

## MECANISMO

Un resorte de gas es un elemento compuesto por un cuerpo que almacena nitrógeno, un vástago y un émbolo. Al introducir el vástago dentro del cuerpo por compresión el espacio donde se almacena el nitrógeno se reduce y así se consigue la fuerza del resorte.

## TIPOS DE RESORTE



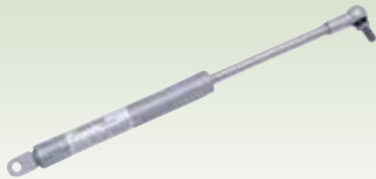
### LIFT

Éste es el tipo más común y funciona por extensión, se utiliza para equilibrar y compensar pesos. Sus aplicaciones son las más conocidas, tales como portones de automóviles, muebles, maquinaria.



### GT-LIFT

El principio de funcionamiento de este modelo de resorte es lo contrario al tipo LIFT. Es decir trabaja a tracción en vez de por extensión. Las aplicaciones más comunes son puertas de garaje, sistemas de extracción y maquinaria.



### INOXLIFT

Cuando se requiere una alta resistencia a la oxidación, ofrecemos una amplia gama de modelos LIFT, GT-LIF y STOPLIFT fabricados en acero inoxidable. Concretamente con materiales de acuerdo con las normas SAE304 o SAE316L.



### STOPLIFT

Este modelo de resorte tiene como variante que lo podemos dejar fijo en cualquier posición que se requiera. Mediante una estructura interna especial conseguimos este mecanismo.



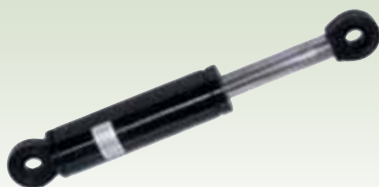
### STEP-STOP

Resortes con varias carreras. Mediante unas ranuras especiales ubicadas dentro del tubo, se pueden definir varias posiciones de trabajo, el resorte va empujando por extensión hasta los diferentes ángulos, dependiendo de cuantos puntos de posición se hayan determinado.



### LIFT & LOCK

Los resortes LIFT & LOCK son LIFT estándar pero con un mecanismo adicional de bloqueo al final de carrera. Dependiendo del modelo escogido, el bloqueo se puede aplicar en extensión o en tracción.



### LKD

Esta gama de resortes se utilizan para fuerzas dentro de unos parámetros excepcionales, desde 740 Kg. hasta 5.000 Kg. Ideal para una amplia gama de aplicaciones en maquinaria industrial.

## ESPECIFICACIONES TÉCNICAS GENERALES

### Tubo

- Pintura negra (estándar)
- Opcional de diferentes colores bajo pedido (según códigos RAL).
- Galvanizado
- Acero Inoxidable (5AE304 o SAE316L)

### Varilla

- Negra
- Cromada
- Acero Inoxidable (5AE304 o SAE316L)

### Anclajes

En caso de no indicar lo contrario el material estándar de los anclajes es metal.

### Amortiguación

La dureza de la amortiguación se puede regular de acuerdo con cualquier requerimiento, tanto en extensión, tracción, o en ambos sentidos.

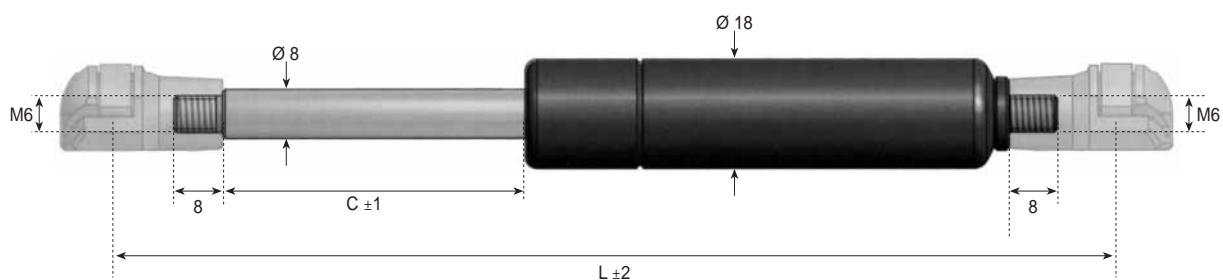
### Velocidad de la carrera

Ésta se puede ajustar, dentro de unos límites físicos lógicos, de acuerdo con cualquier requerimiento.

### Temperatura de trabajo

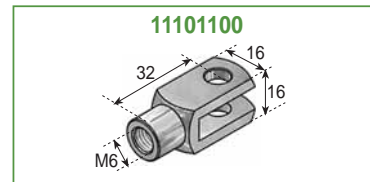
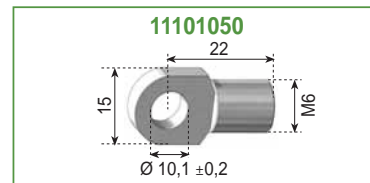
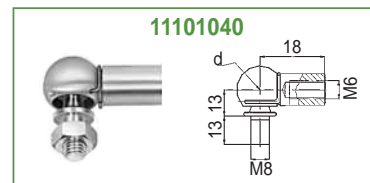
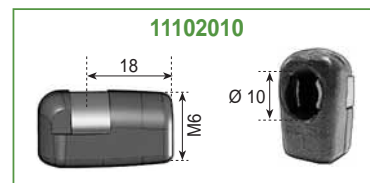
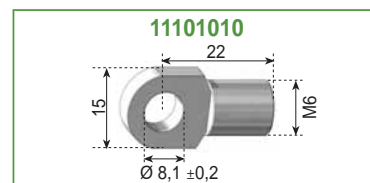
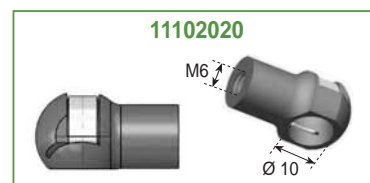
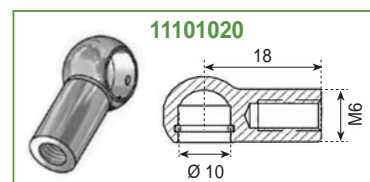
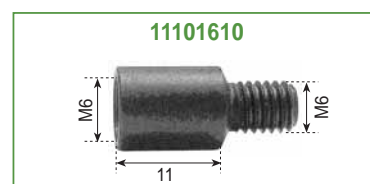
- Estándar -30°C hasta +80°C
- Bajo pedido a partir de -45°C.
- Bajo pedido a partir de +200°C.





