

Аксессуары для цилиндров

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

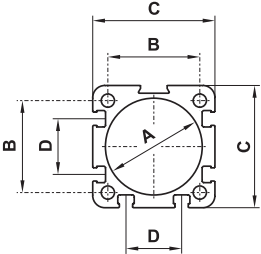
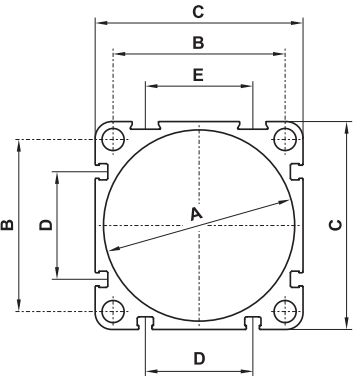
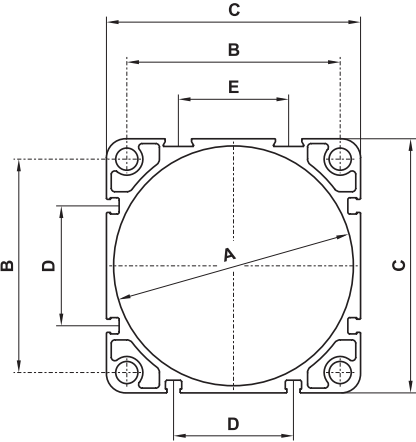
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

barre per camicia cilindri ISO 15552

barrel for cylinders ISO 15552 (ex ISO 6431)



profilo STANDARD per serie N

	codice di ordinazione order code	dimensioni - dimensions [mm]					peso weight [kg/m]
		A	B	C	D	E	
	000.510.7	ø32 H ₁₁	32.5	44.5	17	-	2.198
	000.511.7	ø40 H ₁₁	38	50.5	23	-	2.506
	000.512.7	ø50 H ₁₁	46.5	60.3	26	-	3.394
	000.513.7	ø63 H ₁₁	56.5	70	37	35	3.452
	000.514.7	ø80 H ₁₁	72	87	45	45	5.214
	000.515.7	ø100 H ₁₂	89	106	50	46	5.619
	000.516.7	ø125 H ₁₂	110	132	56	50	7.788

composizione chimica chemical composition	Cu ≤ 0.10	Fe ≤ 0.35	Mn ≤ 0.10	Mg 0.45 ÷ 0.90	Si 0.20 ÷ 0.60	Zn ≤ 0.10	Cr ≤ 0.10	Ti ≤ 0.10	Al resto
--	--------------	--------------	--------------	-------------------	-------------------	--------------	--------------	--------------	-------------

Fori di fissaggio

dal ø32 al ø125 : predisposti per la filettatura metrica mediante rullatura o per l'impiego di viti autofilettanti

Fixing holes

from ø32 to ø125 : prepared for metric thread through rolling or self-tapping screws

profilo EASY per serie E

	codice di ordinazione order code	dimensioni - dimensions [mm]					peso weight [kg/m]
		A	B	C	D	E	
	000.530.7	ø32 H11	36	32.5	44.4	13±0.2	1.407
	000.531.7	ø40 H11	44	38	51	18.8±0.2	1.644
	000.532.7	ø50 H11	54	46.5	60.8	22.4±0.25	2.035
	000.533.7	ø63 H11	67	56.5	70.9	32.6±0.3	2.312
	000.534.7	ø80 H11	84	72	87	41±0.3	2.877
	000.535.7	ø100 H12	104.5	89	105.5	53±0.3	3.873
	000.536.7	ø125 H12	130	110	131	64±0.35	5.316

composizione chimica chemical composition	Cu ≤ 0.10	Fe ≤ 0.35	Mn ≤ 0.10	Mg 0.45÷0.90	Si 0.20÷0.60	Zn ≤ 0.10	Cr ≤ 0.10	Ti ≤ 0.10	Al resto
--	--------------	--------------	--------------	-----------------	-----------------	--------------	--------------	--------------	-------------

Fori di fissaggio

dal ø32 al ø125 : predisposti per la filettatura metrica mediante rullatura o per l'impiego di viti autofilettanti

Fixing holes

from ø32 to ø125 : prepared for metric thread through rolling or self-tapping screws

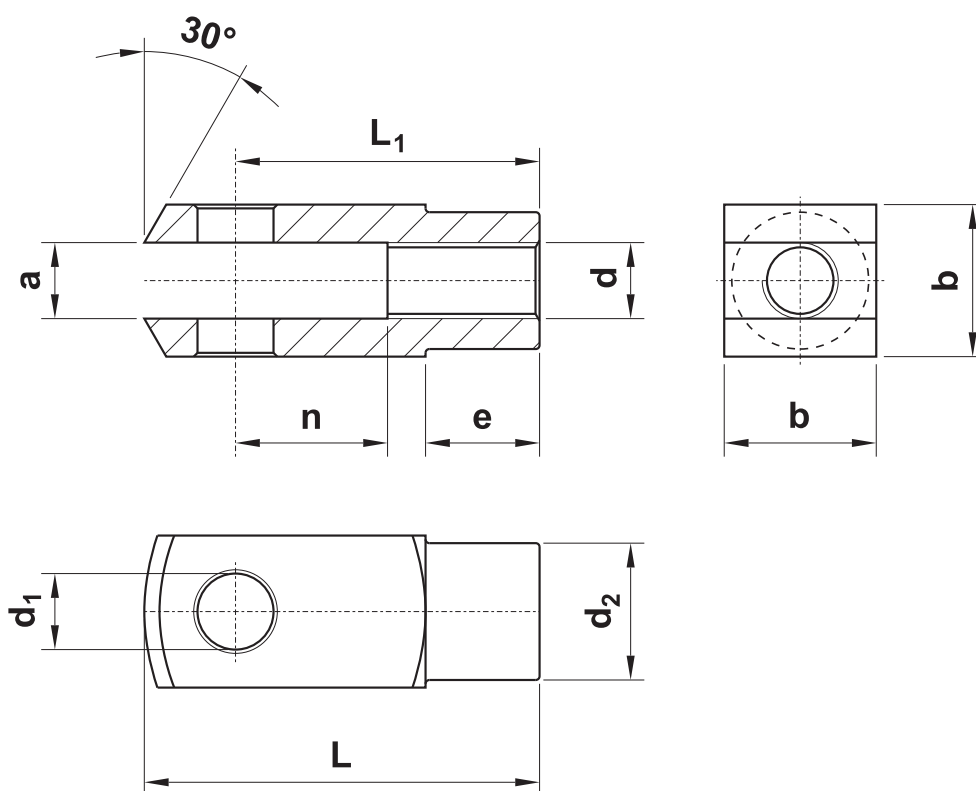
profilo TONDO per cilindri con tiranti (ROUND profile for cylinders with tie-rods)

