate	Die-cast aluminium alloy / Pressofusione in lega di alluminio
Piston rod / Stelo	Ø16 ÷ 25 stainless steel AISI 304 / Ø16 ÷ 25 acciaio inox AISI 304 Ø32 ÷ 100 stainless steel AISI 420 A / Ø32 ÷ 100 acciaio inox AISI 420 A
Barrel / Camicia	Anodized profiled aluminium tube / Tubo profilato ed anodizzato d'alluminio
Seals / Guarnizioni	PU (Polyurethane) / In Poliuretano
Cushioning / Ammortizzatori	Mechanical buffers / Smorzatore meccanici d'urto
Environment temperature range / Temperatura ambiente	-20 °C ÷ +80 °C
Medium temperature range / Temperatura fluido	0 °C ÷ +30 °C
Lubrication / Lubrificazione	Not required / Non necessaria
Medium / Fluido	Filtered air / Aria filtrata
Max operating pressure / Pressione max d'esercizio	10 bar

NSK □ □ □ / □ □ □ □ □ □ □ □

ISO 21287 **I**
UNITOP **U****Bore Alesaggio (mm):**

Ø16 16	Ø50 50
Ø20 20	Ø63 63
Ø25 25	Ø80 80
Ø32 32	Ø100 100
Ø40 40	

Stroke Corsa (mm):

Male thread M
Filetto maschio

Female thread F
Filetto femmina

VS .. High temperature (-25°C / +120°C) polyurethane rod seal
Guarnizione dello stelo in poliuretano per alte temperature (-25°C / +120°C)

VV .. High Temperature (-25 / +120 °C) Polyurethane all seals
Tutte le guarnizioni in Poliuretano per alte Temperature (-25/+120°C)

SEA .. Simple acting front spring
Semplice effetto molla anteriore

SEP .. Simple acting rear spring
Semplice effetto molla posteriore

P Tough rod cylinder
Cilindro stelo passante

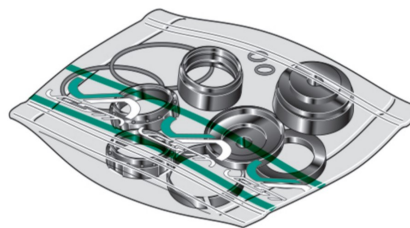
AR .. Non rotating
Cilindro antirotazione

..... - SG SEALS KIT / KIT GUARNIZIONI DI RICAMBIO

Seals kit code = Cylinder code + Bore + Versions + **- SG** (The kit includes all seals)

Codice del kit = Codice del cilindro + Alesaggio + Versioni + **- SG** (Il kit comprende tutte le guarnizioni necessarie)

Example / Esempio: **NSK 40 CNP - SG**



Bore Alesaggio	Standard stroke / Corse standard																
	5	10	15	20	25	30	40	50	60	70	80	90	100	125	160	200	250
16	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
25	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
32	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
63	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

ACCESSORIES / ACCESSORI

Note: the fixing screws are not included in the supply of the fittings / le viti di fissaggio non sono comprese nella fornitura degli accessori.

	XP/ ..	XCBF/ ..	XFL/ ..	XAS/ ..	XCFA/ ..	XCF/ ..	XASV/ ..
Bore Alesaggio							
32	XP/32	XCBF/32	XFL/32	XAS/32	XCFA/32	XCF/32	XASV/32
40	XP/40	XCBF/40	XFL/40	XAS/40	XCFA/40	XCF/40	XASV/40
50	XP/50	XCBF/50	XFL/50	XAS/50	XCFA/50	XCF/50	XASV/50
63	XP/63	XCBF/63	XFL/63	XAS/63	XCFA/63	XCF/63	XASV/63
80	XP/80	XCBF/80	XFL/80	XAS/80	XCFA/80	XCF/80	XASV/80
100	XP/100	XCBF/100	XFL/100	XAS/100	XCFA/100	XCF/100	XASV/100

	XCM/ ..	XANL/ ..	XANN/ ..	XCM-SN-AC/ ..	XAS-SN/ ..	XCM-SN-AL/ ..
Bore Alesaggio						
32	XCM/32	XANL/32	XANN/32	XCM-SN-AC/32	XAS-SN/32	XCM-SN-AL/32
40	XCM/40	XANL/40	XANN/40	XCM-SN-AC/40	XAS-SN/40	XCM-SN-AL/40
50	XCM/50	XANL/50	XANN/50	XCM-SN-AC/50	XAS-SN/50	XCM-SN-AL/50
63	XCM/63	XANL/63	XANN/63	XCM-SN-AC/63	XAS-SN/563	XCM-SN-AL/63
80	XCM/80	XANL/80	XANN/80	XCM-SN-AC/80	XAS-SN/80	XCM-SN-AL/80
100	XCM/100	XCMXANL	XANN/100	XCM-SN-AC/100	XAS-SN/100	XCM-SN-AL/100

FIXING ACCESSORIES FOR UNITOP CYLINDERS / ACCESSORI DI FISSAGGIO PER CILINDRI UNITOP

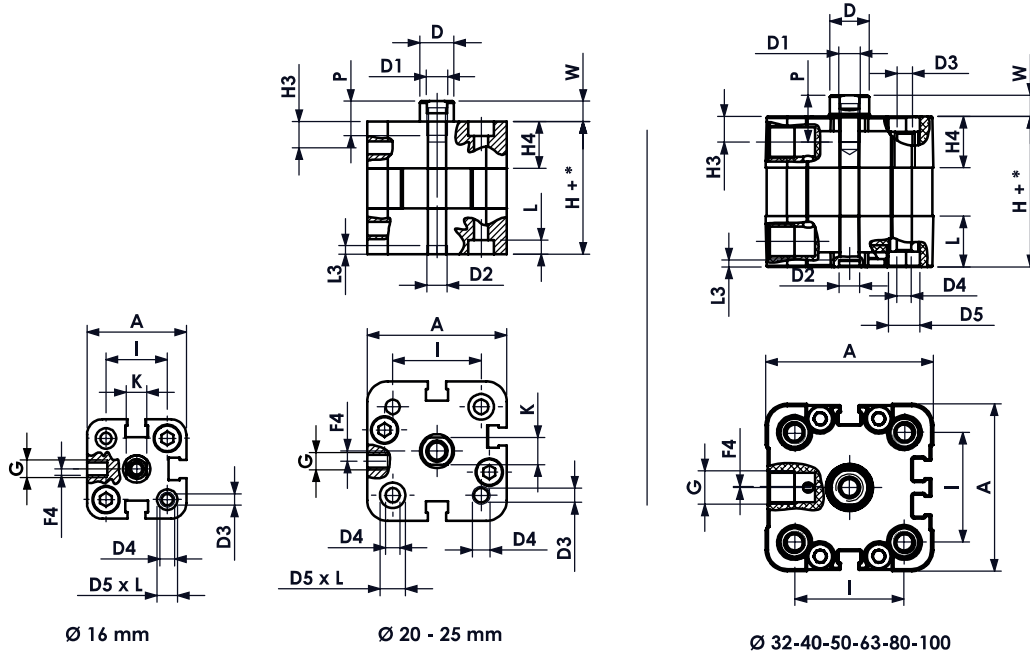
Note: the fixing screws are not included in the supply of the fittings / le viti di fissaggio non sono comprese nella fornitura degli accessori.

	SKCM/ ..	SKCF/ ..	SKFL/ ..	SKP/ ..
Bore Alesaggio				
16	SKCM/16		SKFL/16	SKP/16
20	SKCM/20		SKFL/20	SKP/20
25	SKCM/25		SKFL/25	SKP/25
32		SKCF/32	SKFL/32	SKP/32
40		SKCF/40	SKFL/40	SKP/40
50		SKCF/50	SKFL/50	SKP/50
63		SKCF/63	SKFL/63	SKP/63
80		SKCF/80	SKFL/80	SKP/80
100		SKCF/100	SKFL/100	SKP/100

DOUBLE ACTING MAGNETIC CYLINDER
CILINDRO A DOPPIO EFFETTO MAGNETICO

NSK . - ..

* = Stroke / Corsa



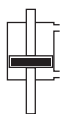
STANDARD ISO 21287

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

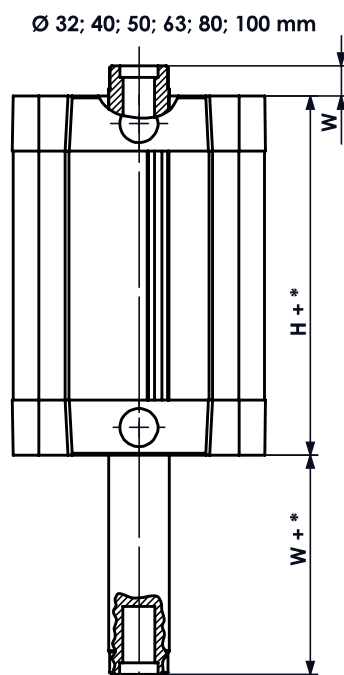
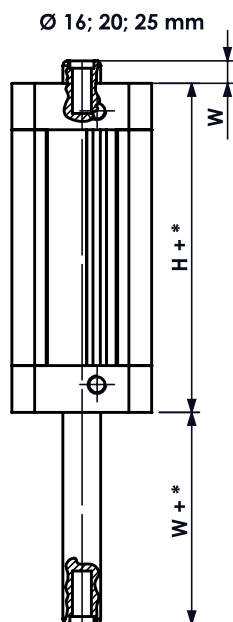
STANDARD UNITOP