L	C	F1 (N)	Ref. montada
150	30	100	08 150 100
150	30	150	08 150 150
150	30	200	08 150 200
175	45	100	08 175 100
175	45	150	08 175 150
175	45	200	08 175 200
225	70	100	08 225 100
225	70	150	08 225 150
225	70	200	08 225 200

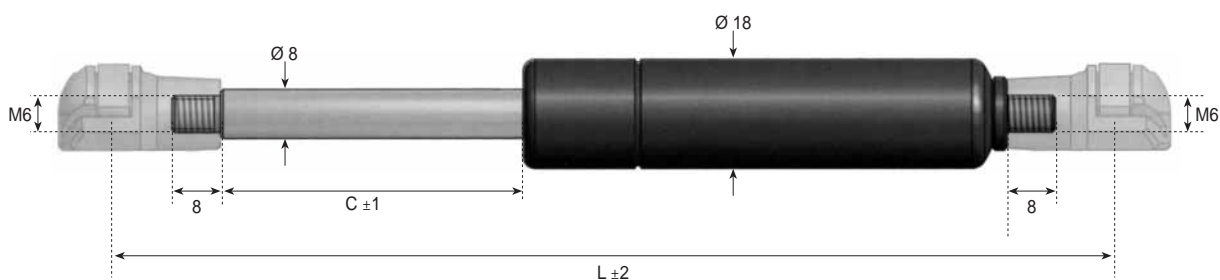
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200	60	150	08 200 150
200	60	200	08 200 200
200	60	250	08 200 250
200	60	300	08 200 300
200	60	350	08 200 350
200	60	400	08 200 400
200	60	450	08 200 450
200	60	500	08 200 500
200	60	550	08 200 550
200	60	600	08 200 600
200	60	650	08 200 650
200	60	700	08 200 700
200	60	750	08 200 750



L	C	F1 (N)	Ref. montada
250	80	100	08 250 100
250	80	150	08 250 150
250	80	200	08 250 200
250	80	250	08 250 250
250	80	300	08 250 300
250	80	350	08 250 350
250	80	400	08 250 400
250	80	450	08 250 450
250	80	500	08 250 500
250	80	550	08 250 550
250	80	600	08 250 600
250	80	650	08 250 650
250	80	700	08 250 700
250	80	750	08 250 750

L	C	F1 (N)	Ref. montada
300	110	100	08 300 100
300	110	150	08 300 150
300	110	200	08 300 200
300	110	250	08 300 250
300	110	300	08 300 300
300	110	350	08 300 350
300	110	400	08 300 400
300	110	450	08 300 450
300	110	500	08 300 500
300	110	550	08 300 550
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300	110	650	08 300 650
300	110	700	08 300 700
300	110	750	08 300 750

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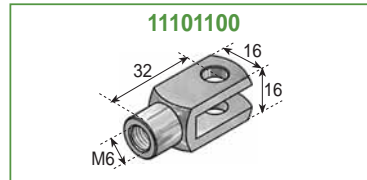
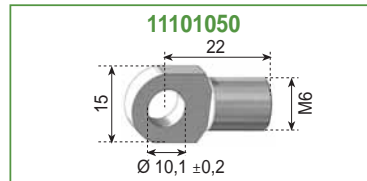
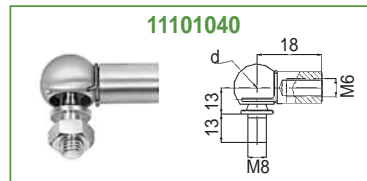
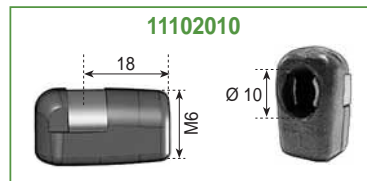
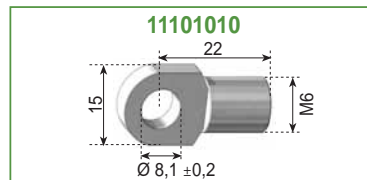
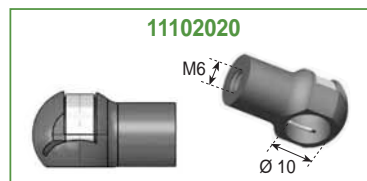
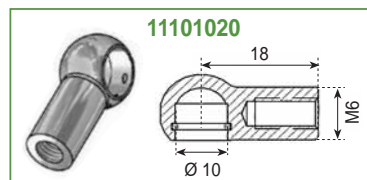
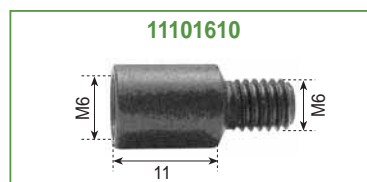


L	C	F1 (N)	Ref. montada
350	130	100	08 350 100
350	130	150	08 350 150
350	130	200	08 350 200
350	130	250	08 350 250
350	130	300	08 350 300
350	130	350	08 350 350
350	130	400	08 350 400
350	130	450	08 350 450
350	130	500	08 350 500
350	130	550	08 350 550
350	130	600	08 350 600
350	130	650	08 350 650
350	130	700	08 350 700
350	130	750	08 350 750
350	130	800	08 350 800

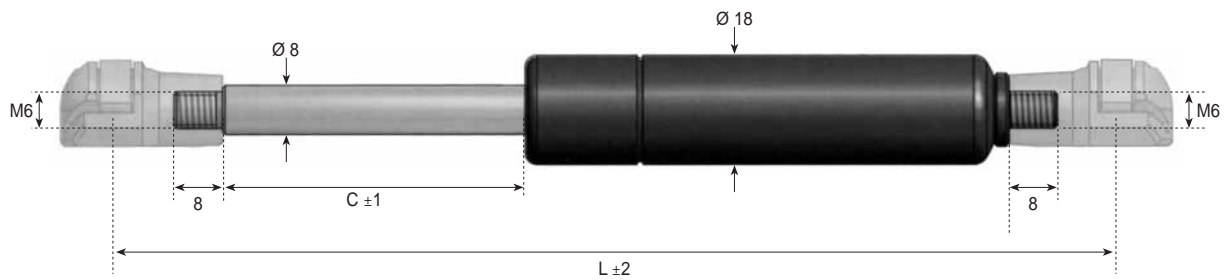
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410	160	150	08 410 150
410	160	200	08 410 200
410	160	250	08 410 250
410	160	300	08 410 300
410	160	350	08 410 350
410	160	400	08 410 400
410	160	450	08 410 450
410	160	500	08 410 500
410	160	550	08 410 550
410	160	600	08 410 600
410	160	650	08 410 650
410	160	700	08 410 700
410	160	750	08 410 750
410	160	800	08 410 800

L	C	F1 (N)	Ref. montada
450	180	100	08 450 100
450	180	150	08 450 150
450	180	200	08 450 200
450	180	250	08 450 250
450	180	300	08 450 300
450	180	350	08 450 350
450	180	400	08 450 400
450	180	450	08 450 450
450	180	500	08 450 500
450	180	550	08 450 550
450	180	600	08 450 600
450	180	650	08 450 650
450	180	700	08 450 700
450	180	750	08 450 750
450	180	800	08 450 800

L	C	F1 (N)	Ref. montada
485	192	100	08 485 100
485	192	150	08 485 150
485	192	200	08 485 200
485	192	250	08 485 250
485	192	300	08 485 300
485	192	350	08 485 350
485	192	400	08 485 400
485	192	450	08 485 450
485	192	500	08 485 500
485	192	550	08 485 550
485	192	600	08 485 600
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485	192	750	08 485 750
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Para otras medidas de cualquier tipo, consultar.

