



COLONNETTE STERZO ***STEERING COLUMNS***





COLONNETTE STERZO STEERING COLUMNS

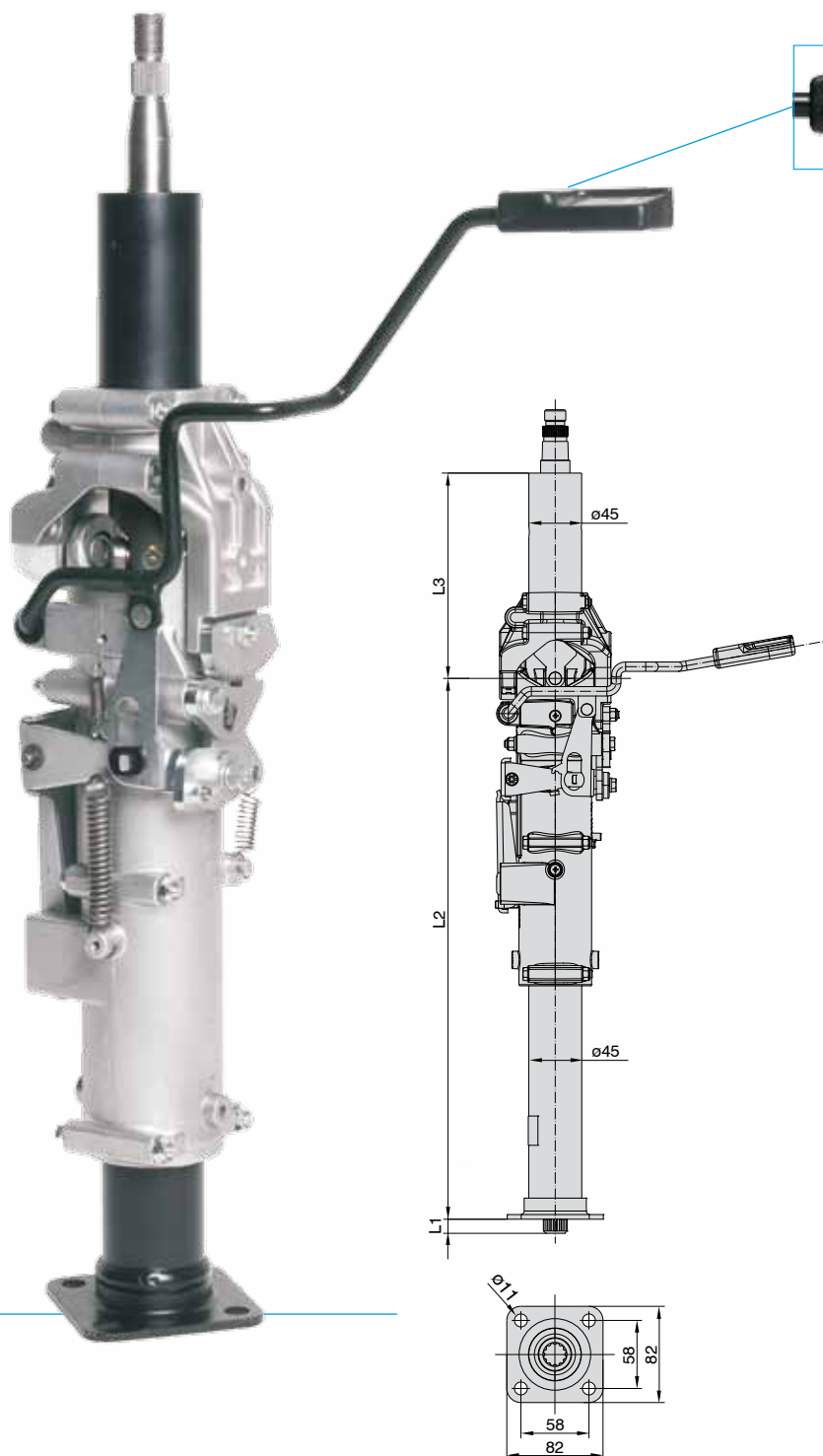
COBO Divisione MT già leader mondiale nella progettazione e produzione di volantini e colonnette complete per macchine agricole, movimento terra e carrelli elevatori; è lieta di presentare la propria produzione di piantoni sterzo: fissi, registrabili, telescopici, che includono alcuni brevetti frutto della continua innovazione del Nostro ufficio Ricerca e Sviluppo. Confermiamo la Nostra disponibilità a considerare le Vostre richieste di piantoni personalizzati a disegno del cliente.

COBO MT Division as worldwide leader in development and manufacturing of steering wheels, steering column kits for agricultural vehicles, earth moving machines and forklifts is glad to introduce its production range of steering columns in fixed, tiltable and telescopic version. We produce patented steering columns thanks to the support of our Research & Development Department. We confirm our complete disposal to analyse any enquiry from your side concerning tailored steering columns according to the customer specifications.



COLONNETTE STERZO STEERING COLUMNS

type **PATI**



Tipo attacco volante Steering wheel connection type	Type 1	Conicità - Cone k = 1:20
		Ø min. 23,33 +/- 0.03
	Type 4	Conicità - Cone k = 1:19,26
		Ø min. 21,55 +/- 0.03
		Dentatura - Teeth Z = 36 - 7/8"

L3 Lunghezza superiore Upper length	89 mm
	134 mm
	150 mm
L2 Lunghezza inferiore Lower length	290 mm
	366 mm
	466 mm
	566 mm
L1 Sporgenza pitch - Pitch protrusion ASA PROFILE 16/32"	6,5 mm
	10,5 mm
	48,5 mm
Angolo inclinazione conducente Driver inclination angle	15°
	24°
Angolo inclinazione parabrezza Windshield inclination angle	15°
	24°

