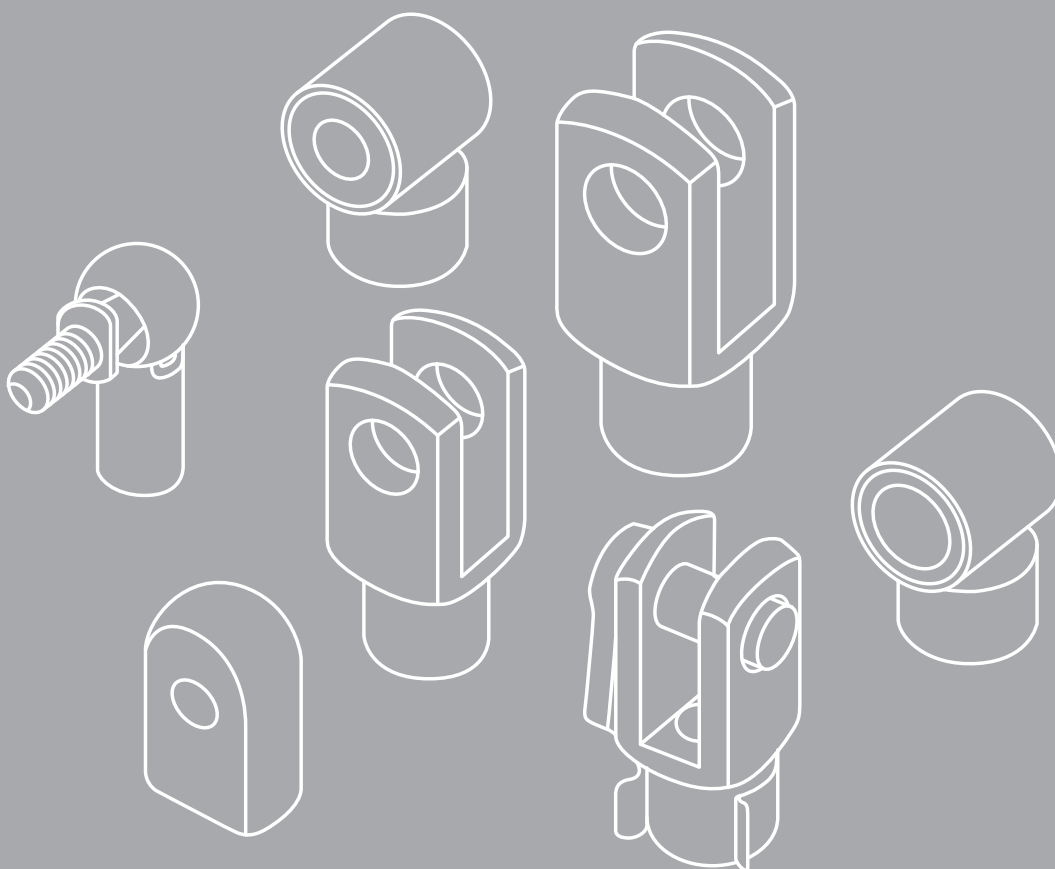




ATTACCHI E STAFFE IN ACCIAIO

STEEL END FITTINGS AND BRACKETS

ATTACCHI E STAFFE IN ACCIAIO INOX

STAINLESS STEEL END FITTINGS AND BRACKETS

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PAG. 5	FILETTI E ATTACCHI FORATI / screws and eyelets
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CATALOGO ATTACCHI E STAFFE

Il presente catalogo riassume tutti gli attacchi e le staffe disponibili nella gamma standard e AISI.

L'individuazione dell'attacco più appropriato per la molla a gas è fondamentale per il corretto funzionamento dell'applicazione e per la durata nel tempo della molla stessa.

La scelta dell'attacco determina la lunghezza tutto aperto (LTA) della molla che viene misurata nel seguente modo:

- nel caso di attacchi forati, viene misurato l'interasse fori;
- nel caso di attacchi snodati si considera l'interasse da centro sfera a centro sfera;
- nel caso di filetti si considera la base filetti (filetti esclusi);

Vapsint sviluppa assieme ai suoi clienti nuovi attacchi speciali ridefinendo quindi gli standard ed ampliando la gamma offerta.

Edizione 05/2014 - Rev. 0

END FITTINGS AND BRACKETS CATALOGUE

This catalogue summarizes all the end fittings and brackets available in the standard range and in the stainless steel range.

The identification of the most appropriate end fittings for the gas spring guarantee the proper functioning of the application and the life of the gas spring itself.

The choice of the end fittings determines the fully open length (LTA) of the gas spring which is measured in the following way:

- eyelet, is measured by the distance between holes;
- ball joints is measured by the distance from the center to center of the spheres;
- without end fittings the length of screws is not considered;

Vapsint develops with its customers new special end fittings redefining standards and widening the range of products.

Release 05/2014 - Rev. 0

LEGENDA / key



TIPOLOGIE CODICE / type of code

COD**CODICE PRODOTTO**
/ product code**SUB****CODICE PRODOTTO DA SOSTITUIRE**
/ old product code

C DIAMETRO CILINDRO / cylinder diameter (12, 15, 19, 22, 28 mm)

C.12**C.15****C.19****C.22****C.28**

S DIAMETRO STELO / rod diameter (4, 6, 8, 10, 14 mm)

S.4**S.6****S.8****S.10****S.14**

M MATERIALE / material

M.I**INOX AISI316L**
/ stainless steel**M.M****METALLO**
/ metal**M.P****PLASTICA**
/ plastic**M.Z****ZAMAK**
/ zamak

F FINITURE / finishing

F.B**NERO**
/ black**F.G****GRIGIO**
/ grey**F.Z****ZINCO**
/ zinc**F.N****NITRURATO**
/ nitrided**F.EL****ELETTROLUCIDATO**
/ electropolished

ESEMPIO DI LETTURA DATI TECNICI / how to read the catalogue

COME LEGGERE IL CATALOGO ATTACCHI

A fianco del disegno relativo all'attacco si trova il nuovo codice attacco che sostituisce il vecchio codice.

Nelle caselle sottostanti vengono indicate le compatibilità dell'attacco con diametro corpo (C) e diametro stelo (S), il materiale con cui l'attacco è realizzato e la sua finitura.

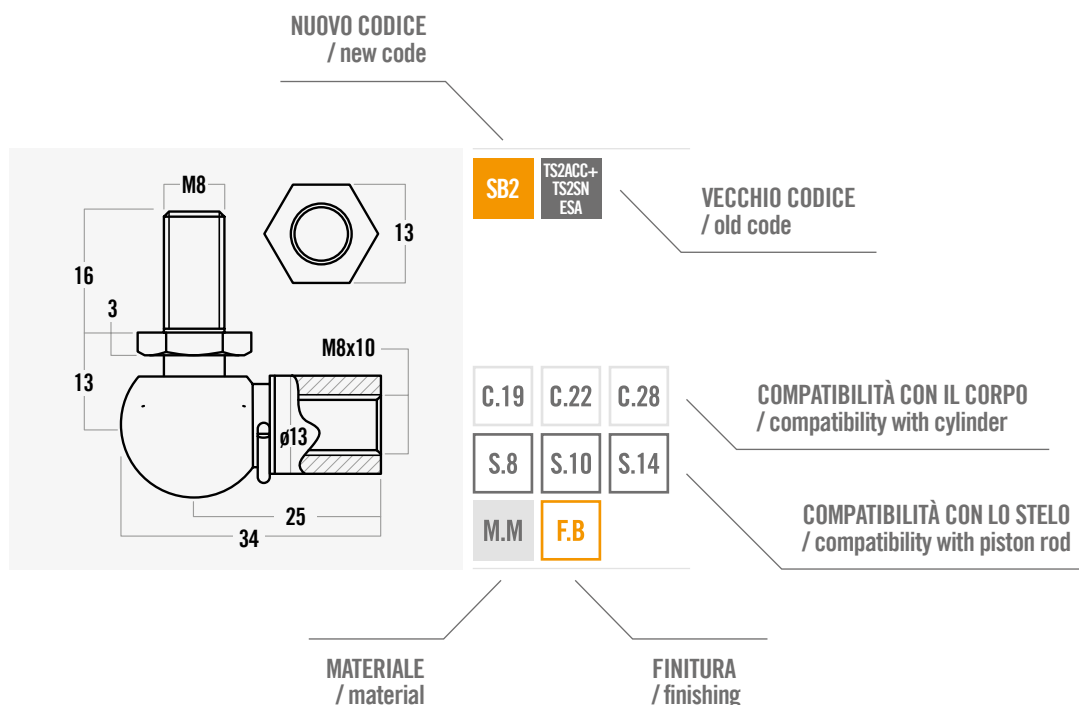
In taluni casi viene segnalata la forza massima (F1) che la molla a gas può avere relativamente all'attacco individuato.

HOW TO READ THE END FITTINGS CATALOGUE

Besides drawing of the end fitting you will find the new code that replaces the old one.

In the boxes below are indicated compatibilities with the cylinder diameters (C) and with the piston rod diameters (S), the material with which the end fittings is made and its finishing.

In certain cases is signaled the maximum force (F1) that the gas spring can have relatively to the identified end fitting.



Tutti i disegni degli attacchi presentati nelle pagine seguenti sono realizzati in scala 1:1 per facilitarne l'identificazione.

All drawings of the end fittings in the following pages are in 1:1 scale that makes them easily identifiable.

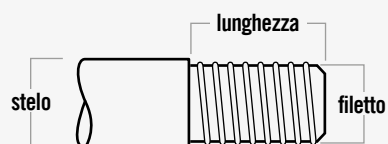
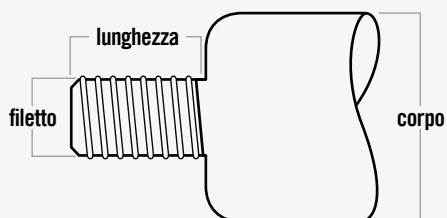
FILETTI E ATTACCHI FORATI

/ screws and eyelets

/ G	/ FI	pag. 6	
/ B	/ BS	pag. 8	
/ C	/ FC	pag. 10	
/ F	/ RF	pag. 11	
/ R	/ RS	pag. 14	
/ T	/ TF	pag. 15	
/ Z	/ TZ	pag. 18	

FILETTI
 / screws

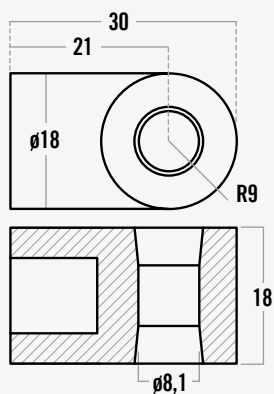
/ G



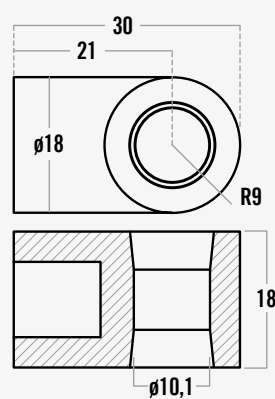
CODICE / code	FILETTO / thread	LUNGHEZZA / length	DIAMETRO CORPO / diameter body	DIAMETRO STELO / diameter rod	MATERIALI / materials
G45	M4	5 mm	12	4	M.M
G57	M5	7 mm	15 / 19	6 / 8	M.M
G68	M6	8 mm	15 / 19 / 22	6 / 8 / 10	M.M
G81	M8	10 mm	19 / 22 / 28	8 / 10 / 14	M.M
G88	M8	8 mm	19 / 22	8 / 10	M.M
G11	M10	10 mm	22 / 28	10 / 14	M.M
G16	M10	16 mm	22 / 28	10 / 14	M.M
G50	M5	10 mm	15 / 19	6 / 8	M.M
G60	M6	10 mm	15 / 19 / 22	6 / 8 / 10	M.M

BOCCOLE PRESSATE / pressed T-shape end fittings

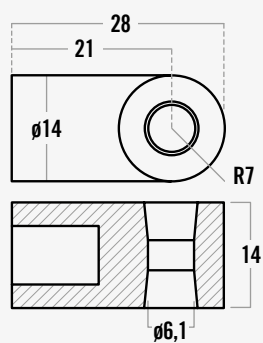
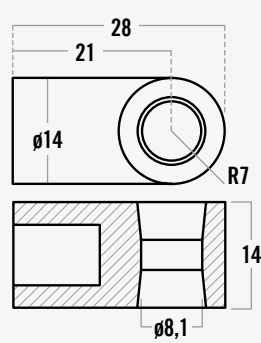
/ B


