

# STANDARD GAS SPRINGS CATALOGUE

4/12 M4-M4  
6/15 M6-M6  
8/18 M6-M6 M8-M8  
10/21 M8-M8  
10/27 M8-M8  
14/27 M8-M8 M10-M10

ADAPTERS

TUBES AND DUST  
PROTECTION



**MK GAS SPRINGS**  
*Mastering Motion Technology*

+90 212 485 0685

[info@mkgassprings.com](mailto:info@mkgassprings.com)

[www.mkgassprings.com](http://www.mkgassprings.com)

## OUR VISION

Creating a recognizable brand through continuous development of a company eagerly chosen by clients and business partners, which combining acquired experience with technology is an example in the field of services as well as being a leader in the sector.

## OUR MISSION

Creating a solid brand through production and providing our partners and clients in the automotive and industrial sector service, which is based on many years of experience, trustworthy, high quality, fast and efficient service.

We never give up on:

**EXPERIENCE**  
**QUALITY**  
**TIMELINESS**

## ABOUT MK GAS SPRINGS & END FITTINGS

Based on over 20 years of experience, we successfully supply gas springs to many customers in various sectors from about 50 countries around the world. As of today, we produce 5 different series of gas springs, both steel and stainless steel, which meet the requirements of even the most demanding customers.

We closely follow the news and development of new production technologies and implement further improvements to be able to quickly respond to customer needs, adapt to rapidly occurring changes and provide even better products.

# GAS SPRINGS

Gas springs, also known as gas struts, make our daily live and work easier, enabling us to save time and work more with less effort.

Gas springs are widely used in passenger vehicles, commercial vehicles, tractors and buses, minibuses and similar vehicles used in passenger transport. The main areas of use are luggage, hoods, seat adjustment mechanisms, cabin windows, rear spoilers, pickup covers and caravan covers.

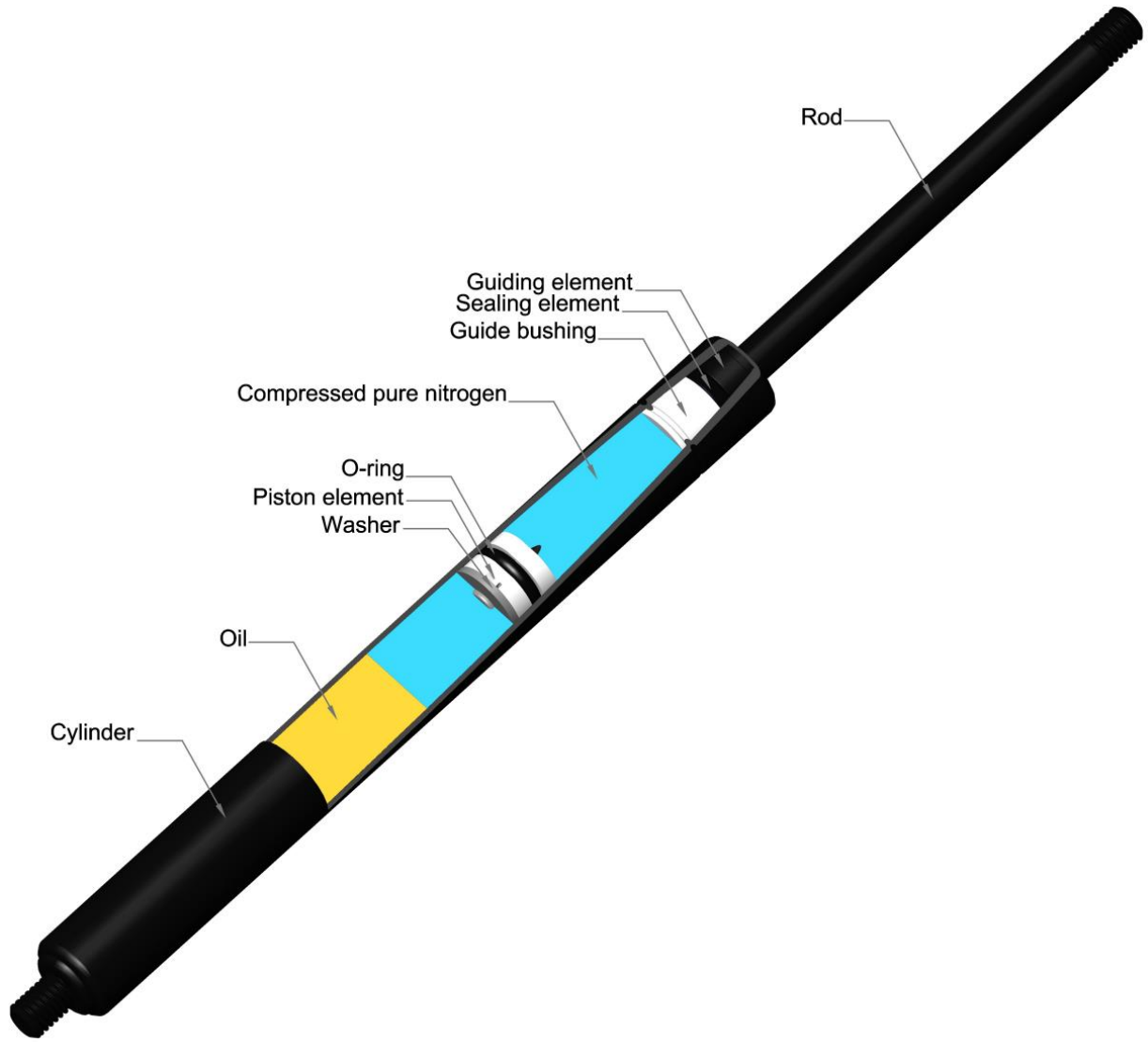
## How does gas spring work?

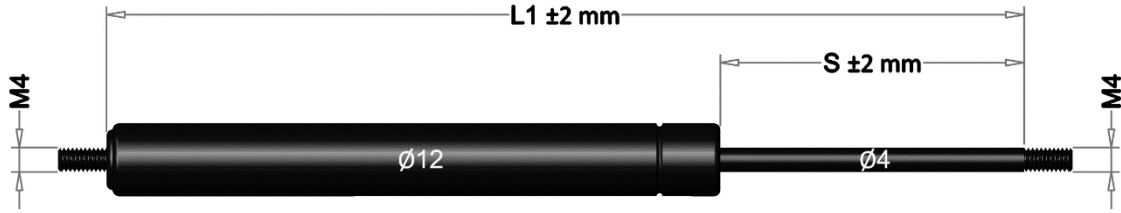
Gas springs are consisting of rod with different sealing and bedding elements moving inside the tube filled with hydraulic oil and gas. When rod moves into the tube, the gas trapped in the tube shows inverse resistance to the direction of movement of the rod. The pressure of the gas the tube is proportional to the volume of the tube. at the same time, the force of the gas spring is directly proportional to the tube pressure. When force F1 applied to the rod is zero, the rod always stays outside the internal volume.

One of the most important factors influencing the service life and operating performance of the gas spring is the amount of hydraulic oil inside the tube. Correct amount of oil reduces surface wear of the sealing elements inside the gas spring. In this way gas spring perform most efficient performance and service life of product is extended. On the other hand, during movement of rod the in the oil inside the tube may occur foaming or bubbles, what has negative influence on the performance of gas spring. The gas inside the tube not only relieves the labour force, but also allows eliminate this negative factor.

Here are types of products in accordance with our design and production methods:






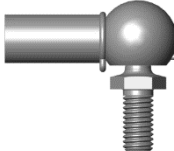
Body group	Rod	Tube	Min.-Max. Stroke (mm)	Min.-Max. Length (mm)	Min.-Max. Force (N)	Page
<b>4/12</b>	Ø4	Ø12	20-150	65-325	20-180	4-6
<b>6/15</b>	Ø6	Ø15	20-225	75-485	40-400	7-20
<b>8/18</b>	Ø8	Ø18	20-425	75-885	50-700	21-52
<b>10/21</b>	Ø10	Ø21	30-550	95-1155	50-1200	53-65
<b>10/27</b>	Ø10	Ø27	50-800	150-1650	100-1300	66-74
<b>14/27</b>	Ø14	Ø27	50-800	150-1650	100-1300	75-85
<b>20/40</b>	Ø20	Ø40	100-900	400-2000	300-5000	-