OPZIONI - OPTIONS

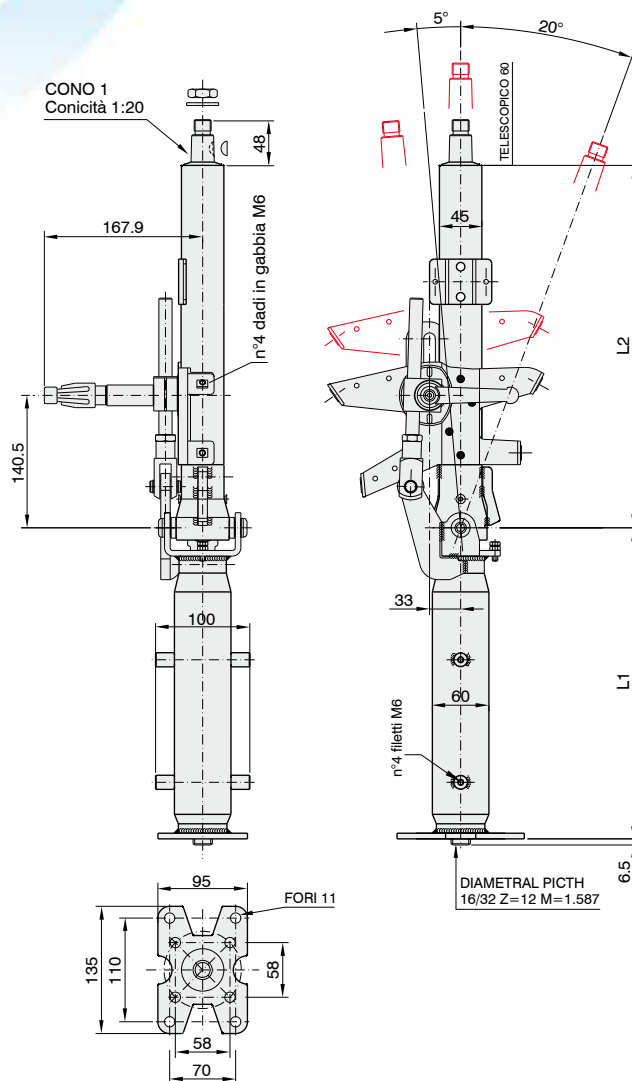
Telescopico - Telescopic	Corsa - Stroke 100 mm
Foro per installazione deviguada Fixing hole for steering column switch	Solo su lunghezza superiore Only upper length 150 mm
Rientro frecce Turn signals self-cancelling function	Solo su lunghezza superiore Only upper length 150 mm

type **PTIM**



**GRUPPO INCLINABILE
E TELESCOPICO.**

**TILTING AND TELESCOPIC
STEERING COLUMN UNIT.**



**BREVETTATO
PATENTED**

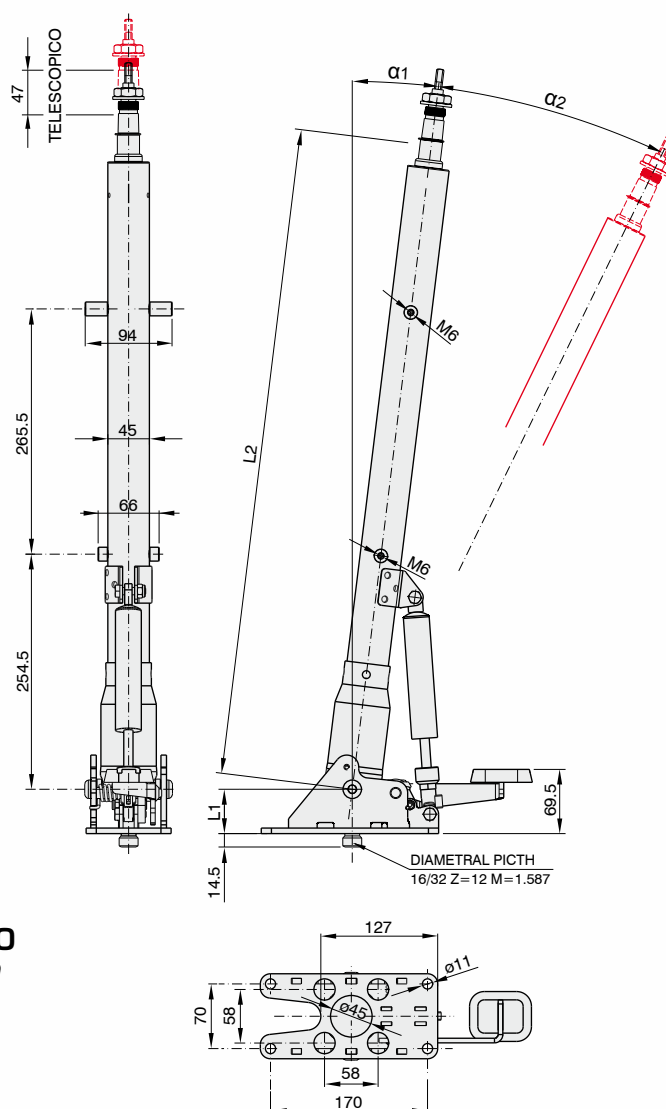
L1	L2	Cono Cone	CODICE - CODE
330	384	1	PTIM0001
130	323	4	PTIM0003
400	323	1	PTIM0005
330	323	1	PTIM0006
400	323	1	PTIM0007
375	323	1	PTIM0008
400	323	1	PTIM0009
375	413	4	PTIM0011
130	323	1	PTIM0013
330	360	1	PTIM0015
130	323	1	PTIM0017
330	323	1	PTIM0018
130	323	1	PTIM0019
130	384,5	1	PTIM0020
400	323	1	PTIM0021

L1	L2	Cono Cone	CODICE - CODE
400	323	1	PTIM0022
400	323	1	PTIM0023
130	323	1	PTIM0024
130	323	1	PTIM0026
130	323	4	PTIM0027
440	323	1	PTIM0028
400	323	1	PTIM0029
330	323	1	PTIM0030
400	322,4	1	PTIM0031
375	323	1	PTIM0032
130	323	4	PTIM0034
400	323	1	PTIM0035
130	323	1	PTIM0036
400	323	1	PTIM0037
130	323	1	PTIM0038



COLONNETTE STERZO STEERING COLUMNS

type **PRIB**



**BREVETTATO
PATENTED**

**GRUPPO INCLINABILE ALLA BASE
E TELESCOPICO AL VOLANTE.**

**FOOT TILTING AND TELESCOPIC
BY STEERING WHEEL KNOB UNIT.**

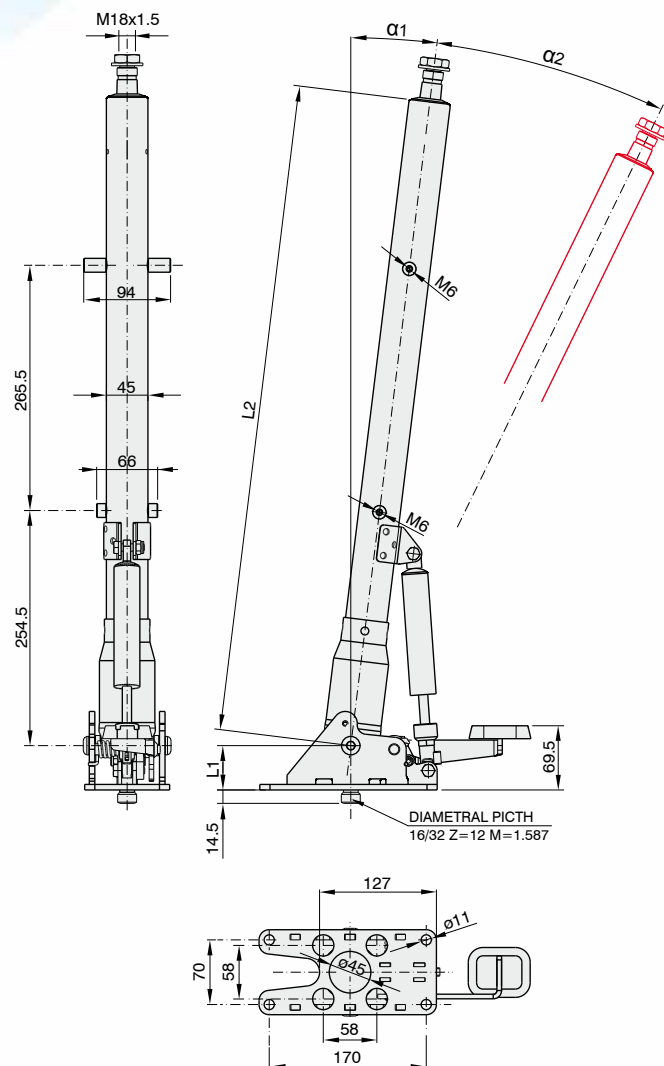
L1	L2	Cono Cone	Q1	Q2	Telescopico Telescopic	CODICE - CODE
48	675	4	7	19	47	PRIB0003
48	621	4	7	19	47	PRIB0004
48	675	4	7	22	47	PRIB0011
48	599	4	8	20	47	PRIB0012
48	675	4	7	19	47	PRIB0020
48	499	4	0	26	47	PRIB0021
48	675	4	3,5	22,5	47	PRIB0028