B01 **BS1**

 FINO 1500 N
/ up to 1500 N

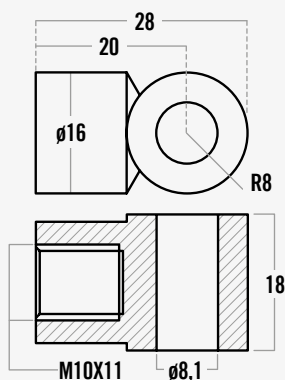
S.10 **S.14**
M.Z

B02 **BS2**

 FINO 1500 N
/ up to 1500 N

S.10 **S.14**
M.Z

B03 **BS3**
S.8 **S.10**
M.Z

B04 **BS4**
S.8 **S.10**
M.Z



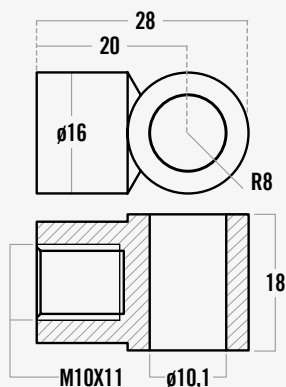
/ B

BOCCOLE FILETATE
 / screwed T-shape end fittings

B11 BS1NS

C.22 C.28

S.10 S.14

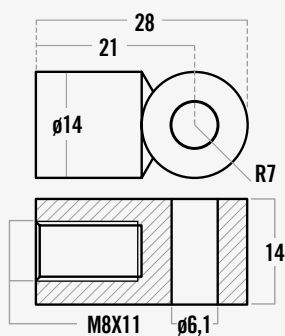
M.M F.Z


B12 BS2NS

C.22 C.28

S.10 S.14

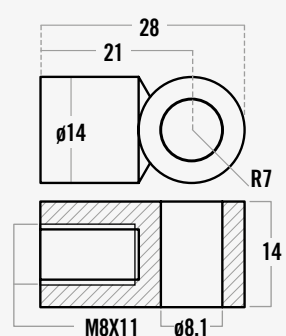
M.M F.Z


B13 BS3NS

C.19 C.22

S.8 S.10

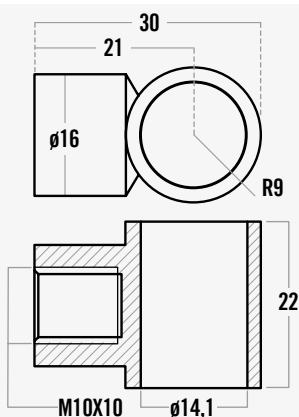
M.M F.Z


B14 BS4NS

C.19 C.22

S.8 S.10

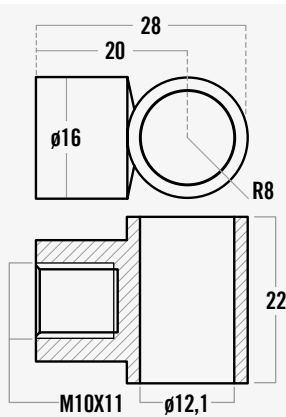
M.M F.Z


B16 BS6NS

C.22 C.28

S.10 S.14

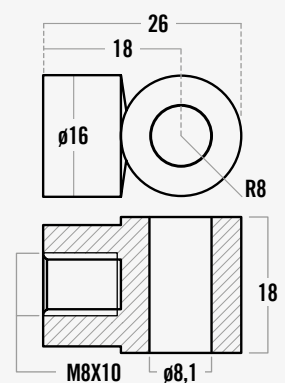
M.M F.Z


B17 BS7NS

C.22 C.28

S.10 S.14

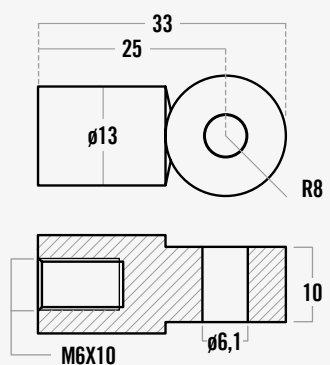
M.M F.Z


B18 BS8NS

C.22 C.28

S.10 S.14

M.M F.Z


B19

 disponibile con foro 8 mm
 / available with hole 8 mm

 FINO 400 N
 / up to 400 N

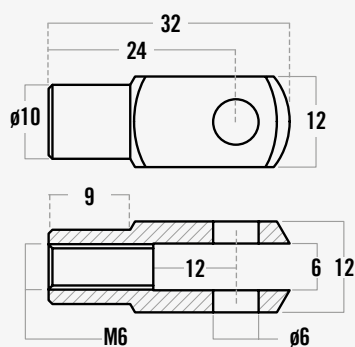
C.15 C.19 C.22

S.6 S.8 S.10

M.P F.B

FORCELLE FILETTATE / screwed clevises-forks

/C



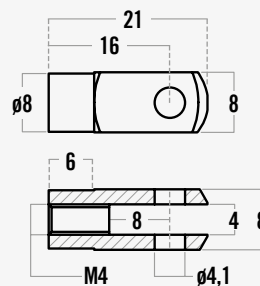
C11 FC1

CON CLIP C12
/ with clip C12

C.15 C.19

S.6 S.8

M.M F.Z



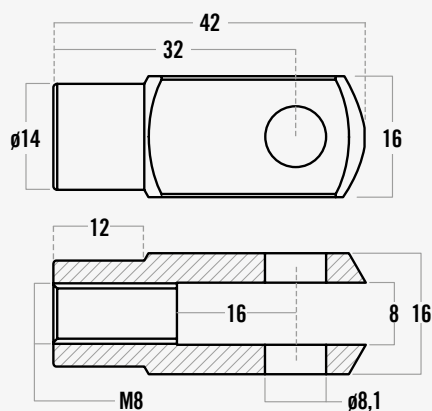
C13 FC12

CON CLIP C14
/ with clip C14

C.12

S.4

M.M F.Z



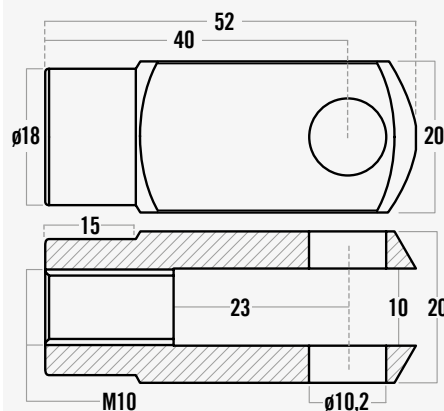
C21 FC2

CON CLIP C22
/ with clip C22

C.19 C.22 C.28

S.8 S.10 S.14

M.M F.Z



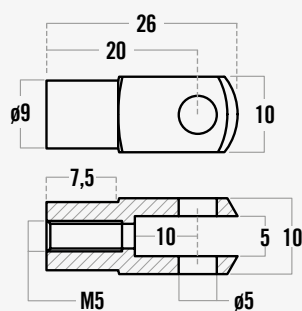
C31 FC3

CON CLIP C32
/ with clip C32

C.22 C.28

S.10 S.14

M.M F.Z



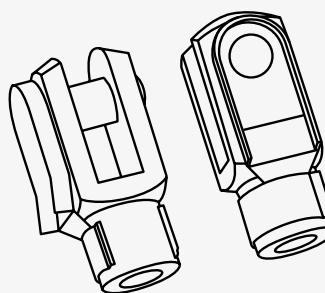
C51 FC5

CON CLIP C52
/ with clip C52

C.15 C.19

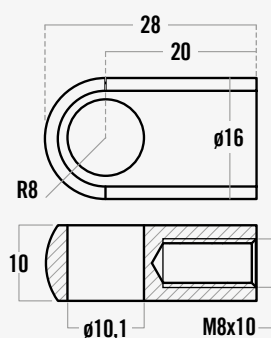
S.6 S.8

M.M F.Z

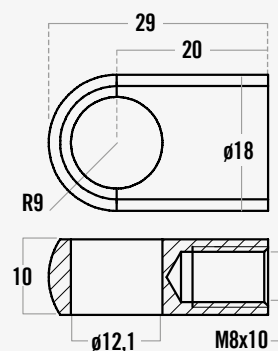
clip
/ clip



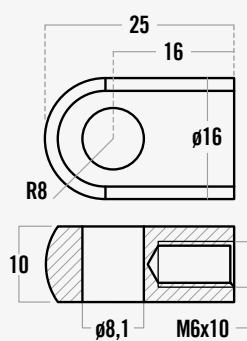
/F

OCCHIELLI FILETTATI
 / screwed eyelets

F01 RF10

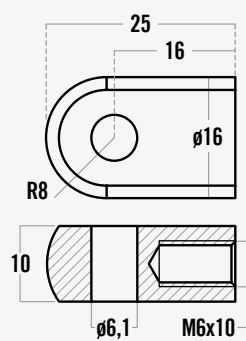
C.19	C.22	C.28
S.8	S.10	S.14
M.M	F.Z	


F02 RF11

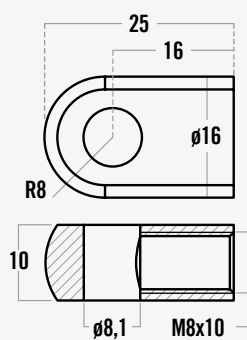
C.19	C.22	C.28
S.8	S.10	S.14
M.M	F.Z	


F23 RF2M6

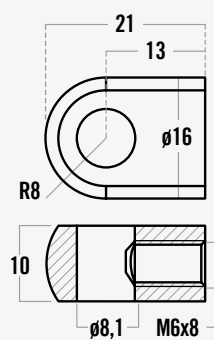
C.19	C.22
S.8	S.10
M.M	F.Z


F33 RF3M6

C.15	C.19	C.22
S.6	S.8	S.10
M.M	F.Z	


F60 RF6

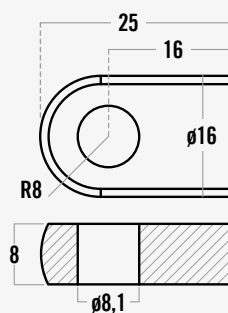
C.19	C.22	C.28
S.8	S.10	S.14
M.M	F.Z	


F90 RF9

C.15	C.19	C.22
S.6	S.8	S.10
M.M	F.Z	

OCCHIELLI SALDATI / welded eyelets

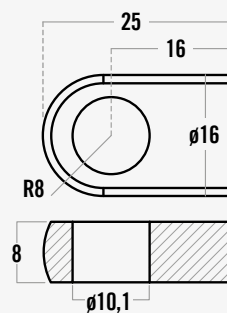
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F10 RF1

C.19 C.22 C.28

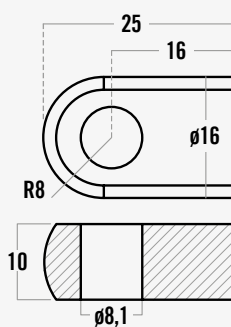
M.M



F11 RF1A

C.19 C.22 C.28

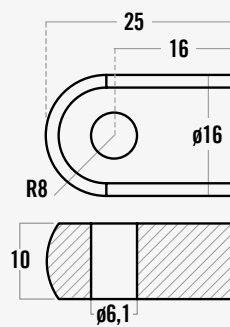
M.M



F20 RF2

C.19 C.22 C.28

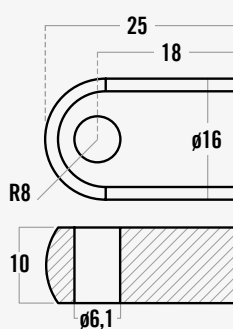
M.M



F30 RF3

C.19 C.22

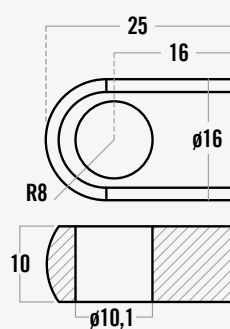
M.M



F31 RF3A

C.19 C.22

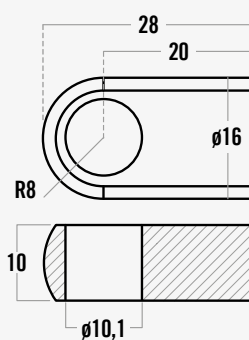
M.M



F32 RF3B

C.19 C.22 C.28

M.M

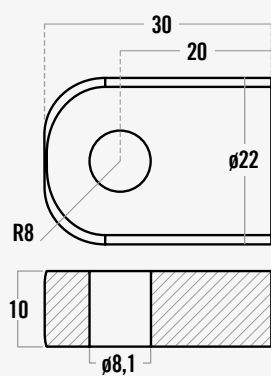


F33 RF10S

C.19 C.22 C.28

M.M

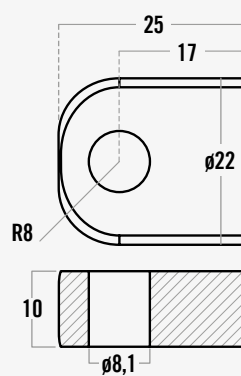
/F

OCCHIELLI SALDATI
/ welded eyelets

F40 RF4

C.28

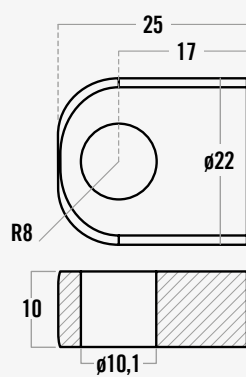
M.M



F50 RF5

C.28

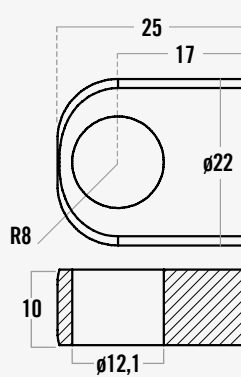
M.M



F51 RF5A

C.28

M.M



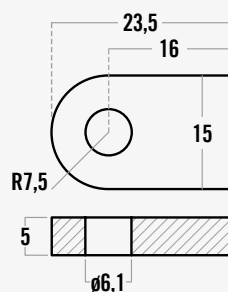
F54 RF5B

C.28

M.M

OCCHIELLI SALDATI / welded eyelets

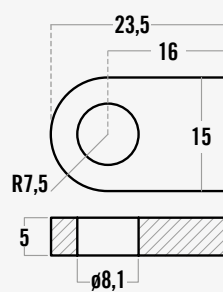
/ R



R10 RS1

C.15	C.19	C.22
S.6	S.8	S.10

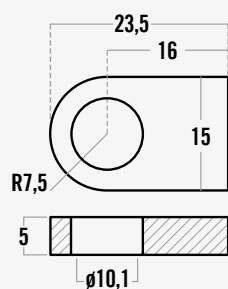
M.M



R20 RS2

C.15	C.19	C.22
S.6	S.8	S.10

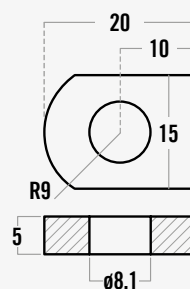
M.M



R21 RS2F10

C.15	C.19	C.22
S.6	S.8	S.10

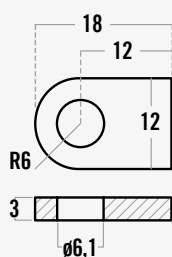
M.M



R23 RS2C

C.19	C.22
S.8	S.10

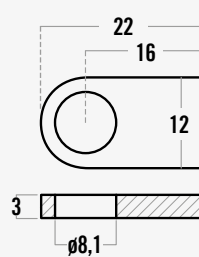
M.M



R30 RS3

C.15	C.19
S.6	S.8

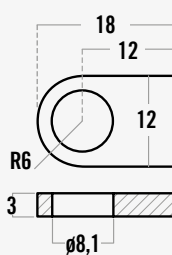
M.M



R31 RS3A

C.15
S.6

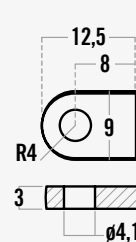
M.M



R32 RS3B

C.15	C.19
S.6	S.8

M.M



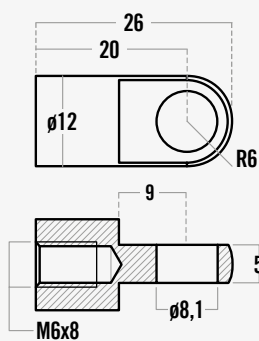
R40 RS4

C.12

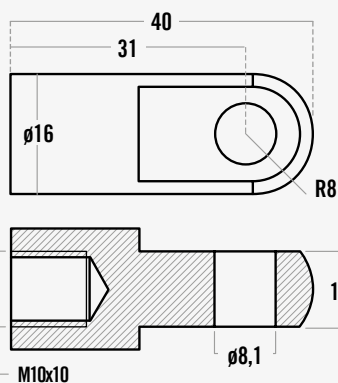
M.M



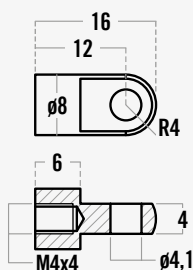
/T

OCCHIELLI FILETTATI
 / screwed eyelets

T00 TF10

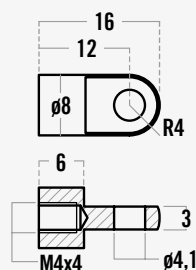
C.15	C.19	C.22
S.6	S.8	S.10
M.M	F.Z	


T10 TF1

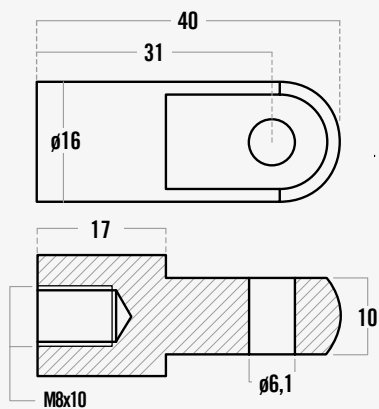
C.22	C.28
S.10	S.14
M.M	F.Z


T12 TF12

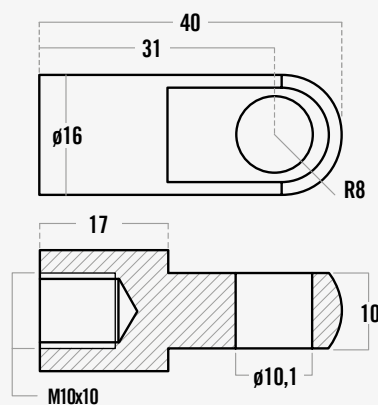
C.12	
S.4	
M.M	F.Z


T13 TF13

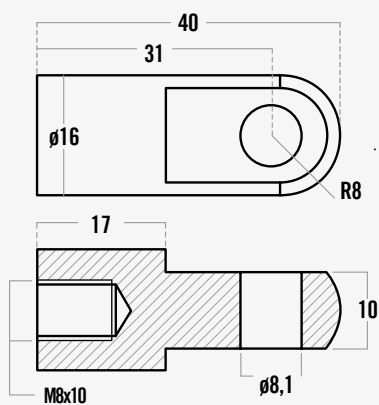
C.12	
S.4	
M.M	F.Z


T20 TF2

C.19	C.22	C.28
S.8	S.10	S.14
M.M	F.Z	


T30 TF3

C.22	C.28
S.10	S.14
M.M	F.Z

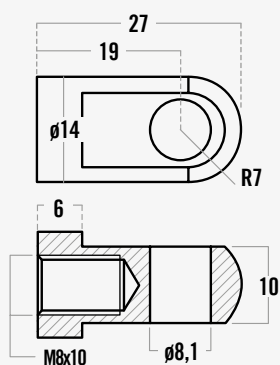

T40 TF4

C.19	C.22	C.28
S.8	S.10	S.14
M.M	F.Z	

OCCHIELLI FILETTATI

/ screwed eyelets

/T

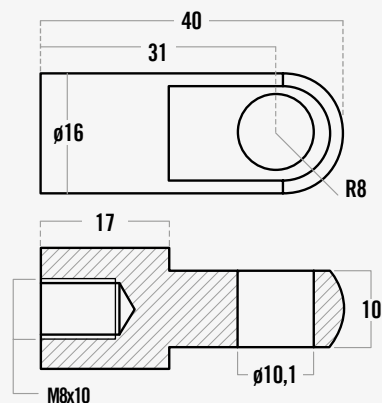


T50 TF5

C.19 C.22

S.8 S.10

M.M F.Z

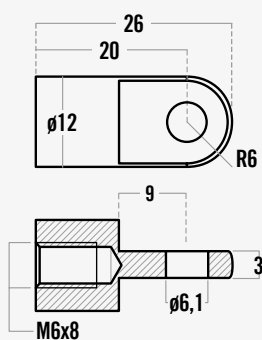


T60 TF6

C.19 C.22 C.28

S.8 S.10

M.M F.Z



T70 TF7

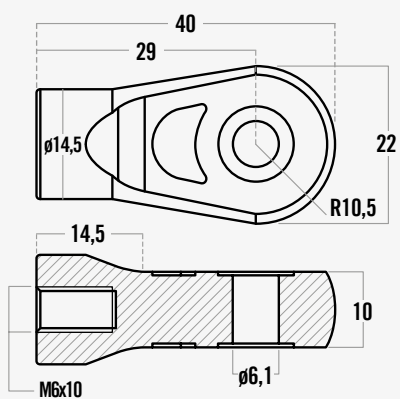
C.15 C.19 C.22

S.6 S.8 S.10

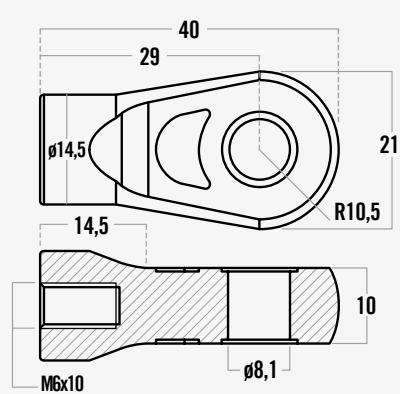
M.M F.Z



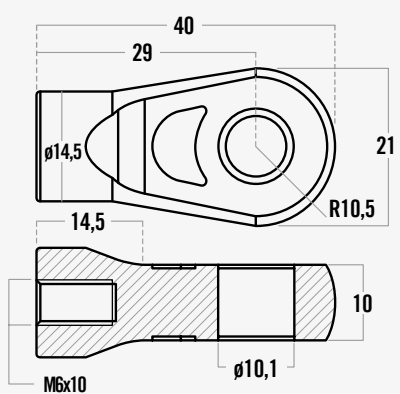
/T

OCCHIELLI FILETTATI
 / screwed eyelets

TP1 TFPL1

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	


TP2 TFPL2

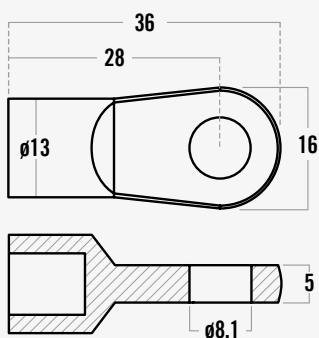
C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	