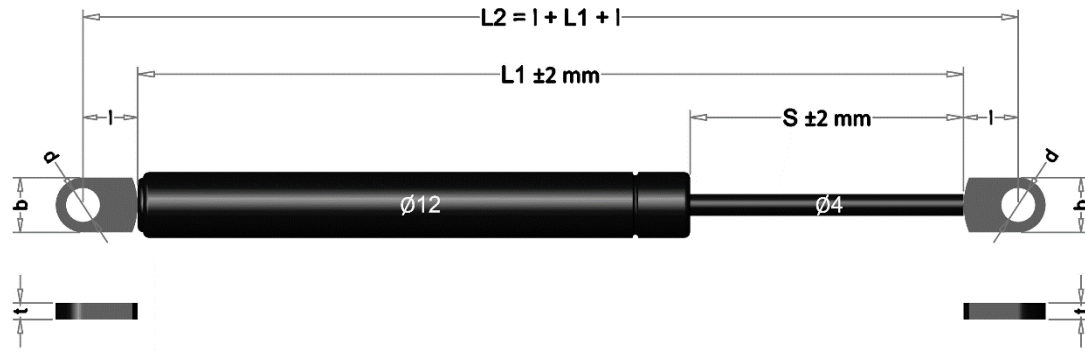




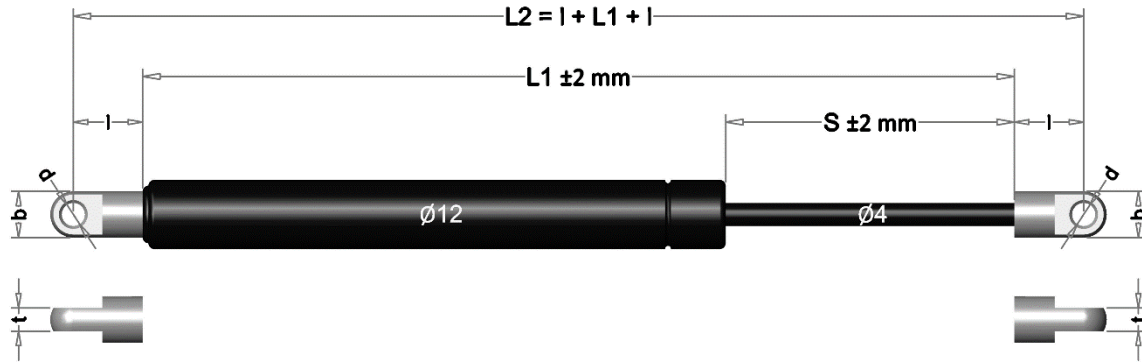
Stroke (S)	Length (L1)	Force (N)
20	65	20-180
30	85	20-180
40	105	20-180
50	125	20-180
60	145	20-180
70	165	20-180
80	185	20-180
90	205	20-160
100	225	20-140
120	265	20-120
140	305	20-100
150	325	20-100

Selection of end fittings for gas spring type G412:

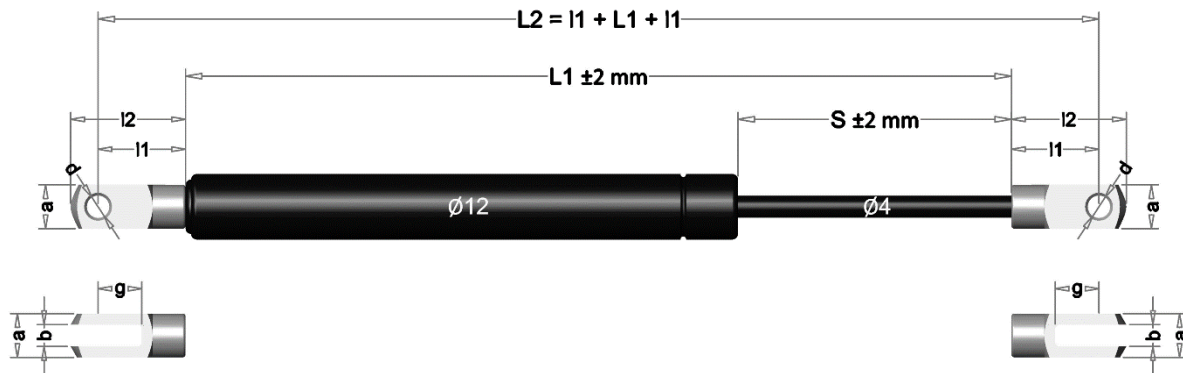
End fitting type	Tube side	Rod side	Page
 Welded eyelet	✓	✓	<a href="#">Go to Page 5</a>
 Eyelet type EY2	✓	✓	<a href="#">Go to Page 5</a>
 Clevis DIN71752	✓	✓	<a href="#">Go to Page 5</a>
 Clevis joint DIN71752	✓	✓	<a href="#">Go to Page 6</a>
 Ball housing DIN71805	✓	✓	<a href="#">Go to Page 6</a>
 Ball joint DIN71802	✓	✓	<a href="#">Go to Page 6</a>



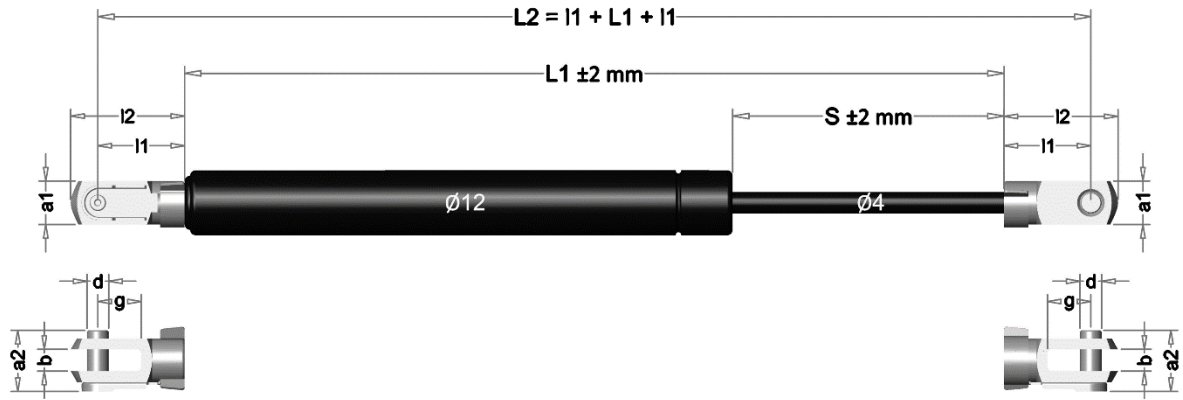
Code	d	l	b	t	Material	Surface
<a href="#">WEY0809.4T3B</a>	4,1	9	8	3	ST37	Black
<a href="#">WEY1010.4T3B</a>		10	10	4		
<a href="#">WEY1010.4T4B</a>		10	10			
<a href="#">WEY1010.6T3B</a>	6,1	10	10	3	ST37	Black



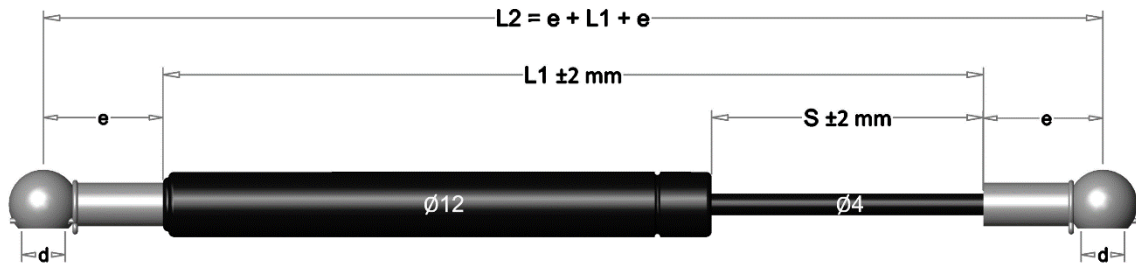
Code	d	l	b	t	Material	Surface
<a href="#">EY2081244T4A</a>	4,1	12	4	8	11SMnPb30	Zn/White



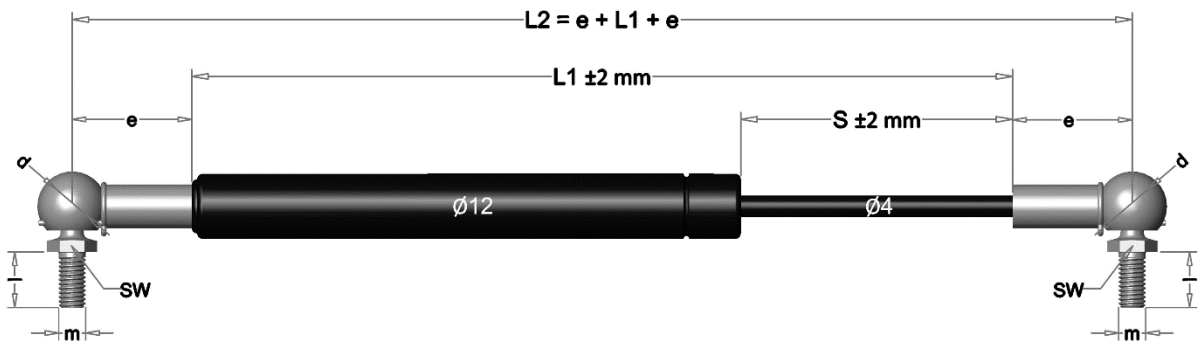
Code	d	g	l1	l2	a	b	Material	Surface
<a href="#">CV101A</a>	4,1	8	16	21	8	4	11SMnPb30	Zn/White