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

NSK . - P

DOUBLE ACTING MAGNETIC THROUGH ROD CYLINDER
CILINDRO MAGNETICO A DOPPIO EFFETTO STELO PASSANTE

* = Stroke / Corsa



STANDARD ISO 21287

Bore Alesaggio	W	H	Code Codice
16	4,5	37(±0,5)	NSKI 16-/...P
20	6	37(±0,5)	NSKI 20-/...P
25	6	39(±0,5)	NSKI 25-/...P
32	7	44(±0,5)	NSKI 32-/...P
40	7	45(±0,7)	NSKI 40-/...P
50	8	45(±0,7)	NSKI 50-/...P
63	8	49(±0,8)	NSKI 63-/...P
80	10	54(±0,8)	NSKI 80-/...P
100	10	67(±1,0)	NSKI 100-/...P

STANDARD UNITOP

Bore Alesaggio	W	H	Code Codice
16	4,5	38(±0,5)	NSKU 16-/...P
20	4,5	38(±0,5)	NSKU 20-/...P
25	5,5	39,5(±0,5)	NSKU 25-/...P
32	6	44,5(±0,5)	NSKU 32-/...P
40	6,5	45,5(±0,7)	NSKU 40-/...P
50	7,5	45,5(±0,7)	NSKU 50-/...P
63	7,5	50(±0,8)	NSKU 63-/...P
80	8	56(±0,8)	NSKU 80-/...P
100	10	66,5(±1,0)	NSKU 100-/...P

THREADED MALE PISTON ROD VERSION
VERSIONE STELO FILETTATO MASCHIO

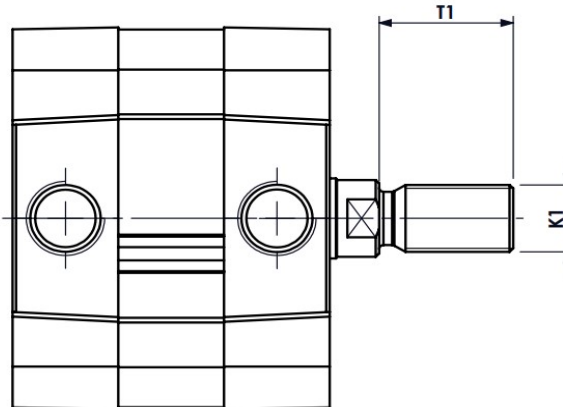
NSK . - M

STANDARD ISO 21287

Bore Alesaggio	K1	T1	Code Codice
16	M6x1	12	NSKI 16-...M
20	M8x1,25	16	NSKI 20-...M
25	M8x1,25	16	NSKI 25-...M
32	M10x1,25	19	NSKI 32-...M
40	M10x1,25	19	NSKI 40-...M
50	M12x1,25	22	NSKI 50-...M
63	M12x1,25	22	NSKI 63-...M
80	M16x1,5	28	NSKI 80-...M
100	M16x1,5	28	NSKI 100-...M

STANDARD UNITOP

Bore Alesaggio	K1	T1	Code Codice
16	M8x1,25	20	NSKU 16-...M
20	M10x1,25	22	NSKU 20-...M
25	M10x1,25	22	NSKU 25-...M
32	M10x1,25	22	NSKU 32-...M
40	M10x1,25	22	NSKU 40-...M
50	M12x1,25	24	NSKU 50-...M
63	M12x1,25	24	NSKU 63-...M
80	M16x1,5	32	NSKU 80-...M
100	M20x1,5	40	NSKU 100-...M



NSK . - F

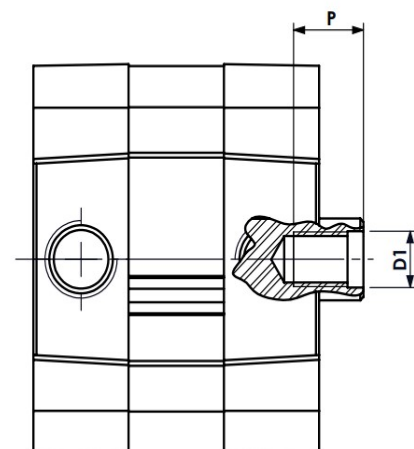
THREADED FEMALE PISTON ROD VERSION
VERSIONE STELO FILETTATO FEMMINA

STANDARD ISO 21287

Bore Alesaggio	ØD1	P	Code Codice
16	M4	8	NSKI 16-...F
20	M6	10	NSKI 20-...F
25	M6	10	NSKI 25-...F
32	M8	12	NSKI 32-...F
40	M8	12	NSKI 40-...F
50	M10	16	NSKI 50-...F
63	M10	16	NSKI 63-...F
80	M12	20	NSKI 80-...F
100	M12	20	NSKI 100-...F

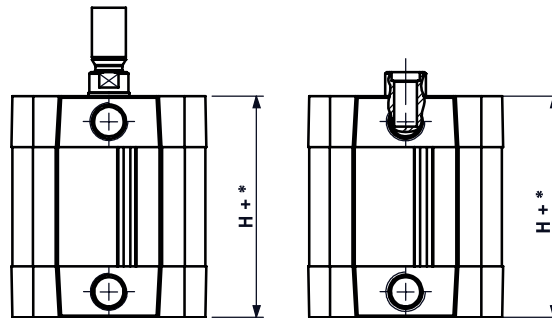
STANDARD UNITOP

Bore Alesaggio	ØD1	P	Code Codice
16	M4	8	NSKU 16-...F
20	M5	10	NSKU 20-...F
25	M5	10	NSKU 25-...F
32	M6	12	NSKU 32-...F
40	M6	12	NSKU 40-...F
50	M8	12	NSKU 50-...F
63	M8	14	NSKU 63-...F
80	M10	15	NSKU 80-...F
100	M12	20	NSKU 100-...F



SIMPLE ACTING FRONT SPRING
SEMPLICE EFFETTO MOLLA ANTERIORE

NSK . - .. SEA



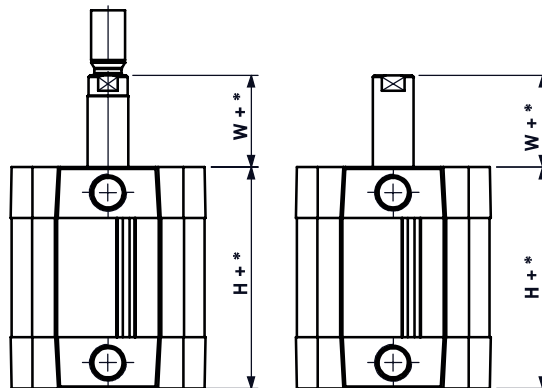
* = Stroke / Corsa

SEASPRING FORCE (N) STROKE 0 - 25 mm / SEAFORZE MOLLA (N) CORSA 0 - 25 mm

Bore Alesaggio	F spring max (stroke 0 mm) F molla max (corsa 0 mm)	F spring max (stroke 25 mm) F molla max (corsa 25 mm)	H ISO 21287	H UNITOP	Code Codice
16	21	12	37(±0,5)	38(±0,5)	NSK. 16-...SEA
20	39	22	37(±0,5)	38(±0,5)	NSK. 20-...SEA
25	45	28	39(±0,5)	39,5(±0,5)	NSK. 25-...SEA
32	45	28	44(±0,5)	44,5(±0,5)	NSK. 32-...SEA
40	61	39	45(±0,7)	45,5(±0,7)	NSK. 40-...SEA
50	90	58	45(±0,7)	45,5(±0,7)	NSK. 50-...SEA
63	95	62	49(±0,8)	50(±0,8)	NSK. 63-...SEA
80	150	115	54(±0,8)	56(±0,8)	NSK. 80-...SEA
100	160	125	67(±1,0)	66,5(±1,0)	NSK. 100-...SEA

NSK . - .. SEP

**SIMPLE ACTING
REAR SPRING**
**SEMPLICE EFFETTO
MOLLA POSTERIORE**



* = Stroke / Corsa



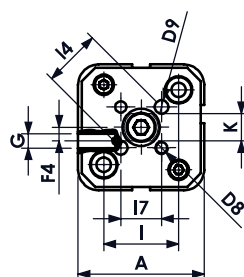
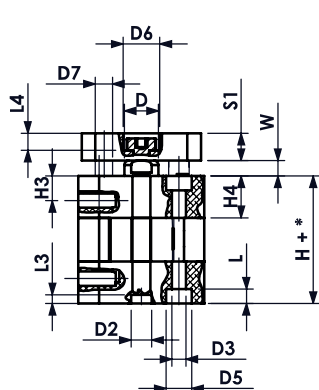
SEP SPRING FORCE (N) STROKE 26 - 50 mm / SEP FORZE MOLLA (N) CORSA 26 - 50 mm

Bore Alesaggio	F spring max (stroke 26 mm) F molla max (corsa 26 mm)	F spring max (stroke 50 mm) F molla max (corsa 50 mm)	H ISO 21287	H UNITOP	Code Codice
16	21	12	47(±0,5)	48(±0,5)	NSK. 16-...SEP
20	39	22	47(±0,5)	48(±0,5)	NSK. 20-...SEP
25	45	28	59(±0,5)	59,5(±0,5)	NSK. 25-...SEP
32	45	28	64(±0,5)	64,5(±0,5)	NSK. 32-...SEP
40	61	39	65(±0,7)	65,5(±0,7)	NSK. 40-...SEP
50	90	58	65(±0,7)	65,5(±0,7)	NSK. 50-...SEP
63	95	62	69(±0,8)	70(±0,8)	NSK. 63-...SEP
80	150	115	84(±0,8)	86(±0,8)	NSK. 80-...SEP
100	160	125	97(±1,0)	96,5(±1,0)	NSK. 100-...SEP