TP3 TFPL3

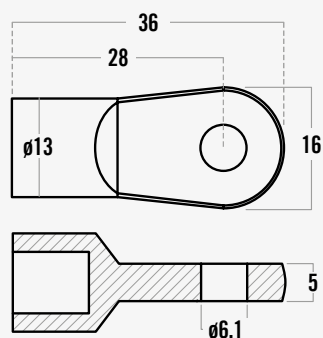
C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	

OCCHIELLI PRESSATI / pressed eyelets

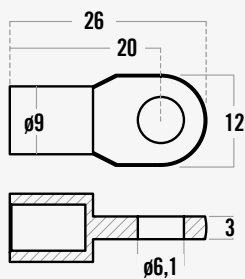
/Z

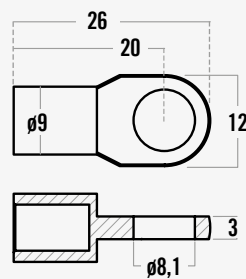

Z10 TZ
zama

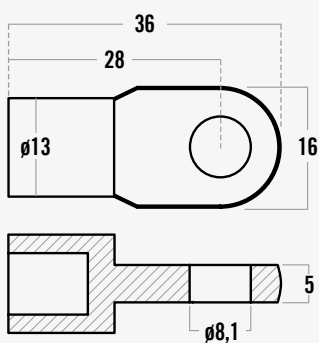
 fino a 800 N
/ up to 800 N

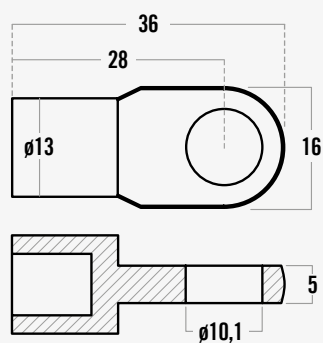
 S.8 S.10
M.Z

Z11 TZzama
F6

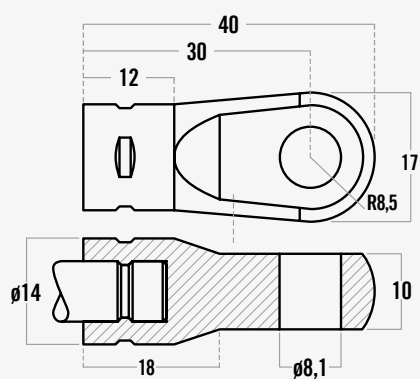
 fino a 800 N
/ up to 800 N

 S.8 S.10
M.Z

Z20 TZ2

 S.6
M.M F.Z

Z30 TZ3

 S.6
M.M F.Z

Z40 TZ4

 S.8 S.10
M.M F.Z

Z50 TZ5

 S.8 S.10
M.M F.Z

Z60 TF1
zamak

 S.8 S.10
M.Z

TESTINE SNODATE E SNODI

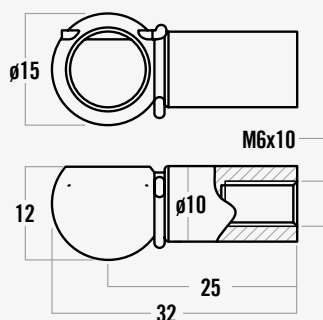
/ ball joints

/S	/TS	pag. 22	
/P	/TS	pag. 31	
/N	/SN	pag. 36	
	/U	pag. 38	

ATTACCHI SNODATI FILETTATI

/ screwed ball joints

/S



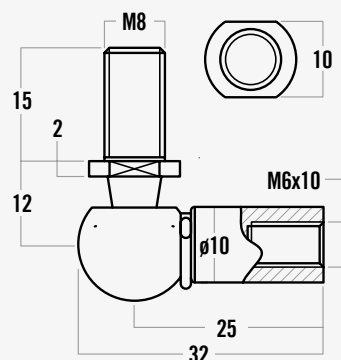
S10 TS1

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z

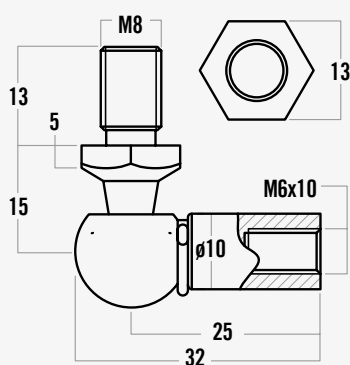
S11 TS1+
SN1B

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z

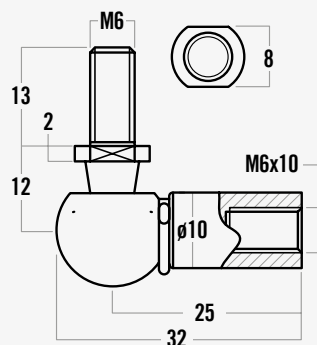
S12 TS1+
SN1BESA

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z

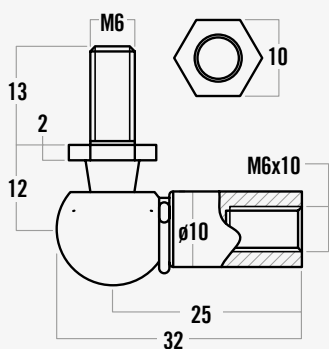
S14 TS1+
SN3

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z

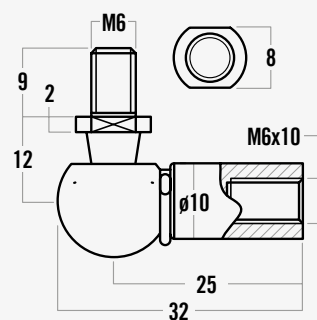
S15 TS1+
SN3 ESA

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z

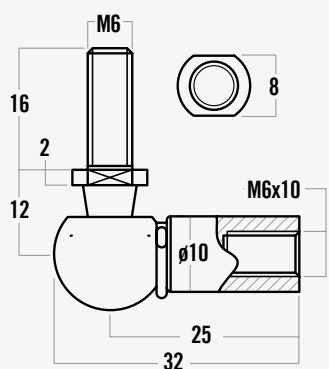
S16 TS1+
SN3.9

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z

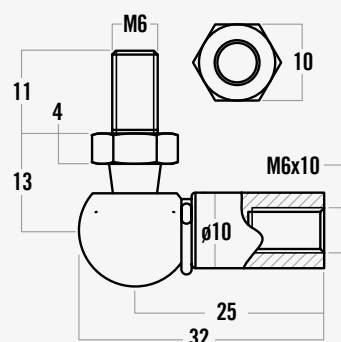
S17 TS1+
SN3.16

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z

S18 TS1+
SN3 ESA.4

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

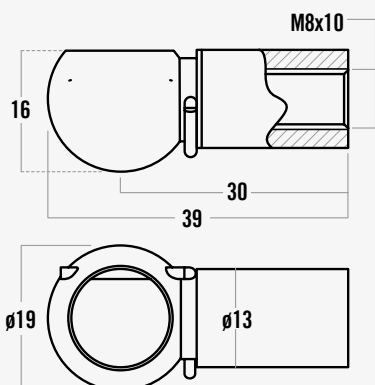
M.M. F.Z



/S

ATTACCHI SNODATI FILETTATI

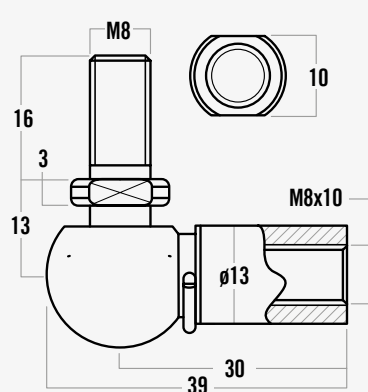
/ screwed ball joints


S20 TS2
FEM

 compatibile con snodo $\varnothing$ 13
 / compatible with joint $\varnothing$ 13

C.19 C.22 C.28

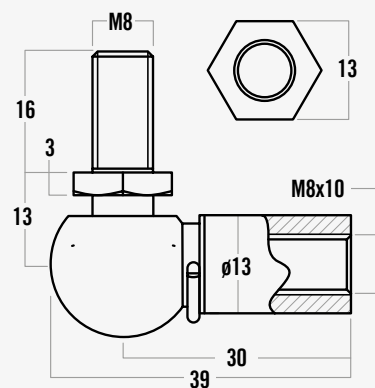
S.8 S.10 S.14

 M.M **F.Z**

S21 TS2+
TS2SN

 compatibile con snodo $\varnothing$ 13
 / compatible with joint $\varnothing$ 13

C.19 C.22 C.28

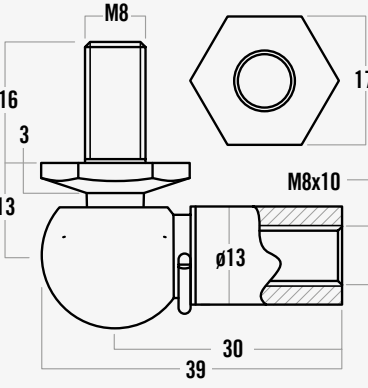
S.8 S.10 S.14

 M.M **F.Z**

S22 TS2+
TS2SN
ESA

 compatibile con snodo $\varnothing$ 13
 / compatible with joint $\varnothing$ 13

C.19 C.22 C.28

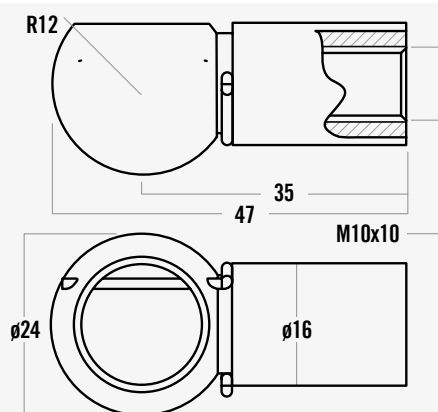
S.8 S.10 S.14

 M.M **F.Z**

S23 TS2+
TS2SN
ESAW17

 compatibile con snodo $\varnothing$ 13
 / compatible with joint $\varnothing$ 13

C.19 C.22 C.28

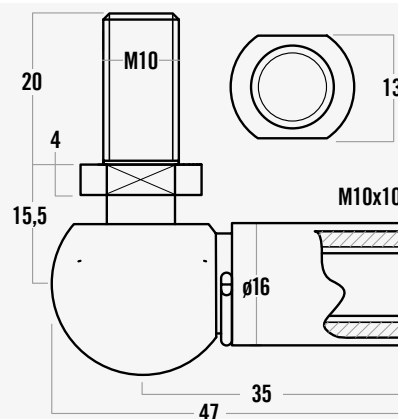
S.8 S.10 S.14

 M.M **F.Z**

S30 TS3
FEM

 compatibile con snodo $\varnothing$ 16
 / compatible with joint $\varnothing$ 16

C.22 C.28

S.10 S.14

 M.M **F.Z**

S31 TS3+
TS3SN

 compatibile con snodo $\varnothing$ 16
 / compatible with joint $\varnothing$ 16

C.22 C.28

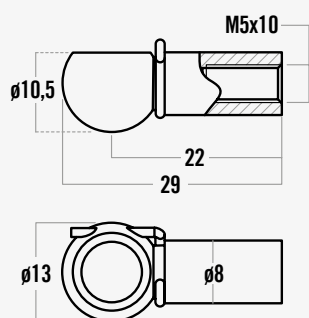
S.10 S.14

 M.M **F.Z**

ATTACCHI SNODATI FILETTATI

/ screwed ball joints

/S



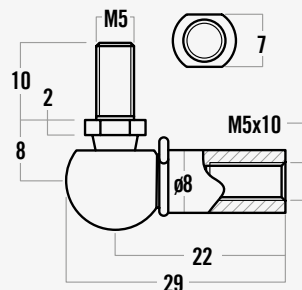
S40 TS4
FEMM

compatibile con snodo ø 8
/ compatible with joint ø 8

C.15 C.19

S.6 S.8

M.M. **F.Z**



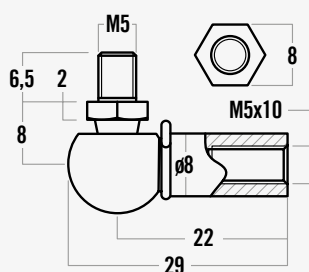
S41 TS4+
SN4

compatibile con snodo ø 8
/ compatible with joint ø 8

C.15 C.19

S.6 S.8

M.M. **F.Z**



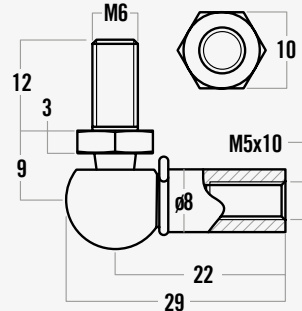
S42 TS4+
SN4ACC

compatibile con snodo ø 8
/ compatible with joint ø 8

C.15 C.19

S.6 S.8

M.M. **F.Z**



S43 TS4+
SN1AL

compatibile con snodo ø 8
/ compatible with joint ø 8

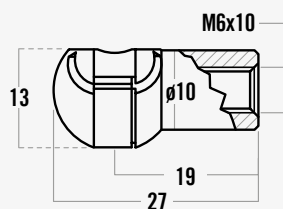