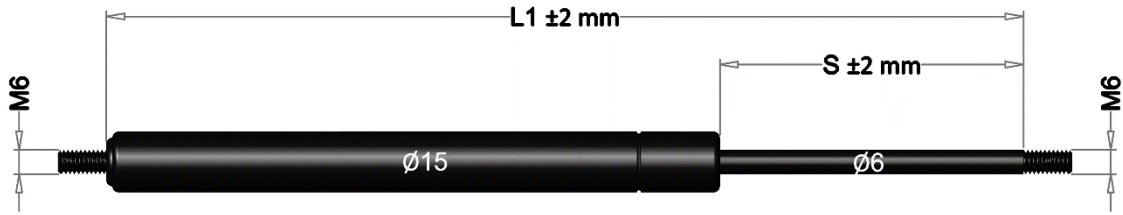
Code	d	g	l1	l2	a1	a2	b	Material	Surface
CC101A	4	8	16	21	8	11,25	4	11SMnPb30 + CK67	Zn/White



Code	d	e	Material	Surface
BH108184A	8	18	11SMnPb30	Zn/White











Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
BJ208184.104A	8	18	M4	10	7	11SMnPb30	Zn/White
BJ208184.105A			M5				
BJ108184.105A			M6		8		
BJ108184.106A							



Stroke (S)	Length (L1)	Force (N)
20	75	40-400
30	95	40-400
40	115	40-400
50	135	40-400
60	155	40-400
70	175	40-400
80	195	40-400
90	215	40-350
100	235	40-350
125	285	40-300
150	335	40-300
175	385	40-250
200	435	40-200
225	485	40-200

Selection of end fittings for gas spring type G615:

End fitting type	Tube side	Rod side	Page
 Welded eyelet	✓	✓	<a href="#">Go to page 9</a>
 Eyelet type EY1	✓	✓	<a href="#">Go to page 9</a>
 Eyelet type EY6	✓	✓	<a href="#">Go to page 9</a>
 Eyelet type EY2	✓	✓	<a href="#">Go to page 10</a>
 Eyelet type EY3	✓	✓	<a href="#">Go to page 10</a>
 Clevis DIN71752	✓	✓	<a href="#">Go to page 11</a>
 Clevis joint DIN71752	✓	✓	<a href="#">Go to page 11</a>
 Plastic ball housing type PL2	✓	✓	<a href="#">Go to page 11</a>

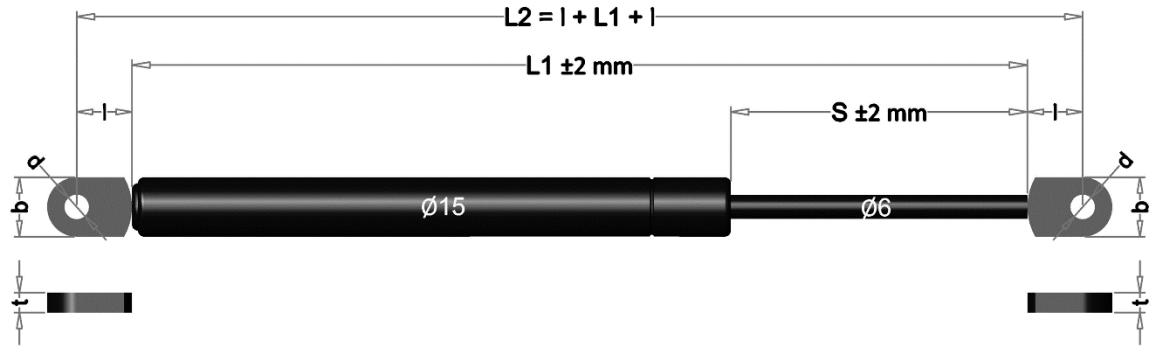


End fitting type	Tube side	Rod side	Page
	✓	✓	<a href="#">Go to page 12</a>
	✓	✓	<a href="#">Go to page 13</a>
	✓	✓	<a href="#">Go to page 13</a>
	✓	✓	<a href="#">Go to page 13</a>
	✓	✓	<a href="#">Go to page 14</a>
	✓	✓	<a href="#">Go to page 15</a>
	✓	✓	<a href="#">Go to page 15</a>
	✓	✓	<a href="#">Go to page 17</a>
	✓	✓	<a href="#">Go to page 17</a>

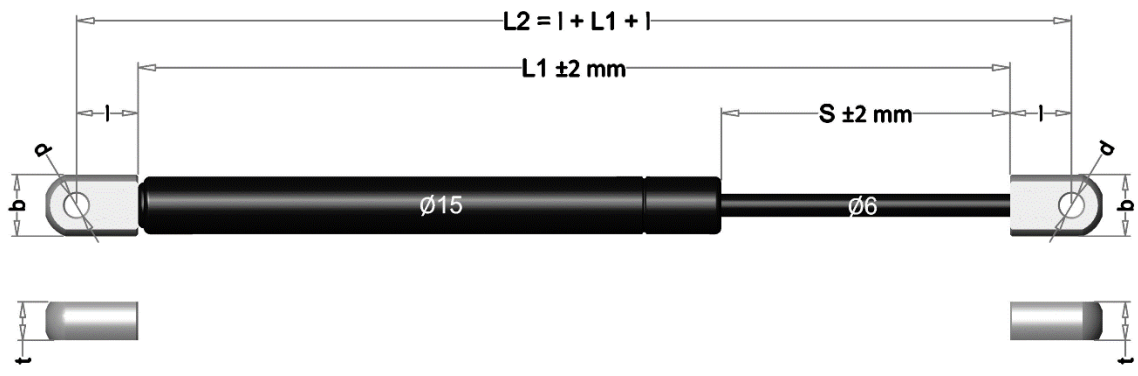
4/12  
M4-M46/15  
M6-M68/18  
M6-M68/18  
M8-M810/21  
M8-M810/27  
M8-M814/27  
M8-M814/27  
M10-M10

ADAPTERS

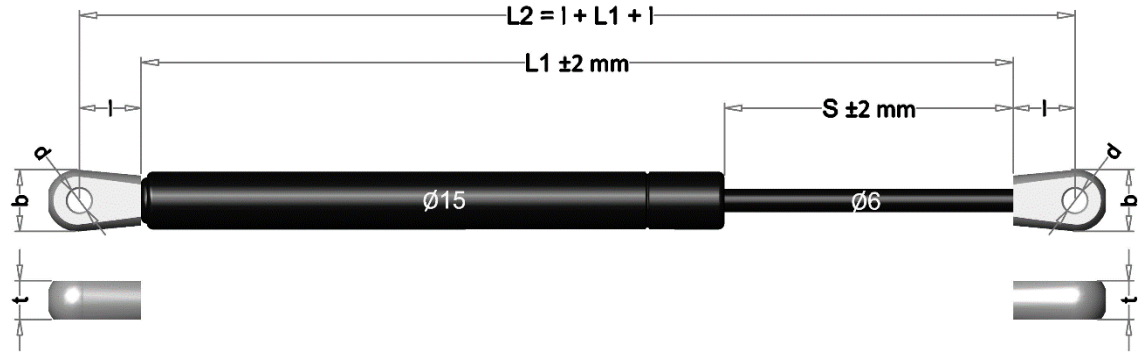
TUBES AND DUST  
PROTECTION



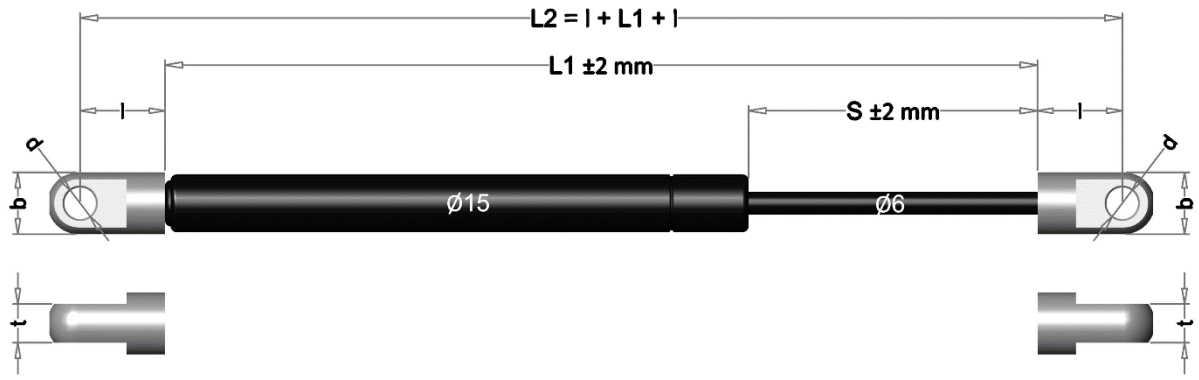
Code	d	l	b	t	Material	Surface
<a href="#">WEY1510.6T5B</a>	6,1	10	15	5	ST37	Black
<a href="#">WEY1313.6T3B</a>		13	13	3		
<a href="#">WEY1514.6T5B</a>		14	15	5		
<a href="#">WEY1510.8T5B</a>	8,1	10	15	5	ST37	Black
<a href="#">WEY1313.8T3B</a>		13	13	3		
<a href="#">WEY1514.8T5B</a>		14	15	5		
<a href="#">WEY1515.8T3B</a>		15	15	3		