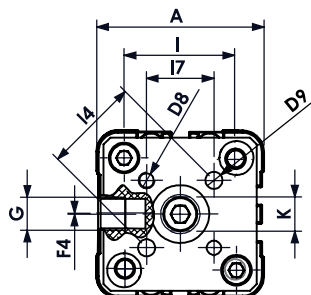
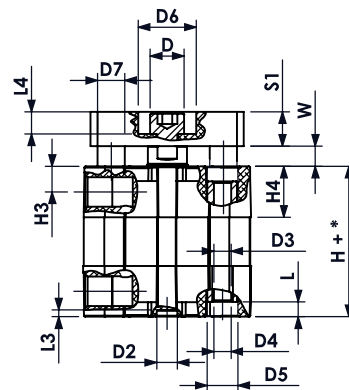
NSK . - .. AR

DOUBLE ACTING MAGNETIC CYLINDER NON ROTATING
CILINDRO MAGNETICO A DOPPIO EFFETTO ANTIROTATIVO

* = Stroke / Corsa



Ø 16 - 20 - 25



Ø 32 - 40 - 50 - 63 - 80 - 100

STANDARD ISO 21287

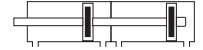
Bore Alesaggio	A	ØD	ØD2	ØD3	ØD4	ØD6	ØD7	ØD8	ØD9	G	H3	H4	I	I4	I7	K	L	L3	L4	F4	S1	W	H	Code Codice
16	29,2	8	6	3,3	M4	9	5	M3	3	M5	7	12,8	18	14	9,9	6	3,5	2,2	4	0	6	4,5	37(±0,5)	NSKI 16-...AR
20	37	10	6	4,2	M5	11	5	M4	4	M5	7	12,3	22	17	12	8	4,2	2,5	5	4	8	4,5	37(±0,5)	NSKI 20-...AR
25	41	10	6	4,2	M5	14	6	M5	5	G1/8	7,5	13,5	26	22	15,6	8	4,2	2,5	5	3	8	5,5	39(±0,5)	NSKI 25-...AR
32	49,2	12	6	5,2	M6	17	8	M5	5	G1/8	7,5	15	32,5	28	19,8	10	4,5	2	6,5	0	10	6	44(±0,5)	NSKI 32-...AR
40	57,2	12	6	5,2	M6	17	10	M5	5	G1/8	7,5	15	38	33	23,3	10	4,2	2	6,5	0	10	6,5	45(±0,7)	NSKI 40-...AR
50	67	16	8	6,7	M8	22	10	M5	6	G1/8	7,5	14,6	46,5	42	29,7	13	4,7	2,5	7,5	0	12	7,5	45(±0,7)	NSKI 50-...AR
63	80	16	8	6,7	M8	22	10	M6	6	G1/8	8	15,5	56,5	50	35,4	13	5,2	2,5	7,5	0	12	7,5	49(±0,8)	NSKI 63-...AR
80	102,6*	20	8	8,5	M10	28	14	M8	8	G1/8	9	17	72	65	46	17	5,2	2,5	9	0	14	8	54(±0,8)	NSKI 80-...AR
100	124*	25	8	8,5	M10	30	14	M10	10	G1/4*	10	20	89	80	56,6	22	5,2	3	10	0	14	10	67(±1,0)	NSKI 100-...AR

STANDARD UNITOP

Bore Alesaggio	A	ØD	ØD2	ØD3	ØD4	ØD6	ØD7	ØD8	ØD9	G	H3	H4	I	I4	I7	K	L	L3	L4	F4	S1	W	H	Code Codice
16	29,2	8	6	3,3	M4	9	5	M3	3	M5	7	12,8	18	14	9,9	6	3,5	2,2	4	0	6	4,5	38(±0,5)	NSKU 16-...AR
20	37	10	6	4,2	M5	11	5	M4	4	M5	7	12,3	22	17	12	8	4,2	2,5	5	4	8	4,5	38(±0,5)	NSKU 20-...AR
25	41	10	6	4,2	M5	14	6	M5	5	M5	7,5	13,5	26	22	15,6	8	4,2	2,5	5	3	8	5,5	39,5(±0,5)	NSKU 25-...AR
32	49,2	12	6	5,2	M6	17	8	M5	5	G1/8	7,5	15	32	28	19,8	10	4,5	2	6,5	0	10	6	44,5(±0,5)	NSKU 32-...AR
40	57,2	12	6	5,2	M6	17	10	M5	5	G1/8	7,5	15	42	33	23,3	10	4,2	2	6,5	0	10	6,5	45,5(±0,7)	NSKU 40-...AR
50	67	16	8	6,7	M8	22	10	M6	6	G1/8	7,5	14,6	50	42	29,7	13	4,7	2,5	7,5	0	12	7,5	45,5(±0,7)	NSKU 50-...AR
63	80	16	8	8,5	M10	22	10	M6	6	G1/8	8	15,5	62	50	35,4	13	5,2	2,5	7,5	0	12	7,5	50(±0,8)	NSKU 63-...AR
80	102,6	20	8	8,5	M10	28	14	M6	8	G1/8	9	17	82	65	46	17	5,2	2,5	9	0	14	8	56(±0,8)	NSKU 80-...AR
100	124	25	8	8,5	M10	30	14	M10	10	G1/4	10	20	103	80	56,6	22	5,2	3	10	0	14	10	66,5(±1,0)	NSKU 100-...AR

MULTI-THRUST TANDEM
TANDEM MULTISPINTA

NSK ... TN2 ...



NSK [] [] [] / [] [] [] TN [] [] []

ISO 21287 I
UNITOP U

Stages Stadi:
2
3

M .. Threaded male piston rod
Cilindro stelo filettato maschio
F .. Threaded female piston rod
Cilindro stelo filettato femmina

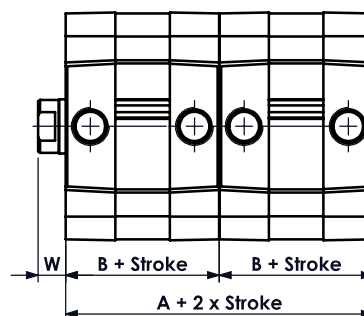
Bore Alesaggio (mm):
Ø32 32
Ø40 40
Ø50 50
Ø63 63
Ø80 80
Ø100 100

P Though rod cylinder
Cilindro stelo passante

Stroke Corsa (mm):

For other dimensions please see NSK standard cylinder / Per altre dimensioni vedere cilindri NWT standard

* = Stroke / Corsa



Bore Alesaggio	A	B	ISO 21287	UNITOP
32	88,4	44,2	NSKI 32/...TN...	NSKU 32/...TN...
40	90,4	45,2	NSKI 40/...TN...	NSKU 40/...TN...
50	90,4	45,2	NSKI 50/...TN...	NSKU 50/...TN...
63	99	49,5	NSKI 63/...TN...	NSKU 63/...TN...
80	110	55	NSKI 80/...TN...	NSKU 80/...TN...
100	133,4	66,7	NSKI 100/...TN...	NSKU 100/...TN...

NSK ... BS ...

MULTI-POSITION
MULTIPOSIZIONE

NSK / BS

ISO 21287 I
UNITOP U

Bore Alesaggio (mm):

Ø32 32
Ø40 40
Ø50 50
Ø63 63
Ø80 80
Ø100 100

Stroke Corsa (mm) 1°

M .. Threaded male piston rod
Cilindro stelo filettato maschio
F .. Threaded female piston rod
Cilindro stelo filettato femmina

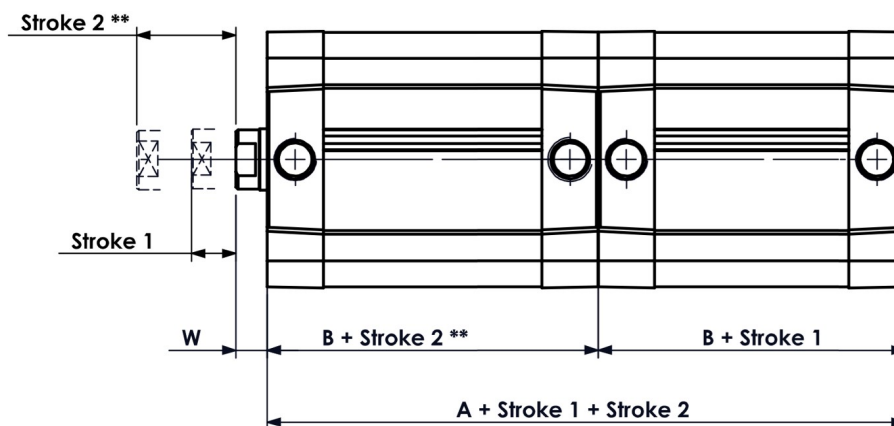
2° **.... Stroke Corsa (mm)

****Attention: Stroke 2 = Addition of the two strokes of the cylinder / Attenzione: Corsa 2 = Somma delle due corse del cilindro**

Available on request over 3 position cylinders / A richiesta cilindri da 3 a più posizioni

For other dimensions please see NSK standard cylinder / Per altre dimensioni vedere cilindri NWT standard

* = Stroke / Corsa



Bore Alesaggio	A	B	ISO 21287	UNITOP
32	88,4	44,2	NSKI 32/...BS...	NSKU 32/...BS...
40	90,4	45,2	NSKI 40/...BS...	NSKU 40/...BS...
50	90,4	45,2	NSKI 50/...BS...	NSKU 50/...BS...
63	99	49,5	NSKI 63/...BS...	NSKU 63/...BS...
80	110	55	NSKI 80/...BS...	NSKU 80/...BS...
100	133,4	66,7	NSKI 100/...BS...	NSKU 100/...BS...

REAR OPPOSED
CONTRAPPOSTI POSTERIORI

NSK ... CNP ...