C.15 C.19

S.6 S.8

M.M. **F.Z**

ATTACCHI SNODATI FILETTATI / screwed ball joints

/S



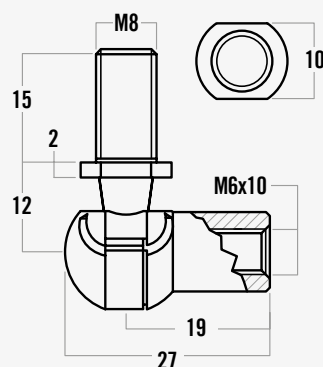
S50 TS5

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M F.N

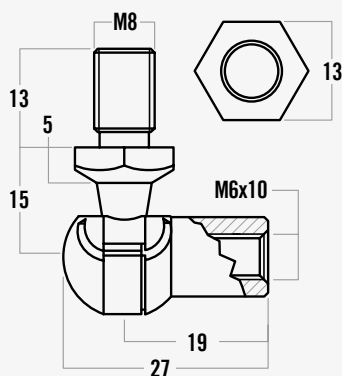
S51 TS5+
SN1B

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M F.N

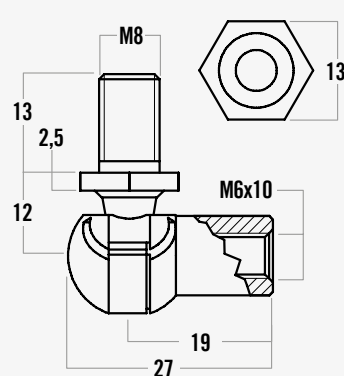
S52 TS5+
SN1BESA

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M F.N

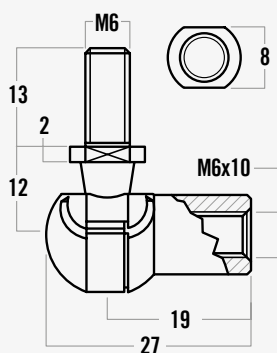
S53 TS5+
SN1BESA
111

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M F.N

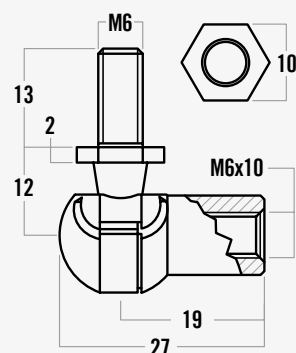
S54 TS5+
SN3

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M F.N

S55 TS5+
SN3 ESA

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

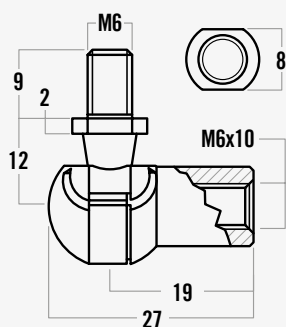
S.6 S.8 S.10

M.M F.N

/S

ATTACCHI SNODATI FILETTATI

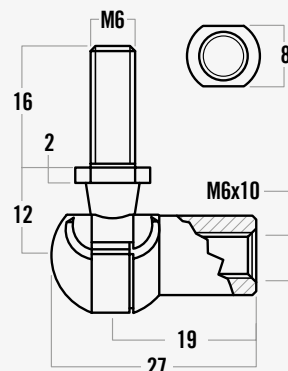
/ screwed ball joints


S56 TS5+
SN3.9

 compatibile con snodo ø 10
/ compatible with joint ø 10

C.15 C.19 C.22

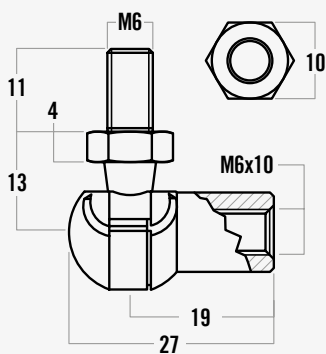
S.6 S.8 S.10

 M.M. **F.N.**

S57 TS5+
SN3.16

 compatibile con snodo ø 10
/ compatible with joint ø 10

C.15 C.19 C.22

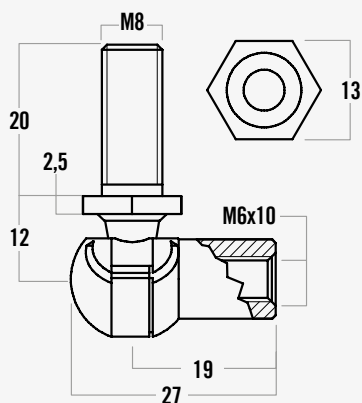
S.6 S.8 S.10

 M.M. **F.N.**

S58 TS5+
SN3 ESA 4

 compatibile con snodo ø 10
/ compatible with joint ø 10

C.15 C.19 C.22

S.6 S.8 S.10

 M.M. **F.N.**

S59 TS5+
SN3 ESA 4

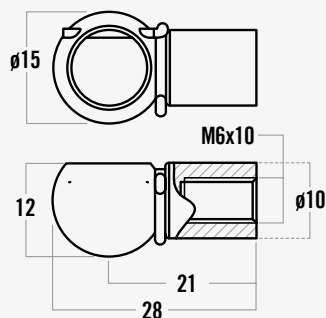
 compatibile con snodo ø 10
/ compatible with joint ø 10

C.15 C.19 C.22

S.6 S.8 S.10

 M.M. **F.N.**

ATTACCHI SNODATI CORTI FILETTATI / S



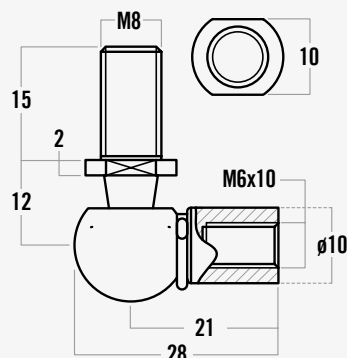
SA0 TS1ACC

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z



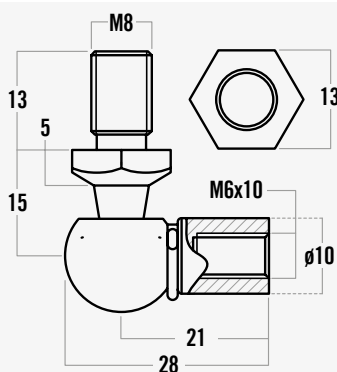
SA1 TS1ACC+SN1B

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z



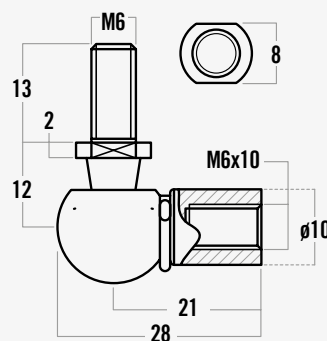
SA2 TS1ACC+SN1BESA

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z



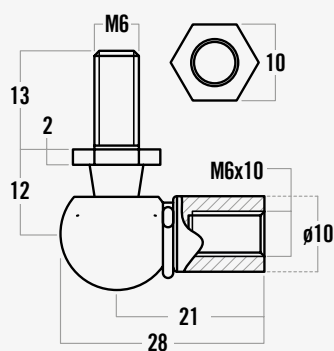
SA4 TS1ACC+SN3

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z



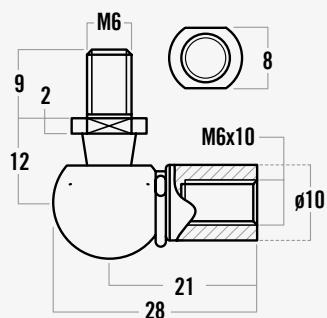
SA5 TS1ACC+SN3 ESA

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z



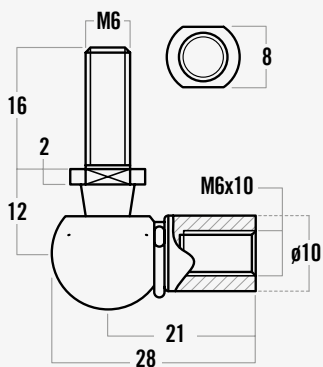
SA6 TS1ACC+SN3 9

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z



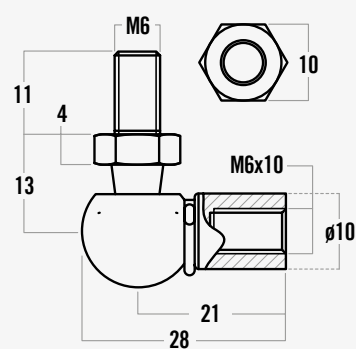
SA7 TS1ACC+SN3 16

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.M. F.Z



SA8 TS1ACC+SN3 ESA 4

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

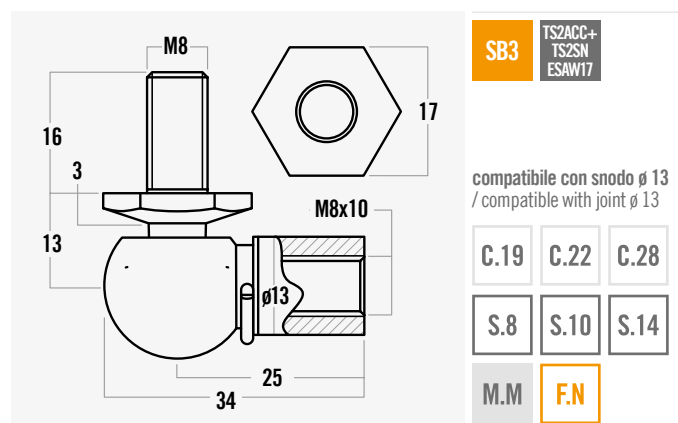
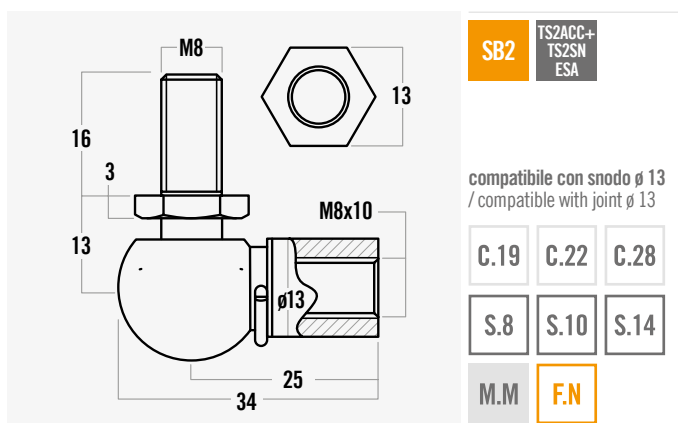
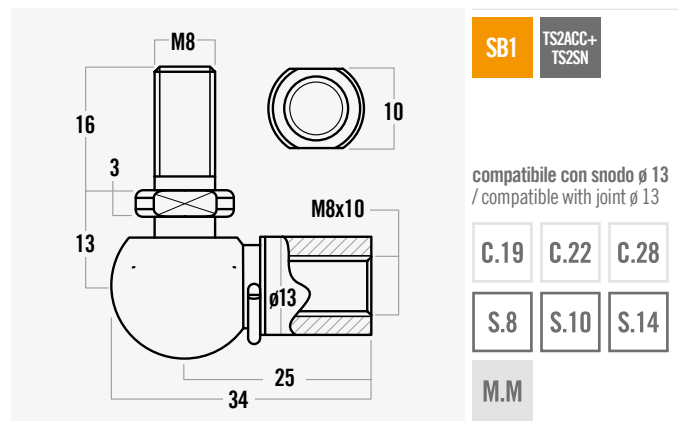
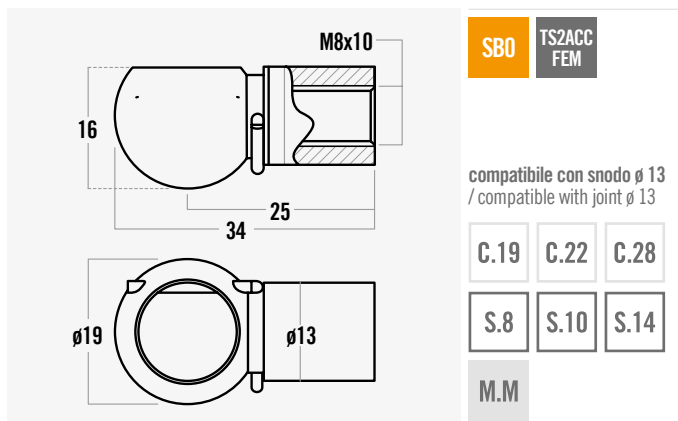
S.6 S.8 S.10

M.M. F.Z

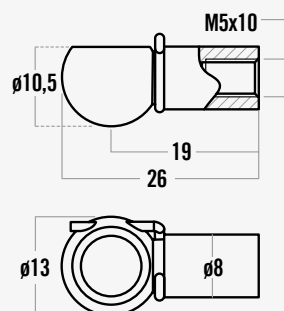
/S

ATTACCHI SNODATI CORTI FILETTATI

/ screwed short ball joints



ATTACCHI SNODATI CORTI FILETTATI / S



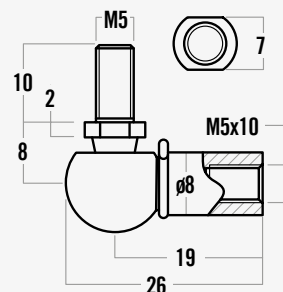
SD0 TS4
ACC

compatibile con snodo $\varnothing 8$
/ compatible with joint $\varnothing 8$

C.15 C.19

S.6 S.8

M.M. **F.Z**



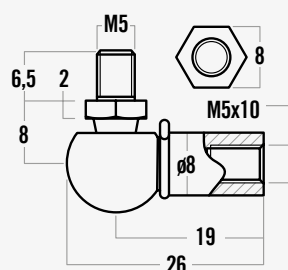
SD1 TS4ACC+
SN4

compatibile con snodo $\varnothing 8$
/ compatible with joint $\varnothing 8$

C.15 C.19

S.6 S.8

M.M. **F.Z**



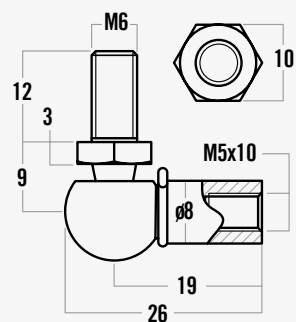
SD2 TS4ACC+
SN4ACC

compatibile con snodo $\varnothing 8$
/ compatible with joint $\varnothing 8$

C.15 C.19

S.6 S.8

M.M. **F.Z**



SD3 TS4ACC+
SNIAL

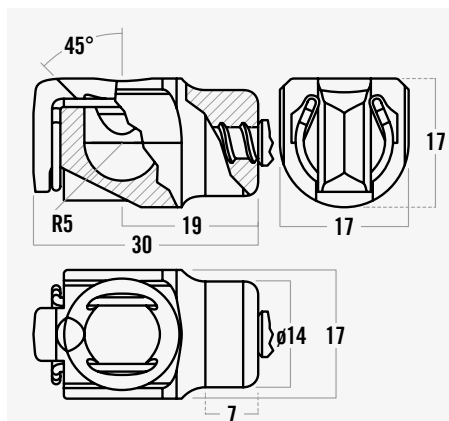
compatibile con snodo $\varnothing 8$
/ compatible with joint $\varnothing 8$