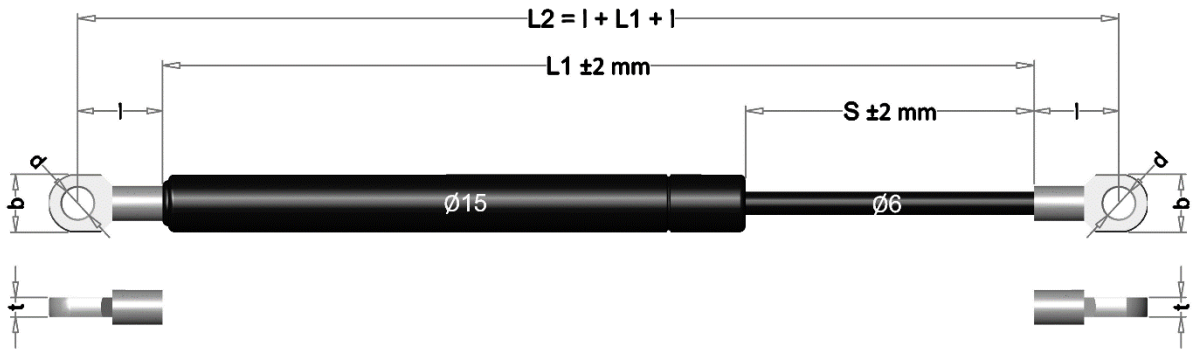
Code	d	l	b	t	Material	Surface
<a href="#">EY116166.6T10A</a>	6,1	16	16	10	11SMnPb30	Zn/White
<a href="#">EY116186.6T10A</a>		18				
<a href="#">EY116166.8T10A</a>	8,1	16	16	10	11SMnPb30	Zn/White
<a href="#">EY116186.8T10A</a>		18				
<a href="#">EY116206.8T10A</a>		20				



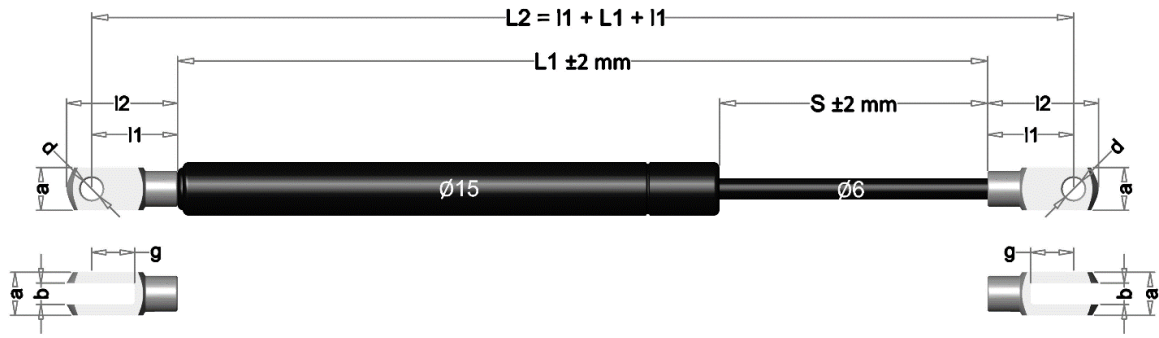
Code	d	l	b	t	Material	Surface
<a href="#">EY618186.8T10G</a>	8,1	18	18	10	2011 AL	-



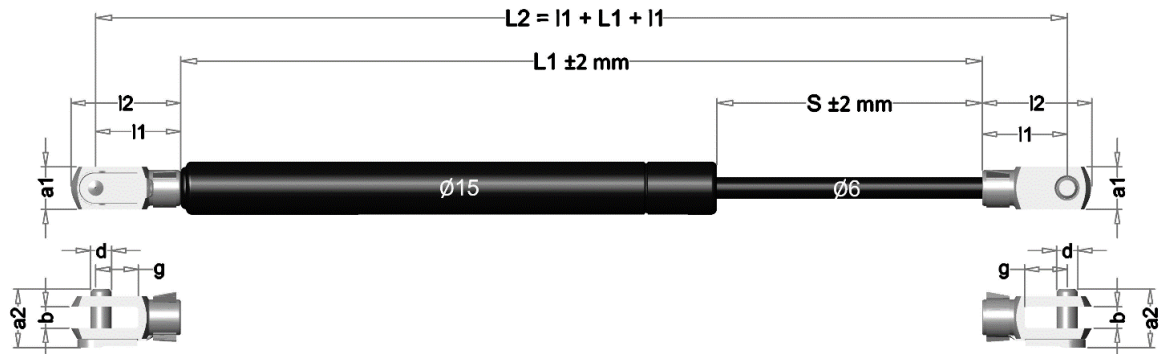
Code	d	l	b	t	Material	Surface
<a href="#">EY216226.8T10</a>	8,1	22	16	10	11SMnPb30	Zn/White



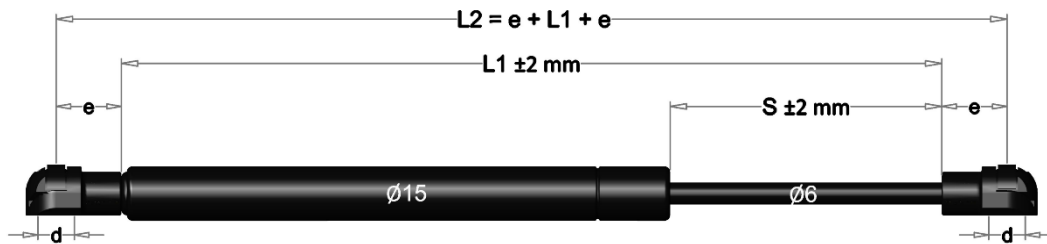
Code	d	l	b	t	Material	Surface
<a href="#">EY313156.6T3A</a>	6,1	15	13	3	11SMnPb30	Zn/ White
<a href="#">EY313186.6T3A</a>		18				Zn/White
<a href="#">EY313186.6T3B</a>		18				Zn/Black
<a href="#">EY315186.6T5B</a>		18	15	5		Zn/Black
<a href="#">EY315226.6T3A</a>		22				Zn/White
<a href="#">EY315236.6T5A</a>		23				Zn/White
<a href="#">EY315236.6T5B</a>		23	28	5		Zn/Black
<a href="#">EY315286.6T5A</a>		28				Zn/White
<a href="#">EY313186.8T3B</a>		18				13
<a href="#">EY315186.8T5A</a>	8,1	18	15	5	11SMnPb30	Zn/ White
<a href="#">EY315186.8T5B</a>		18				Zn/Black
<a href="#">EY315206.8T5A</a>		20				Zn/ White
<a href="#">EY315226.8T5A</a>		22				Zn/White
<a href="#">EY315236.8T5A</a>		23				Zn/White
<a href="#">EY315236.8T5B</a>		23				Zn/Black
<a href="#">EY315256.8T5A</a>		25				Zn/White
<a href="#">EY315286.8T5B</a>		28				Zn/Black
<a href="#">EY315306.8T5A</a>		30				Zn/White
<a href="#">EY315306.8T5B</a>		30				Zn/Black



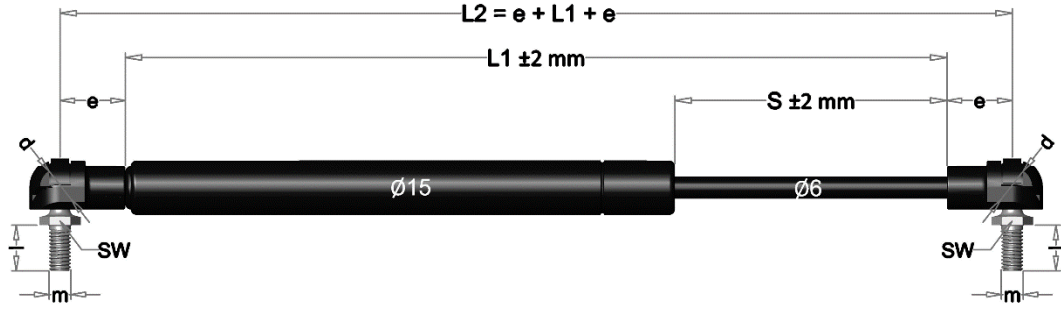
Code	d	g	l1	l2	a	b	Material	Surface
<i>CV103.M6A</i>	5,1	8	20	26	10	5	11SMnPb30	Zn/White
<i>CV105A</i>	6,1	12	24	31	12	6	11SMnPb30	Zn/White
<i>CV106A</i>		24	36	43				