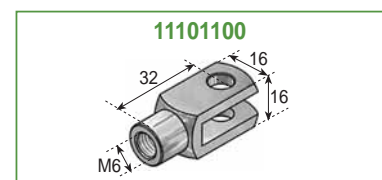
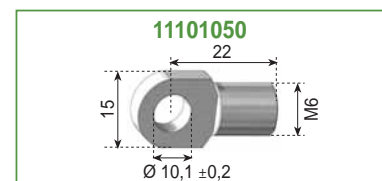
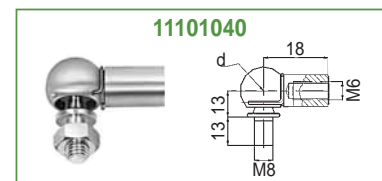
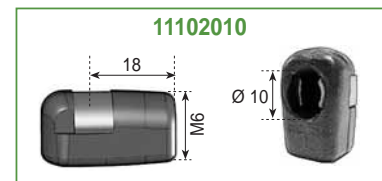
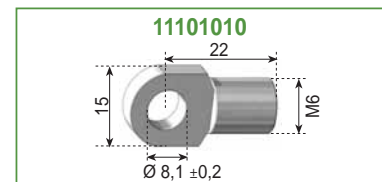
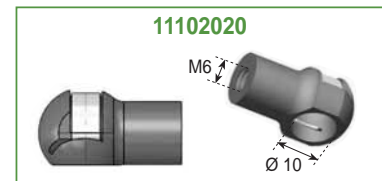
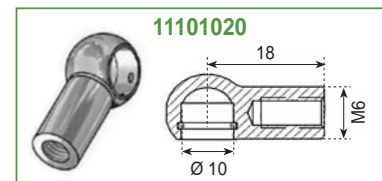
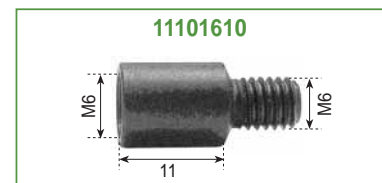


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510	200	150	08 510 150
510	200	200	08 510 200
510	200	250	08 510 250
510	200	300	08 510 300
510	200	350	08 510 350
510	200	400	08 510 400
510	200	450	08 510 450
510	200	500	08 510 500
510	200	550	08 510 550
510	200	600	08 510 600
510	200	650	08 510 650
510	200	700	08 510 700
510	200	750	08 510 750
510	200	800	08 510 800

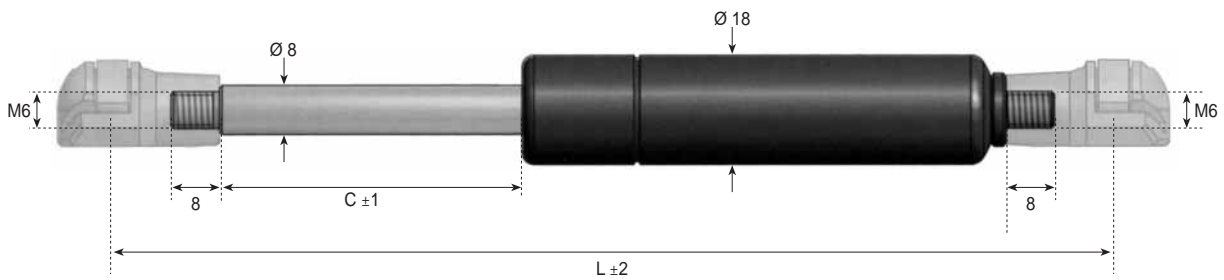
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550	230	350	08 550 350
550	230	400	08 550 400
550	230	450	08 550 450
550	230	500	08 550 500
550	230	550	08 550 550
550	230	600	08 550 600
550	230	650	08 550 650
550	230	700	08 550 700
550	230	750	08 550 750
550	230	800	08 550 800

L	C	F1 (N)	Ref. montada
585	240	100	08 585 100
585	240	150	08 585 150
585	240	200	08 585 200
585	240	250	08 585 250
585	240	300	08 585 300
585	240	350	08 585 350
585	240	400	08 585 400
585	240	450	08 585 450
585	240	500	08 585 500
585	240	550	08 585 550
585	240	600	08 585 600
585	240	650	08 585 650
585	240	700	08 585 700
585	240	750	08 585 750
585	240	800	08 585 800

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610	250	150	08 610 150
610	250	200	08 610 200
610	250	250	08 610 250
610	250	300	08 610 300
610	250	350	08 610 350
610	250	400	08 610 400
610	250	450	08 610 450
610	250	500	08 610 500
610	250	550	08 610 550
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610	250	650	08 610 650
610	250	700	08 610 700
610	250	750	08 610 750
610	250	800	08 610 800



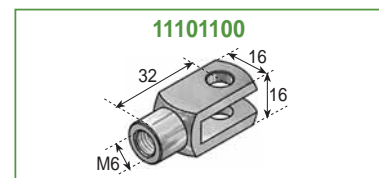
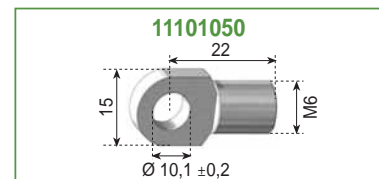
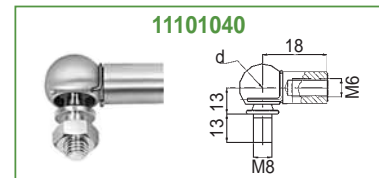
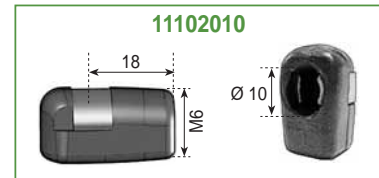
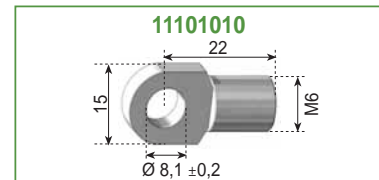
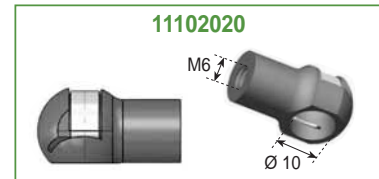
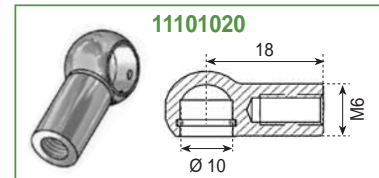
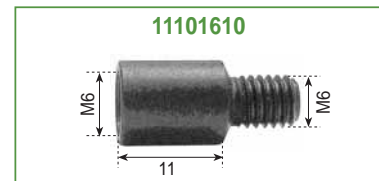
# LIFT 8/18