C.15 C.19

S.6 S.8

M.M. **F.Z**

/P ATTACCHI SNODATI AUTOFILETTANTI / self tapping ball joints

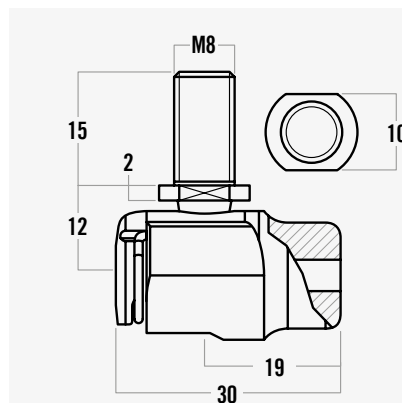


P10 TSNS
FEMM

fino a 400 N
/ up to 400 N

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

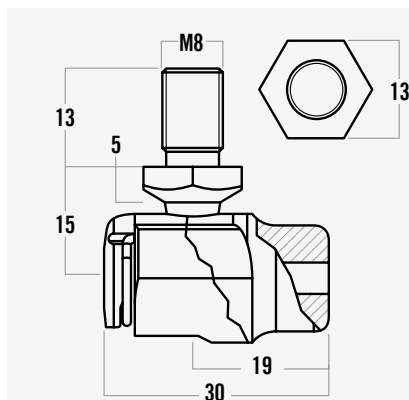


P11 TSNS+
SN1B

fino a 400 N
/ up to 400 N

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

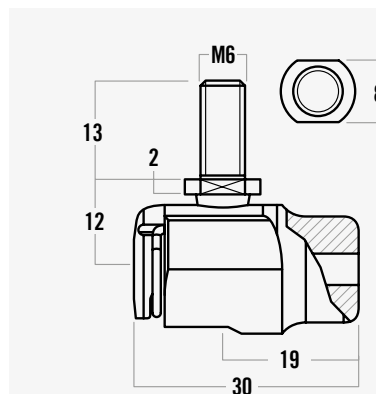


P12 TSNS+
SN1BESA

fino a 400 N
/ up to 400 N

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

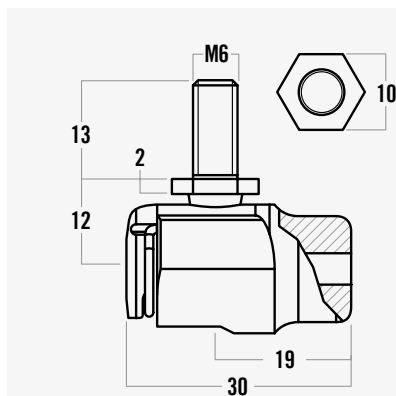


P14 TSNS+
SN3

fino a 400 N
/ up to 400 N

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

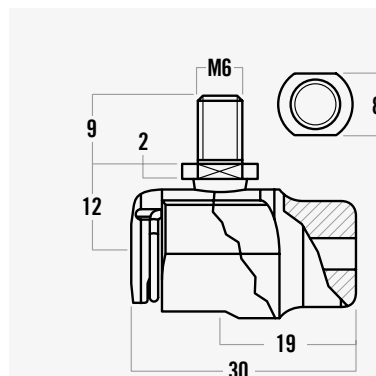


P15 TSNS+
SN3 ESA

fino a 400 N
/ up to 400 N

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

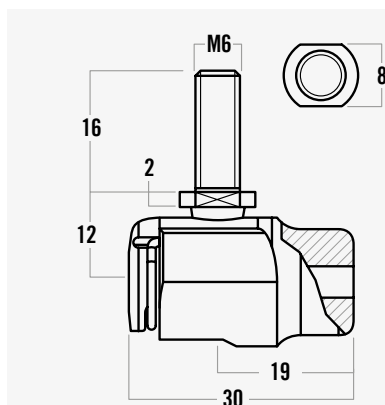


P16 TSNS+
SN3 9

fino a 400 N
/ up to 400 N

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

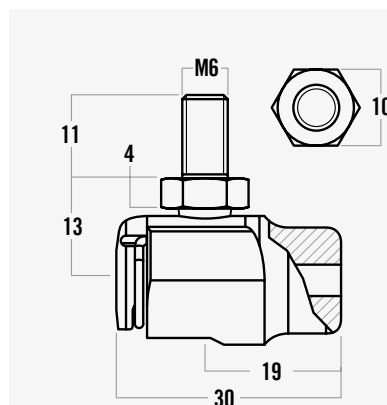


P17 TSNS+
SN3 16

fino a 400 N
/ up to 400 N

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G



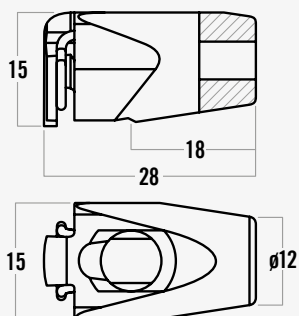
P18 TSNS+
SN3 ESA4

fino a 400 N
/ up to 400 N

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

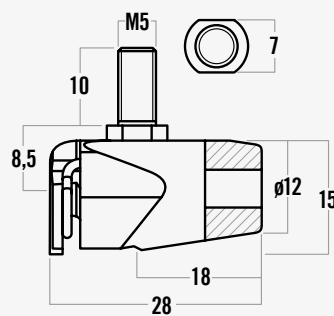
ATTACCHI SNODATI AUTOFILETTANTI / P



P50 TS4NS
FEM

compatibile con snodo Ø 8
/ compatible with joint Ø 8

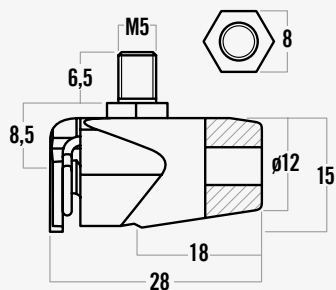
C.12	C.15
S.4	S.6
M.P	F.B F.G



P51 TS4NS+
SN4

compatibile con snodo Ø 8
/ compatible with joint Ø 8

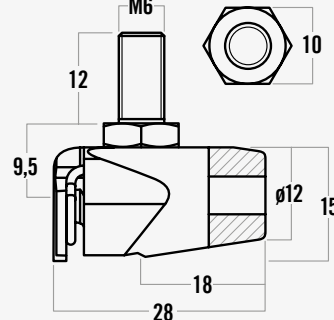
C.12	C.15
S.4	S.6
M.P	F.B F.G



P52 TS4NS+
SN4ACC

compatibile con snodo Ø 8
/ compatible with joint Ø 8

C.12	C.15
S.4	S.6
M.P	F.B F.G



P53 TS4NS+
SN1AL

compatibile con snodo Ø 8
/ compatible with joint Ø 8

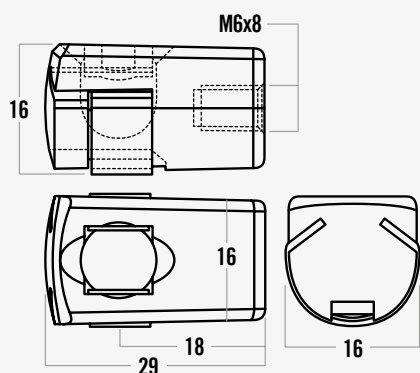
C.12	C.15
S.4	S.6
M.P	F.B F.G



/P

ATTACCHI SNODATI FILETTATI

/ screwed ball joints

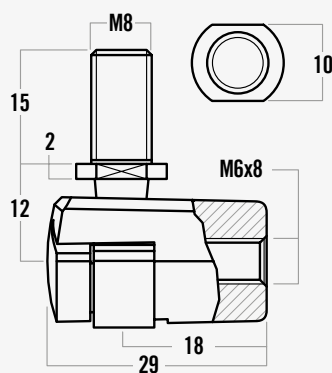

P70 TS1PL
FEMM

 compatibile con snodo $\varnothing$ 10
 / compatible with joint $\varnothing$ 10

C.15	C.19	C.22
------	------	------

S.6	S.8	S.10
-----	-----	------

M.P	F.B
-----	------------

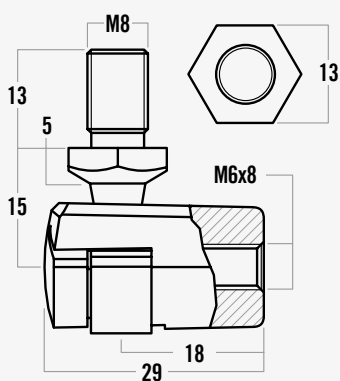

P71 TS1PL+
SN1B

 compatibile con snodo $\varnothing$ 10
 / compatible with joint $\varnothing$ 10

C.15	C.19	C.22
------	------	------

S.6	S.8	S.10
-----	-----	------

M.P	F.B
-----	------------

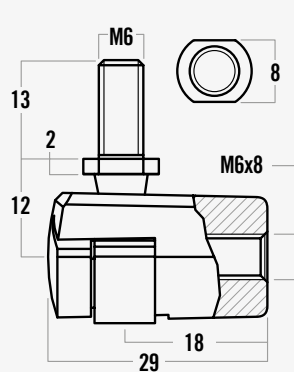

P72 TS1PL+
SN1BESA

 compatibile con snodo $\varnothing$ 10
 / compatible with joint $\varnothing$ 10

C.15	C.19	C.22
------	------	------

S.6	S.8	S.10
-----	-----	------

M.P	F.B
-----	------------

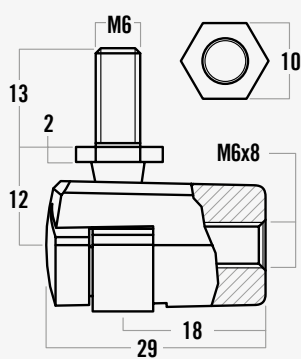

P74 TS1PL+
SN3

 compatibile con snodo $\varnothing$ 10
 / compatible with joint $\varnothing$ 10

C.15	C.19	C.22
------	------	------

S.6	S.8	S.10
-----	-----	------

M.P	F.B
-----	------------

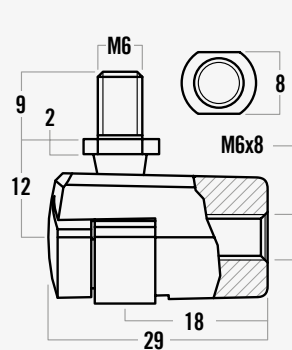

P75 TS1PL+
SN3 ESA

 compatibile con snodo $\varnothing$ 10
 / compatible with joint $\varnothing$ 10

C.15	C.19	C.22
------	------	------

S.6	S.8	S.10
-----	-----	------

M.P	F.B
-----	------------

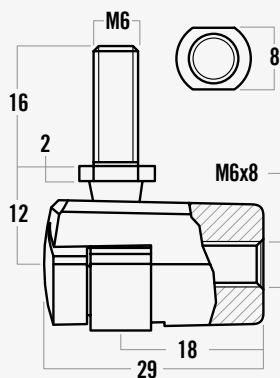

P76 TS1PL+
SN3 9

 compatibile con snodo $\varnothing$ 10
 / compatible with joint $\varnothing$ 10

C.15	C.19	C.22
------	------	------

S.6	S.8	S.10
-----	-----	------

M.P	F.B
-----	------------

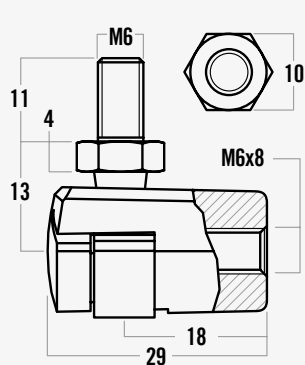

P77 TS1PL+
SN3 16

 compatibile con snodo $\varnothing$ 10
 / compatible with joint $\varnothing$ 10

C.15	C.19	C.22
------	------	------

S.6	S.8	S.10
-----	-----	------

M.P	F.B
-----	------------


P78 TS1PL+
SN3 ESA4

 compatibile con snodo $\varnothing$ 10
 / compatible with joint $\varnothing$ 10

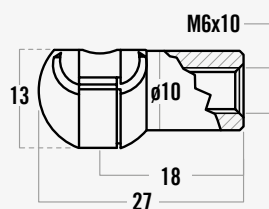
C.15	C.19	C.22
------	------	------

S.6	S.8	S.10
-----	-----	------

M.P	F.B
-----	------------

ATTACCHI SNODATI FILETTATI / screwed ball joints

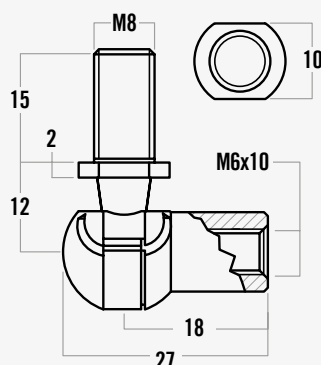
/ P



P80 TS5 PL

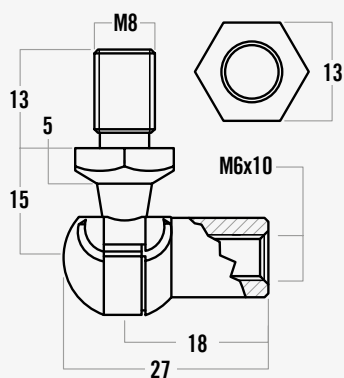
compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

P81 TS5 PL
SN1B

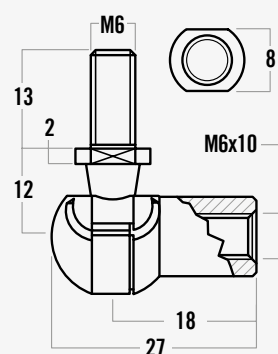
compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

P82 TS5 PL
SN1BESA

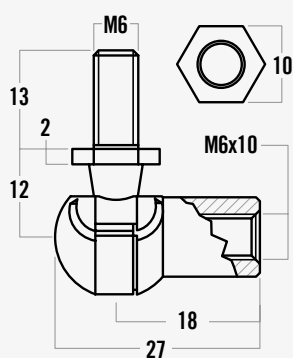
compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

P84 TS5 PL
SN3

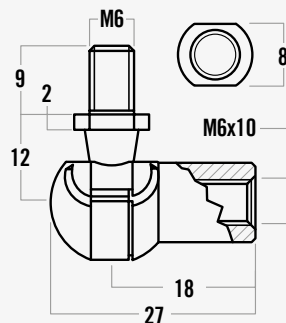
compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

P85 TS5 PL
SN3 ESA

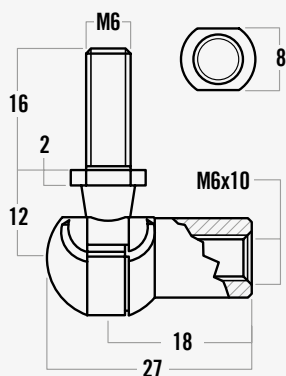
compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

P86 TS5 PL
SN3.9

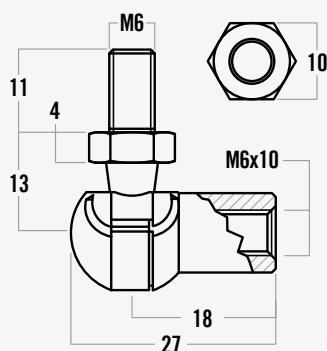
compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

P87 TS5 PL
SN3.16

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

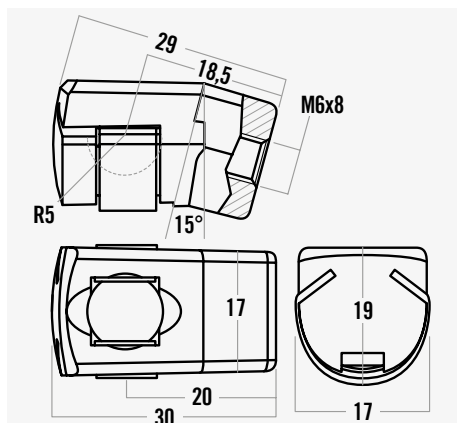
C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

P88 TS5 PL
SN3.ESA.4

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15	C.19	C.22
S.6	S.8	S.10
M.P	F.B	F.G