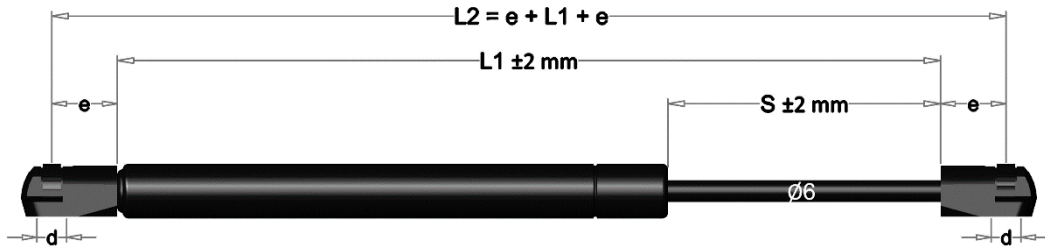
Code	d	g	l1	l2	a1	a2	b	Material	Surface
<i>CC103.M6A</i>	5	8	20	26	10	14,5	5	11SMnPb30 + CK67	Zn/White
<i>CC105A</i>	6	12	24	31	12	16,5	6	11SMnPb30 + CK67	Zn/White
<i>CC106A</i>		24	36	43					



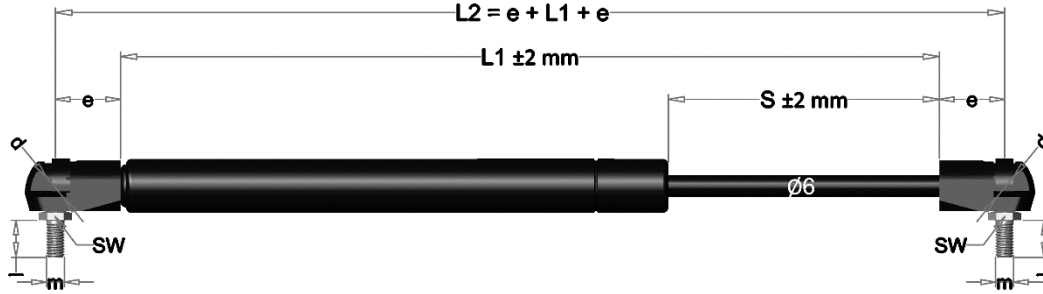
Code	d	e	Material	Colour	Thread
<i>PL210186M</i>	10	18	PA66 GF30	Black	Metal
<i>PL210186MG</i>				Grey	



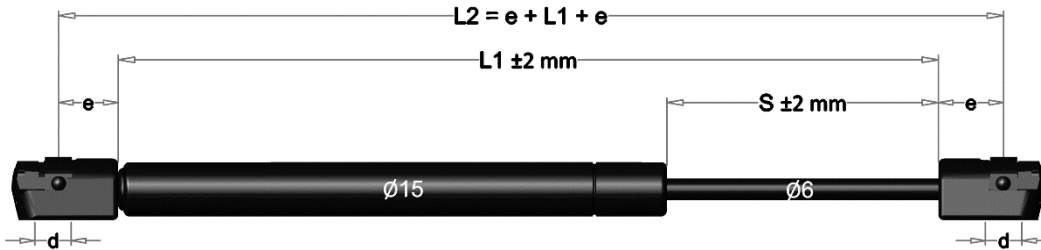
Code	Ball housing				Ball stud				
	d	e	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ210186M.115A</a>	10	18	PA66 GF30	Black	M5	11	10	11SMnPb30	Zn/White
<a href="#">PBJ210186M.115B</a>				Grey					Zn/Black
<a href="#">PBJ210186MG.115A</a>	10	18	PA66 GF30	Black	M5	11	10	11SMnPb30	Zn/White
<a href="#">PBJ210186M.116A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.116B</a>	10	18	PA66 GF30	Black	M5	11	10	11SMnPb30	Zn/White
<a href="#">PBJ210186MG.116A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.126A</a>	10	18	PA66 GF30	Black	M6	12,5	10	11SMnPb30	Zn/White
<a href="#">PBJ210186M.126B</a>				Grey					Zn/Black
<a href="#">PBJ210186MG.126A</a>	10	18	PA66 GF30	Black	M6	15	10	11SMnPb30	Zn/White
<a href="#">PBJ210186M.156A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.156B</a>	10	18	PA66 GF30	Black	M6	20	10	11SMnPb30	Zn/White
<a href="#">PBJ210186MG.156A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.206A</a>	10	18	PA66 GF30	Black	M6	28	10	11SMnPb30	Zn/White
<a href="#">PBJ210186M.206B</a>				Grey					Zn/Black
<a href="#">PBJ210186MG.206A</a>	10	18	PA66 GF30	Black	M6	6	13	11SMnPb30	Zn/White
<a href="#">PBJ210186M.286A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.286B</a>	10	18	PA66 GF30	Black	M6	8	13	11SMnPb30	Zn/White
<a href="#">PBJ210186MG.286A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.68.0B</a>	10	18	PA66 GF30	Black	M8	11	10	11SMnPb30	Zn/Black
<a href="#">PBJ210186M.88.0B</a>				Black					Zn/White
<a href="#">PBJ210186M.118A</a>	10	18	PA66 GF30	Black	M8	11	13	11SMnPb30	Zn/Black
<a href="#">PBJ210186M.118B</a>				Grey					Zn/White
<a href="#">PBJ210186MG.118A</a>	10	18	PA66 GF30	Black	M8	12,5	10	11SMnPb30	Zn/White
<a href="#">PBJ210186M.118.0A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.118.0B</a>	10	18	PA66 GF30	Black	M8	13	13	11SMnPb30	Zn/White
<a href="#">PBJ210186MG.118.0A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.128A</a>	10	18	PA66 GF30	Black	M8	15	10	11SMnPb30	Zn/White
<a href="#">PBJ210186M.128B</a>				Grey					Zn/Black
<a href="#">PBJ210186MG.128A</a>	10	18	PA66 GF30	Black	M8	15	13	11SMnPb30	Zn/White
<a href="#">PBJ210186M.138.0A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.138.0B</a>	10	18	PA66 GF30	Black	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">PBJ210186MG.138.0A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.158A</a>	10	18	PA66 GF30	Black	M8	20	13	11SMnPb30	Zn/White
<a href="#">PBJ210186M.158B</a>				Grey					Zn/Black
<a href="#">PBJ210186MG.158A</a>	10	18	PA66 GF30	Black	M8	20	13	11SMnPb30	Zn/White
<a href="#">PBJ210186M.158.0A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.158.0B</a>	10	18	PA66 GF30	Black	M8	20	13	11SMnPb30	Zn/White
<a href="#">PBJ210186MG.158.0A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.168.0A</a>	10	18	PA66 GF30	Black	M8	20	13	11SMnPb30	Zn/White
<a href="#">PBJ210186M.168.0B</a>				Grey					Zn/Black
<a href="#">PBJ210186MG.168.0A</a>	10	18	PA66 GF30	Black	M8	20	13	11SMnPb30	Zn/White
<a href="#">PBJ210186M.208.0A</a>				Grey					Zn/Black
<a href="#">PBJ210186M.208.0B</a>	10	18	PA66 GF30	Black	M8	20	13	11SMnPb30	Zn/White
<a href="#">PBJ210186MG.208.0A</a>				Grey					Zn/Black



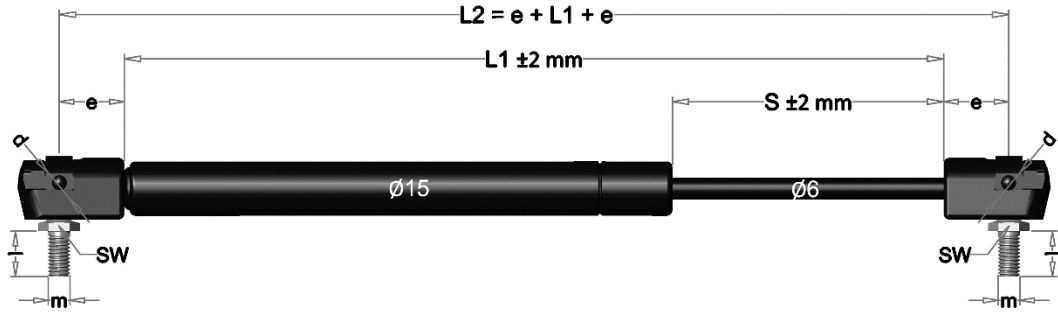
Code	d	e	Material	Colour	Thread
<i>PL308186M</i>	8	18	PA66 GF30	Black	Metal