type **PSIB**



**GRUPPO INCLINABILE
ALLA BASE.**

**FOOT TILTING STEERING
COLUMN UNIT.**



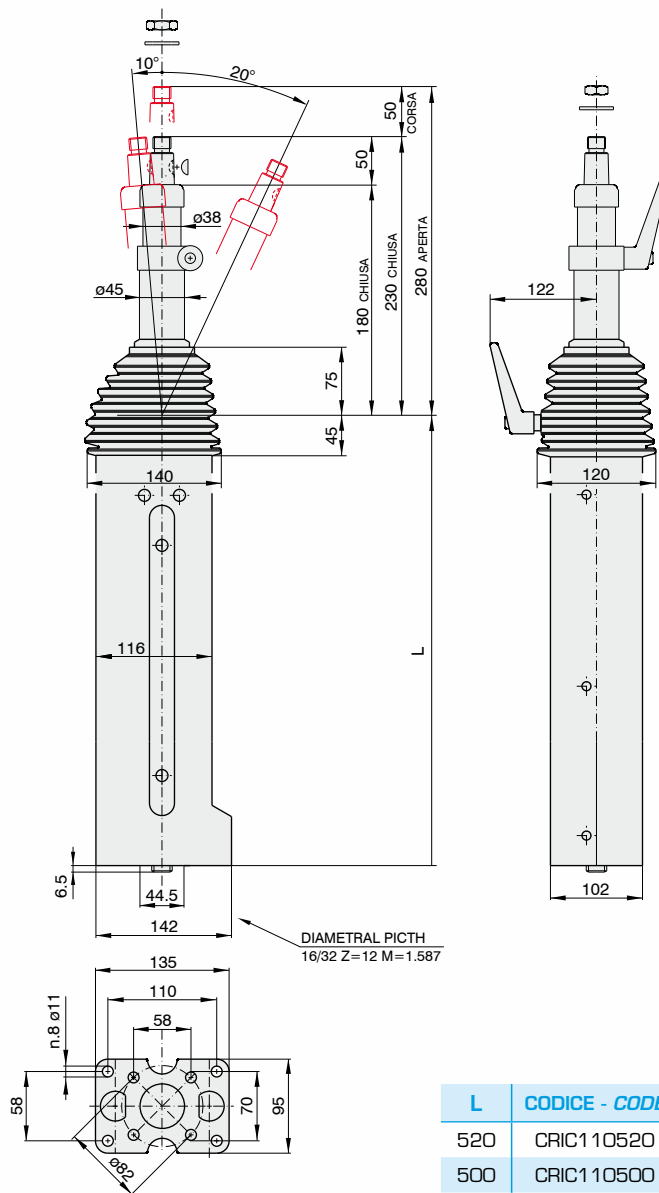
**BREVETTATO
PATENTED**

L1	L2	Cono Cone	Q1	Q2	CODICE - CODE
48	703	4	3,5	22,5	PSIB0007
48	703	4	7	19	PSIB0008
48	692	dedicato customized	7	19	PSIB0009
48	701	4	9	19	PSIB0011
48	702	dedicato customized	7	19	PSIB0012
48	702	1	7	19	PSIB0014
48	702	dedicato customized	7	19	PSIB0016
48	692	dedicato customized	6	17	PSIB0017
48	631	1	4	25	PSIB0019
48	692	dedicato customized	8,5	14,5	PSIB0020



COLONNETTE STERZO
STEERING COLUMNS

type **CRIC**

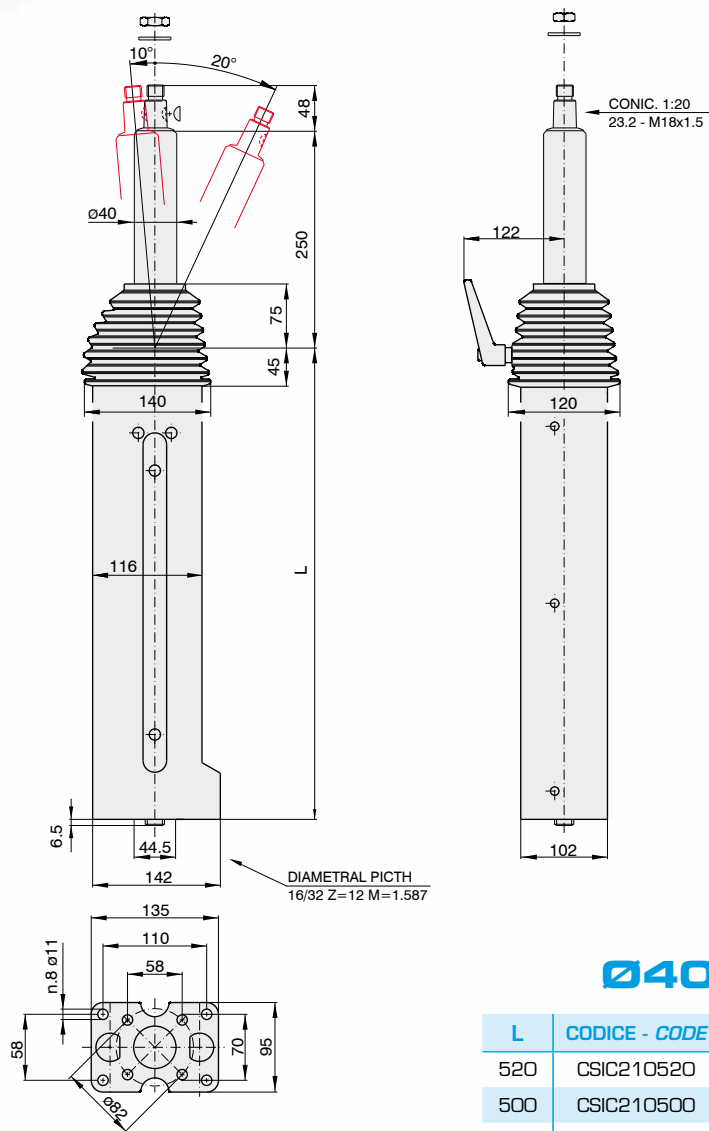


GRUPPO INCLINABILE E TELESOPICO
CONO 1 con CARTER.