	codice di ordinazione <i>order code</i>	dimensioni - <i>dimensions</i> [mm]		peso <i>weight</i> [kg/m]
		A	B	
	24.032.7	ø32 H11	36	0.576
	24.044.7	ø40 H11	44	0.712
	24.050.7	ø50 H11	55	1.113
	24.063.7	ø63 H11	68	1.388
	24.085.7	ø80 H11	85	1.749
	000.191.7	ø100 H12	106	2.621
	000.519.7	ø125 H12	132	3.813
	000.517.7	ø160 H13	170	6.996
	000.518.7	ø200 ⁺¹ ₋₀	210	8.692

composizione chimica <i>chemical composition</i>	Cu ≤ 0.10	Fe ≤ 0.35	Mn ≤ 0.10	Mg 0.45 ÷ 0.90	Si 0.20 ÷ 0.60	Zn ≤ 0.10	Cr ≤ 0.10	Ti ≤ 0.10	Al resto
---	--------------	--------------	--------------	-------------------	-------------------	--------------	--------------	--------------	-------------

FORCELLE

forks

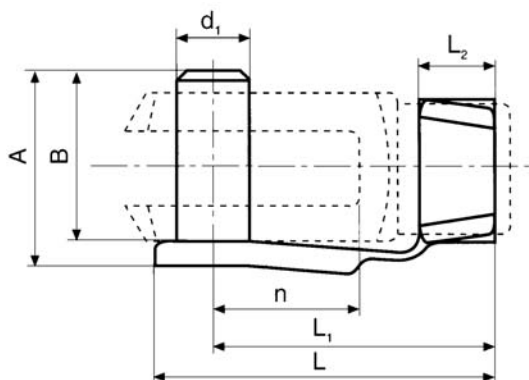


6

sigla part number	per alesaggi for bores	d	a	b	d ₁	d ₂	e	L	L ₁	n	fornita con it is supplied with
FR8C10	8-10	M4x0.7	4	8	ø4	ø8	6	21	16	8	clip
FR12C16	12-16	M6x1	6	12	ø6	ø10	9	31	24	12	clip
FRC20	20	M8x1.25	8	16	ø8	ø14	12	42	32	16	clip
FR25C32	25-32	M10x1.25	10	20	ø10	ø18	15	52	40	20	clip
FRC40	40	M12x1.25	12	24	ø12	ø20	18	62	48	24	clip
FR50C63	50-63	M16x1.5	16	32	ø16	ø26	24	83	64	32	clip
FR80C100	80-100	M20x1.5	20	40	ø20	ø34	30	105	80	40	clip
FRC125	125	M27x2	30	55	ø30	ø48	38	148	110	54	perno (pin)
FR160C200	160-200	M36x2	35	70	ø35	ø60	40	188	144	72	perno (pin)
FRC250	250	M42x2	40	85	ø40	ø70	63.5	232	168	84	perno (pin)

CLIPS PER FORCELLE

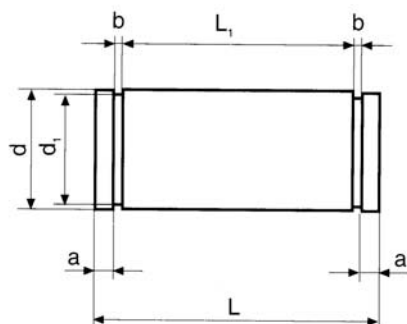
clips for forks



codice code	usata per forcella it is used for fork	d ₁	n	A	B	L	L ₁	L ₂
26.119.0	M4x0.7	4	8	11	9	19	15	5
26.120.0	M6x1	6	12	16	14	28	23	6
26.121.0	M8x1.25	8	16	22	19	37	31	8
26.122.0	M10x1.25	10	20	26	23	46	39	10
26.123.0	M12x1.25	12	24	32	28	55	47	12
26.124.0	M16x1.5	16	32	40	36	72	62	14
26.125.0	M20x1.5	20	40	48	44	88	72	16

PERNI PER FORCELLE

pins for forks



usato per forcella it is used for fork	d	L	d ₁	L ₁	a	b
M27x2	30	65	28.6	55	3.4	1.6
M36x2	35	84	33.4	70	5.4	1.6