L	C	F1 (N)	Ref. montada
650	280	100	08 650 100
650	280	150	08 650 150
650	280	200	08 650 200
650	280	250	08 650 250
650	280	300	08 650 300
650	280	350	08 650 350
650	280	400	08 650 400
650	280	450	08 650 450
650	280	500	08 650 500
650	280	550	08 650 550
650	280	600	08 650 600
650	280	650	08 650 650
650	280	700	08 650 700
650	280	750	08 650 750
650	280	800	08 650 800

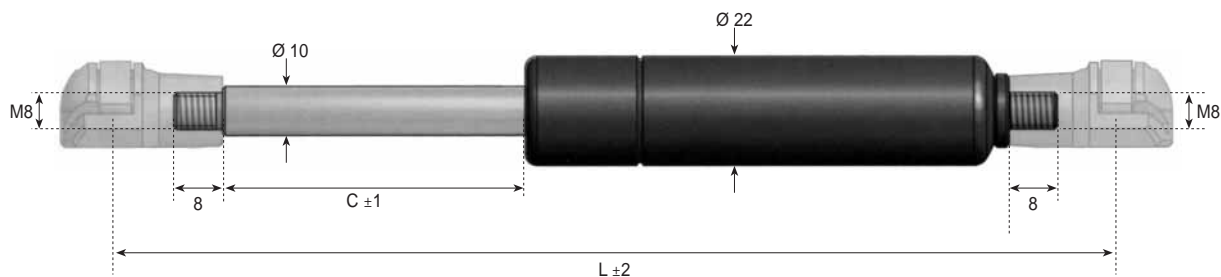
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700	300	200	08 700 200
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700	300	350	08 700 350
700	300	400	08 700 400
700	300	450	08 700 450
700	300	500	08 700 500
700	300	550	08 700 550
700	300	600	08 700 600
700	300	650	08 700 650
700	300	700	08 700 700
700	300	750	08 700 750
700	300	800	08 700 800

L	C	F1 (N)	Ref. montada
750	330	100	08 750 100
750	330	150	08 750 150
750	330	200	08 750 200
750	330	250	08 750 250
750	330	300	08 750 300
750	330	350	08 750 350
750	330	400	08 750 400
750	330	450	08 750 450
750	330	500	08 750 500
750	330	550	08 750 550
750	330	600	08 750 600
750	330	650	08 750 650
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Para otras medidas de cualquier tipo, consultar.

# LIFT 10/22

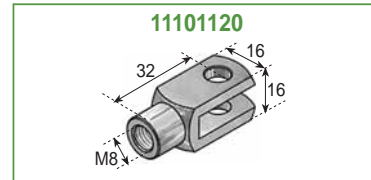
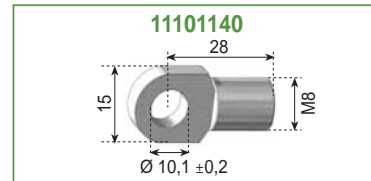
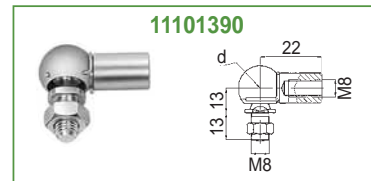
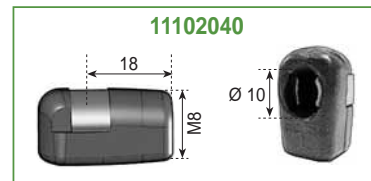
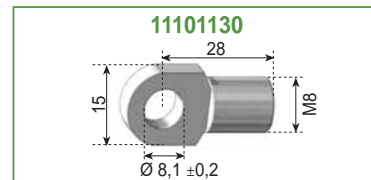
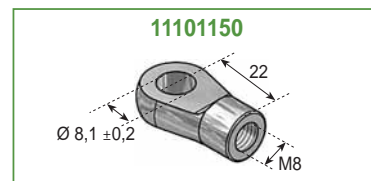
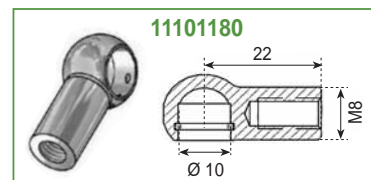
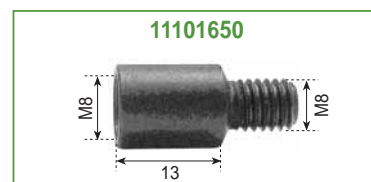


L	C	F1 (N)	Ref. montada
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410	150	400	10 410 400
410	150	450	10 410 450
410	150	500	10 410 500
410	150	550	10 410 550
410	150	600	10 410 600
410	150	650	10 410 650
410	150	700	10 410 700
410	150	750	10 410 750
410	150	800	10 410 800
410	150	850	10 410 850
410	150	900	10 410 900
410	150	950	10 410 950
410	150	1.000	10 410 1000

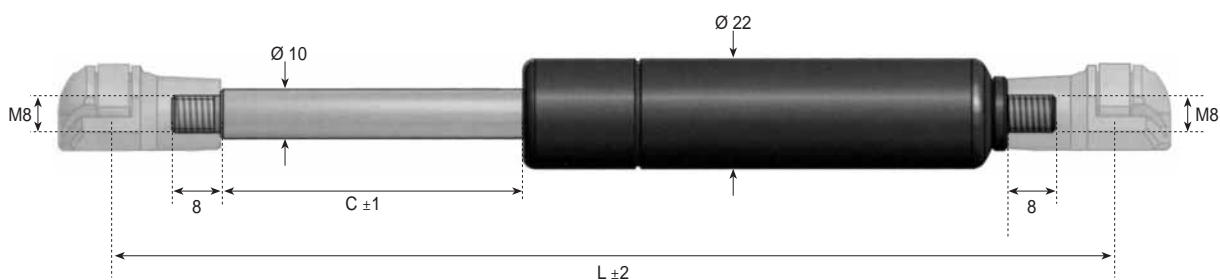
L	C	F1 (N)	Ref. montada
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450	170	400	10 450 400
450	170	450	10 450 450
450	170	500	10 450 500
450	170	550	10 450 550
450	170	600	10 450 600
450	170	650	10 450 650
450	170	700	10 450 700
450	170	750	10 450 750
450	170	800	10 450 800
450	170	850	10 450 850
450	170	900	10 450 900
450	170	950	10 450 950
450	170	1.000	10 450 1000
450	170	1.200	10 450 1200