TILTING AND TELESCOPIC STEERING COLUMN
UNIT CONE 1 with CARTRIDGE.

L	CODICE - CODE
520	CRIC110520
500	CRIC110500
450	CRIC110450
400	CRIC110400
350	CRIC110350
330	CRIC110330

type CSIC



Ø40

L	CODICE - CODE
520	CSIC210520
500	CSIC210500
450	CSIC210450
400	CSIC210400
350	CSIC210350

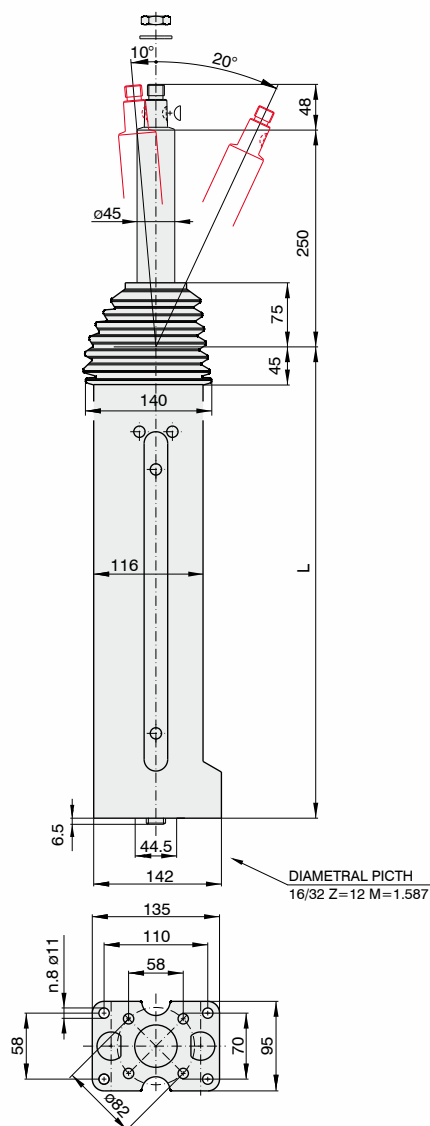
GRUPPO INCLINABILE disponibile con diametro tubo 40 - 45 mm. **CONO 1 con CARTER.**

TILTING STEERING COLUMN UNIT
available with jacket diameter 40 - 45 mm.
hub **CONE 1** with **CARTRIDGE**.



COLONNETTE STERZO STEERING COLUMNS

type **CSIC**



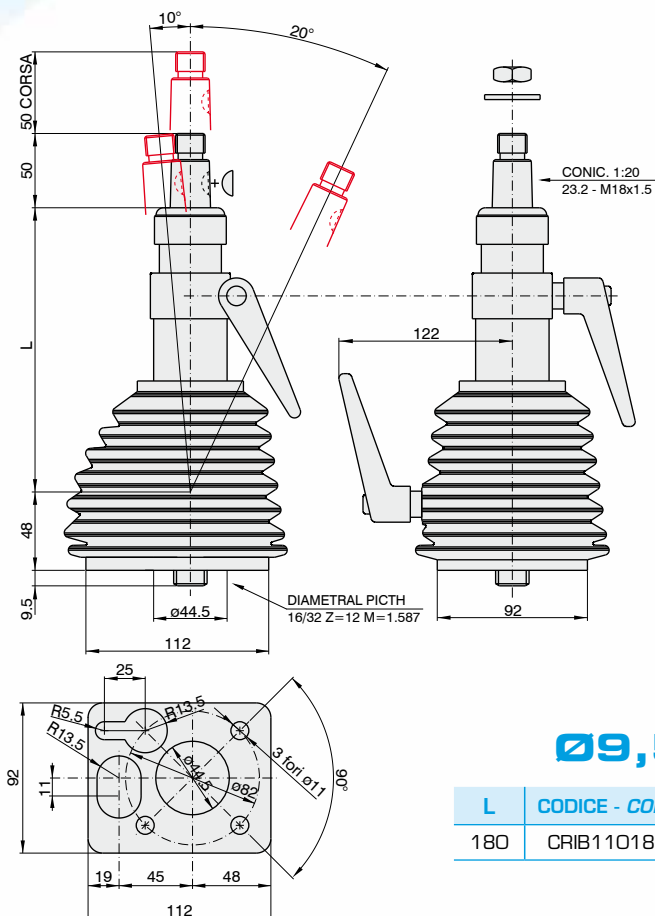
Ø45

L	CODICE - CODE
520	CSIC110520
500	CSIC110500
450	CSIC110450
400	CSIC110400
350	CSIC110350

GRUPPO INCLINABILE disponibile con diametro tubo 40 - 45 mm. **CONO 1** con **CARTER**.

TILTING STEERING COLUMN UNIT
available with jacket diameter 40 - 45 mm.
hub **CONE 1** with **CARTRIDGE**.

type **CRIB**



Ø9,5

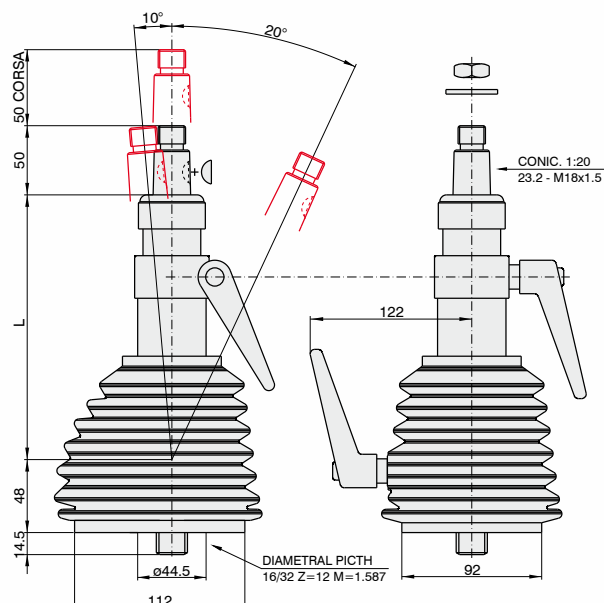
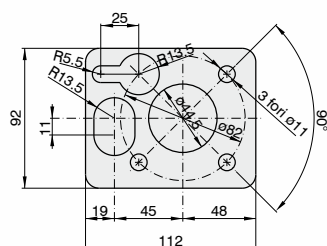
L	CODICE - CODE
180	CRIB110180

GRUPPO INCLINABILE E ORIENTABILE CONO 1
disponibile con sporgenza 9.5 - 14.5 mm.