DADI PER STELO

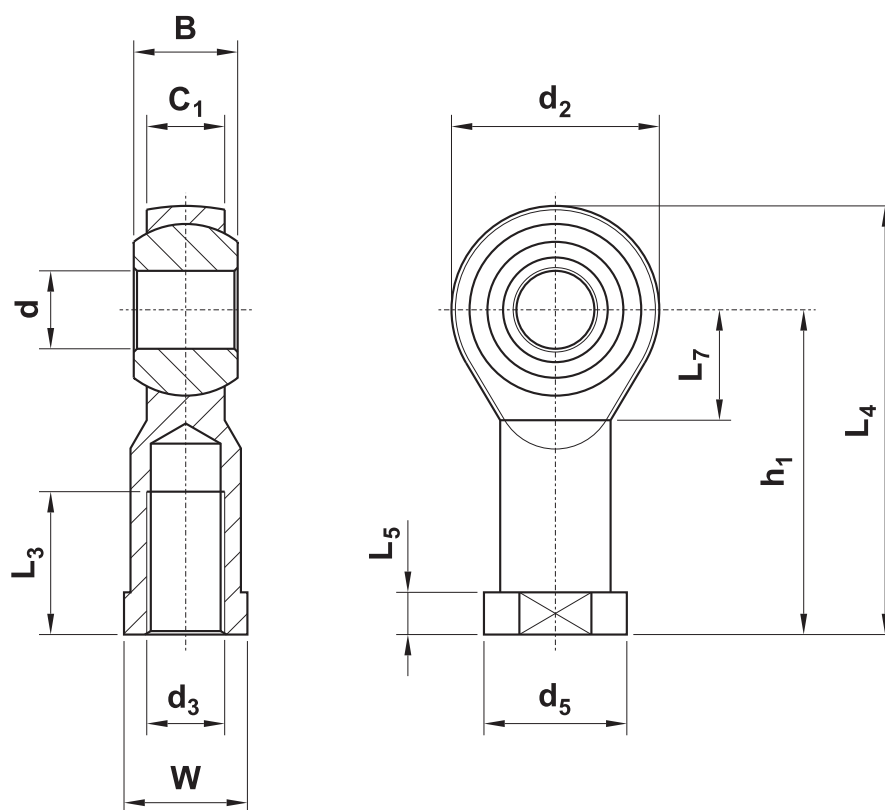
nuts for piston-rod



sigla part number	STANDARD	codice code	sigla part number	INOX	codice code	per alesaggio for bore	filetto thread	chiave key
DSMC8-10		26.196.2				8-10	M4x0.7	7
DSMC12-16		26.197.2				12-16	M6x1	10
DSMC20		26.198.2				20	M8x1.25	13
DSIS032		21.750.0	DSIS032X		21.757.0	25-32	M10x1.25	17
DSIS040		21.751.0	DSIS040X		21.758.0	40	M12x1.25	19
DSIS05063		21.752.0	DSIS05063X		21.759.0	50-63	M16x1.5	24
DSIS080100		21.753.0	DSIS080100X		21.760.0	80-100	M20x1.5	30
DSIS125		21.754.0	DSIS125X		21.761.0	125	M27x2	41
DSIS160200		21.755.0	DSIS160200X		21.762.0	160-200	M36x2	55

TESTE A SNODO

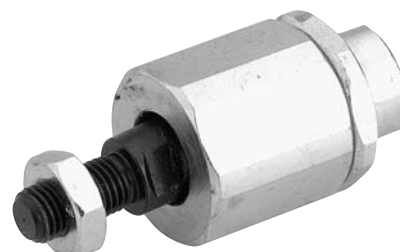
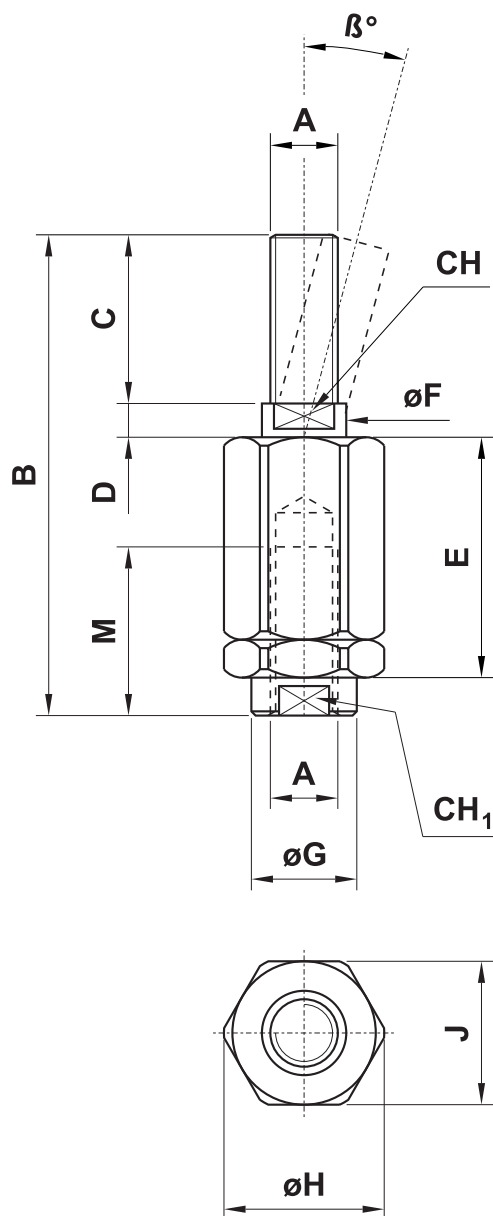
jointing balls



sigla part nr.	STANDARD	sigla part nr.	INOX	per alesaggi for bores	d ₃	d	B	C ₁	d ₂	d ₅	h ₁	L ₃	L ₄	L ₅	L ₇	W
TS8T10		TS8T10X		8-10	M4x0.7	ø5	8	6	18	ø11	27	10	36	4	10	9
TS12T16		TS12T16X		12-16	M6x1	ø6	9	6.75	20	ø13	30	12	40	5	11	11
TST20		TST20X		20	M8x1.25	ø8	12	9	24	ø16	36	16	48	5	13	14
TS25T32		TS25T32X		25-32	M10x1.25	ø10	14	10.5	28	ø19	43	20	57	6.5	15	17
TST40		TST40X		40	M12x1.25	ø12	16	12	32	ø22	50	22	66	6.5	17	19
TS50T63		TS50T63X		50-63	M16x1.5	ø16	21	15	42	ø27	64	28	85	8	23	22
TS80T100		TS80T100X		80-100	M20x1.5	ø20	25	18	50	ø34	77	33	102	10	27	30
TST125		TST125X		125	M27x2	ø30	37	25	70	ø50	110	51	145	15	36	41
TS160T200		TS160T200X		160-200	M36x2	ø35	43	28	80	ø58	125	56	165	17	41	50

SNODI AUTOALLINEANTI

self-aligning joints



sigla part number	per alesaggi for bores	A	B	C	D	E	F	G	H	J	M	CH	13°	CH ₁
SN12D16	12-16	M6x1	35	10	3.5	17.5	6	8.5	14.5	13	10	5	10	7
SND20	20	M8x1.25	57	20	4	28.5	8	12.5	19	17	20	7	10	11
SN25D32	25-32	M10x1.25	71	20	5	35	14	22	32	30	20	12	10	19
SND40	40	M12x1.25	75	24	5	35	14	22	32	30	20	12	10	19
SN50D63	50-63	M16x1.5	103	32	8	54	22	32	45	41	32	20	10	30
SN80D100	80-100	M20x1.5	119	40	8	54	22	32	45	41	40	20	10	30
SND125	125	M27x2	147	54	10	60	32	57	70	65	48	24	8	54