/P

ATTACCHI SNODATI FILETTATI
/ screwed ball joints

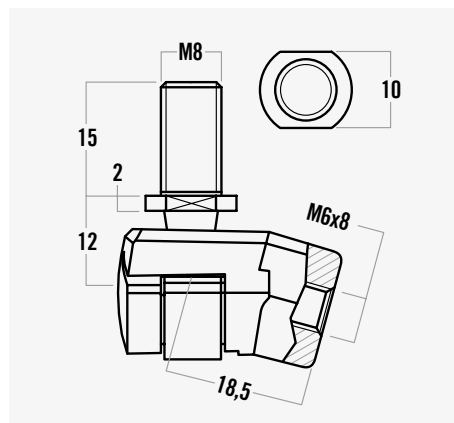
P90 TSPM6
FEMM

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.19 C.22

S.8 S.10

M.P. **F.B.**



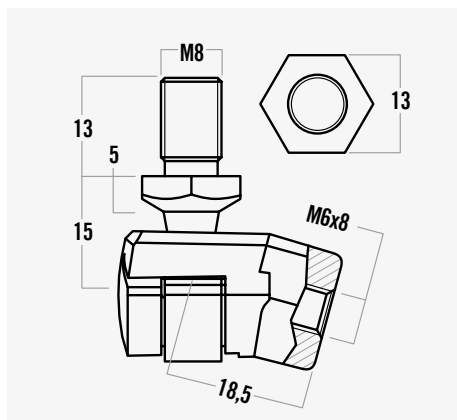
P91 TSPM6+
SN1B

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.19 C.22

S.8 S.10

M.P. **F.B.**



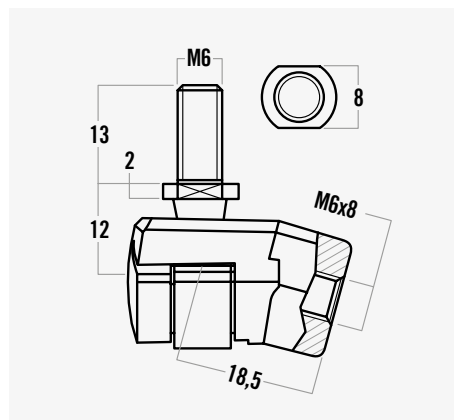
P92 TSPM6+
SN1BESA

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.19 C.22

S.8 S.10

M.P. **F.B.**



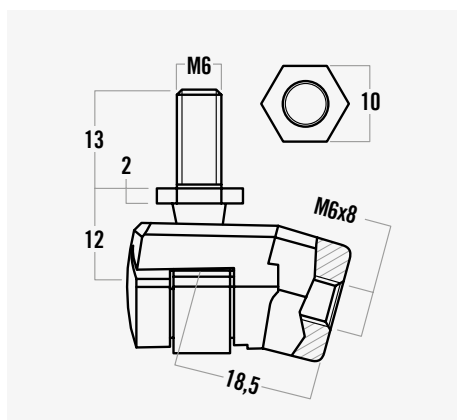
P94 TSPM6+
SN3

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.19 C.22

S.8 S.10

M.P. **F.B.**



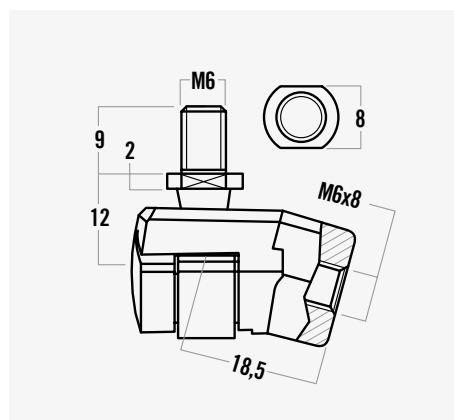
P95 TSPM6+
SN3 ESA

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.19 C.22

S.8 S.10

M.P. **F.B.**



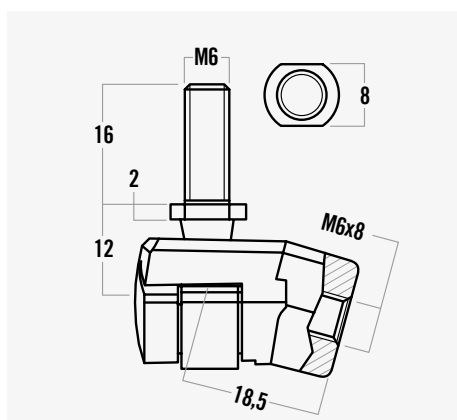
P96 TSPM6+
SN3.9

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.19 C.22

S.8 S.10

M.P. **F.B.**



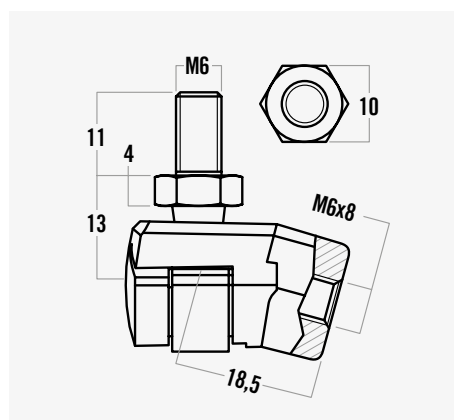
P97 TSPM6+
SN3.16

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.19 C.22

S.8 S.10

M.P. **F.B.**



P98 TSPM6+
SN3 ESA4

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

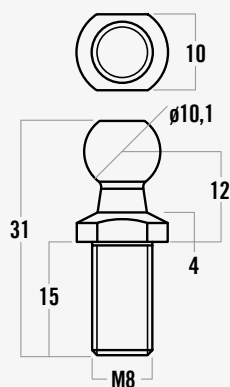
C.19 C.22

S.8 S.10

M.P. **F.B.**

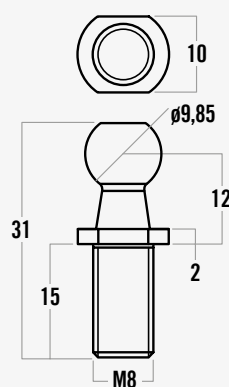
SNODI
 / joints

/ N

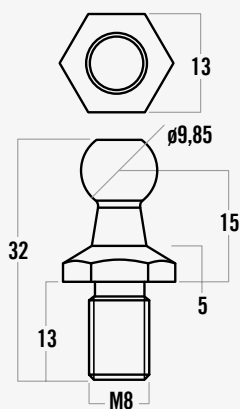

N1B **SN1B
MAGG**

 compatibile solo con P10
 / compatible only with P10

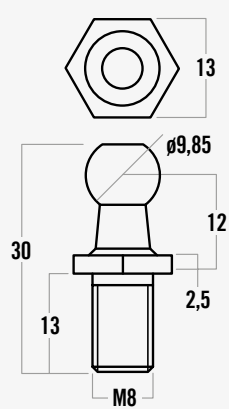
M.M


N11 **SN1B**

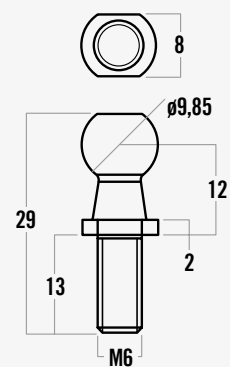
M.M


N12 **SN1
BESA**

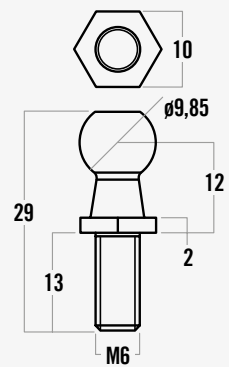
M.M


N13 **SN1
BESA11**

M.M

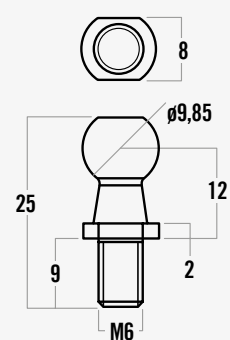

N14 **SN3**

M.M

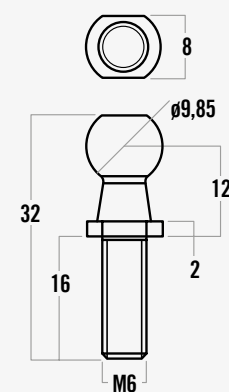

N15 **SN3_ESA**

 disponibile anche con M5
 / available also with M5

M.M

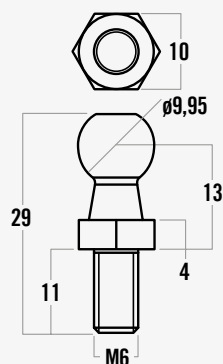

N16 **SN3_9**

M.M

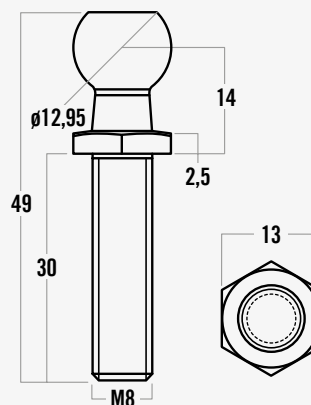

N17 **SN3_16**

M.M

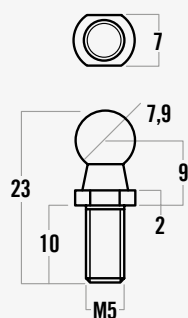
/ N

SNODI
/ jointsN18 SN3
ESA_4

M.M

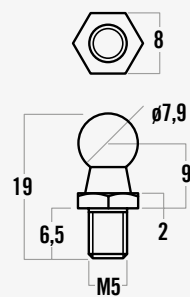
N24 SN2
M8H30

M.M

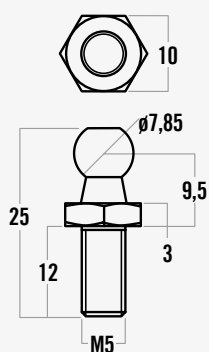


N81 SN4

M.M

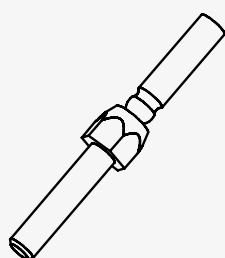
N82 SN4
ACC

M.M



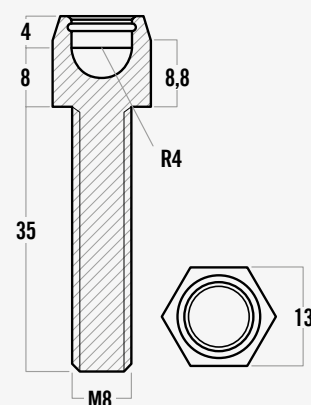
N83 SN1AL

M.M

NP8 PES
NM8

SCALA 0,5

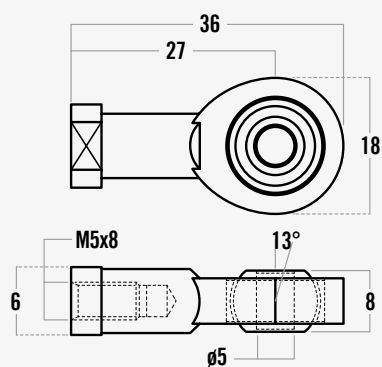
M.M

NP8 PES
NM8

M.M

UNIBALL
 / uniball

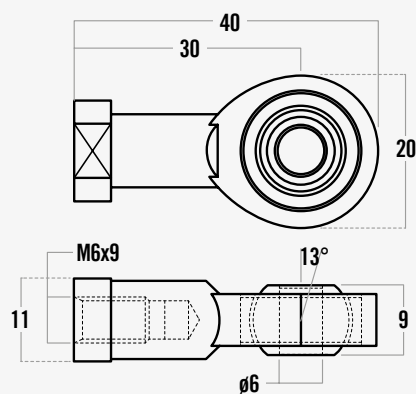
/ U

**U05**

C.15

S.6

M.M

U06

C.15

C.19

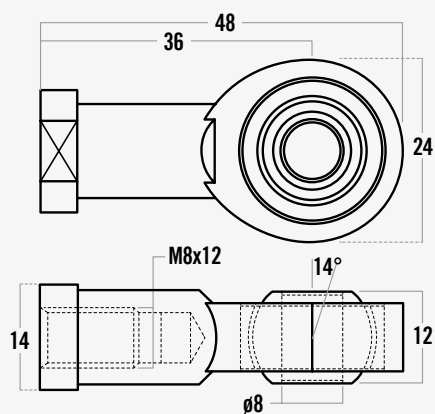
C.22

S.6

S.8

S.10

M.M

U08

C.19

C.22

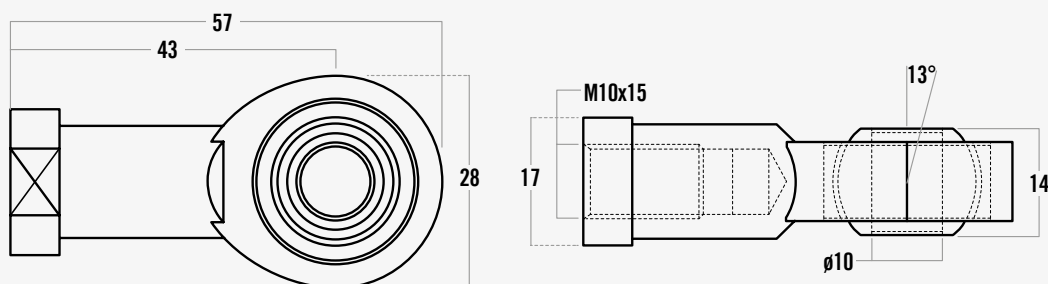
C.28

S.8

S.10

S.14

M.M

U10

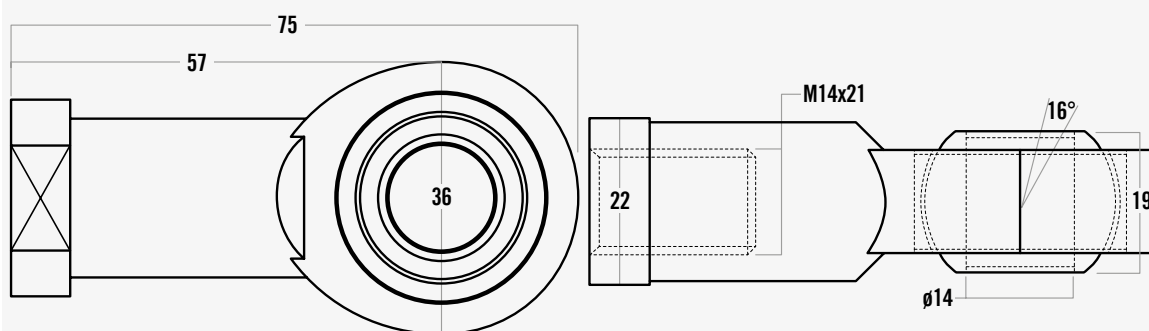
C.22

C.28

S.10

S.14

M.M

U14

C.28

S.14

M.M

STAFFE DI FISSAGGIO

/ brackets