**TILTING AND TELESCOPIC
STEERING COLUMN UNIT CONE 1**
available with protrusion 9.5 - 14.5 mm.

Ø14,5

L	CODICE - CODE
180	CRIB120180





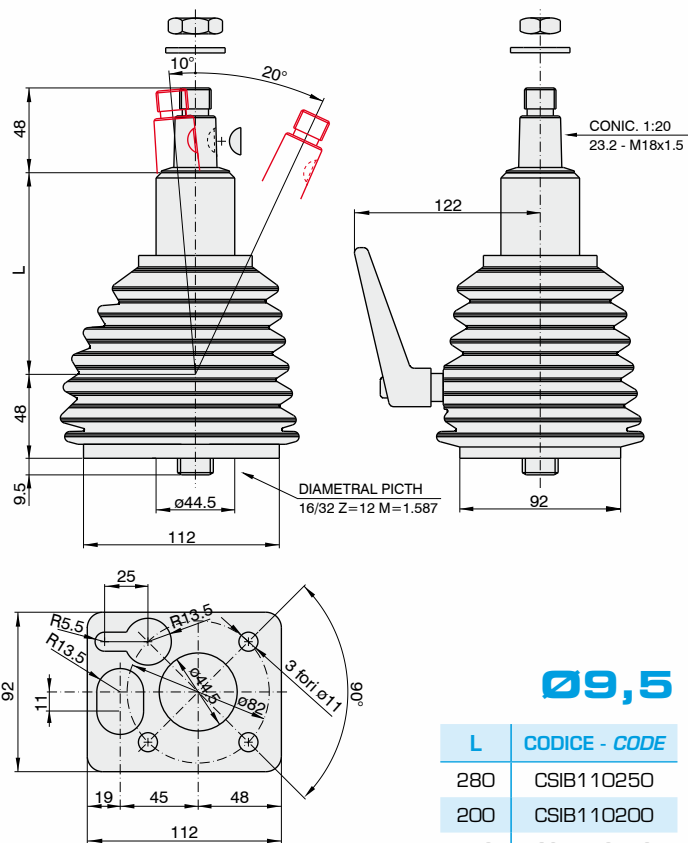
COLONNETTE STERZO STEERING COLUMNS

type **CSIB**



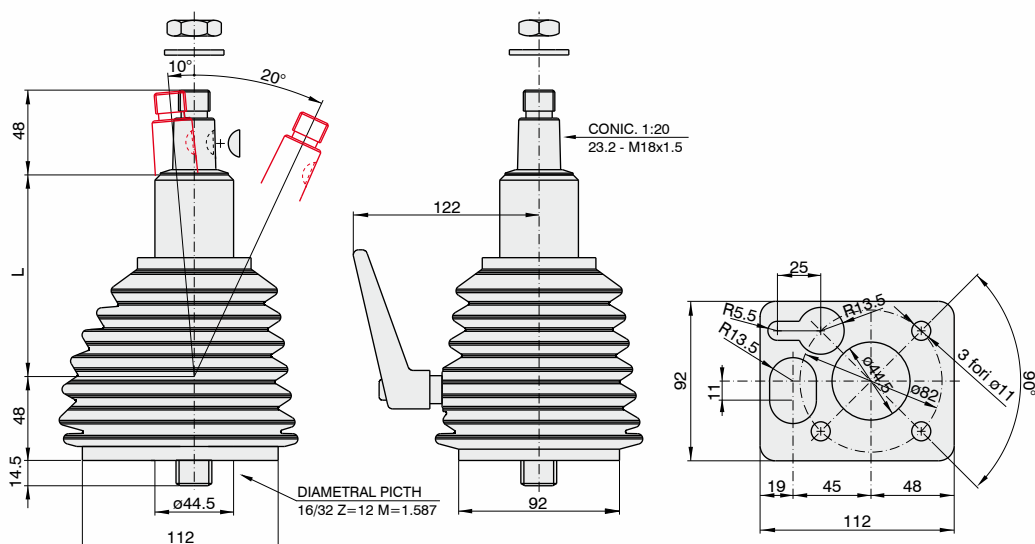
GRUPPO INCLINABILE CONO 1
disponibile con sporgenza 9.5 - 14.5 mm.

TILTING STEERING COLUMN UNIT CONE 1
available with protrusion 9.5 - 14.5 mm.



Ø9,5

L	CODICE - CODE
280	CSIB110250
200	CSIB110200
150	CSIB110150
108	CSIB110108
82	CSIB110082



Ø14,5

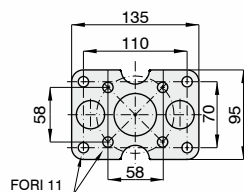
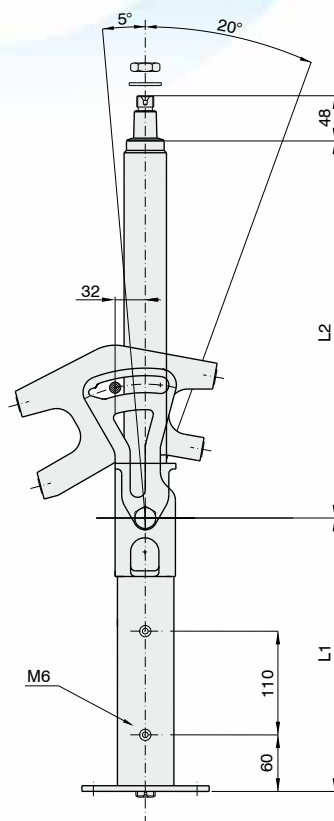
L	CODICE - CODE
280	CSIB120250
200	CSIB120200
150	CSIB120150
108	CSIB120108
82	CSIB120082

type PSIM

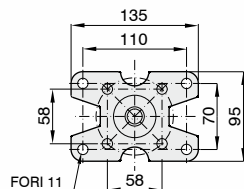


GRUPPO INCLINABILE CONO 1.