Code	Ball housing				Ball stud				
	d	e	Material	Colour	m	l	SW	Material	Surface
<i>PBJ308186M.104.7A</i>	8	18	PA66 GF30	Black	M4	10	7	11SMnPb30	Zn/White
<i>PBJ308186M.104.7B</i>					M4				Zn/Black
<i>PBJ308186M.105A</i>					M5	10	8	11SMnPb30	Zn/White
<i>PBJ308186M.105B</i>					M5				Zn/Black



Code	d	e	Material	Colour	Thread
<i>PL410186M</i>	10	18	PA66 GF30	Black	Metal



Code	Ball housing				Ball stud				
	d	e	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ410186M.115A</a>	10	18	PA66 GF30	Black	M5	11	10	11SMnPb30	Zn/White
<a href="#">PBJ410186M.115B</a>									Zn/Black
<a href="#">PBJ410186M.116A</a>	10	18	PA66 GF30	Black	M6	11	10	11SMnPb30	Zn/White
<a href="#">PBJ410186M.116B</a>									Zn/Black
<a href="#">PBJ410186M.126A</a>						12,5	10		Zn/White
<a href="#">PBJ410186M.126B</a>									Zn/Black
<a href="#">PBJ410186M.156A</a>	10	18	PA66 GF30	Black	M6	15	10	11SMnPb30	Zn/White
<a href="#">PBJ410186M.156B</a>									Zn/Black
<a href="#">PBJ410186M.206A</a>						20	10		Zn/White
<a href="#">PBJ410186M.206B</a>									Zn/Black
<a href="#">PBJ410186M.286A</a>	10	18	PA66 GF30	Black	M6	28	10	11SMnPb30	Zn/White
<a href="#">PBJ410186M.286B</a>									Zn/Black
<a href="#">PBJ410186M.680B</a>						6	13		Zn/Black
<a href="#">PBJ410186M.880B</a>						8	13		Zn/Black
<a href="#">PBJ410186M.118A</a>	10	18	PA66 GF30	Black	M8	11	10	11SMnPb30	Zn/White
<a href="#">PBJ410186M.118B</a>									Zn/Black
<a href="#">PBJ410186M.118.OA</a>						11	13		Zn/White
<a href="#">PBJ410186M.118.OB</a>									Zn/Black
<a href="#">PBJ410186M.128A</a>						12,5	10		Zn/White
<a href="#">PBJ410186M.128B</a>									Zn/Black
<a href="#">PBJ410186M.138.OA</a>						13	13		Zn/White
<a href="#">PBJ410186M.138.OB</a>									Zn/Black
<a href="#">PBJ410186M.158A</a>						15	10		Zn/White
<a href="#">PBJ410186M.158B</a>									Zn/Black
<a href="#">PBJ410186M.158.OA</a>						15	13		Zn/White
<a href="#">PBJ410186M.158.OB</a>									Zn/Black
<a href="#">PBJ410186M.168.OA</a>	10	18	PA66 GF30	Black	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">PBJ410186M.168.OB</a>									Zn/Black
<a href="#">PBJ410186M.208.OA</a>						20	13		Zn/White
<a href="#">PBJ410186M.208.OB</a>									Zn/Black

4/12 M4-M4

6/15 M6-M6

8/18 M6-M6

8/18 M8-M8

10/21 M8-M8

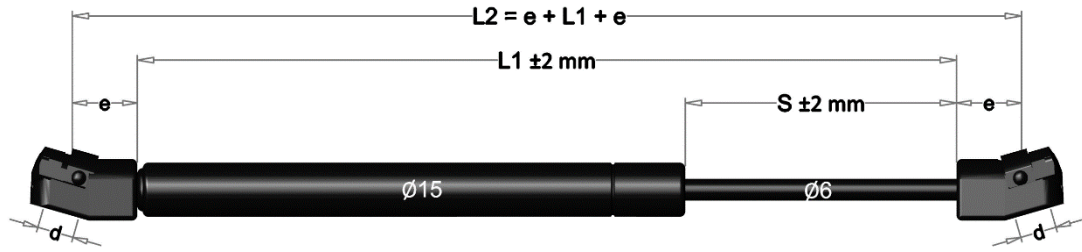
10/27 M8-M8

14/27 M8-M8

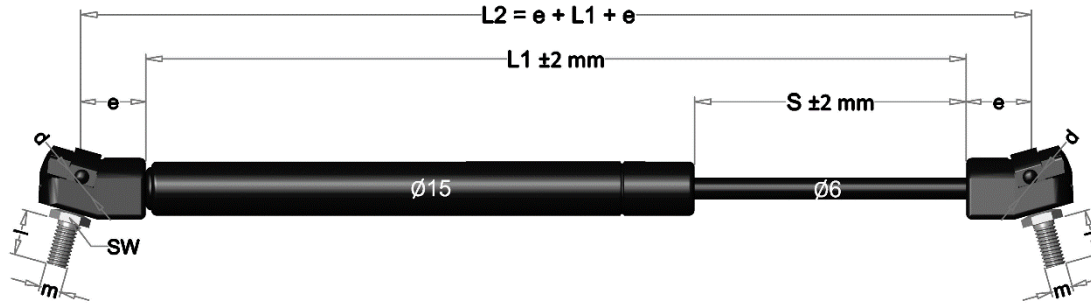
14/27 M10-M10

ADAPTERS

TUBES AND DUST PROTECTION

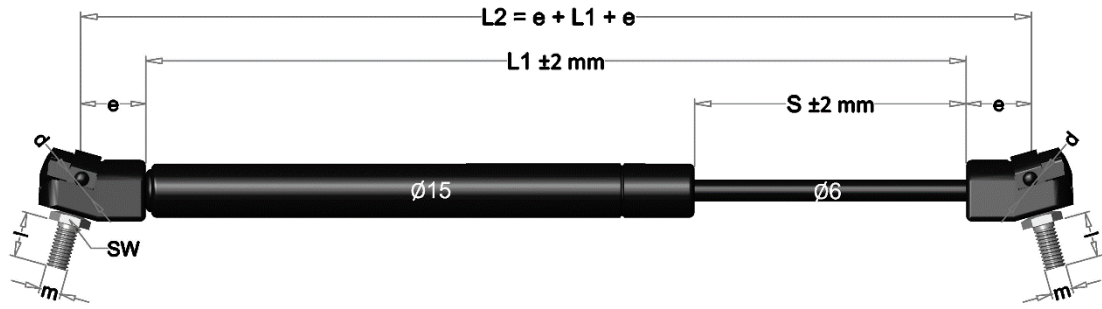


Code	d	e	Angle	Material	Colour	Thread
<a href="#">PL510186M.A10</a>	10	18	10°	PA66 GF30	Black	Metal
<a href="#">PL510186M.A16</a>			16°			



Code	Ball housing					Ball stud				
	d	e	Angle	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ510186M.A10.115A</a>	10	18	10°	PA66 GF30	Black	M5	11	10	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A10.115B</a>										Zn/Black
<a href="#">PBJ510186M.A10.116A</a>	10	18	10°	PA66 GF30	Black	M6	12,5	10	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A10.116B</a>										Zn/Black
<a href="#">PBJ510186M.A10.126A</a>										Zn/Black
<a href="#">PBJ510186M.A10.126B</a>										Zn/White
<a href="#">PBJ510186M.A10.156A</a>	10	18	10°	PA66 GF30	Black	M6	15	10	11SMnPb30	Zn/Black
<a href="#">PBJ510186M.A10.156B</a>										Zn/White
<a href="#">PBJ510186M.A10.206A</a>										Zn/Black
<a href="#">PBJ510186M.A10.206B</a>										Zn/White
<a href="#">PBJ510186M.A10.286A</a>	10	18	10°	PA66 GF30	Black	M6	20	10	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A10.286B</a>										Zn/Black
<a href="#">PBJ510186M.A10.680B</a>										Zn/White
<a href="#">PBJ510186M.A10.880B</a>										Zn/Black
<a href="#">PBJ510186M.A10.118A</a>	10	18	10°	PA66 GF30	Black	M8	11	10	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A10.118B</a>										Zn/Black
<a href="#">PBJ510186M.A10.118.0A</a>										Zn/White
<a href="#">PBJ510186M.A10.118.0B</a>										Zn/Black
<a href="#">PBJ510186M.A10.128A</a>										Zn/White
<a href="#">PBJ510186M.A10.128B</a>										Zn/Black
<a href="#">PBJ510186M.A10.138.0A</a>										Zn/White
<a href="#">PBJ510186M.A10.138.0B</a>										Zn/Black
<a href="#">PBJ510186M.A10.158A</a>										Zn/White
<a href="#">PBJ510186M.A10.158B</a>										Zn/Black
<a href="#">PBJ510186M.A10.158.0A</a>										Zn/White
<a href="#">PBJ510186M.A10.158.0B</a>										Zn/Black
<a href="#">PBJ510186M.A10.168.0A</a>	10	18	10°	PA66 GF30	Black	M8	13	13	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A10.168.0B</a>										Zn/Black
<a href="#">PBJ510186M.A10.208.0A</a>										Zn/White
<a href="#">PBJ510186M.A10.208.0B</a>										Zn/Black