SOFFIETTI DI PROTEZIONE PER STELO

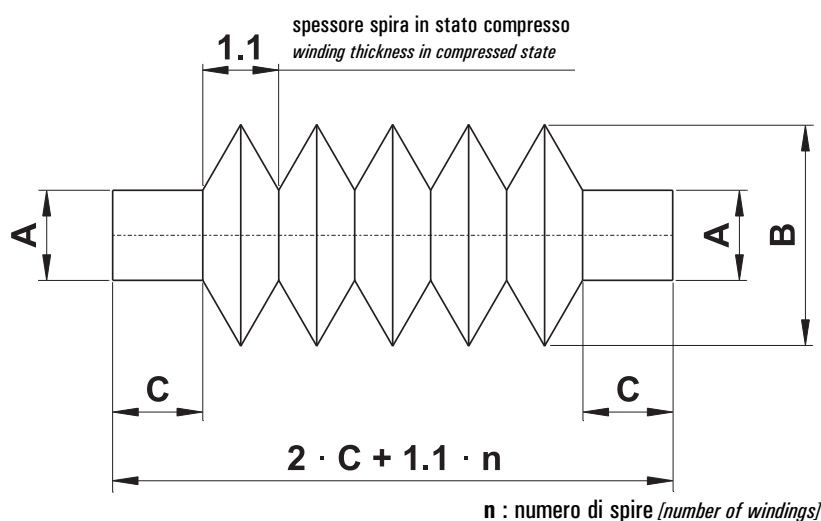
piston rod protection covers

Soffietto di protezione per stelo cilindri ISO 15552, realizzato in stoffa cucita a doppio strato, resistente a polvere, acqua e olio. Colore: blu.

Il soffietto deve essere fissato al cilindro mediante due fascette (non fornite insieme al soffietto).

Piston rod protection cover for ISO 15552 cylinders, in double-sided hyped-up cloth (fabric). Water, oil and dust resistant. Colour: blue.

The protection cover must be fixed on the piston rod by two clamps, not provided with the protection cover.



SO	A	1	0
----	---	---	---

identificazione taglia
size identification

numero spire
number of windings



per cilindro ø for cylinder ø	A	B	C	spire per 100 mm di corsa number of windings for 100 mm stroke	identif. taglia size identification
32; 40	30	60	36	10	A
50; 63; 80	40	80	46	8	B
100; 125	55	130	40	4	C
160; 200	70	155	55	3	D
250; 320	110	180	60	3	E

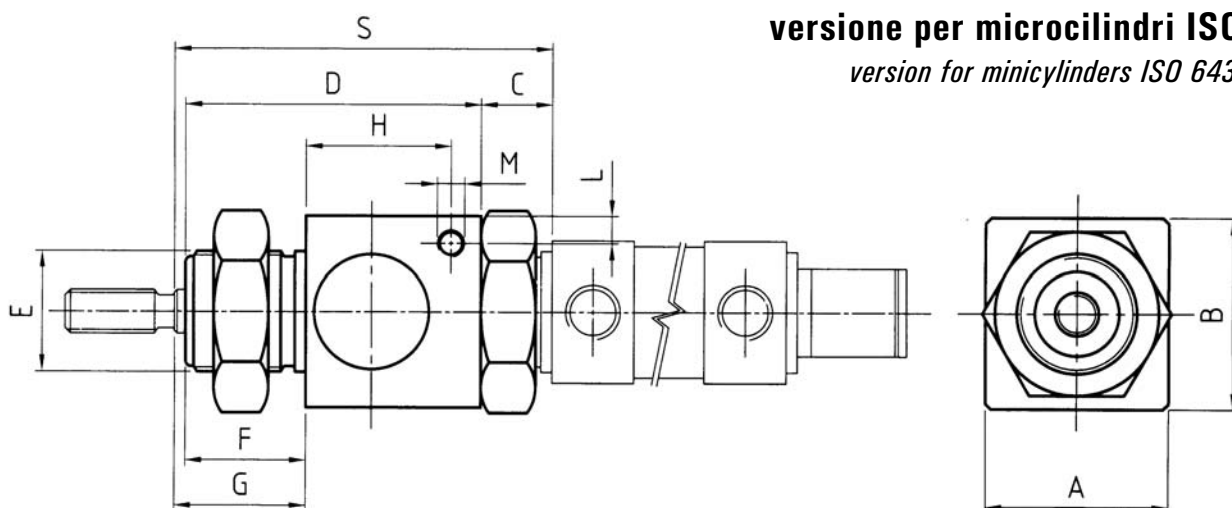
alesaggio bore	corsa massima (mm) maximum stroke (mm)	nr. corrispondente di spire corresponding number of windings
32	90	9
40	90	9
50	130	11
63	130	11
80	140	12
100	330	14
125	550	22
160	870	27
200	1170	36

Corsa massima del cilindro oltre la quale si consiglia di aumentare la quota D della sporgenza stelo (vedi pag. 523-525) di 1.1 mm per ogni spira del soffietto.

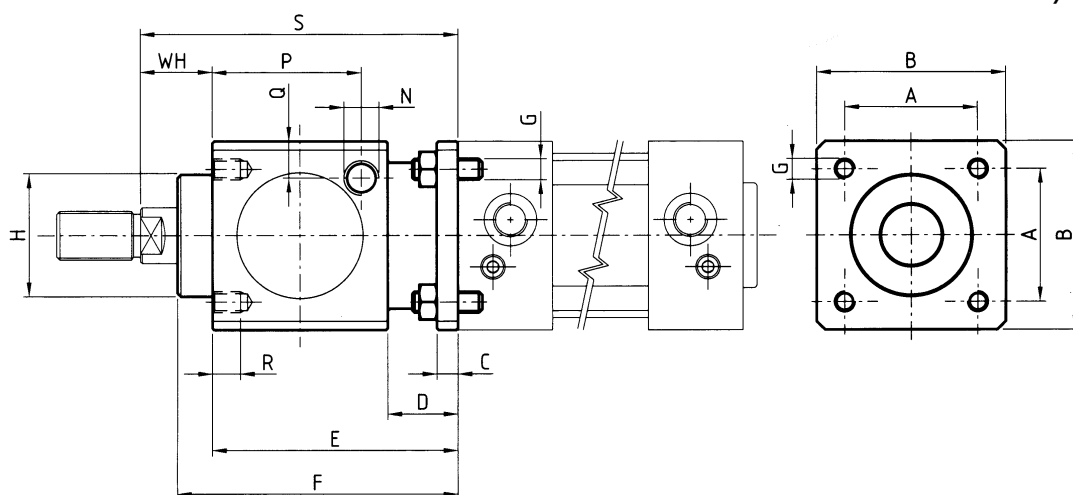
Esempio: per un cilindro alesaggio 80 corsa 300 sono necessarie 24 spire. Occorre dunque prolungare lo stelo di $(24-12) \times 1.1 \text{ mm} = 13.2 \text{ mm}$. Il cilindro con stelo prolungato deve essere ordinato come speciale all'ufficio commerciale.