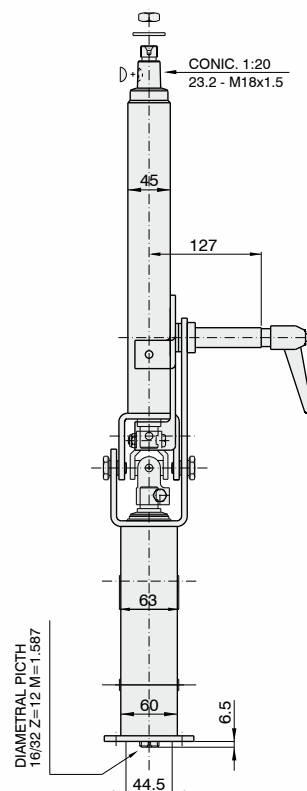
**TILTING STEERING COLUMN
UNIT CONE 1.**



Type 1



Type 2



DIAMETRAL PITCH
16/32 Z=12 M=1.587

L1	L2	Tipo flangia Flanged type	Cono Cone	CODICE - CODE
130	292	1	1	PSIM0001
290	400	1	1	PSIM0002
130	292	1	1	PSIM0003
290	292	1	1	PSIM0004
290	400	2	1	PSIM0006
290	292	1	1	PSIM0008
130	396	1	1	PSIM0013
130	323	2	1	PSIM0016
400	292	1	1	PSIM0022
290	323	2	1	PSIM0026
290	396	2	1	PSIM0027
290	396	1	1	PSIM0028
290	400	1	1	PSIM0030
130	323	2	1	PSIM0034
400	323	2	1	PSIM0038
330	323	2	1	PSIM0041
350	335	2	1	PSIM0045
130	396	2	1	PSIM0046
61,5	396	1	1	PSIM0049
130	413	2	1	PSIM0055



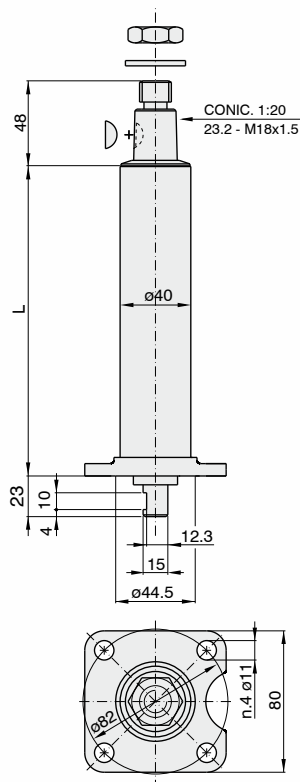
COLONNETTE STERZO STEERING COLUMNS

type CAC



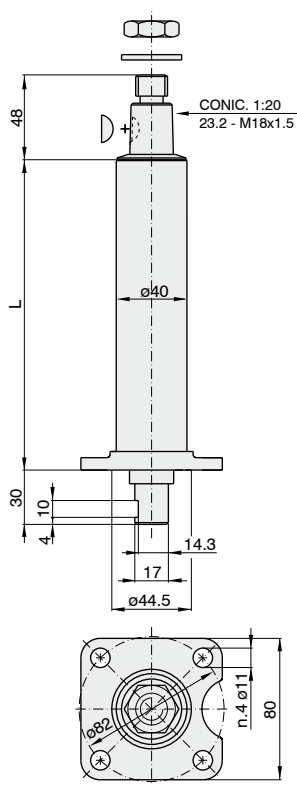
COLONNETTA FISSA CONO 1
disponibile con attacco cardano
diametro 15 - 17 - 20 mm.

STEERING COLUMN CONE 1
available with cardan joint connection
diameter 15 - 17 - 20 mm.



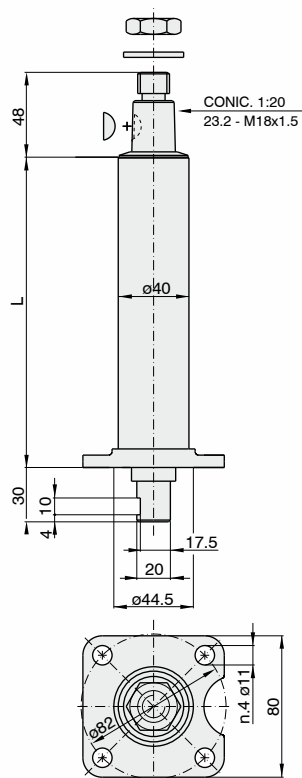
Ø15

L	CODICE - CODE
775	CAC2150775
715	CAC2150715
670	CAC2150670
650	CAC2150650
600	CAC2150600
550	CAC2150550
520	CAC2150520
500	CAC2150500
450	CAC2150450
400	CAC2150400
350	CAC2150350
300	CAC2150300
270	CAC2150270
250	CAC2150250
230	CAC2150230
200	CAC2150200
165	CAC2150165
100	CAC2150100



Ø17

L	CODICE - CODE
775	CAC2140775
715	CAC2140715
670	CAC2140670
650	CAC2140650
600	CAC2140600
550	CAC2140550
520	CAC2140520
500	CAC2140500
450	CAC2140450
400	CAC2140400
350	CAC2140350
300	CAC2140300
270	CAC2140270
250	CAC2140250
230	CAC2140230
200	CAC2140200
165	CAC2140165
100	CAC2140100



Ø20

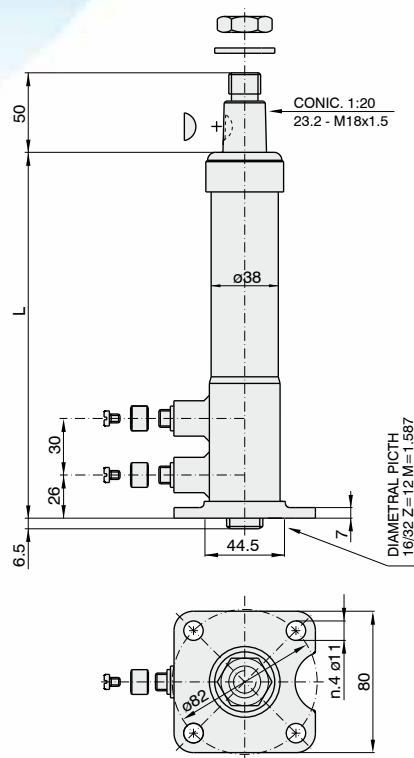
L	CODICE - CODE
775	CAC2130775
715	CAC2130715
670	CAC2130670
650	CAC2130650
600	CAC2130600
550	CAC2130550
520	CAC2130520
500	CAC2130500
450	CAC2130450
400	CAC2130400
350	CAC2130350
300	CAC2130300
270	CAC2130270
250	CAC2130250
230	CAC2130230
200	CAC2130200
165	CAC2130165
100	CAC2130100

type **CSC**



COLONNETTA FISSA CONO 1
con **2 CONTATTI** disponibile con
diametro tubo 38 - 40 - 45 mm.