L	C	F1 (N)	Ref. montada
510	200	350	10 510 350
510	200	400	10 510 400
510	200	450	10 510 450
510	200	500	10 510 500
510	200	550	10 510 550
510	200	600	10 510 600
510	200	650	10 510 650
510	200	700	10 510 700
510	200	750	10 510 750
510	200	800	10 510 800
510	200	850	10 510 850
510	200	900	10 510 900
510	200	950	10 510 950
510	200	1.000	10 510 1000
510	200	1.200	10 510 1200

L	C	F1 (N)	Ref. montada
550	220	350	10 550 350
550	220	400	10 550 400
550	220	450	10 550 450
550	220	500	10 550 500
550	220	550	10 550 550
550	220	600	10 550 600
550	220	650	10 550 650
550	220	700	10 550 700
550	220	750	10 550 750
550	220	800	10 550 800
550	220	850	10 550 850
550	220	900	10 550 900
550	220	950	10 550 950
550	220	1.000	10 550 1000
550	220	1.200	10 550 1200



# LIFT 10/22

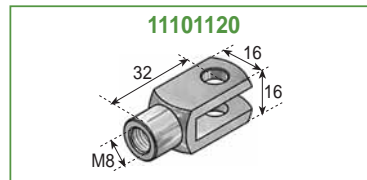
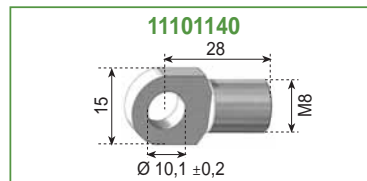
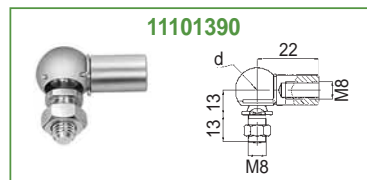
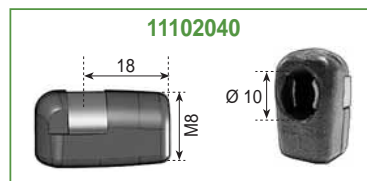
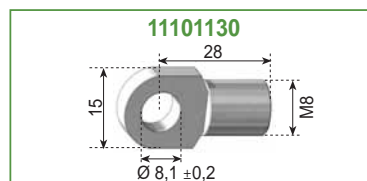
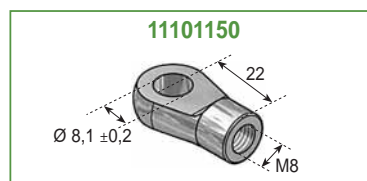
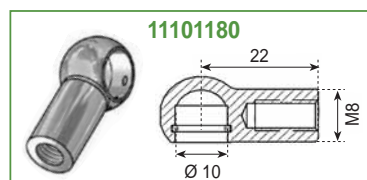
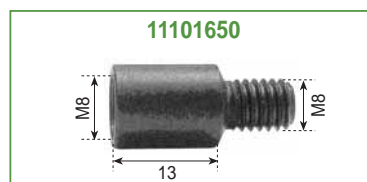


L	C	F1 (N)	Ref. montada
610	250	350	10 610 350
610	250	400	10 610 400
610	250	450	10 610 450
610	250	500	10 610 500
610	250	550	10 610 550
610	250	600	10 610 600
610	250	650	10 610 650
610	250	700	10 610 700
610	250	750	10 610 750
610	250	800	10 610 800
610	250	850	10 610 850
610	250	900	10 610 900
610	250	950	10 610 950
610	250	1.000	10 610 1000
610	250	1.200	10 610 1200

L	C	F1 (N)	Ref. montada
650	285	350	10 650 350
650	285	400	10 650 400
650	285	450	10 650 450
650	285	500	10 650 500
650	285	550	10 650 550
650	285	600	10 650 600
650	285	650	10 650 650
650	285	700	10 650 700
650	285	750	10 650 750
650	285	800	10 650 800
650	285	850	10 650 850
650	285	900	10 650 900
650	285	950	10 650 950
650	285	1.000	10 650 1000
650	285	1.200	10 650 1200

L	C	F1 (N)	Ref. montada
700	300	350	10 700 350
700	300	400	10 700 400
700	300	450	10 700 450
700	300	500	10 700 500
700	300	550	10 700 550
700	300	600	10 700 600
700	300	650	10 700 650
700	300	700	10 700 700
700	300	750	10 700 750
700	300	800	10 700 800
700	300	850	10 700 850
700	300	900	10 700 900
700	300	950	10 700 950
700	300	1.000	10 700 1000
700	300	1.200	10 700 1200

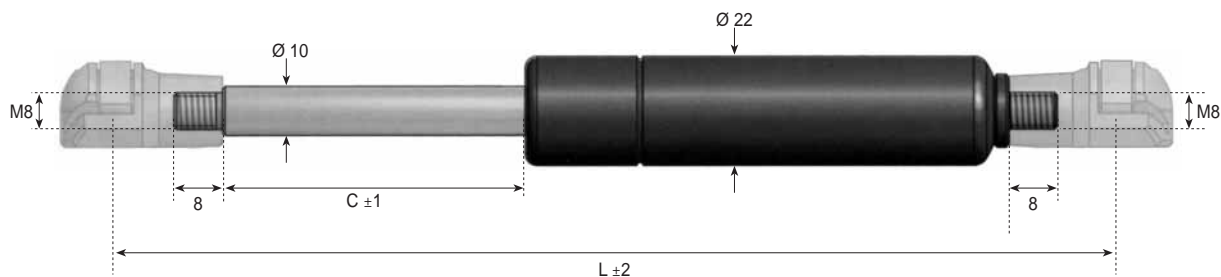
L	C	F1 (N)	Ref. montada
750	323	350	10 750 350
750	323	400	10 750 400
750	323	450	10 750 450
750	323	500	10 750 500
750	323	550	10 750 550
750	323	600	10 750 600
750	323	650	10 750 650
750	323	700	10 750 700
750	323	750	10 750 750
750	323	800	10 750 800
750	323	850	10 750 850
750	323	900	10 750 900
750	323	950	10 750 950
750	323	1.000	10 750 1000
750	323	1.200	10 750 1200



Para otras medidas de cualquier tipo, consultar.