NSK ☐ ☐ ☐ / ☐ ☐ ☐ ☐ CNP ☐

ISO 21287 I
UNITOP U

Bore Alesaggio (mm):

Ø16 16
Ø20 20
Ø25 25
Ø32 32
Ø40 40
Ø50 50
Ø63 63
Ø80 80
Ø100 100

M .. Threaded male piston rod
Cilindro stelo filettato maschio
F .. Threaded female piston rod
Cilindro stelo filettato femmina

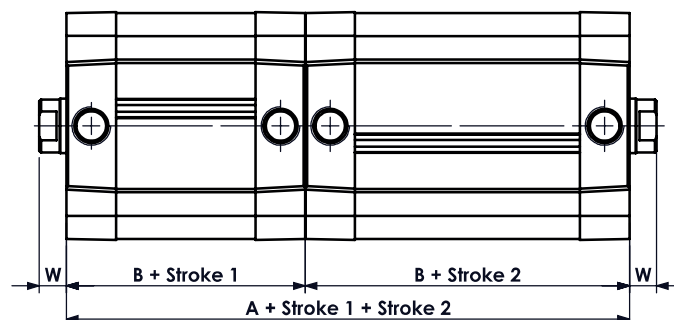
2° **.... Stroke Corsa (mm)

1° Stroke Corsa (mm)

**Attention: Stroke 2 = Addition of the two strokes of the cylinder / Attenzione: Corsa 2 = Somma delle due corse del cilindro

Available on request over 3 position cylinders / A richiesta cilindri da 3 a più posizioni

For other dimensions please see NSK standard cylinder / Per altre dimensioni vedere cilindri NWT standard



* = Stroke / Corsa

Bore Alesaggio	A	B	ISO 21287	UNITOP
16	76	38	NSKI 16/...CNP...	NSKU 16/...CNP...
20	76	38	NSKI 20/...CNP...	NSKU 20/...CNP...
25	79	39,5	NSKI 25/...CNP...	NSKU25/...CNP...
32	88,4	44,2	NSKI 32/...CNP...	NSKU 32/...CNP...
40	90,4	45,2	NSKI 40/...CNP...	NSKU 40/...CNP...
50	90,4	45,2	NSKI 50/...CNP...	NSKU 50/...CNP...
63	99	49,5	NSKI 63/...CNP...	NSKU 63/...CNP...
80	110	55	NSKI 80/...CNP...	NSKU 80/...CNP...
100	133,4	66,7	NSKI 100/...CNP...	NSKU 100/...CNP...

NSK ... CNF ...

FRONT OPPOSED
CONTRAPPOSTI ANTERIORI

NSK / CNF

ISO 21287 **I**
UNITOP **U**

Bore Alesaggio (mm):

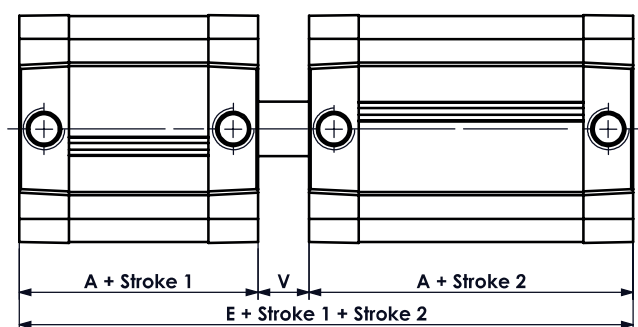
Ø16 **16**
Ø20 **20**
Ø25 **25**
Ø32 **32**
Ø40 **40**
Ø50 **50**
Ø63 **63**
Ø80 **80**
Ø100 **100**

1°..... Stroke Corsa (mm)

2° **.... Stroke Corsa (mm)

For other dimensions please see **NSK standard cylinder** / Per altre dimensioni vedere cilindri NWT standard

* = Stroke / Corsa



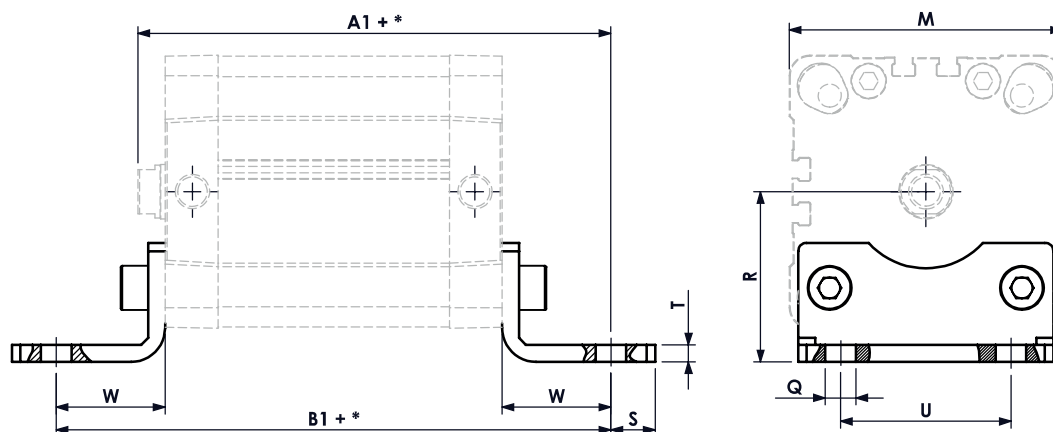
Bore Alesaggio	E	A	V	ISO 21287	UNITOP
16	85	38	9	NSKI 16/...CNF...	NSKU 16/...CNF...
20	85	38	9	NSKI20/...CNF...	NSKU 20/...CNF...
25	90	39,5	11	NSKI 25/...CNF...	NSKU 25/...CNF...
32	100,4	44,2	12	NSKI 32/...CNF...	NSKU 32/...CNF...
40	103,4	45,2	13	NSKI 40/...CNF...	NSKU 40/...CNF...
50	105,5	45,2	15	NSKI 50/...CNF...	NSKU 50/...CNF...
63	114	49,5	15	NSKI 63/...CNF...	NSKU 63/...CNF...
80	126	55	16	NSKI 80/...CNF...	NSKU 80/...CNF...
100	153,4	66,7	20	NSKI 100/...CNF...	NSKU 100/...CNF...

FOOT
PIEDINO

XP/ ..

Ref ISO 15552

* = Stroke / Corsa



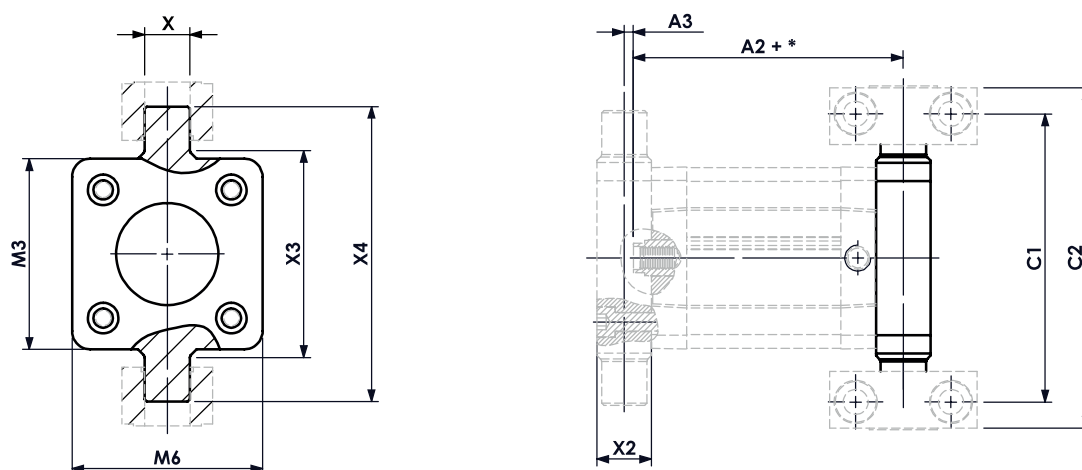
Bore Alesaggio	A1	B1	M	ØQ	R	S	T	U	W	Code Codice
32	75	92	45	7	32	11	4	32	24	XP/32
40	80	101	52	9	36	15	4	36	28	XP/40
50	85	109	65	9	45	15	5	45	32	XP/50
63	89	113	75	9	50	15	5	50	32	XP/63
80	105	136	95	12	63	20	6	63	41	XP/80
100	118	149	115	14	71	25	6	75	41	XP/100

FLOATING FRONT HINGE MOUNTING
MONTAGGIO CERNIERA OSCILLANTE ANTERIORE

XCBF/ ..

Ref ISO 15552

* = Stroke / Corsa

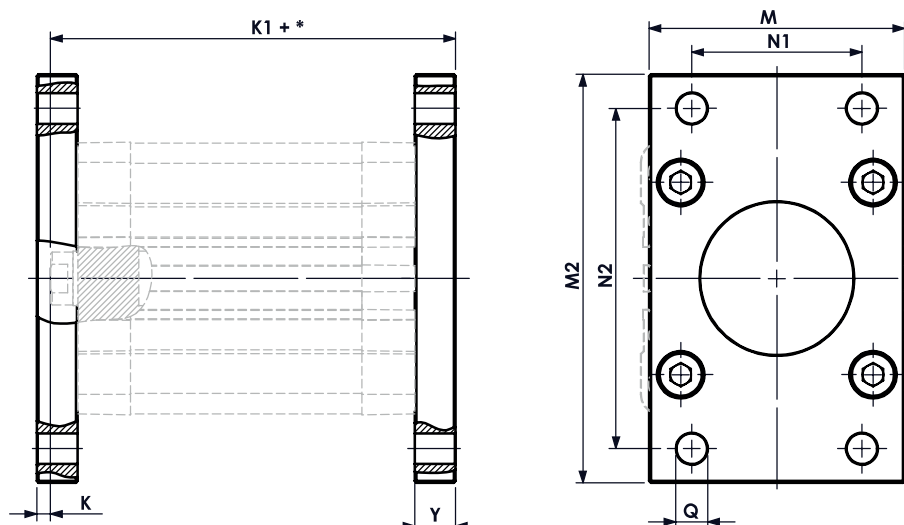


Bore Alesaggio	A2	A3	C1	C2	M3	M6	ØX ^{e9}	X2	X3	X4	Code Codice
32	58,5	0,5	71	86	45	45	12	15	50	74	XCBF/32
40	62	3	87	105	54	54	16	20	63	95	XCBF/40
50	63	2	99	117	64	64	16	20	75	107	XCBF/50
63	69,5	4,5	16	136	75	75	20	25	90	130	XCBF/63
80	76,5	2,5	36	156	93	93	20	25	110	150	XCBF/80
100	92	5	64	189	110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

XFL/ ..