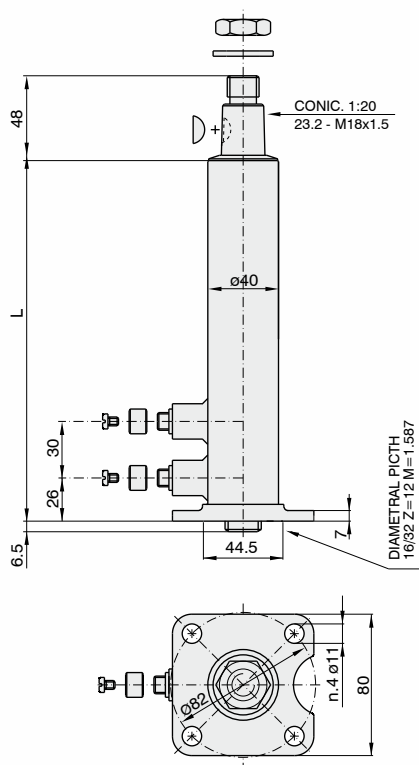
STEERING COLUMN CONE 1
with **2 CONTACTS** available with
jacket diameter 38 - 40 - 45 mm.



Ø38

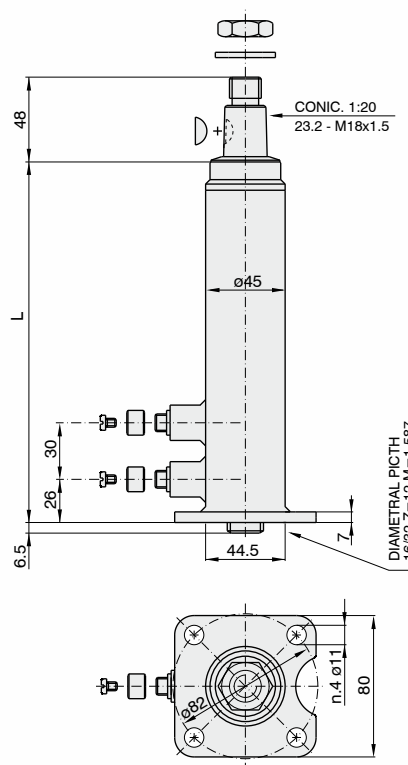
L	CODICE - CODE
775	CSC0112775
715	CSC0112715
670	CSC0112670
650	CSC0112650
600	CSC0112600
550	CSC0112550
520	CSC0112520
500	CSC0112500
450	CSC0112450
400	CSC0112400
350	CSC0112350
300	CSC0112300
270	CSC0112270
250	CSC0112250
230	CSC0112230
200	CSC0112200
165	CSC0112165
125	CSC0112125

Ø40



L	CODICE - CODE
775	CSC2112775
715	CSC2112715
670	CSC2112670
650	CSC2112650
600	CSC2112600
550	CSC2112550
520	CSC2112520
500	CSC2112500
450	CSC2112450
400	CSC2112400
350	CSC2112350
300	CSC2112300
270	CSC2112270
250	CSC2112250
230	CSC2112230
200	CSC2112200
165	CSC2112165
125	CSC2112125

Ø45



L	CODICE - CODE
775	CSC1112775
715	CSC1112715
670	CSC1112670
650	CSC1112650
600	CSC1112600
550	CSC1112550
520	CSC1112520
500	CSC1112500
450	CSC1112450
400	CSC1112400
350	CSC1112350
300	CSC1112300
270	CSC1112270
250	CSC1112250
230	CSC1112230
200	CSC1112200
165	CSC1112165
125	CSC1112125



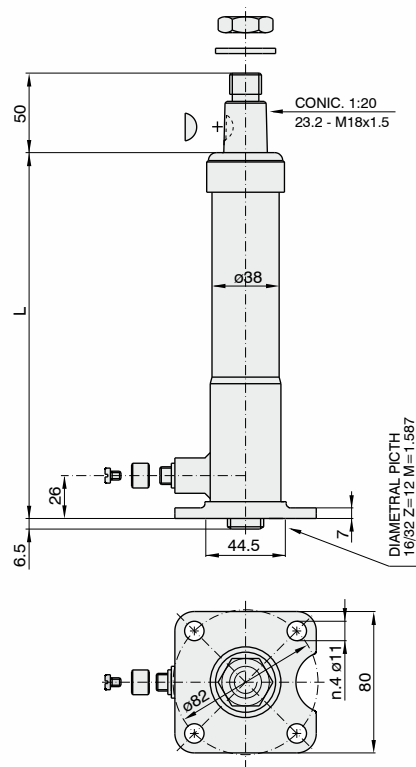
COLONNETTE STERZO STEERING COLUMNS



type **CSC**

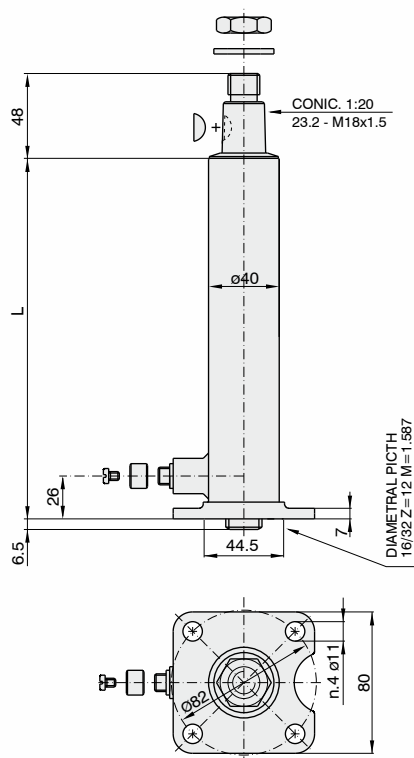
COLONNETTA FISSA CONO 1
con **1 CONTATTO** disponibile con
diametro tubo 38 - 40 - 45 mm.

STEERING COLUMN CONE 1
with **1 CONTACT** available with
jacket diameter 38 - 40 - 45 mm.



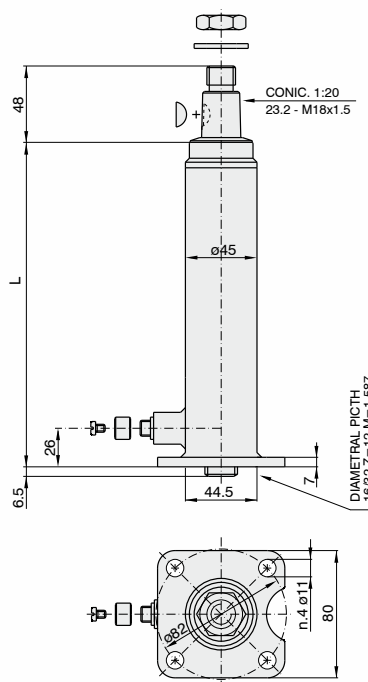
Ø38

L	CODICE - CODE
775	CSC0111775
715	CSC0111715
670	CSC0111670
650	CSC0111650
600	CSC0111600
550	CSC0111550
520	CSC0111520
500	CSC0111500
450	CSC0111450
400	CSC0111400
350	CSC0111350
300	CSC0111300
270	CSC0111270
250	CSC0111250
230	CSC0111230
200	CSC0111200
165	CSC0111165
125	CSC0111125
100	CSC0111100
75	CSC0111075