# LIFT 10/22

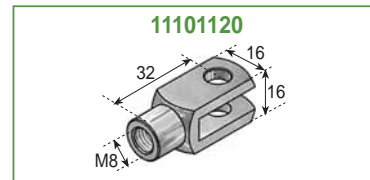
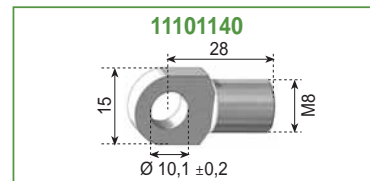
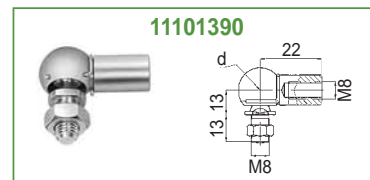
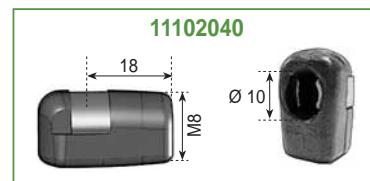
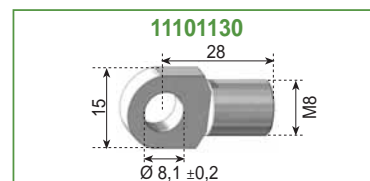
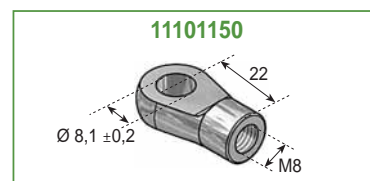
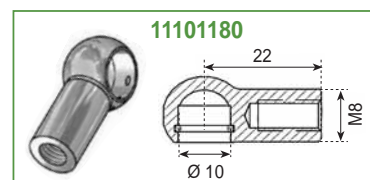
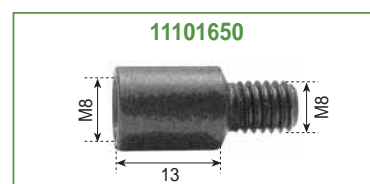


L	C	F1 (N)	Ref. montada
800	350	250	10 800 250
800	350	300	10 800 300
800	350	350	10 800 350
800	350	400	10 800 400
800	350	450	10 800 450
800	350	500	10 800 500
800	350	550	10 800 550
800	350	600	10 800 600
800	350	650	10 800 650
800	350	700	10 800 700
800	350	750	10 800 750
800	350	800	10 800 800
800	350	850	10 800 850
800	350	900	10 800 900
800	350	950	10 800 950
800	350	1.000	10 800 1000
800	350	1.200	10 800 1200

L	C	F1 (N)	Ref. montada
850	373	250	10 850 250
850	373	300	10 850 300
850	373	350	10 850 350
850	373	400	10 850 400
850	373	450	10 850 450
850	373	500	10 850 500
850	373	550	10 850 550
850	373	600	10 850 600
850	373	650	10 850 650
850	373	700	10 850 700
850	373	750	10 850 750
850	373	800	10 850 800
850	373	850	10 850 850
850	373	900	10 850 900
850	373	950	10 850 950
850	373	1.000	10 850 1000
850	373	1.200	10 850 1200

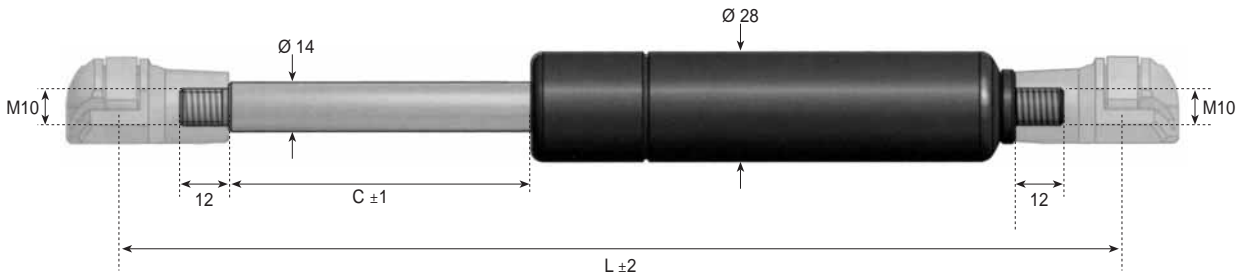
L	C	F1 (N)	Ref. montada
900	400	250	10 900 250
900	400	300	10 900 300
900	400	350	10 900 350
900	400	400	10 900 400
900	400	450	10 900 450
900	400	500	10 900 500
900	400	550	10 900 550
900	400	600	10 900 600
900	400	650	10 900 650
900	400	700	10 900 700
900	400	750	10 900 750
900	400	800	10 900 800
900	400	850	10 900 850
900	400	900	10 900 900
900	400	950	10 900 950
900	400	1.000	10 900 1000

L	C	F1 (N)	Ref. montada
950	420	250	10 950 250
950	420	300	10 950 300
950	420	350	10 950 350
950	420	400	10 950 400
950	420	450	10 950 450
950	420	500	10 950 500
950	420	550	10 950 550
950	420	600	10 950 600
950	420	650	10 950 650
950	420	700	10 950 700
950	420	750	10 950 750
950	420	800	10 950 800
950	420	850	10 950 850
950	420	900	10 950 900
950	420	950	10 950 950
950	420	1.000	10 950 1000



Para otras medidas de cualquier tipo, consultar.

# LIFT 14/28

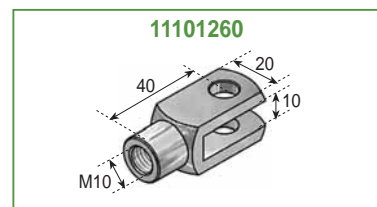
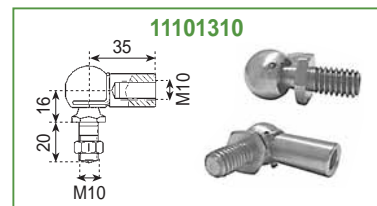
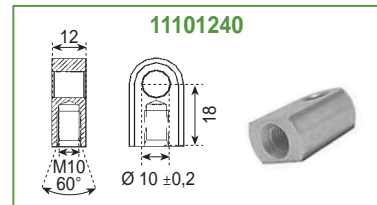
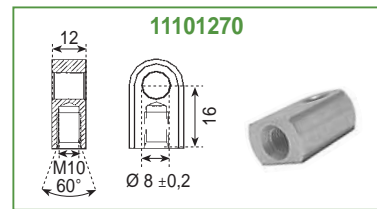
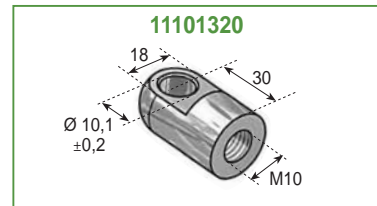
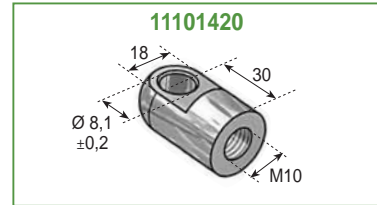
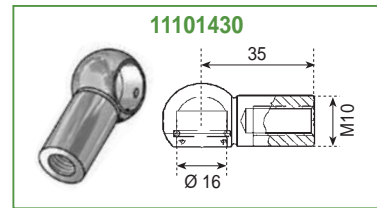