If the cylinder stroke is longer than the value in this table, we advise to increase the dimension D of the piston rod length (refer to pages 523-525) by 1.1 mm for each winding.

Example: a cylinder bore 80 and stroke 300 needs 24 windings. It is necessary to increase the piston rod length by $(24-12) \times 1.1 \text{ mm} = 13.2 \text{ mm}$. The cylinder with longer piston rod must be ordered as special (please contact the commercial office).

versione per microcilindri ISO 6432
version for minicylinders ISO 6432


modello model	per alesaggi for bores	A	B	C	D	E	F	G	H	L	M	S
BM020	20	35	33.5	13	54	M22x1.5	22	24	26.5	4.5	M5	71
BM025	25	35	33.5	13	54	M22x1.5	22	28	26.5	4.5	M5	73

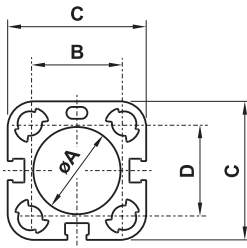
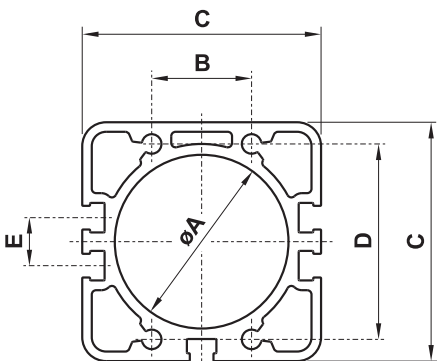
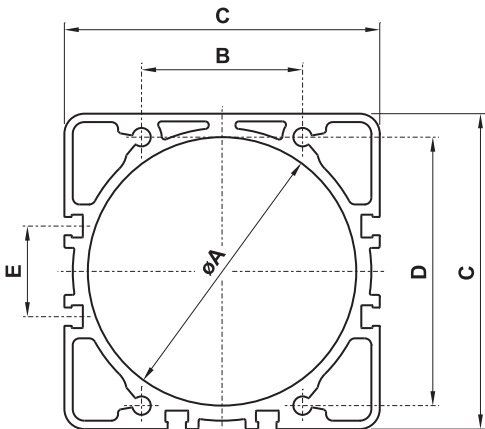
versione per cilindri ISO 15552
version for cylinders ISO 15552


sigla part number	per alesaggi for bores	A	B	C	D	E	F	G	H	WH	N	P	Q	R	S
BM032	32	32.5	47	6	22.5	60	67.5	M6	30	26	G1/8"	33.5	9.5	8	86
BM040	40	38	54	6	20	70	80	M6	35	30	G1/8"	42.5	10.5	8	100
BM050	50	46.5	65	8	24	90	100	M8	40	32	G1/8"	58	12.5	12	122
BM063	63	56.5	75	8	24	90	100	M8	45	37	G1/8"	59	17.5	12	127
BM080	80	72	95	12	32	110	120	M10	45	46	G1/4"	69	17.5	16	156
BM100	100	89	114	12	32	110	120	M10	55	51	G1/4"	69	27	16	161
BM125	125	110	140	20	45	140	156	M12	60	65	G1/4"	84.5	20	20	205

barre per camicia cilindri compatti

barrel for compact cylinders



	codice di ordinazione order code	dimensioni - dimensions [mm]					peso weight [kg/m]
		A	B	C	D	E	
	000.552.7	ø25 ^{H11}	26	39.7	26	-	2.045
	000.553.7	ø32 ^{±0.1}	18.5	48.2	39	11.05	2.075
	000.554.7	ø40 ^{±0.1}	23	55	45	11.05	2.52
	000.555.7	ø50 ^{±0.1}	29	68	55	10	3.384
	000.556.7	ø63 ^{±0.125}	38	79	65	19	4.155
	000.557.7	ø80 ^{±0.125}	48	94	80	27	5.371
	000.558.7	ø100 ^{+0.2 -0.1}	62	114.5	99	40	7.641

composizione chimica chemical composition	Cu ≤ 0.10	Fe 0.10 ÷ 0.30	Mn ≤ 0.10	Mg 0.35 ÷ 0.60	Si 0.30 ÷ 0.60	Zn ≤ 0.15	Cr ≤ 0.05	Ti ≤ 0.10	Al resto
--	--------------	-------------------	--------------	-------------------	-------------------	--------------	--------------	--------------	-------------

Fori di fissaggio

dal ø25 al ø100 : predisposti per l'uso di viti autofilettanti

Fixing holes

from ø25 to ø100 : prepared for the use of self-tapping screws

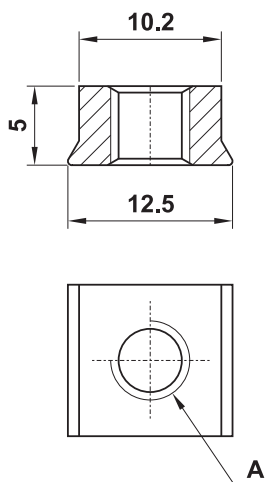
dadi per fissaggio in cava

fixing nuts



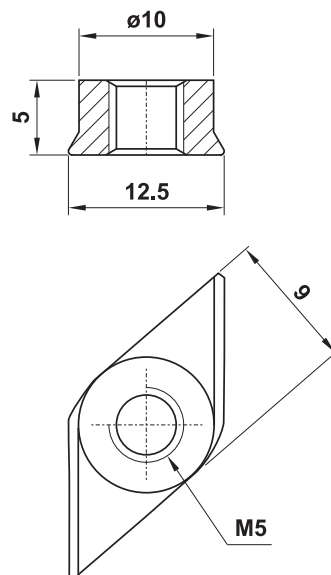
sigla part number	codice order code	A
DCCB 16/32	26.156.0T	M5
DCCB 32/100	26.157.0T	M6

Permette di fissare un cilindro corsa breve a parete.
It can be used to fix a short stroke cylinder on the side.