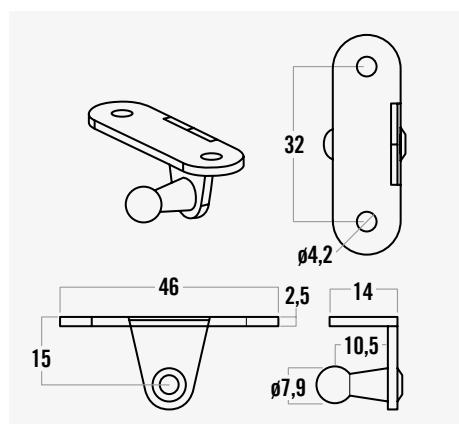
/ SF

pag. 42

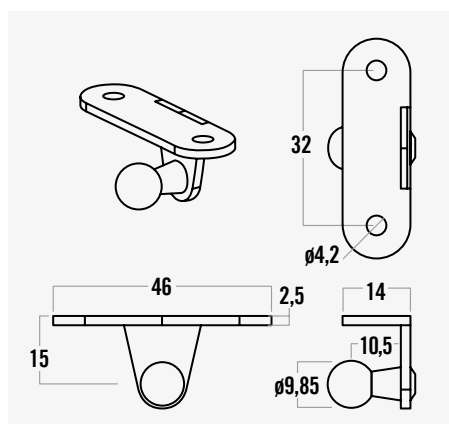


STAFFE CARICO LEGGERO / light load brackets

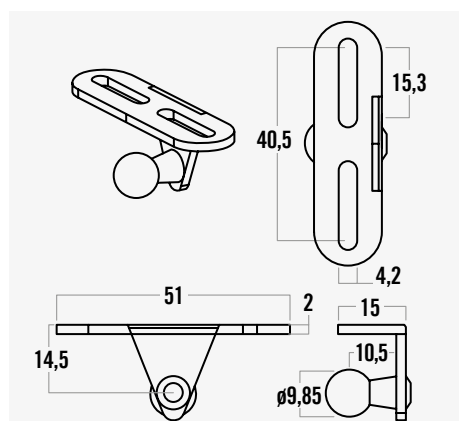
/ SF

SF
1502
SN8

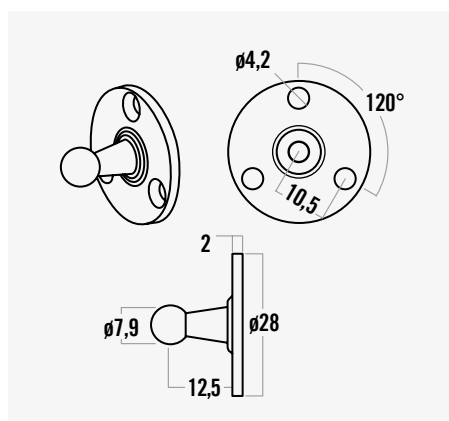
M.M

SF
1502
SN10

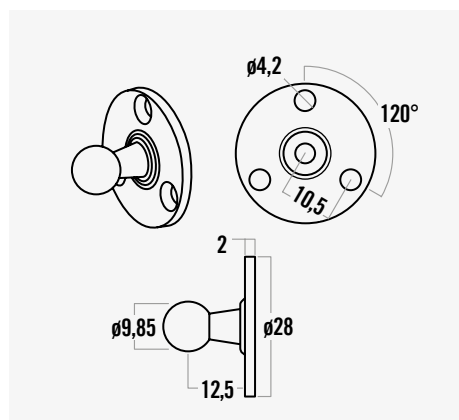
M.M

SF
1502F
SN10

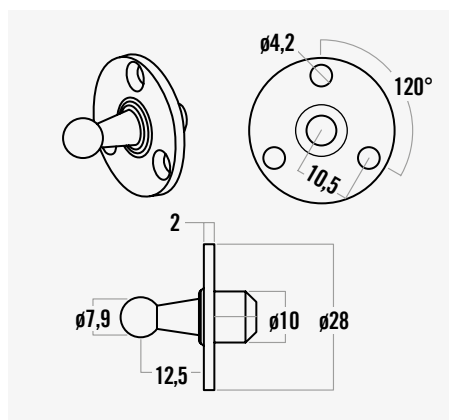
M.M

SF
1503
SN8

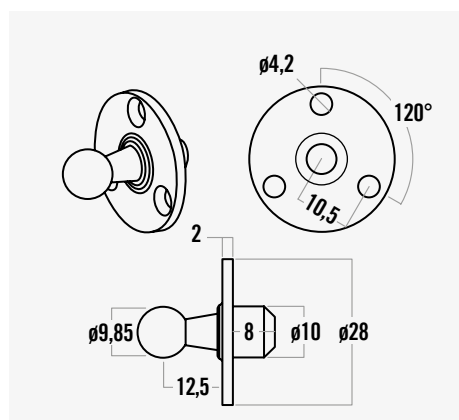
M.M

SF
1503
SN10

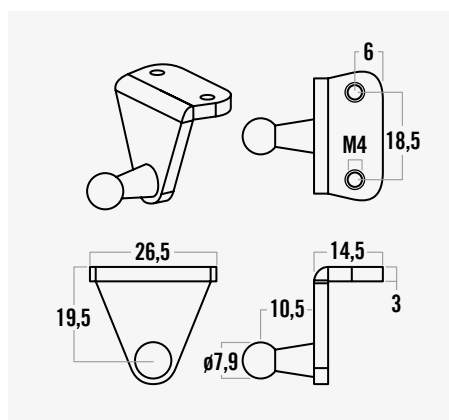
M.M

SF
1503B
SN8

M.M

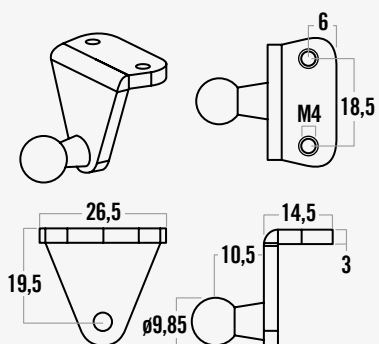
SF
1503B
SN10

M.M

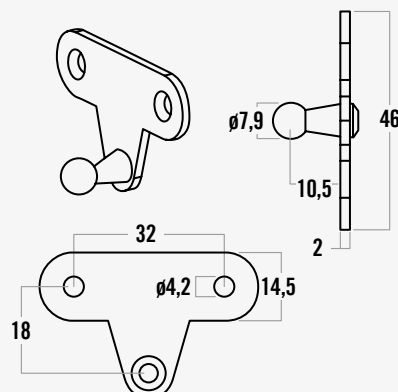
SF
1506
SN8

M.M

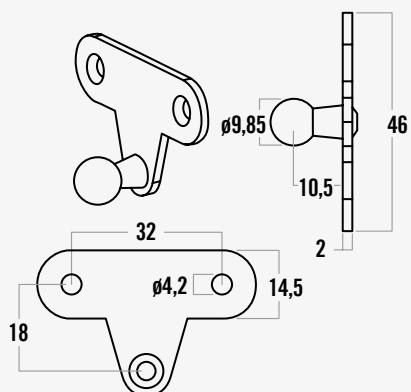
/ SF

STAFFE CARICO LEGGERO
/ light load bracketsSF
1506
SN10

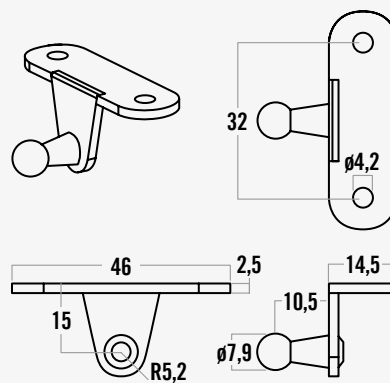
M.M

SF
1507
SN8

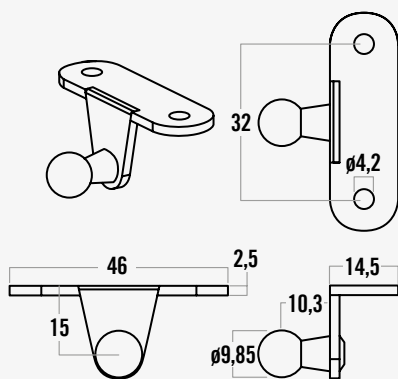
M.M

SF
1507
SN10

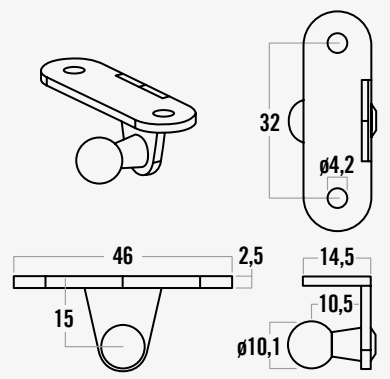
M.M

SF
1508
SN8

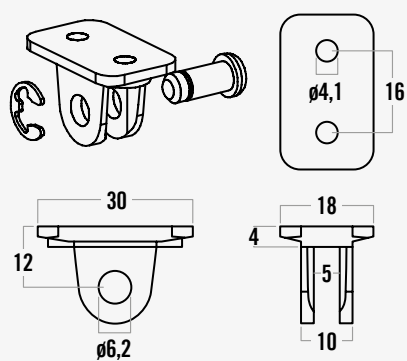
M.M

SF
1508
SN10

M.M

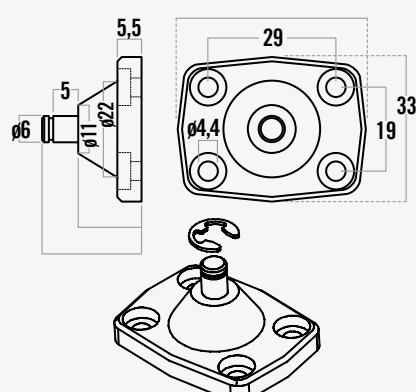
SF
1509
SN10

M.M

SF
P89
PE6

M.P

F.G

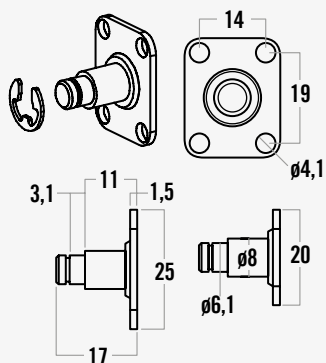
SF
P93
PE6

M.P

F.B

STAFFE CARICO PESANTE / heavy load brackets

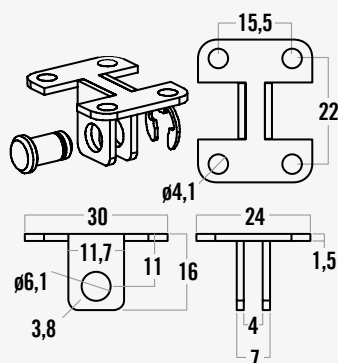
/ SF

SF
1500

M.M

F.Z

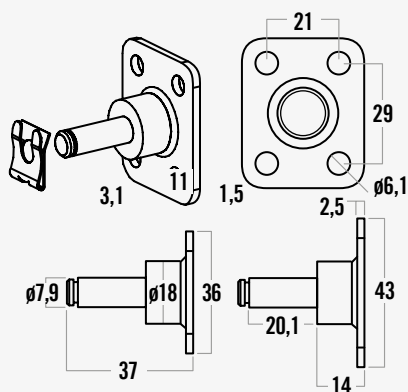
F.B

SF
1501

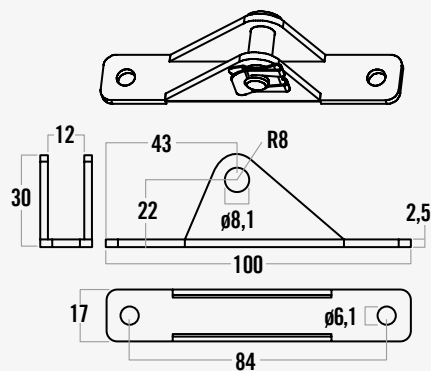
M.M

F.Z

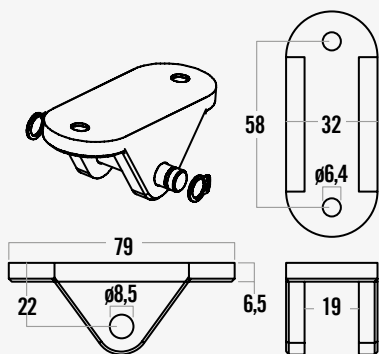
F.B

SF
1504
PE8

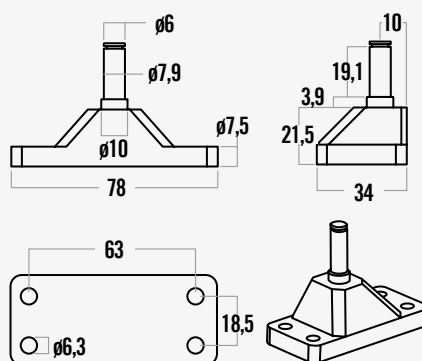
M.M

SF
1505
PE8

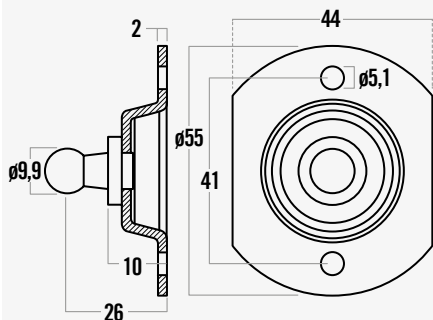
M.M

SF
A200
PE8

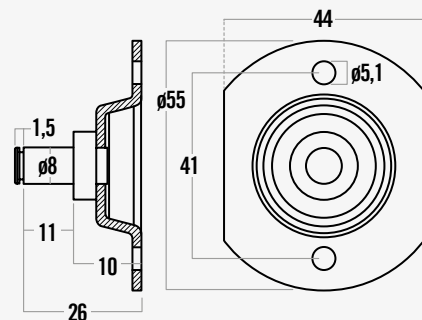
M.M

SF
A201
PE8

M.M

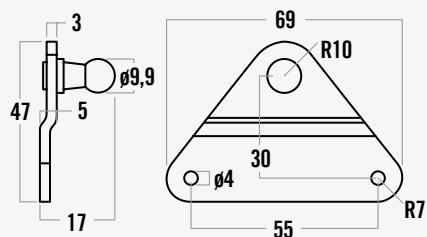
SF
BRK012
SN10

M.M

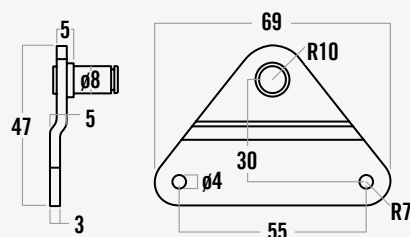
SF
BRK015
PE8

M.M

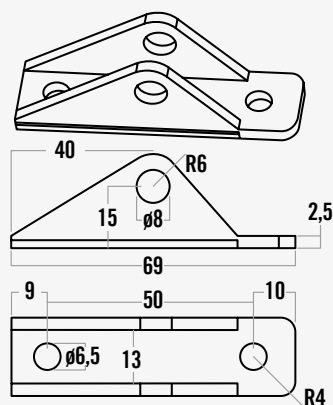
/ SF

STAFFE CARICO PESANTE
/ heavy load bracketsSF
BRK023
SN10

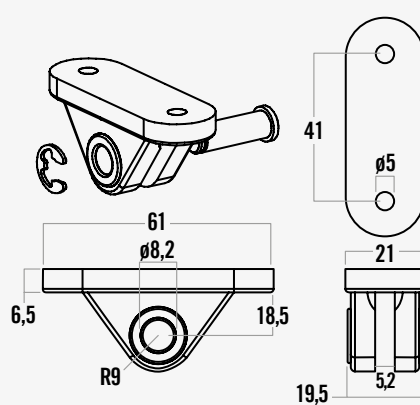
M.M

SF
BRK025
PE8

M.M

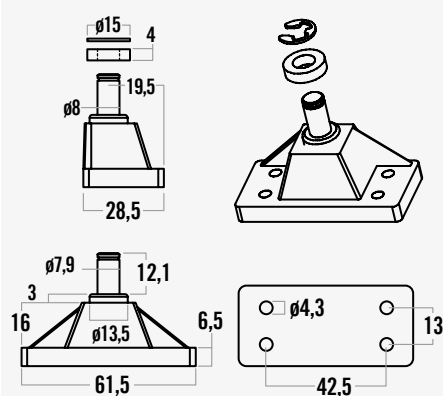
SF
BRK032
PE8

M.M

SF
P100
PE8

M.P

F.B

SF
P101
PE8

M.P

F.B

ATTACCHI E STAFFE INOX AISI316L

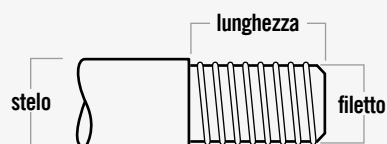
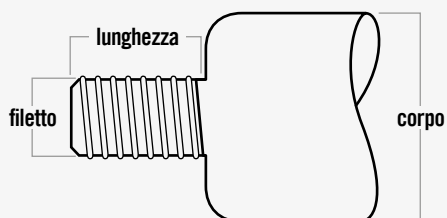
/ AISI316L stainless steel fittings and brackets

/ G	/ FI	pag. 48	
/ XC	/ FC	pag. 50	
/ XF	/ RF	pag. 51	
/ XG	/ RS	pag. 52	
/ XT	/ TF	pag. 53	
/ XS	/ TS	pag. 54	
	/ SF	pag. 56	

FILETTI INOX

/ stainless steel screws

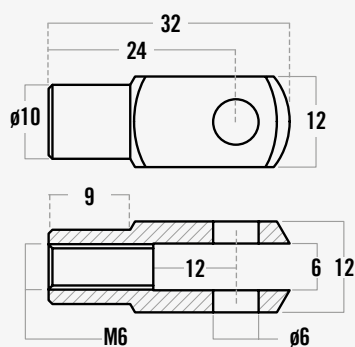
/ G



CODICE / code	FILETTO / thread	LUNGHEZZA / length	DIAMETRO CORPO / diameter body	DIAMETRO STELO / diameter rod	MATERIALI / materials
G45	M4	5 mm	12	4	M.I
G57	M5	7 mm	15 / 19	6 / 8	M.I
G66	M6	6 mm	15 / 19 / 22	6 / 8 / 10	M.I
G68	M6	8 mm	15 / 19 / 22	6 / 8 / 10	M.I
G81	M8	10 mm	19 / 22 / 28	8 / 10 / 14	M.I
G88	M8	8 mm	19 / 22	8 / 10	M.I
G11	M10	10 mm	22 / 28	10 / 14	M.I