FLANGE
FLANGIA

Ref ISO 15552

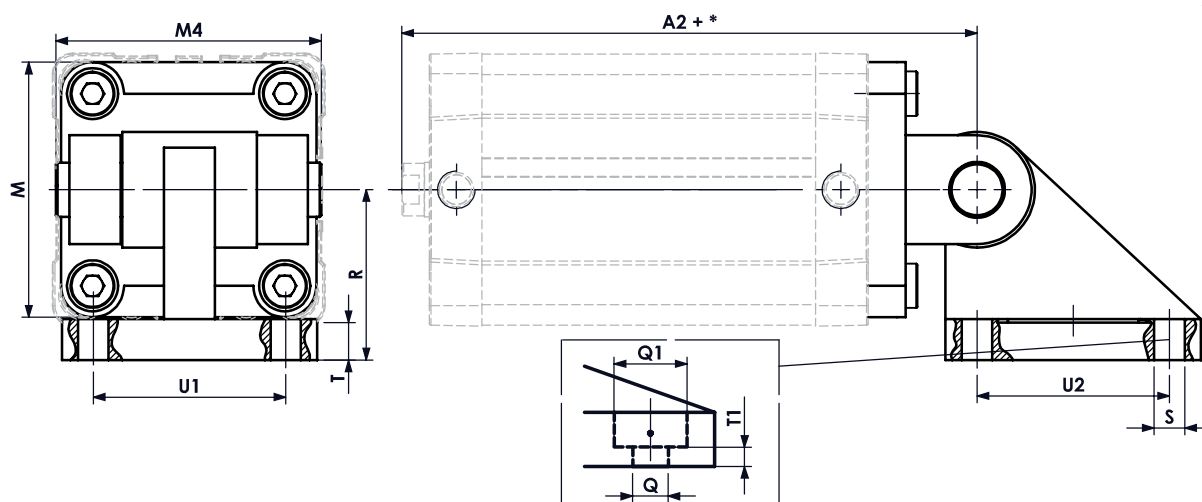
* = Stroke
Corsa

Bore Alesaggio	K	K1	M	M2	N1	N2	ØQ	Y	Code Codice
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

XAS/ ..

REAR HINGE
CONTROCERNIERA ORIZZONTALE

Ref CETOP RP107P

* = Stroke
Corsa

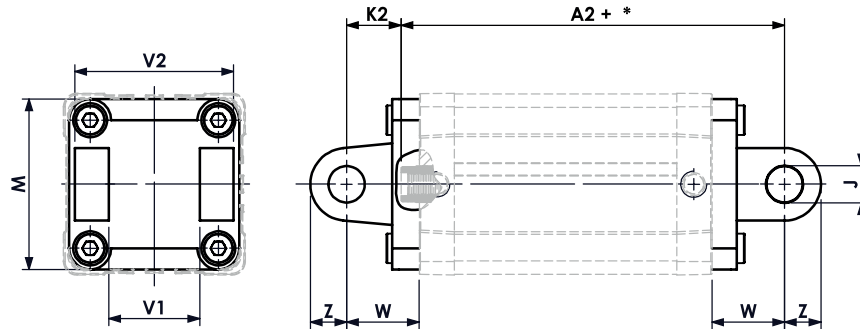
Bore Alesaggio	A2	M	M4	ØQ	ØQ1	R	S	T	T1	U1	U2	W2	Code Codice
32	73	45	54	7	11	32	6,5	8	6,5	38	18	3	XAS/32
40	77	52	63	7	11	36	6,5	10	8,5	41	22	2	XAS/40
50	80	65	71	9	15	45	7,5	12	10,5	50	30	3	XAS/50
63	89	75	81	9	15	50	7,5	14	12,5	52	35	2	XAS/63
80	100	95	101	11	18	63	10	14	11,5	66	40	7	XAS/80
100	118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

REAR CLEVIS (FEMALE) MOUNTING
MONTAGGIO CERNIERA FEMMINA POSTERIORE

XCF/ ..

Ref **ISO 15552**

* = Stroke / Corsa



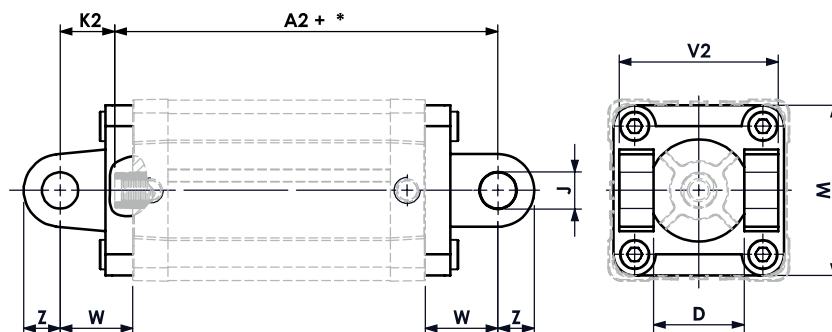
Bore Alesaggio	A2	ØJ ^{H9}	K2	M	V1	V2	W	Z	Code Codice
32	73	10	15	45	26	45	22	11	XCF/32
40	77	12	18	52	28	52	25	13	XCF/40
50	80	12	19	65	32	60	27	13	XCF/50
63	89	16	24	75	40	70	32	17	XCF/63
80	100	16	26	95	50	90	36	17	XCF/80
100	118	20	31	115	60	110	41	21	XCF/100

FRONT CLEVIS (FEMALE) MOUNTING
MONTAGGIO CERNIERA FEMMINA ANTERIORE

XCFA/ ..

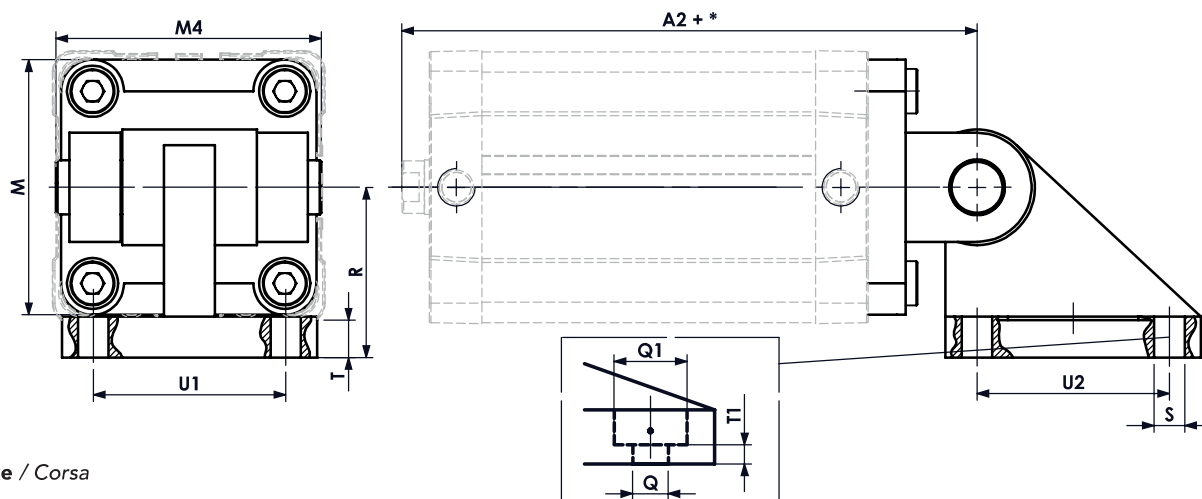
Ref **ISO 15552**

* = Stroke / Corsa



Bore Alesaggio	A2	ØJ ^{H9}	K2	M	V2	D	W	Z	Code Codice
32	73	10	15	45	45	30	22	11	XCFA/32
40	77	12	18	52	52	35	25	13	XCFA/40
50	80	12	19	65	60	40	27	13	XCFA/50
63	89	16	24	75	70	45	32	17	XCFA/63
80	100	16	26	95	90	45	36	17	XCFA/80
100	118	20	31	115	110	55	41	21	XCFA/100

XASV/ ..