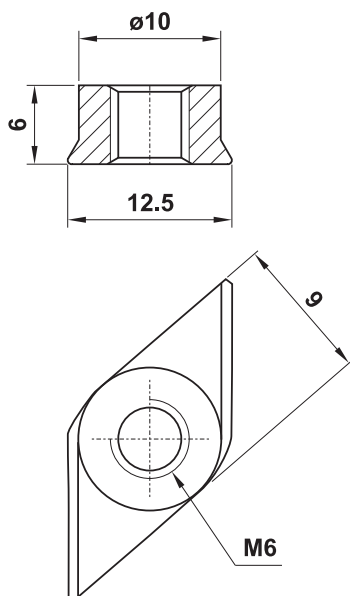
26.374.0T

Permette di fissare un cilindro ISO 15552 serie N a parete.
Si utilizza anche per fissare su un cilindro ISO 15552 serie N le interfacce per valvole, di cui alle pagine 229 e 954.
It can be used to fix a cylinder ISO 15552 series N on the side, and to mount on a cylinder ISO 15552 series N an interface for valves (refer to page 229 and 954).



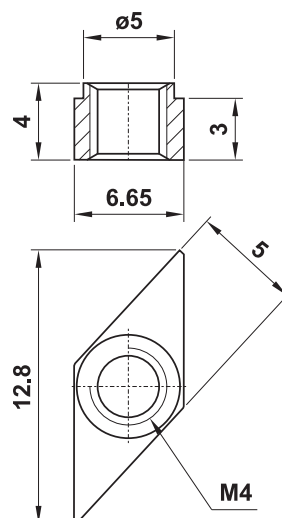
26.375.0T

Permette di fissare un cilindro ISO 15552 serie N a parete.
It can be used to fix a cylinder ISO 15552 series N on the side.



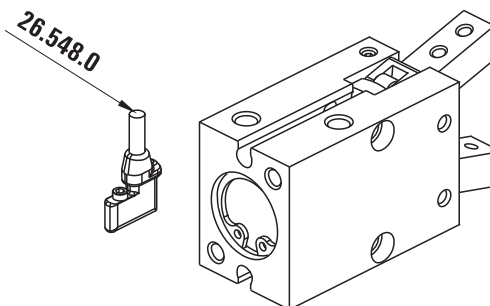
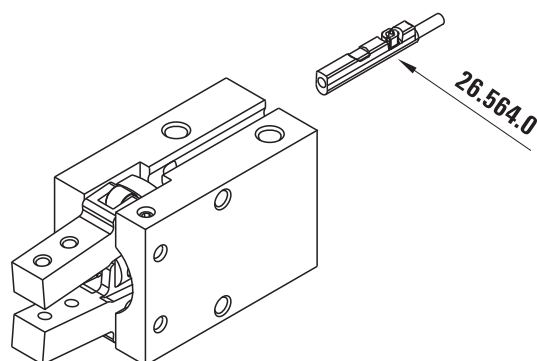
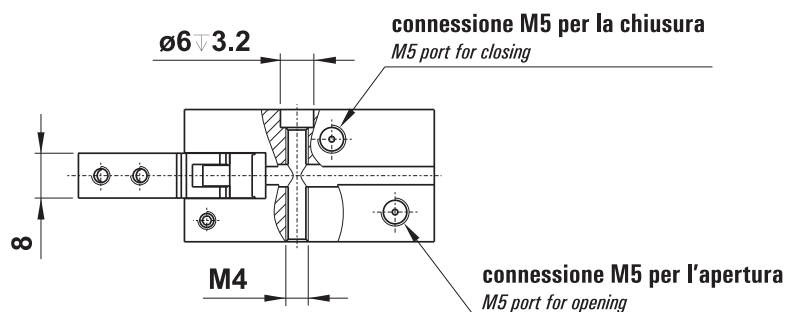
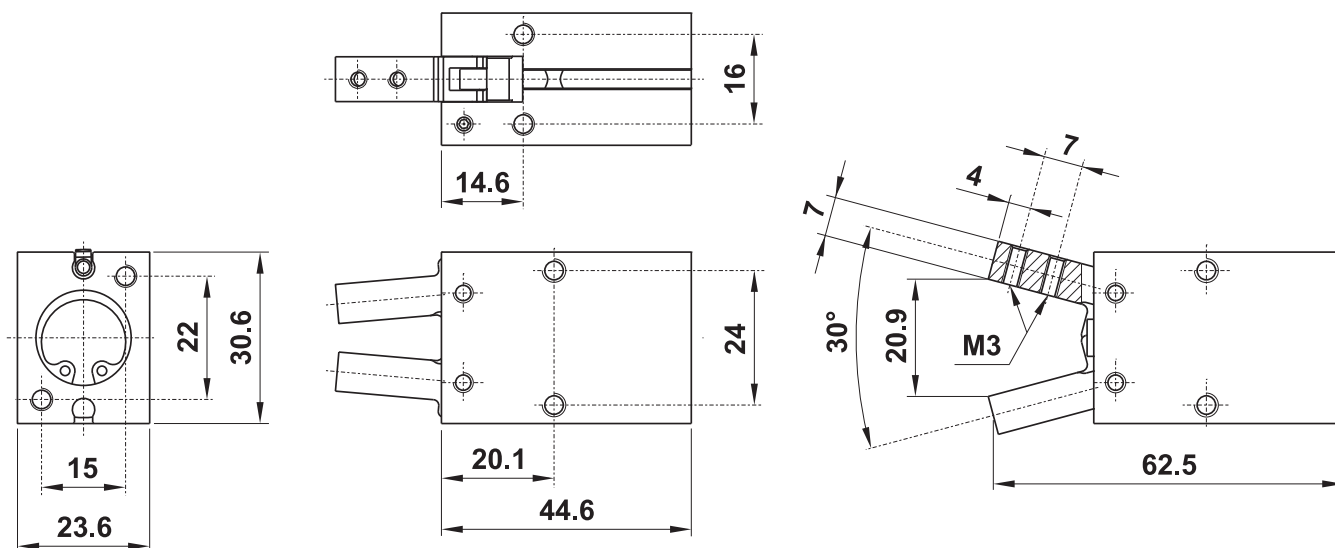
26.376.0T