FORCELLE FILETTATE INOX / stainless steel screwed forks

/XC



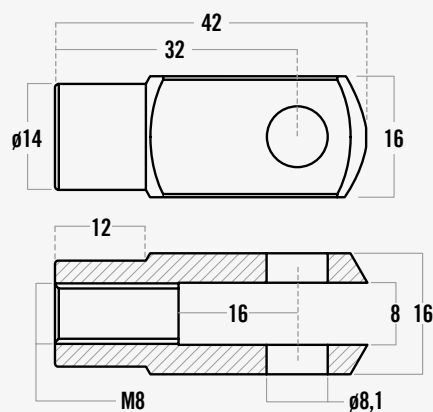
XC1 FC1

CON CLIP C12
/ with clip C12

C.15 C.19

S.6 S.8

M.I. F.E.L



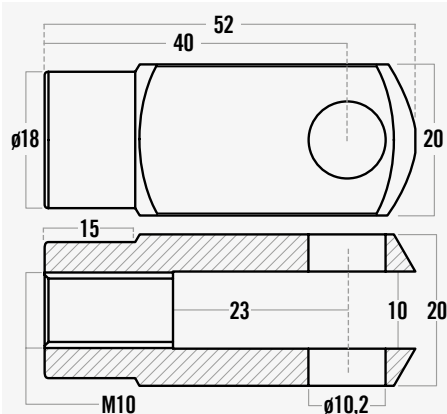
XC2 FC2

CON CLIP C22
/ with clip C22

C.19 C.22

S.8 S.10

M.I. F.E.L



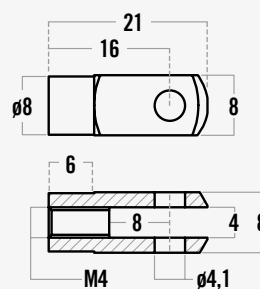
XC3 FC3

CON CLIP C32
/ with clip C32

C.22 C.28

S.10 S.14

M.I. F.E.L



XC4 FC12

CON CLIP C14
/ with clip C14

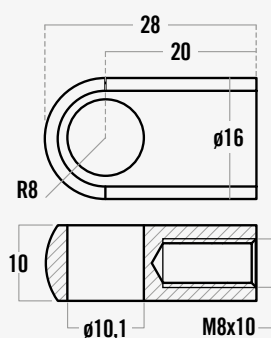
C.12

S.4

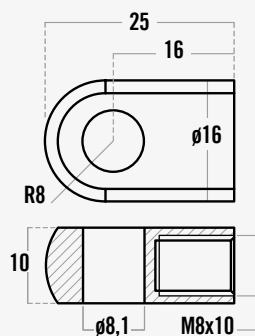
M.I. F.E.L



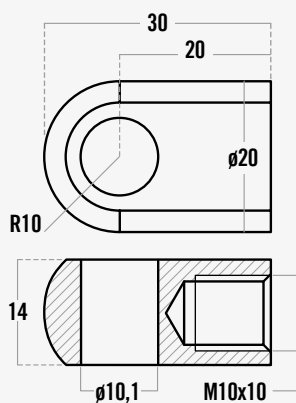
/ XF

OCCHIELLI FILETTATI INOX
 / stainless steel screwed eyelets

XF1 RF10
 inox

C.19	C.22	C.28
S.8	S.10	S.14
M.I	F.EL	


XF2 RF2
 inox

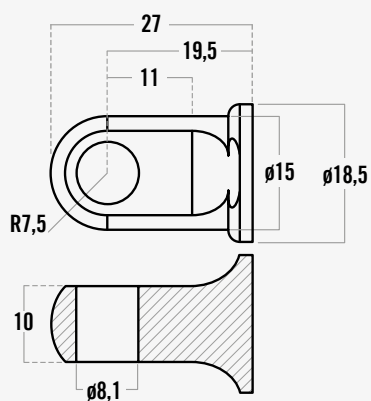
C.19	C.22	C.28
S.8	S.10	S.14
M.I	F.EL	


XF8 RF8
 inox

C.28	
S.10	S.14
M.I	F.EL

OCCHIELLI SALDATI INOX / stainless steel welded eyelets

/ XG



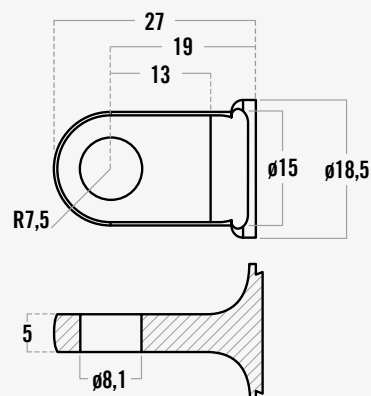
XG1

RF2
inox

C.19

M.I

F.E.L



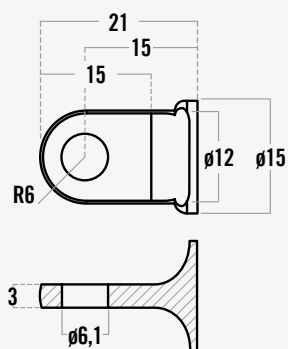
XG2

RS2
aisi

C.19

M.I

F.E.L



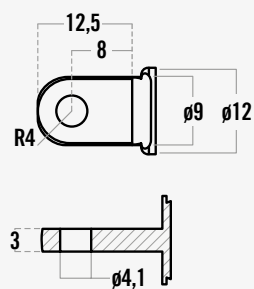
XG3

RS3
aisi

C.15

M.I

F.E.L



XG4

RS4

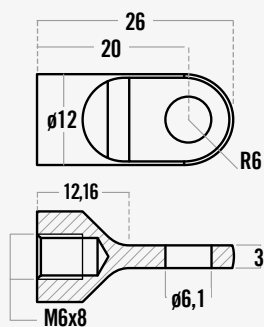
C.12

M.I

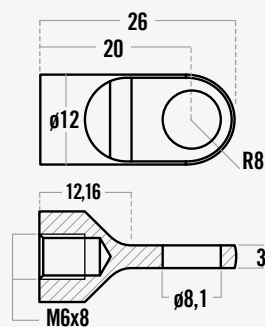
F.E.L



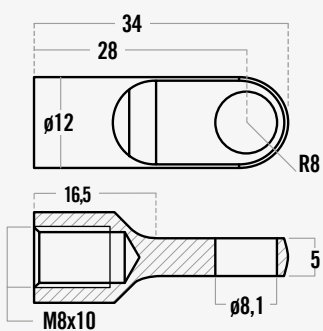
/ XT

OCCHIELLI FILETTATI INOX
 / stainless steel screwed eyelets

XT1 **TF7**

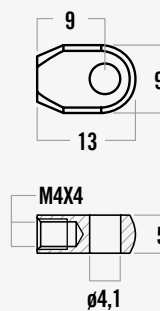
C.15	C.19
S.6	S.8
M.I	F.EL


XT2 **TF7 foro8**

C.15	C.19
S.6	S.8
M.I	F.EL


XT3 **TF8**

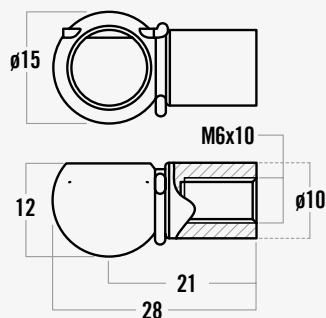
C.19	C.22
S.8	S.10
M.I	F.EL


XT4 **TF9M4**

C.12	
S.4	
M.I	F.EL

ATTACCHI SNODATI FILETTATI / screwed ball joints

/ XS



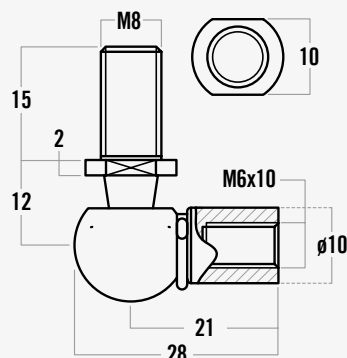
XA0 TS1ACC

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.I. F.E.L.



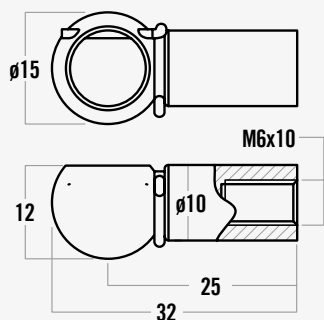
XA1 TS1ACC +SN1B

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.I. F.E.L.



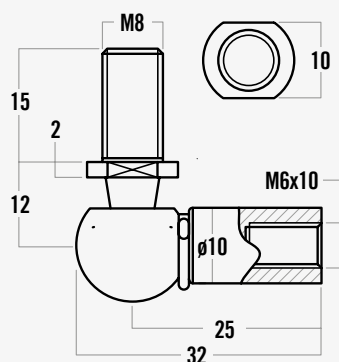
XS0 TS1

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.I. F.E.L.



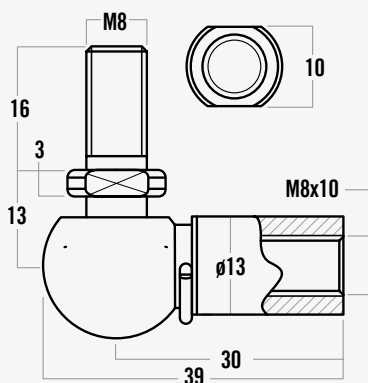
XS1 TS1+ SN1B

compatibile con snodo $\varnothing 10$
/ compatible with joint $\varnothing 10$

C.15 C.19 C.22

S.6 S.8 S.10

M.I. F.E.L.



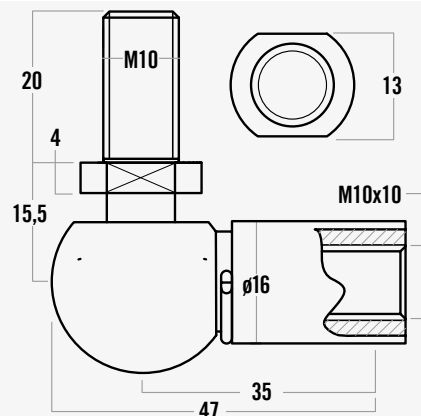
XS2 TS2+ TS2SN

compatibile con snodo $\varnothing 13$
/ compatible with joint $\varnothing 13$

C.19 C.22 C.28

S.8 S.10 S.14

M.I. F.E.L.



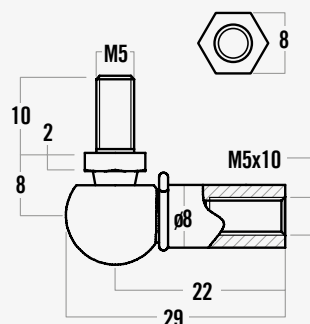
XS3 TS3+ TS3SN

compatibile con snodo $\varnothing 16$
/ compatible with joint $\varnothing 16$

C.22 C.28

S.10 S.14

M.I. F.E.L.



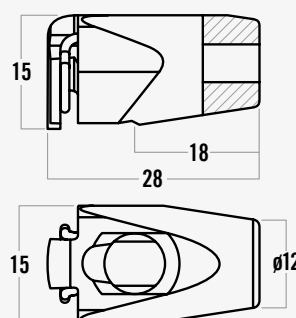
XS4 TS4+ SN4

compatibile con snodo $\varnothing 8$
/ compatible with joint $\varnothing 8$

C.15 C.19

S.6 S.8

M.M. F.Z.



P50 TS4NS FEM

compatibile con snodo $\varnothing 8$
/ compatible with joint $\varnothing 8$

fermo in AISI 316
/ seafy pin in AISI 316L

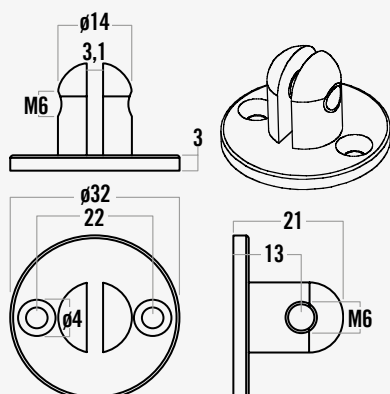
C.12 C.15

S.4 S.6

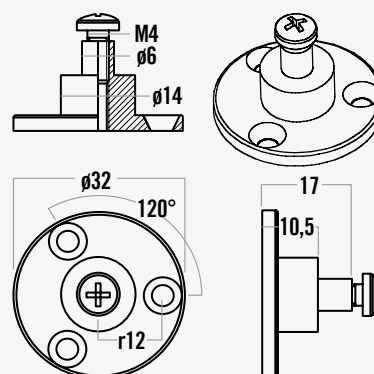
M.P.

STAFFE INOX / stainless steel brackets

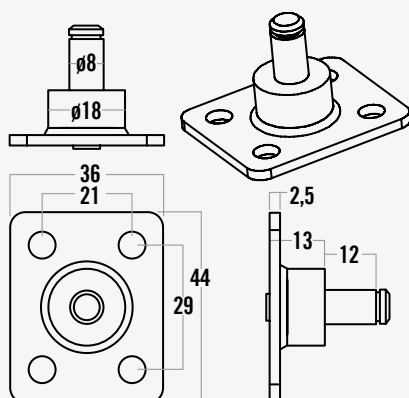
/ SF

SF
1551
PE6ottone cromato
/ chromed brass

M.I

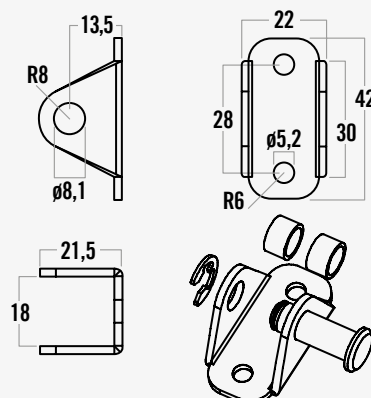
SF
1552
PE6ottone cromato
/ chromed brass

M.I

SF
1554
PE8

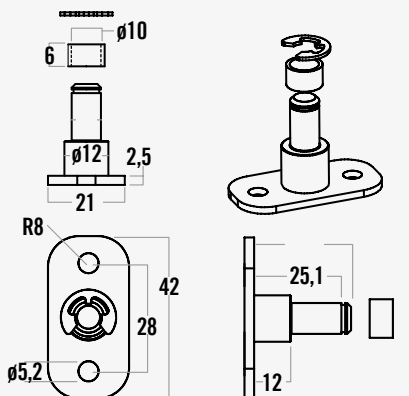
M.I

F.E.L

SF
1555
PE8

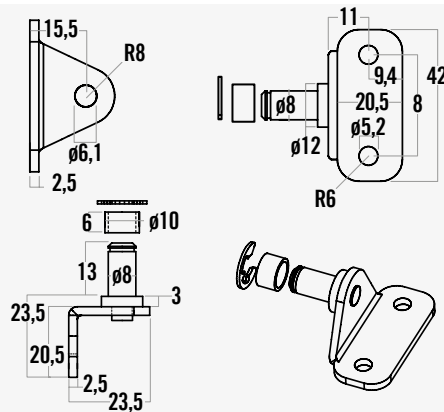
M.I

F.E.L

SF
1556
PE8

M.I

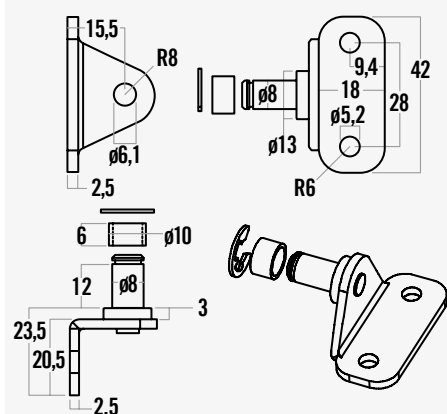
F.E.L

SF
1557
PE6

M.I

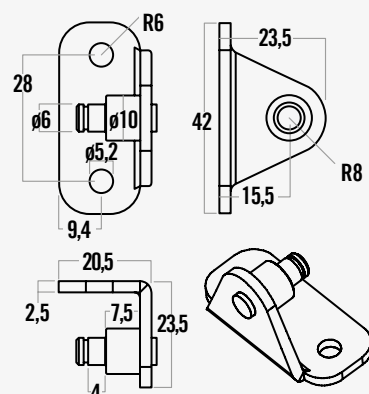
F.E.L

/ SF

STAFFE INOX
/ stainless steel bracketsSF
1557
PE8

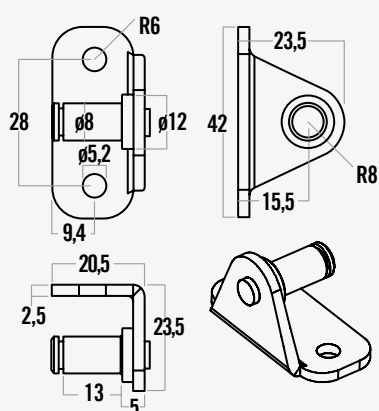
M.I

F.E.L

SF
1558
PE6

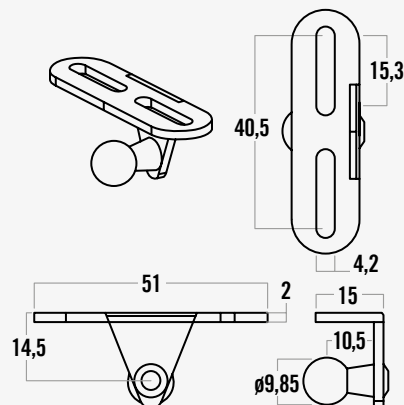
M.I

F.E.L

SF
1558
PE8

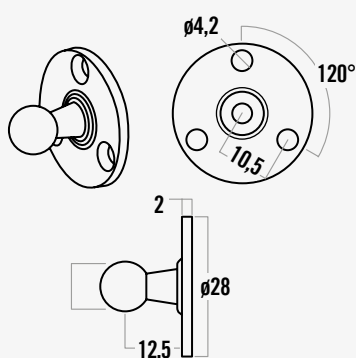
M.I

F.E.L

SF
1559a richiesta con snodo $\varnothing 8$
/ on request with joint $\varnothing 8$

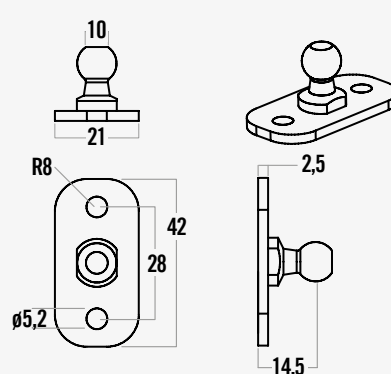
M.I

F.E.L

SF
1560a richiesta con snodo $\varnothing 8$
/ on request with joint $\varnothing 8$

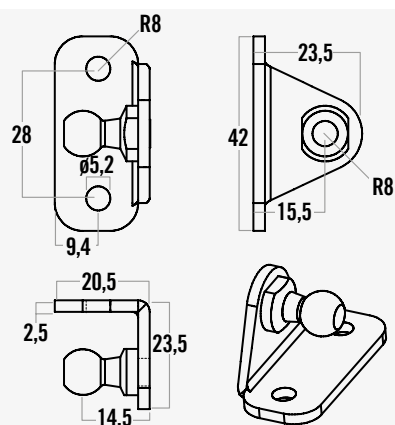
M.I

F.E.L

SF
1561

M.I

F.E.L

SF
1562

M.I

F.E.L

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