L	C	F1 (N)	Ref. montada
350	120	800	14 350 800
350	120	900	14 350 900
350	120	1.000	14 350 1000
350	120	1.200	14 350 1200
350	120	1.300	14 350 1300
350	120	1.500	14 350 1500

L	C	F1 (N)	Ref. montada
400	145	800	14 400 800
400	145	900	14 400 900
400	145	1.000	14 400 1000
400	145	1.200	14 400 1200
400	145	1.300	14 400 1300
400	145	1.500	14 400 1500

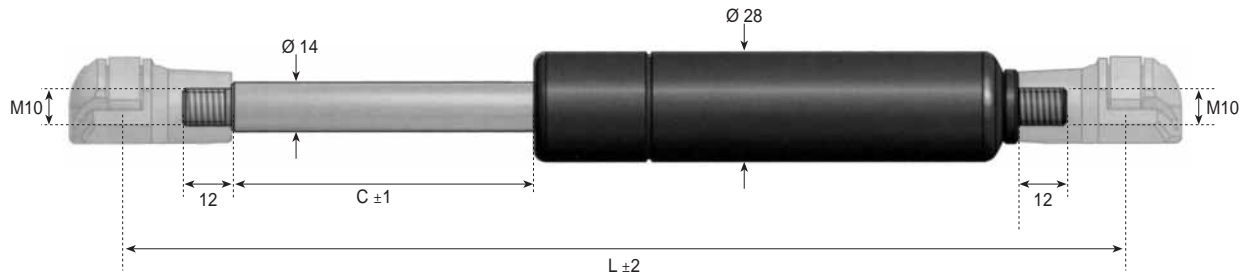
L	C	F1 (N)	Ref. montada
450	170	800	14 450 800
450	170	900	14 450 900
450	170	1.000	14 450 1000
450	170	1.200	14 450 1200
450	170	1.300	14 450 1300
450	170	1.500	14 450 1500

L	C	F1 (N)	Ref. montada
500	195	800	14 500 800
500	195	900	14 500 900
500	195	1.000	14 500 1000
500	195	1.200	14 500 1200
500	195	1.300	14 500 1300
500	195	1.500	14 500 1500



Para otras medidas de cualquier tipo, consultar.

# LIFT 14/28

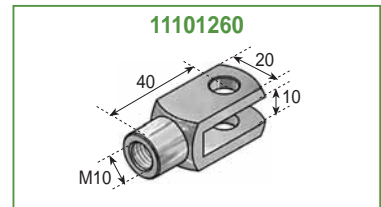
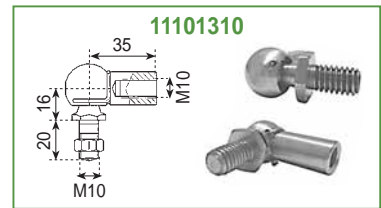
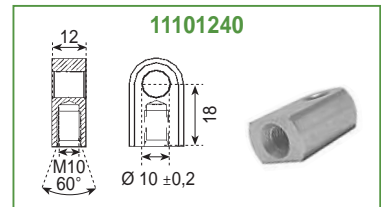
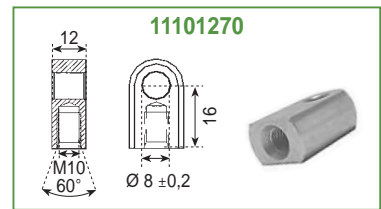
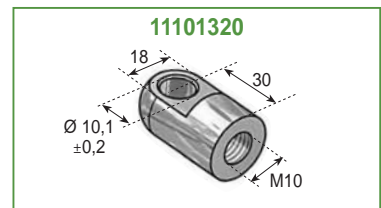
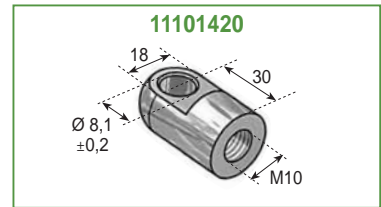
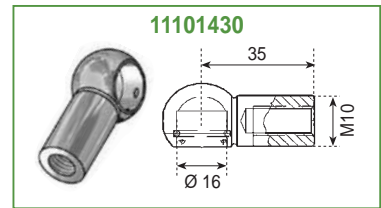


L	C	F1 (N)	Ref. montada
550	220	800	14 550 800
550	220	900	14 550 900
550	220	1.000	14 550 1000
550	220	1.200	14 550 1200
550	220	1.300	14 550 1300
550	220	1.500	14 550 1500

L	C	F1 (N)	Ref. montada
600	245	800	14 600 800
600	245	900	14 600 900
600	245	1.000	14 600 1000
600	245	1.200	14 600 1200
600	245	1.300	14 600 1300
600	245	1.500	14 600 1500

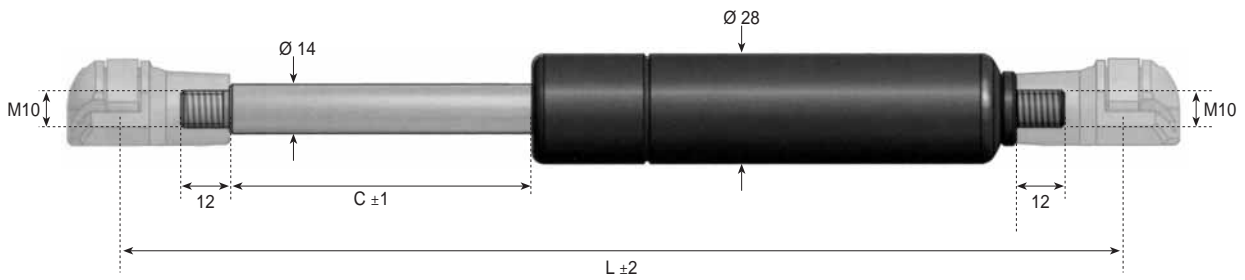
L	C	F1 (N)	Ref. montada
650	270	800	14 650 800
650	270	900	14 650 900
650	270	1.000	14 650 1000
650	270	1.200	14 650 1200
650	270	1.300	14 650 1300
650	270	1.500	14 650 1500

L	C	F1 (N)	Ref. montada
700	295	800	14 700 800
700	295	900	14 700 900
700	295	1.000	14 700 1000
700	295	1.200	14 700 1200
700	295	1.300	14 700 1300
700	295	1.500	14 700 1500