Ø40

L	CODICE - CODE
775	CSC2111775
715	CSC2111715
670	CSC2111670
650	CSC2111650
600	CSC2111600
550	CSC2111550
520	CSC2111520
500	CSC2111500
450	CSC2111450
400	CSC2111400
350	CSC2111350
300	CSC2111300
270	CSC2111270
250	CSC2111250
230	CSC2111230
200	CSC2111200
165	CSC2111165
125	CSC2111125



Ø45

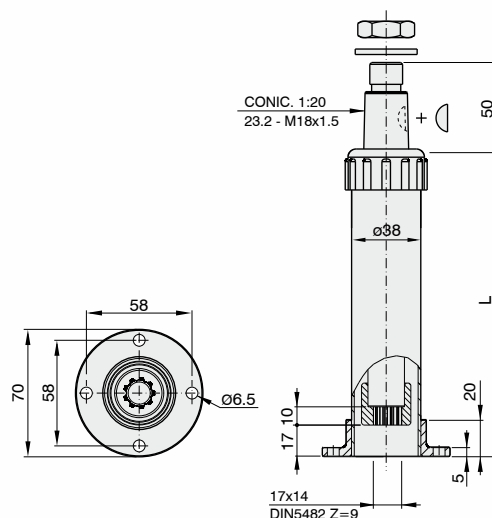
L	CODICE - CODE
775	CSC1111775
715	CSC1111715
670	CSC1111670
650	CSC1111650
600	CSC1111600
550	CSC1111550
520	CSC1111520
500	CSC1111500
450	CSC1111450
400	CSC1111400
350	CSC1111350
300	CSC1111300
270	CSC1111270
250	CSC1111250
230	CSC1111230
200	CSC1111200
165	CSC1111165
125	CSC1111125

type **CSF**



Ø38

L	CODICE - CODE
167	CSF0014



COLONNETTA FISSA CONO 1
disponibile con diametro tubo 38 mm.

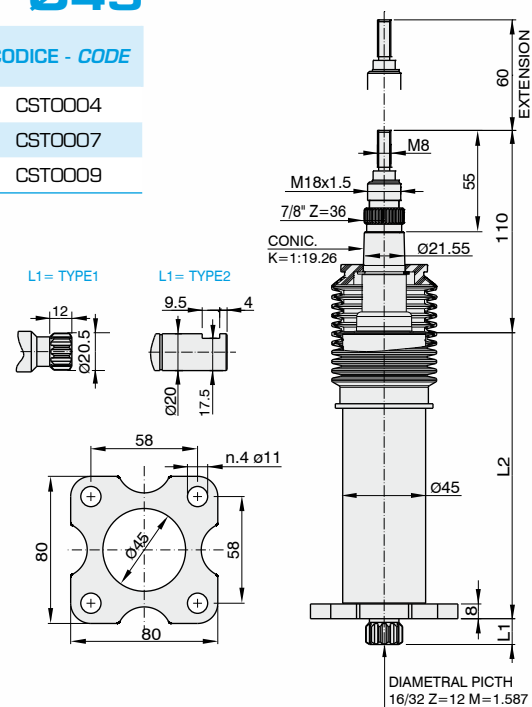
STEERING COLUMN CONE 1
available with jacket diameter 38 mm.

type **CST**



Ø45

L1	L2	Cono Cone	Telescopico Telescopic	CODICE - CODE
30	155,5	4	47	CST0004
14,5	155,5	4	60	CST0007
6,5	197	4	60	CST0009



**GRUPPO TELESOPICO
AL VOLANTE.**

**TELESCOPIC STEERING COLUMN
BY STEERING WHEEL KNOB.**



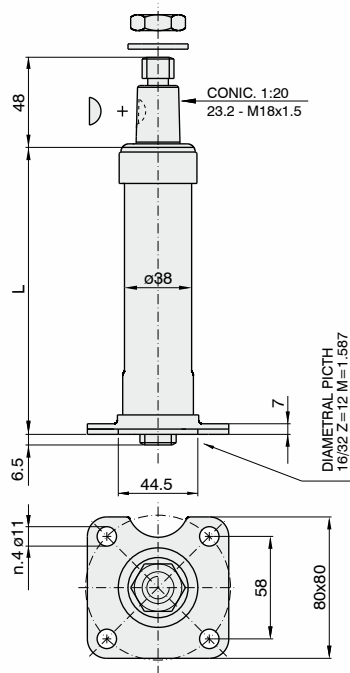
COLONNETTE STERZO STEERING COLUMNS

type **CSF**



COLONNETTA FISSA CONO 1
disponibile con diametro tubo 38 - 45 mm.

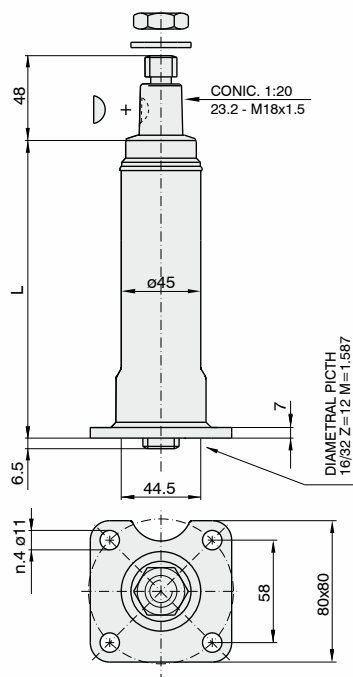
STEERING COLUMN CONE 1
available with jacket diameter 38 - 45 mm.



Ø38

L	CODICE - CODE
775	CSF0110775
715	CSF0110715
670	CSF0110670
650	CSF0110650
600	CSF0110600
550	CSF0110550
520	CSF0110520
500	CSF0110500
460	CSF0110460
450	CSF0110450
400	CSF0110400
350	CSF0110350
320	CSF0110320
300	CSF0110300
270	CSF0110270
250	CSF0110250
230	CSF0110230
200	CSF0110200
165	CSF0110165
150	CSF0110150
125	CSF0110125
100	CSF0110100
75	CSF0110075

Ø45



L	CODICE - CODE
775	CSF1110775
715	CSF1110715
670	CSF1110670
650	CSF1110650
600	CSF1110600
550	CSF1110550
520	CSF1110520
500	CSF1110500
450	CSF1110450
400	CSF1110400
350	CSF1110350
300	CSF1110300
270	CSF0110270
250	CSF1110250
230	CSF1110230
200	CSF1110200
165	CSF0110165





APPLICAZIONI
APPLICATIONS





Headquarters:

Via Tito Speri, 10

25024 Leno (Brescia) ITALY

Phone +39 030 90451

Fax +39 030 9045330

info@cobospa.it

www.cobospa.it



Via Tasso, 31/33

42023 Cadelbosco di Sopra (Reggio Emilia) ITALY

Phone +39 0522 916211

Fax +39 0522 916290

info@cobomt.it

www.cobomt.it