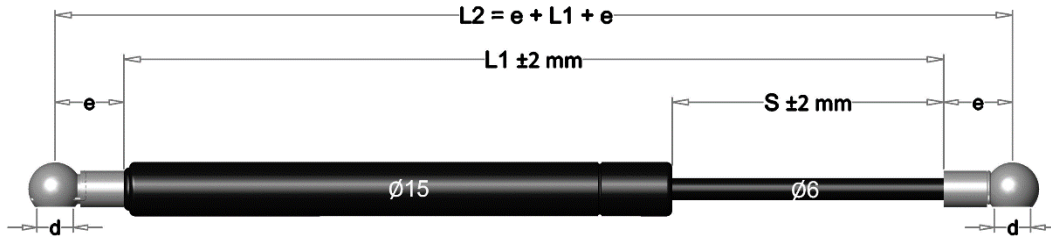


Code	Ball housing					Ball stud				
	d	e	Angle	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ510186M.A16.115A</a>	10	18	16°	PA66 GF30	Black	M5	11	10	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A16.115B</a>										Zn/Black
<a href="#">PBJ510186M.A16.116A</a>	10	18	16°	PA66 GF30	Black	M6	12,5	10	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A16.116B</a>										Zn/Black
<a href="#">PBJ510186M.A16.126A</a>										Zn/Black
<a href="#">PBJ510186M.A16.126B</a>										Zn/White
<a href="#">PBJ510186M.A16.156A</a>	10	18	16°	PA66 GF30	Black	M6	15	10	11SMnPb30	Zn/Black
<a href="#">PBJ510186M.A16.156B</a>										Zn/White
<a href="#">PBJ510186M.A16.206A</a>										Zn/Black
<a href="#">PBJ510186M.A16.206B</a>										Zn/White
<a href="#">PBJ510186M.A16.286A</a>										Zn/Black
<a href="#">PBJ510186M.A16.286B</a>										Zn/White
<a href="#">PBJ510186M.A16.680B</a>	10	18	16°	PA66 GF30	Black	M8	13	13	11SMnPb30	Zn/Black
<a href="#">PBJ510186M.A16.880B</a>										Zn/Black
<a href="#">PBJ510186M.A16.118A</a>										Zn/White
<a href="#">PBJ510186M.A16.118B</a>										Zn/Black
<a href="#">PBJ510186M.A16.118.OA</a>										Zn/White
<a href="#">PBJ510186M.A16.118.OB</a>										Zn/Black
<a href="#">PBJ510186M.A16.128A</a>										Zn/White
<a href="#">PBJ510186M.A16.128B</a>										Zn/Black
<a href="#">PBJ510186M.A16.138.OA</a>	10	18	16°	PA66 GF30	Black	M8	13	13	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A16.138.OB</a>										Zn/Black
<a href="#">PBJ510186M.A16.158A</a>	10	18	16°	PA66 GF30	Black	M8	15	10	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A16.158B</a>										Zn/Black
<a href="#">PBJ510186M.A16.158.OA</a>										Zn/White
<a href="#">PBJ510186M.A16.158.OB</a>										Zn/Black
<a href="#">PBJ510186M.A16.168.OA</a>										Zn/White
<a href="#">PBJ510186M.A16.168.OB</a>										Zn/Black
<a href="#">PBJ510186M.A16.208.OA</a>	10	18	16°	PA66 GF30	Black	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A16.208.OB</a>										Zn/Black
<a href="#">PBJ510186M.A16.208.OA</a>	10	18	16°	PA66 GF30	Black	M8	20	13	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A16.208.OB</a>										Zn/Black

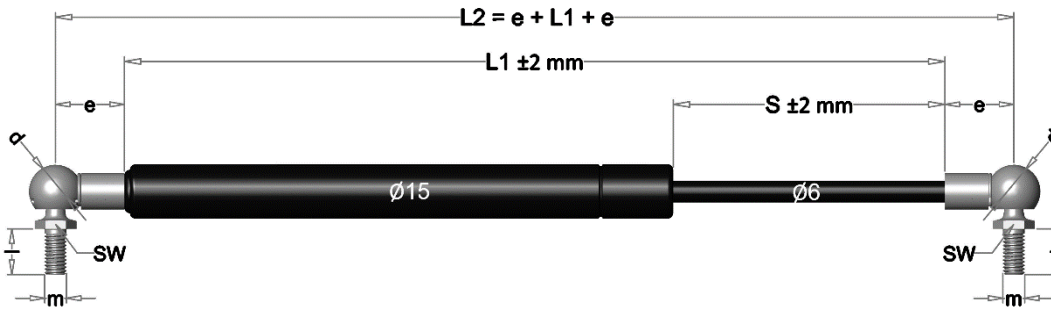
4/12 M4-M4  
6/15 M6-M6  
8/18 M6-M6  
8/18 M8-M8  
10/21 M8-M8  
10/27 M8-M8  
14/27 M8-M8  
14/27 M10-M10

ADAPTERS

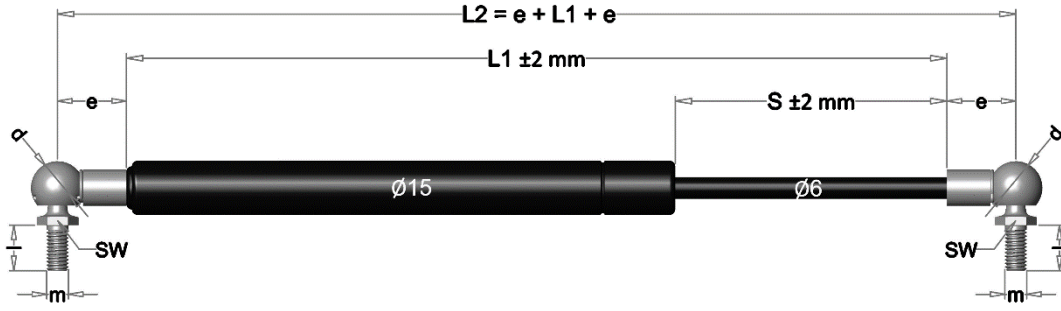
TUBES AND DUST PROTECTION



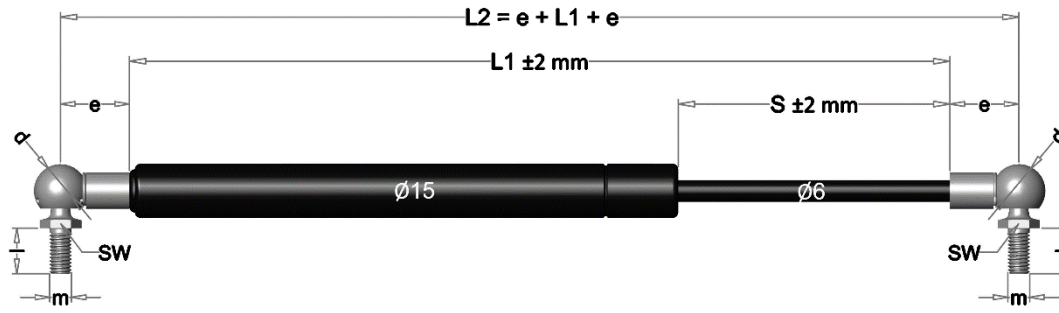
Code	d	e	Material	Surface
<a href="#">BH110186A</a>	10	18	11SMnPb30	Zn/White
<a href="#">BH110186B</a>				Zn/Black
<a href="#">BH110216B</a>	10	21	11SMnPb30	Zn/Black
<a href="#">BH110256A</a>	10	25	11SMnPb30	Zn/White
<a href="#">BH110256B</a>				Zn/Black
<a href="#">BH110306B</a>	10	30	11SMnPb30	Zn/Black
<a href="#">BH110406A</a>	10	40	11SMnPb30	Zn/White
<a href="#">BH110406B</a>				Zn/Black