REAR HINGE
CONTROCERNIERA ORIZZONTALE

* = Stroke / Corsa

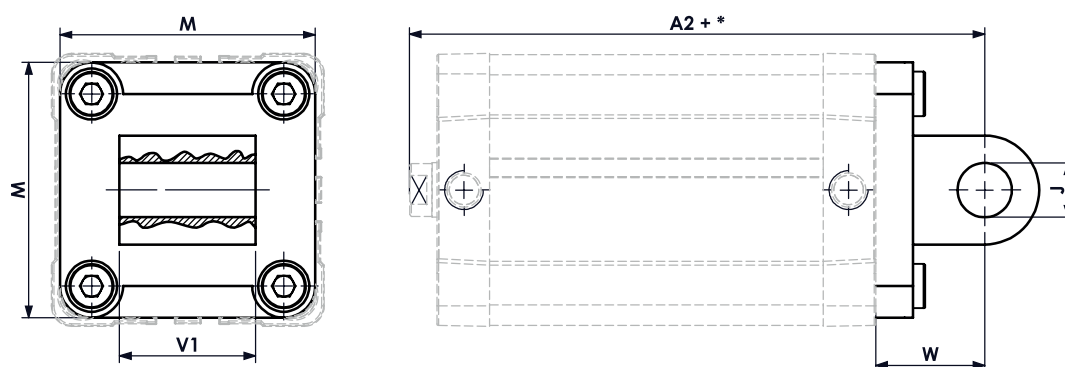
Bore Alesaggio	A2	M	M4	ØQ	ØQ1	R	S	T	T1	U1	U2	W2	Code Codice
32	73	45	54	7	11	32	8	10	5	32,5	32,5	0	XASV/32
40	77	52	63	7	11	36	8,5	10	5	38	38	0	XASV/40
50	80	65	71	9	15	45	10	12	5	46,5	46,5	0	XASV/50
63	89	75	81	9	15	50	10	12	5	56,5	56,5	0	XASV/63
80	100	95	101	11	18	63	12,5	14	6	72	72	0	XASV/80
100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

XCM/ ..

CLEVIS MALE
CONTROCERNIERA MASCHIO

Ref 15552

* = Stroke / Corsa

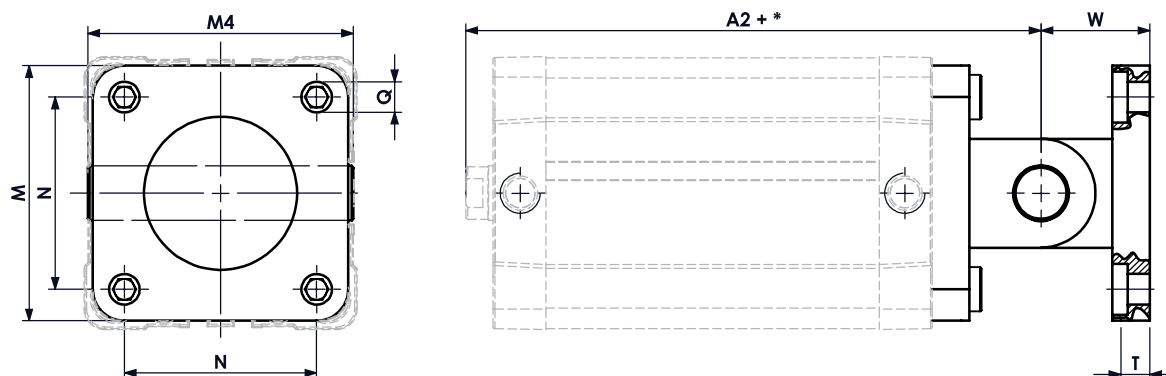


Bore Alesaggio	A2	ØJ ^{H7}	M	V1	W	Code Codice
32	73	10	47	26	22	XCM/32
40	77	12	54	28	25	XCM/40
50	80	12	66	32	27	XCM/50
63	89	16	78	40	32	XCM/63
80	100	16	98	50	36	XCM/80
100	118	20	115	60	41	XCM/100

REAR HINGE "L" SERIES
CONTROCERNIERA VERTICALE SERIE "L"

XANL/ ..

* = Stroke / Corsa

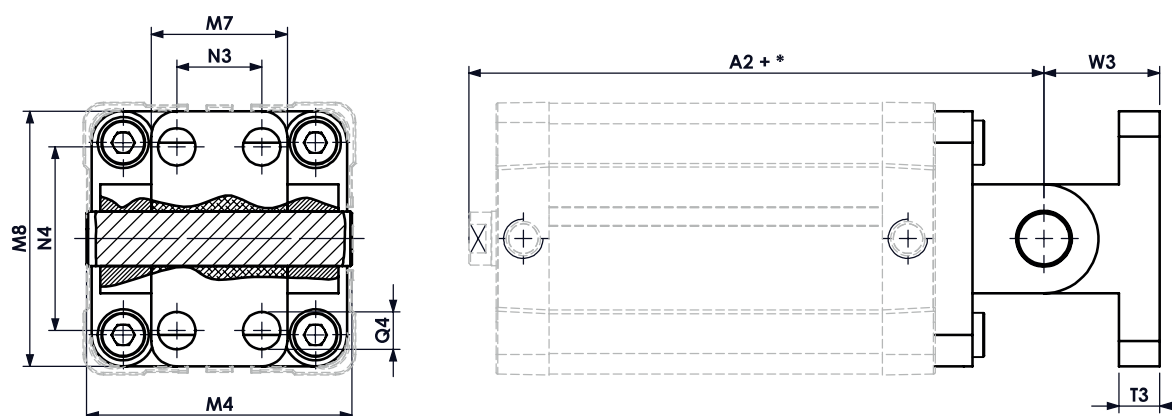


Bore Alesaggio	A2	M	M4	N	ØQ	T	W	Code Codice
32	73	45	54	32,5	7	10	22	XANL/32
40	77	52	63	38	7	10	25	XANL/40
50	80	65	71	46,5	9	12	27	XANL/50
63	89	75	81	56,5	9	12	32	XANL/63
80	100	95	101	72	11	16	36	XANL/80
100	118	115	123	89	11	16	41	XCMXANL

REAR HINGE "N" SERIES
CONTROCERNIERA VERTICALE SERIE "N"

XANN/ ..

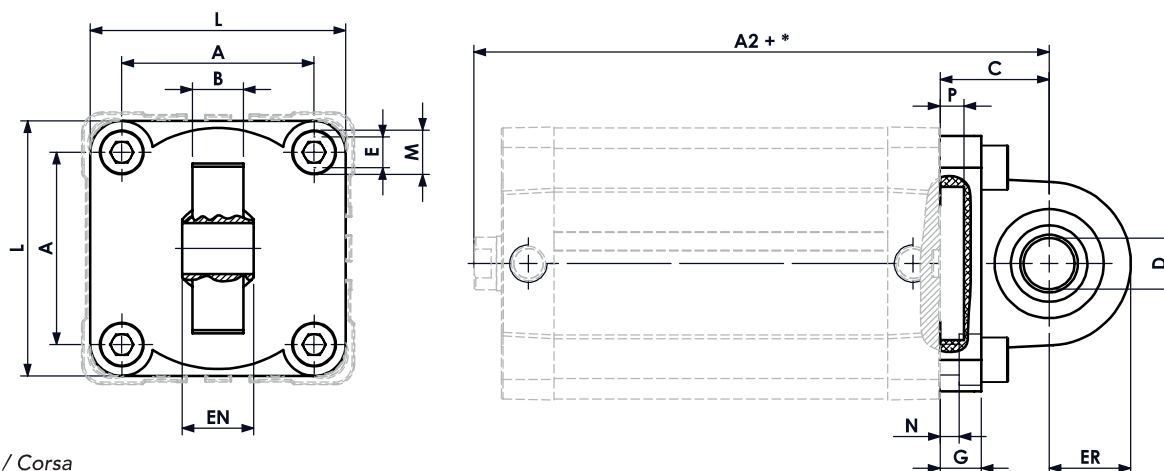
* = Stroke / Corsa



Bore Alesaggio	A2	M4	M7	M8	N3	N4	ØQ4	T3	W3	Code Codice
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

XCM-SN-AC/ ..**CLEVIS (MALE) WITH ROD EYE**
CERNIERA MASCHIO CON SNODO

STEEL / ACCIAIO

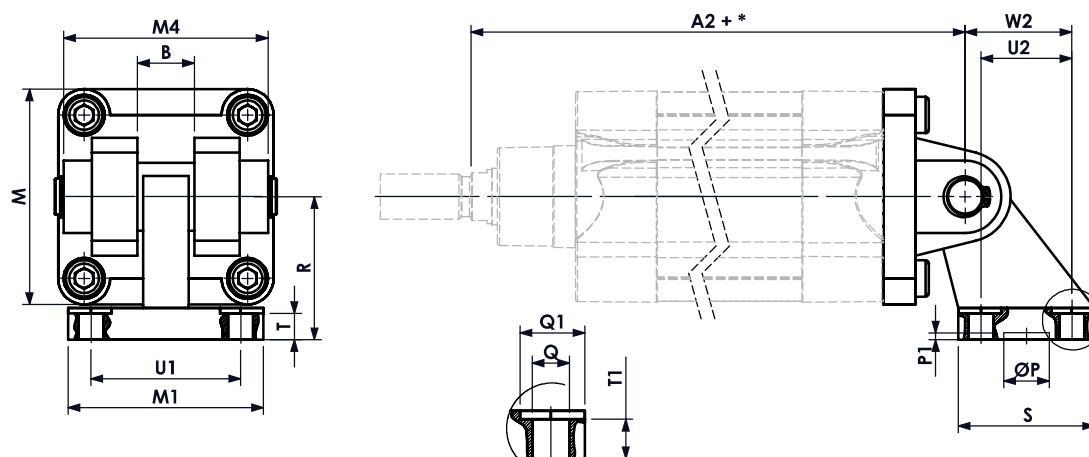


* = Stroke / Corsa

Bore Alesaggio	A2	A	B	C	ØD	EN	ER	F	G	E	L	M	N	P	Code Codice
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