# LIFT 14/28

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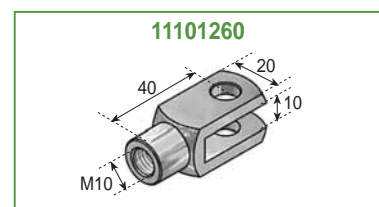
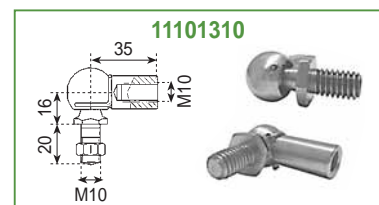
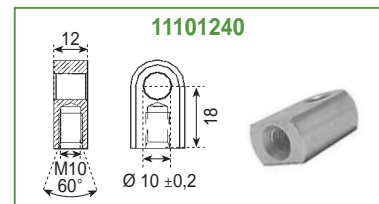
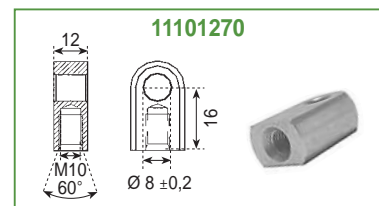
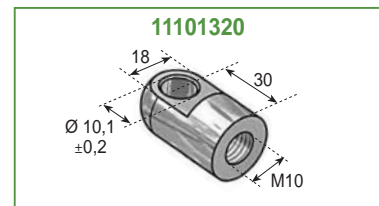
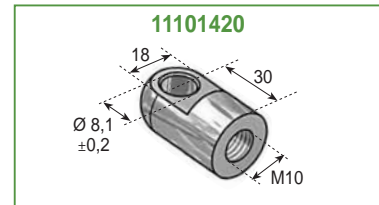
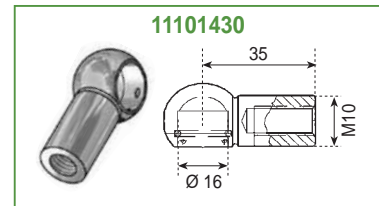
L	C	F1 (N)	Ref. montada
750	320	800	14 750 800
750	320	900	14 750 900
750	320	1.000	14 750 1000
750	320	1.200	14 750 1200
750	320	1.300	14 750 1300
750	320	1.500	14 750 1500

L	C	F1 (N)	Ref. montada
800	345	800	14 800 800
800	345	900	14 800 900
800	345	1.000	14 800 1000
800	345	1.200	14 800 1200
800	345	1.300	14 800 1300
800	345	1.500	14 800 1500

L	C	F1 (N)	Ref. montada
850	370	800	14 850 800
850	370	900	14 850 900
850	370	1.000	14 850 1000
850	370	1.200	14 850 1200
850	370	1.300	14 850 1300
850	370	1.500	14 850 1500

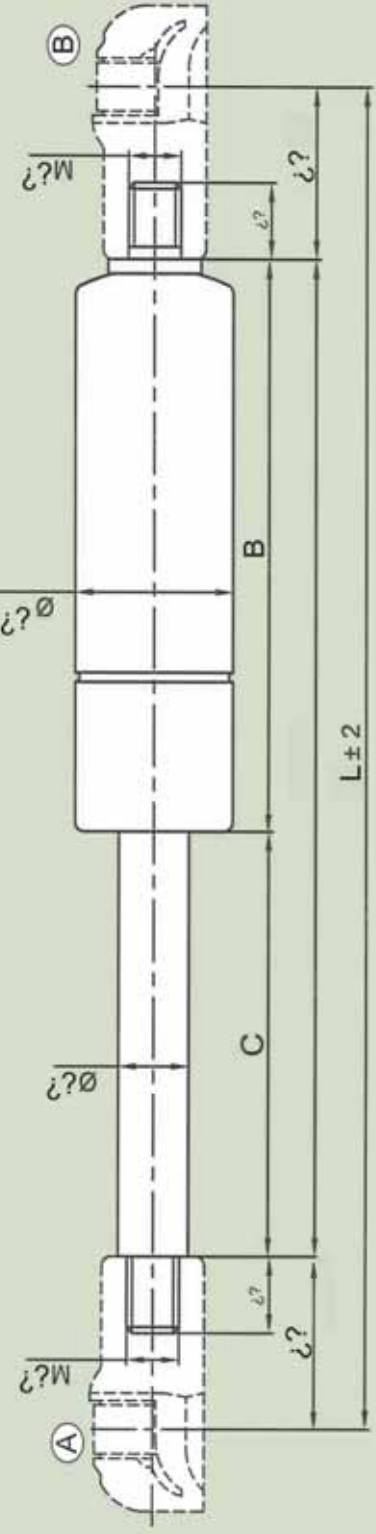
L	C	F1 (N)	Ref. montada
900	395	800	14 900 800
900	395	900	14 900 900
900	395	1.000	14 900 1000
900	395	1.200	14 900 1200
900	395	1.300	14 900 1300
900	395	1.500	14 900 1500

L	C	F1 (N)	Ref. montada
950	420	800	14 950 800
950	420	900	14 950 900
950	420	1.000	14 950 1000
950	420	1.200	14 950 1200
950	420	1.300	14 950 1300
950	420	1.500	14 950 1500



Para otras medidas de cualquier tipo, consultar.

\* LOS ANCLAJES QUE APARECEN EN EL DIBUJO SON SÓLO DE MUESTRA



**(A) ANCLAJE LADO VARILLA**

**(B) ANCLAJE LADO CUERPO**

VARILLA	φ CUERPO	L (LONG. ABIERTA)	C (LONG. VARILLA ~ CARRERA)	B (LONG. CUERPO)	F1 (N)	CANTIDAD	APLICACIÓN

**DATOS DEL RESORTE MUESTRA:**

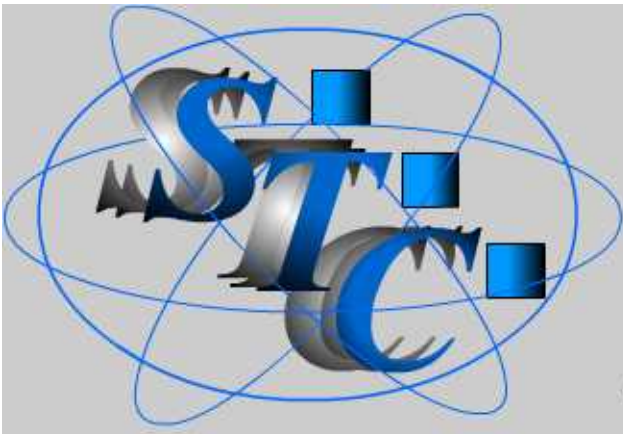
**Nº CLIENTE:**

**NOMBRE:**

**PERSONA DE CONTACTO**

**FECHA CONSULTA**

**OBSERVACIONES:**



# *SUTECO*

## **STC SUTECO**

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NEUMATICA & HIDRAULICA