Si utilizza per fissare su un cilindro ISO 15552 serie E le interfacce per valvole, di cui alla pagina 230.
It can be used to mount on a cylinder ISO 15552 series E an interface for valves (refer to page 230).



pinza pneumatica ø16 angolare

angular pneumatic gripper ø16



CODICE DI ORDINAZIONE ORDER CODE		34.320.4
Attacchi Ports	M5	
Temperatura di esercizio Temperature range	-5 ... +70°C	
Pressione di alimentazione Inlet pressure range	1 ... 7 bar 0.1 ... 0.7 MPa	
Corsa totale di apertura Total opening stroke	-10° ... +30°	
Massima frequenza di esercizio Maximum working frequency	190 cicli/min	
Momento di spinta a 5 bar Gripping moment at 5 bar	0.4 Nm	
Funzionamento Working system	Magnetico, doppio effetto Magnetic, double acting	
Fluido Fluid	Aria filtrata 50μ con o senza lubrificazione 50μ filtered, lubricated or non lubricated air	

Materiali

Corpo: alluminio anodizzato

Dita di presa: acciaio

Pistone: acciaio INOX AISI 304

Guarnizioni: poliuretano

Materials

Body: aluminium (anodize treatment)

Gripping fingers: steel

Piston: stainless steel AISI 304

Seals: polyurethane

cilindro singolarizzatore

singularizing cylinder



Modalità di funzionamento

Il singolarizzatore si utilizza per fermare uno o più pallet in accumulo, su piastre di collegamento pallet definite nel sistema di trasporto o direttamente sul pezzo.

È un cilindro pneumatico a doppio effetto magnetico con molla posteriore di sicurezza. Se pressurizzato, il singolarizzatore torna in posizione di blocco (il dente di arresto si sposta verso l'alto) e il pallet viene fermato.

Con i sensori per cava a T (vedi pag. 654-655) possono essere controllate la posizione superiore e inferiore del dente di arresto.

Peso pallet ammesso: 400 kg (velocità di trasporto 6 m/min). Si intende il peso totale (pallet + pezzo) e non la forza assiale.

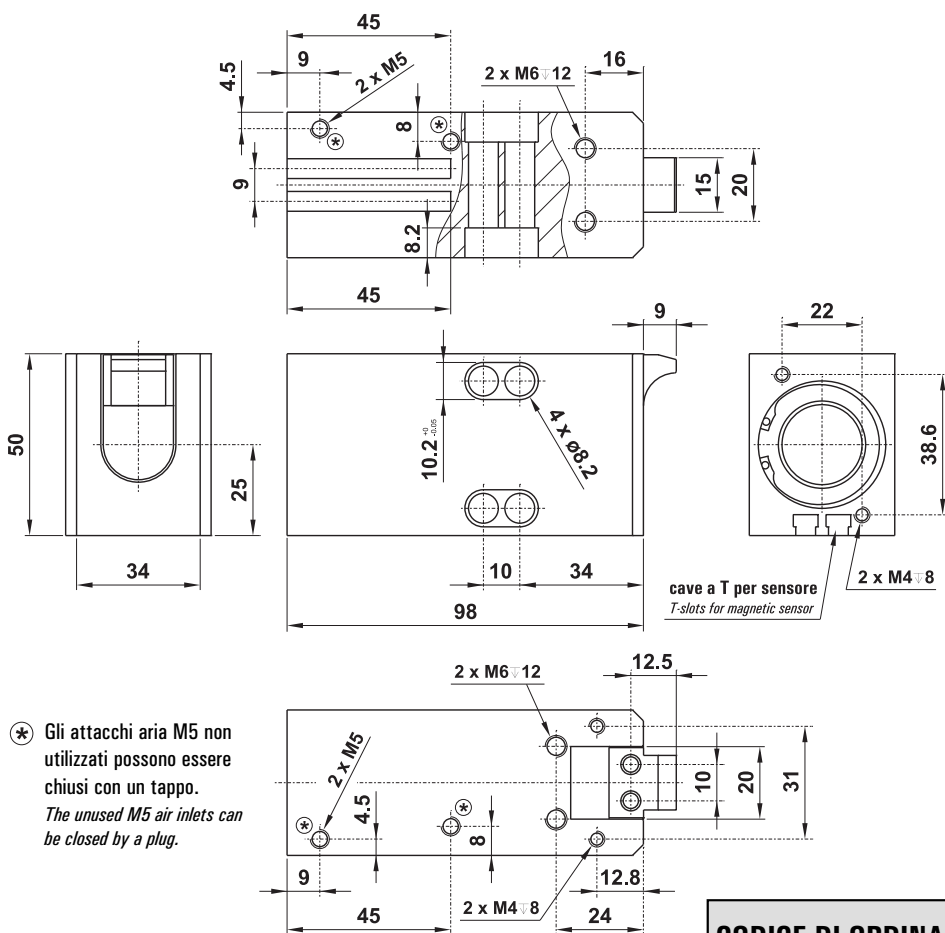
Operating mode

The singularizing cylinder is used to stop one or more pallets in storage, on the pallet connection plates or directly on the piece.

It is a double-acting magnetic pneumatic cylinder with a rear safety spring. If pressurized, the singularizer returns to the locked position (the stop tooth moves upwards) and the pallet is stopped.

The upper and lower position of the tooth can be checked using T-slot sensors (see pages 654-655).

Permitted pallet weight: 400 kg (transport speed 6 m/min). It is the total weight (pallet + piece) and not the axial force.



⊛ Gli attacchi aria M5 non utilizzati possono essere chiusi con un tappo.
The unused M5 air inlets can be closed by a plug.