XAS-SN/ ..**REAR HINGE WITH NARROW ROD EYE**
CONTROCERNIERA SNODATA STRETTA

* = Stroke / Corsa



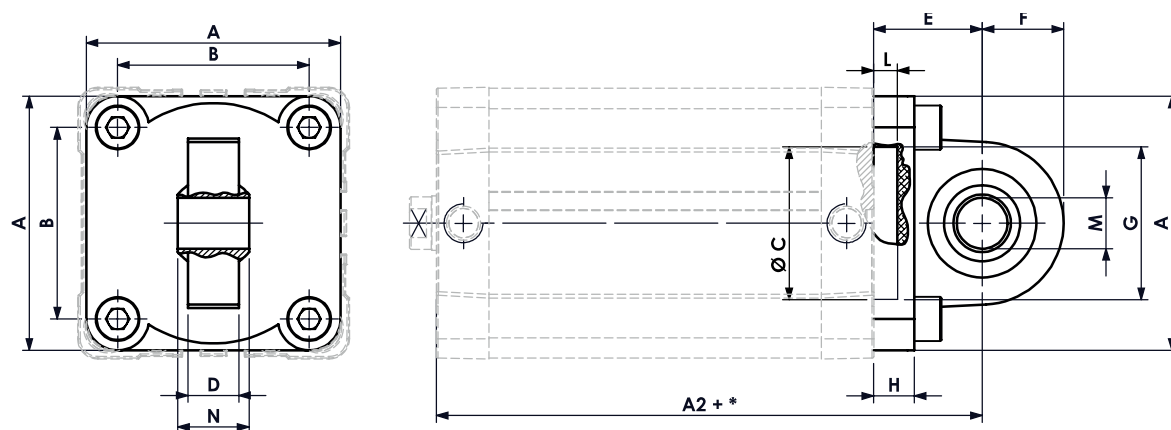
Bore Alesaggio	A2	M	M1	M4	ØP	P1	ØQ	ØQ1	R	S	T	T1	U1	U2	W2	Code Codice
32	73	45	51	41	20	3	6,6	11	32	31	10	8,5	38	18	21	XAS-SN/32
40	77	52	54	48	20	3	6,6	11	36	35	10	8,5	41	22	24	XAS-SN/40
50	80	65	65	54	20	3	9	15	45	45	12	10,5	50	30	33	XAS-SN/50
63	89	75	67	60	20	3	9	15	50	50	12	10,5	52	35	37	XAS-SN/563
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

ALUMINIUM ALLOY
LEGA DI ALLUMINIO

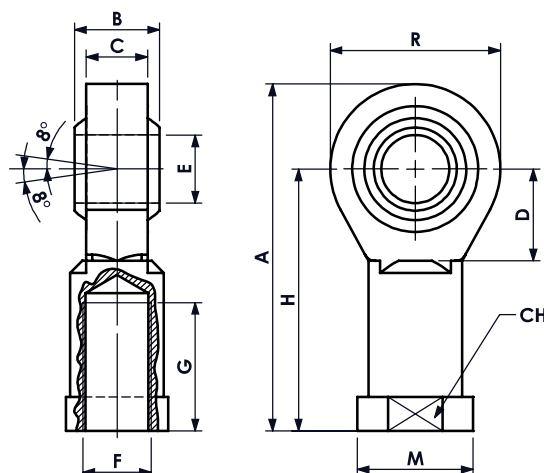
* = Stroke / Corsa

CLEVIS (MALE) WITH ROD EYE
CERNIERA MASCHIO CON SNODO

XCM-SN-AL/ ..



Bore Alesaggio	A2	A	B	C	D	E	F	H	L	ØM	N	Code Codice
32	73	45	32,5	30	10,5	22	16	9	5	10	14	XCM-SN-AL/32
40	77	52	38	35	2	25	19	9	5	12	16	XCM-SN-AL/40
50	80	65	46,5	40	15	27	21	11	5	16	21	XCM-SN-AL/50
63	89	75	56,5	45	15	32	24	11	5	16	21	XCM-SN-AL/63
80	100	95	72	45	18	36	28,5	14	5	20	25	XCM-SN-AL/80
100	118	115	89	55	18	41	30	14	5	20	25	XCM-SN-AL/100



SNS/..

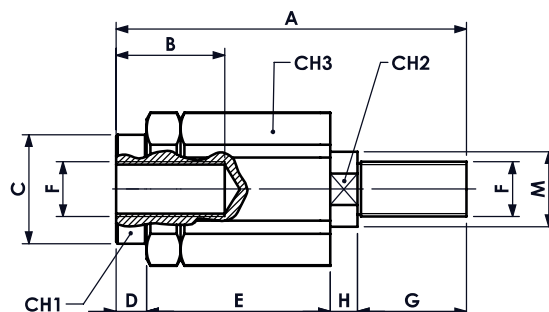
ROD EYE
SNODO SFERICO

* = Stroke / Corsa

Bore Alesaggio	A	B	C	CH	D	ØE ^{H7}	ØF	G	H	ØM	R	Code Codice
32	57	14	10,5	17	15	10	M10X1,25	20	43	19	28	SNS/10X1,25
40	66	16	12	19	17	12	M12X1,25	22	50	22	32	SNS/12X1,25
50	85	21	15	22	23	16	M16X1,5	28	64	27	42	SNS/16X1,5
63	85	21	15	22	23	16	M16X1,5	28	64	27	42	SNS/16X1,5
80	102	25	18	30	27	20	M20X1,5	33	77	34	50	SNS/20X1,5
100	102	25	18	30	27	20	M20X1,5	33	77	34	50	SNS/20X1,5

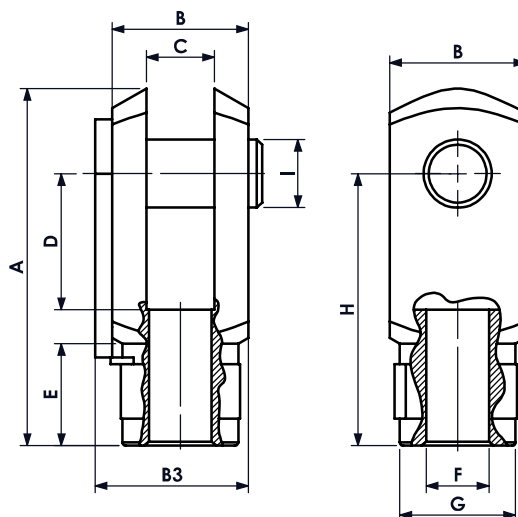
Cylinders fixing for Ø 250 and Ø 320 on request / Fissaggi per cilindri Ø 250 e Ø 320 a richiesta

SAS/..

FLOATING JOINT TYPE "S"
SNODO AUTOALLINEANTE

Bore Alesaggio	A	B	ØC	CH1	CH2	CH3	D	E	ØF	G	H	ØM	Code Codice
32	71	20	22	19	12	30	11	35	M10X1,25	20	5	14	SAS/32
40	75	20	22	19	12	30	11	35	M12X1,25	24	5	14	SAS/40
50	103	32	32	30	20	41	9	54	M16X1,5	32	8	22	SAS/50-63
63	103	32	32	30	20	41	9	54	M16X1,5	32	8	22	SAS/50-63
80	119	40	32	30	20	41	17	54	M20X1,5	40	8	22	SAS/80-100
100	119	40	32	30	20	41	17	54	M20X1,5	40	8	22	SAS/80-100

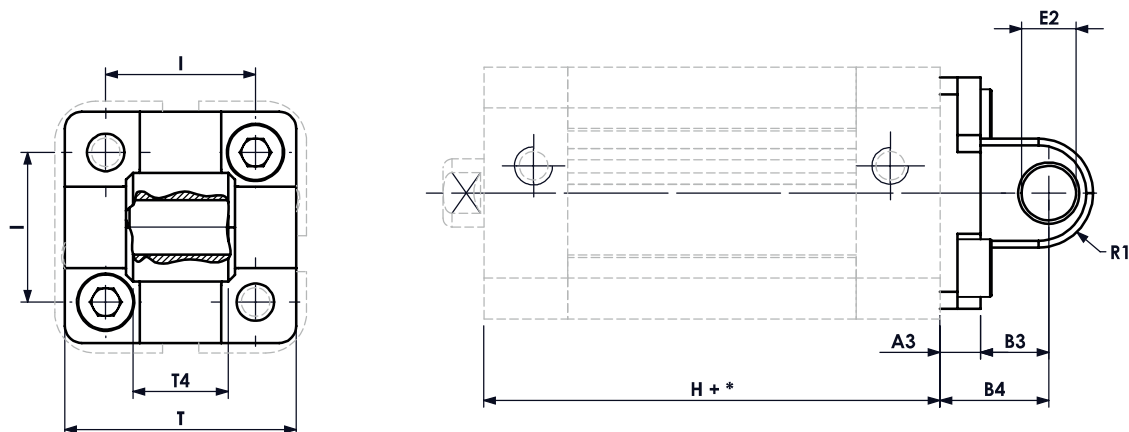
FS..x..