Materiali

Corpo: alluminio anodizzato duro

Dente di arresto: acciaio nichelato

Pistone: alluminio

Guarnizioni: poliuretano o VITON

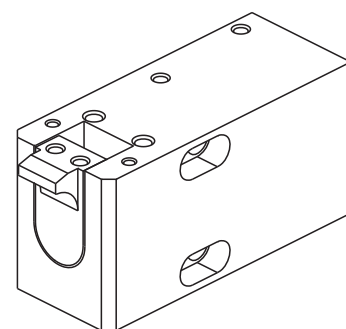
Materials

Body: aluminium (hard anodize treatment)

Stop tooth: nickel plated steel

Piston: aluminium

Seals: polyurethane or VITON



CODICE DI ORDINAZIONE ORDER CODE	21.141.4	21.141.4 VT
Attacchi Ports	M5	M5
Temperatura di esercizio Temperature range	-5 ... +80°C	-5 ... +120°C
Pressione di esercizio Working pressure range	4 ... 8 bar 0.4 ... 0.8 MPa	4 ... 8 bar 0.4 ... 0.8 MPa
Alesaggio del cilindro Cylinder bore	ø32 mm	ø32 mm
Corsa del cilindro Cylinder stroke	10 mm	10 mm
Funzionamento: doppio effetto Working system: double acting	Magnetico Magnetic	Non magnetico Non-magnetic
Fluido Fluid	Aria filtrata 50μ con o senza lubrificazione 50μ filtered, lubricated or non lubricated air	

barre per camicia cilindri compatti

barrel for compact cylinders



OBSOLETO
OBSOLETE

	codice di ordinazione order code	dimensioni - dimensions [mm]					peso weight [kg/m]
		A	B	C	D	E	
	000.523.7	$\varnothing 32^{+0.16}$	32.5	45	14.5	20.5	2.368
	000.524.7	$\varnothing 40^{+0.16}$	38	53	22	-	2.984
	000.525.7	$\varnothing 50^{+0.19}$	46.5	63	24	-	3.823
	000.526.7	$\varnothing 63^{+0.19}$	56.5	76.5	29	-	5.686
	000.527.7	$\varnothing 80^{+0.22}$	72	95	40	18	7.544
	000.528.7	$\varnothing 100^{+0.45}$	89	115	40	28	10.919

composizione chimica chemical composition	Cu ≤ 0.10	Fe $0.10 \div 0.30$	Mn ≤ 0.10	Mg $0.35 \div 0.60$	Si $0.30 \div 0.60$	Zn ≤ 0.15	Cr ≤ 0.05	Ti ≤ 0.10	Al resto
--	-------------------	------------------------	-------------------	------------------------	------------------------	-------------------	-------------------	-------------------	-------------

Fori di fissaggio

dal $\varnothing 32$ al $\varnothing 100$: predisposti per la filettatura metrica mediante rullatura

Fixing holes

from $\varnothing 32$ to $\varnothing 100$: prepared for metric thread through rolling

Description	Code
ALUMINUM PROFILE FOR SHIRT short stroke cylinders, standard length of the bars 3200 mm, ø100	000.508.7
ALUMINUM PROFILE FOR SHIRT short stroke cylinders, standard length of the bars 3200 mm, ø16	000.500.7
ALUMINUM PROFILE FOR SHIRT short stroke cylinders, standard length of the bars 3200 mm, ø20	000.501.7
ALUMINUM PROFILE FOR SHIRT short stroke cylinders, standard length of the bars 3200 mm, ø25	000.502.7
ALUMINUM PROFILE FOR SHIRT short stroke cylinders, standard length of the bars 3200 mm, ø32	000.503.7
ALUMINUM PROFILE FOR SHIRT short stroke cylinders, standard length of the bars 3200 mm, ø40	000.504.7
ALUMINUM PROFILE FOR SHIRT short stroke cylinders, standard length of the bars 3200 mm, ø50	000.505.7
ALUMINUM PROFILE FOR SHIRT short stroke cylinders, standard length of the bars 3200 mm, ø63	000.506.7
ALUMINUM PROFILE FOR SHIRT short stroke cylinders, standard length of the bars 3200 mm, ø80	000.507.7

Description	Code
C45 chromed steel for rods, bar length: 3000 or 6000 mm, ø10	000.599.7
C45 chromed steel for rods, bar length: 3000 or 6000 mm, ø12	000.600.7
C45 chromed steel for rods, bar length: 3000 or 6000 mm, ø16	000.601.7
C45 chromed steel for rods, bar length: 3000 or 6000 mm, ø20	000.602.7
C45 chromed steel for rods, bar length: 3000 or 6000 mm, ø25	000.603.7
C45 chromed steel for rods, bar length: 3000 or 6000 mm, ø32	000.604.7
C45 chromed steel for rods, bar length: 3000 or 6000 mm, ø40	000.605.7
C45 chromed steel for rods, bar length: 3000 or 6000 mm, ø8	000.598.7
CHROME-PLATED AISI 304 stainless steel for rods, bar length: 3000 or 6000 mm, ø12	000.620.7
CHROME-PLATED AISI 304 stainless steel for rods, bar length: 3000 or 6000 mm, ø16	000.621.7
CHROME-PLATED AISI 304 stainless steel for rods, bar length: 3000 or 6000 mm, ø20	000.622.7
CHROME-PLATED AISI 304 stainless steel for rods, bar length: 3000 or 6000 mm, ø25	000.623.7
CHROME-PLATED AISI 304 stainless steel for rods, bar length: 3000 or 6000 mm, ø32	000.624.7
AISI 304 stainless steel for rods, bar length: 3000 or 6000 mm, ø12	000.610.7
AISI 304 stainless steel for rods, bar length: 3000 or 6000 mm, ø16	000.611.7
AISI 304 stainless steel for rods, bar length: 3000 or 6000 mm, ø20	000.612.7
AISI 304 stainless steel for rods, bar length: 3000 or 6000 mm, ø25	000.613.7
AISI 304 stainless steel for rods, bar length: 3000 or 6000 mm, ø32	000.614.7
AISI 304 stainless steel for rods, bar length: 3000 or 6000 mm, ø40	000.615.7

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93