CLEVIS ROD
FORCELLA STELO

Bore Alesaggio	A	B	B3	C ^{B12}	D	E	ØF	ØG	H	ØI ^{H9}	Code Codice
32	52	20	26	10	20	15	M10x1,25	18	40	10	FS/10x1,25
40	62	24	32	12	24	18	M12x1,25	20	48	12	FS/12x1,25
50	83	32	40	16	32	24	M16x1,5	26	64	16	FS/16x1,5
63	83	32	40	16	32	24	M16x1,5	26	64	16	FS/16x1,5
80	105	40	48	20	40	30	M20x1,5	34	80	20	FS/20x1,5
100	105	40	48	20	40	30	M20x1,5	34	80	20	FS/20x1,5

SKCM/ ..
MALE CLEVIS
CERNIERA MASCHIO

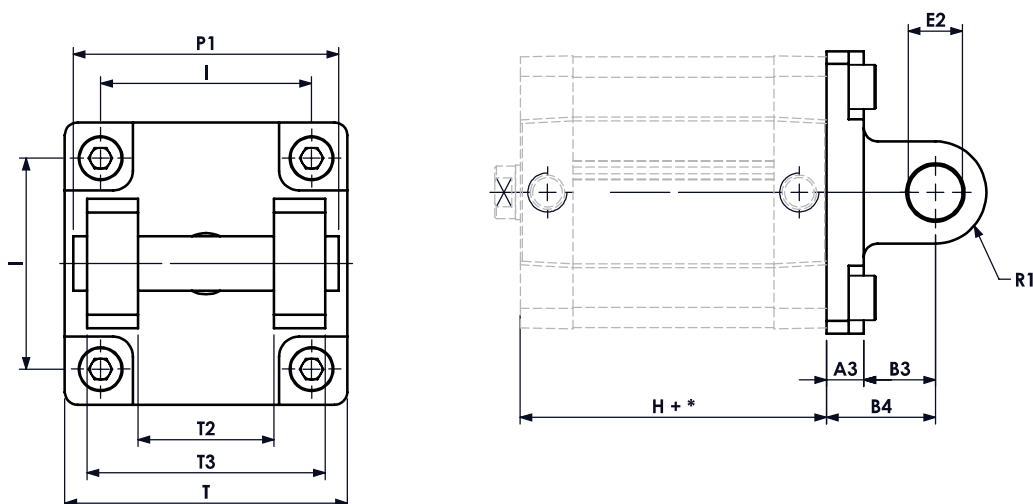
* = Stroke / Corsa



Bore Alesaggio	A3	B3	B4	E2	H	I	R1	T	T4	Code Codice
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	38	16	SKCM/25

SKCF/ ..
FEMALE CLEVIS
CERNIERA FEMMINA

* = Stroke / Corsa



Bore Alesaggio	A3	B3	B4	E2	H	I	P1	R1	T	T2	T3	Code Codice
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	103	50	90	SKCF/80
100	15	26	41	20	66,5	103	118	20	123	60	110	SKCF/100

FIXING ACCESSORIES FOR UNITOP

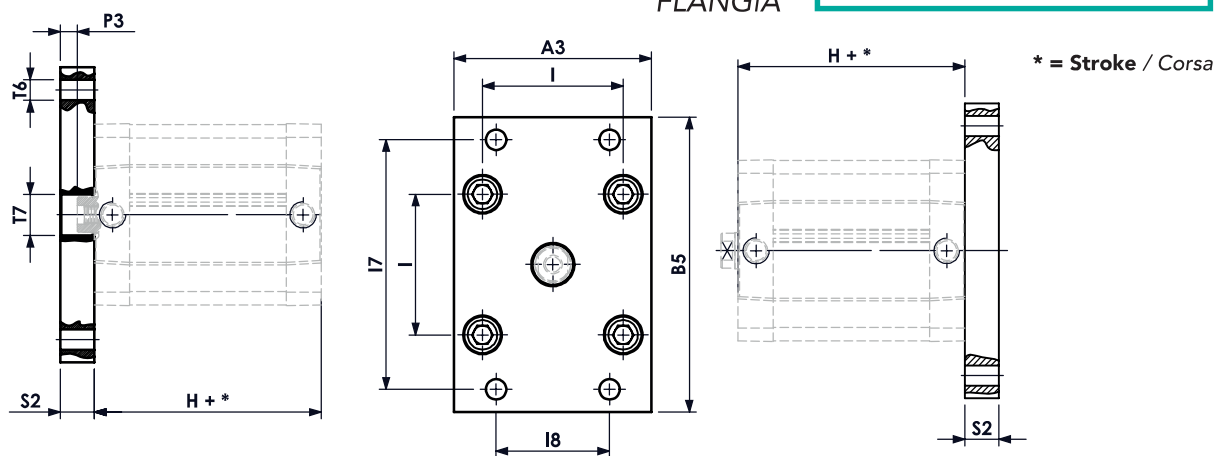
ACCESSORI DI FISSAGGIO PER CILINDRI UNITOP

NSK

SERIE

FLANGE FLANGIA

SKFL/ ..

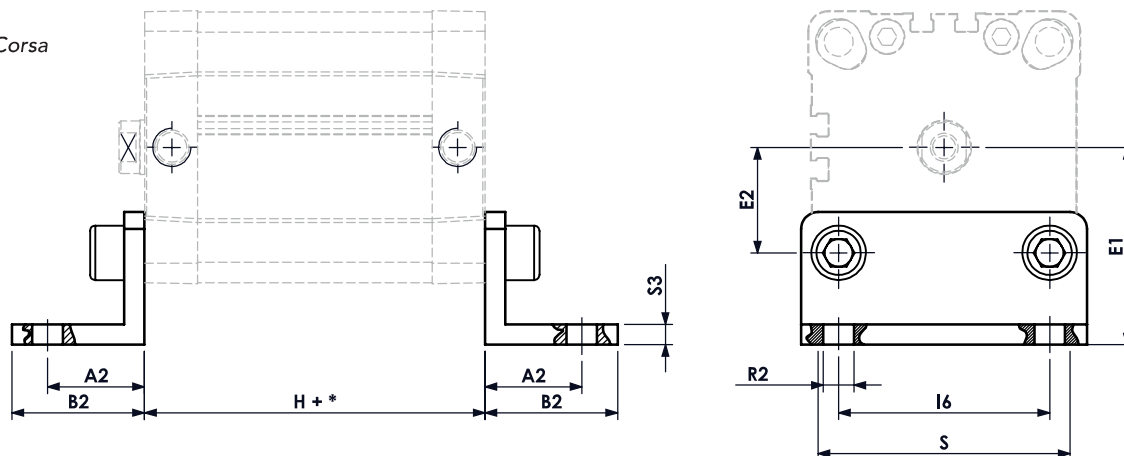


Bore Alesaggio	A3	B5	H	I	I7	I8	P3	S2	T6	T7	Code Codice
16	29	55	38	18	43	-	5,5	10	5,5	10	SKFL/16
20	36	70	38	22	55	-	5,5	10	6,5	12	SKFL/20
25	40	76	39,5	26	60	-	4,5	10	6,5	12	SKFL/25
32	50	80	44,5	32	65	32	4	10	7	14	SKFL/32
40	60	102	45,5	42	82	36	3,5	10	9	14	SKFL/40
50	68	110	45,5	50	90	45	4,5	12	9	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

FOOT PIEDINO

SKP/ ..

* = Stroke / Corsa

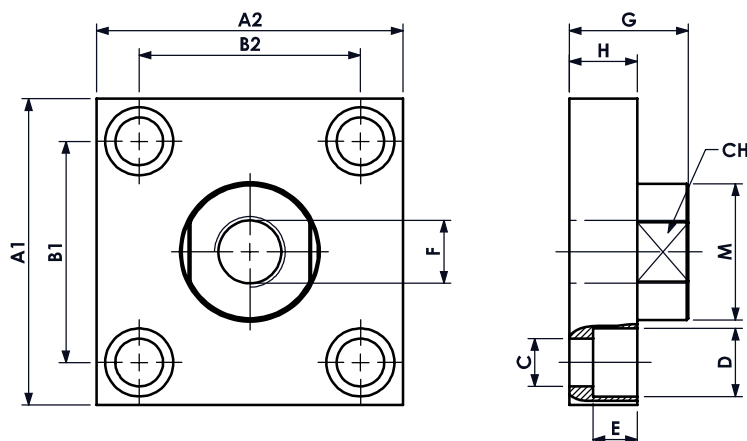


Bore Alesaggio	A2	B2	E1	E2	H	I6	R2	S	S3	Code Codice
16	13	17,5	22	9	38	18	5,5	30	3	SKP/16
20	16	22	27	11	38	22	6,5	36	4	SKP/20
25	16	22	30	13	39,5	26	6,5	40	4	SKP/25
32	18	26	32	16	44,5	32	6,5	50	5	SKP/32
40	20	28	42,5	21	45,5	42	9	60	5	SKP/40
50	24	32	47	25	45,5	50	9	68	6	SKP/50
63	27	39	59,5	31	50	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



FLOATING JOINT TYPE "F"
FLANGIA AUTOALLINEANTE

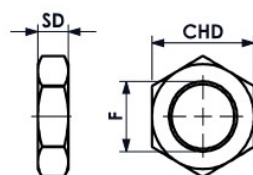
SAF/..



Bore Alesaggio	A1	A2	B1	B2	ØC	ØD	E	ØF	G	H	M	CH	Code Codice
32	60	37	36	23	6,6	11	7	M10x1,25	24	15	20	17	SAF/32
40	60	56	42	38	9	15	9	M12x1,25	30	20	25	19	SAF/40
50	80	80	58	58	11	18	11	M16x1,5	32	20	30	24	SAF/50-63
63	80	80	58	58	11	18	11	M16x1,5	32	20	30	24	SAF/50-63
80	90	90	65	65	14	20	13	M20x1,5	35	20	40	36	SAF/80-100
100	90	90	65	65	14	20	13	M20x1,5	35	20	40	36	SAF/80-100

ROD NUT
DADO STELO

DM..x..



Bore Alesaggio	CHD	SD	F	Code Codice
32	17	6	M10x1,25	DM/10x1,25
40	19	7	M12x1,25	DM/12x1,25
50	24	8	M16x1,5	DM/16x1,5
63	24	8	M16x1,5	DM/16x1,5
80	30	9	M20x1,5	DM/20x1,5
100	30	9	M20x1,5	DM/20x1,5