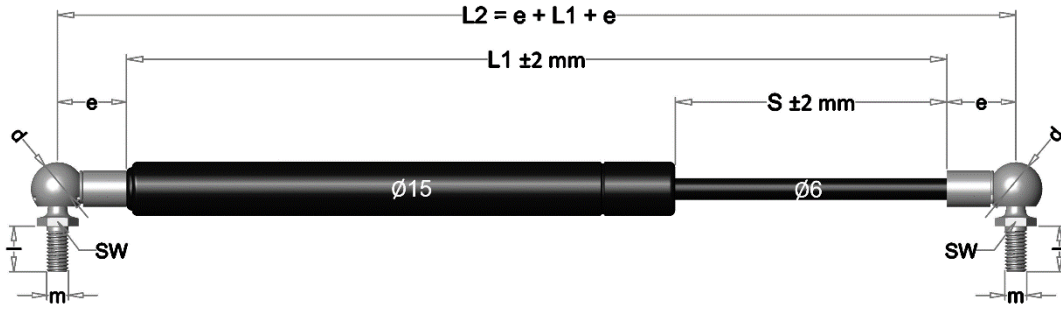
Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ110186.115A</a>	10	18	M5	11	10	11SMnPb30	Zn/White
<a href="#">BJ110186.115B</a>							Zn/Black
<a href="#">BJ110216.115B</a>		21					Zn/Black
<a href="#">BJ110256.115A</a>		25					Zn/White
<a href="#">BJ110256.115B</a>							Zn/Black
<a href="#">BJ110306.115B</a>		30					Zn/Black
<a href="#">BJ110406.115A</a>		40					Zn/White
<a href="#">BJ110406.115B</a>	Zn/Black						
<a href="#">BJ110186.116A</a>	10	18	M6	11	10	11SMnPb30	Zn/White
<a href="#">BJ110186.116B</a>							Zn/Black
<a href="#">BJ110216.116B</a>		21					Zn/Black
<a href="#">BJ110256.116A</a>		25					Zn/White
<a href="#">BJ110256.116B</a>							Zn/Black
<a href="#">BJ110306.116B</a>		30					Zn/Black
<a href="#">BJ110406.116A</a>		40					Zn/White
<a href="#">BJ110406.116B</a>	Zn/Black						
<a href="#">BJ110186.126A</a>	10	18	M6	12,5	10	11SMnPb30	Zn/White
<a href="#">BJ110186.126B</a>							Zn/Black
<a href="#">BJ110216.126B</a>		21					Zn/Black
<a href="#">BJ110256.126A</a>		25					Zn/White
<a href="#">BJ110256.126B</a>							Zn/Black
<a href="#">BJ110306.126B</a>		30					Zn/Black
<a href="#">BJ110406.126A</a>		40					Zn/White
<a href="#">BJ110406.126B</a>	Zn/Black						



Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ110186.156A</a>	10	18	M6	15	10	11SMnPb30	Zn/White
<a href="#">BJ110186.156B</a>		21					Zn/Black
<a href="#">BJ110216.156B</a>		25					Zn/Black
<a href="#">BJ110256.156A</a>		30					Zn/White
<a href="#">BJ110256.156B</a>		40					Zn/Black
<a href="#">BJ110306.156B</a>							Zn/Black
<a href="#">BJ110406.156A</a>							Zn/White
<a href="#">BJ110406.156B</a>		Zn/Black					
<a href="#">BJ110186.206A</a>	10	18	M6	20	10	11SMnPb30	Zn/White
<a href="#">BJ110186.206B</a>		21					Zn/Black
<a href="#">BJ110216.206B</a>		25					Zn/Black
<a href="#">BJ110256.206A</a>		30					Zn/White
<a href="#">BJ110256.206B</a>		40					Zn/Black
<a href="#">BJ110306.206B</a>							Zn/Black
<a href="#">BJ110406.206A</a>							Zn/White
<a href="#">BJ110406.206B</a>		Zn/Black					
<a href="#">BJ110186.286A</a>	10	18	M6	28	10	11SMnPb30	Zn/White
<a href="#">BJ110186.286B</a>		21					Zn/Black
<a href="#">BJ110216.286B</a>		25					Zn/Black
<a href="#">BJ110256.286A</a>		30					Zn/White
<a href="#">BJ110256.286B</a>		40					Zn/Black
<a href="#">BJ110306.286B</a>							Zn/Black
<a href="#">BJ110406.286A</a>							Zn/White
<a href="#">BJ110406.286B</a>		Zn/Black					
<a href="#">BJ110186.68.0B</a>	10	18	M8	6	13	11SMnPb30	Zn/Black
<a href="#">BJ110216.68.0B</a>		21					
<a href="#">BJ110256.68.0B</a>		25					
<a href="#">BJ110306.88.0B</a>		30					
<a href="#">BJ110406.68.0B</a>		40					
<a href="#">BJ110186.88.0B</a>	10	18	M8	8	13	11SMnPb30	Zn/Black
<a href="#">BJ110216.88.0B</a>		21					
<a href="#">BJ110256.88.0B</a>		25					
<a href="#">BJ110306.88.0B</a>		30					
<a href="#">BJ110406.88.0B</a>		40					
<a href="#">BJ110186.118A</a>	10	18	M8	11	10	11SMnPb30	Zn/White
<a href="#">BJ110186.118B</a>		21					Zn/Black
<a href="#">BJ110216.118B</a>		25					Zn/Black
<a href="#">BJ110256.118A</a>		30					Zn/White
<a href="#">BJ110256.118B</a>		40					Zn/Black
<a href="#">BJ110306.118B</a>							Zn/Black
<a href="#">BJ110406.118A</a>							Zn/White
<a href="#">BJ110406.118B</a>		Zn/Black					



Code	Ball housing		Ball stud			Material	Surface	
	d	e	m	l	SW			
<a href="#">BJ110186.118.OA</a>	10	18	M8	11	13	11SMnPb30	Zn/White	
<a href="#">BJ110186.118.OB</a>							Zn/Black	
<a href="#">BJ110216.118.OB</a>		21					Zn/Black	
<a href="#">BJ110256.118.OA</a>		25					Zn/White	
<a href="#">BJ110256.118.OB</a>							Zn/Black	
<a href="#">BJ110306.118.OB</a>							30	Zn/Black
<a href="#">BJ110406.118.OA</a>							40	Zn/White
<a href="#">BJ110406.118.OB</a>		Zn/Black						
<a href="#">BJ110186.128A</a>	10	18	M8	12,5	10	11SMnPb30	Zn/White	
<a href="#">BJ110186.128B</a>							Zn/Black	
<a href="#">BJ110216.128B</a>		21					Zn/Black	
<a href="#">BJ110256.128A</a>		25					Zn/White	
<a href="#">BJ110256.128B</a>							Zn/Black	
<a href="#">BJ110306.128B</a>							30	Zn/Black
<a href="#">BJ110406.128A</a>							40	Zn/White
<a href="#">BJ110406.128B</a>		Zn/Black						
<a href="#">BJ110186.138.OA</a>	10	18	M8	13	13	11SMnPb30	Zn/White	
<a href="#">BJ110186.138.OB</a>							Zn/Black	
<a href="#">BJ110216.138.OB</a>		21					Zn/Black	
<a href="#">BJ110256.138.OA</a>		25					Zn/White	
<a href="#">BJ110256.138.OB</a>							Zn/Black	
<a href="#">BJ110306.138.OB</a>							30	Zn/Black
<a href="#">BJ110406.138.OA</a>							40	Zn/White
<a href="#">BJ110406.138.OB</a>		Zn/Black						
<a href="#">BJ110186.158A</a>	10	18	M8	15	10	11SMnPb30	Zn/White	
<a href="#">BJ110186.158B</a>							Zn/Black	
<a href="#">BJ110216.158B</a>		21					Zn/Black	
<a href="#">BJ110256.158A</a>		25					Zn/White	
<a href="#">BJ110256.158B</a>							Zn/Black	
<a href="#">BJ110306.158B</a>							30	Zn/Black
<a href="#">BJ110406.158A</a>							40	Zn/White
<a href="#">BJ110406.158B</a>		Zn/Black						
<a href="#">BJ110186.158.OA</a>	10	18	M8	15	13	11SMnPb30	Zn/White	
<a href="#">BJ110186.158.OB</a>							Zn/Black	
<a href="#">BJ110216.158.OB</a>		21					Zn/Black	
<a href="#">BJ110256.158.OA</a>		25					Zn/White	
<a href="#">BJ110256.158.OB</a>							Zn/Black	
<a href="#">BJ110306.158.OB</a>							30	Zn/Black
<a href="#">BJ110406.158.OA</a>							40	Zn/White
<a href="#">BJ110406.158.OB</a>		Zn/Black						



Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ110186.168.OA</a>	10	18	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">BJ110186.168.OB</a>		18					Zn/Black
<a href="#">BJ110216.168.OB</a>		21					Zn/Black
<a href="#">BJ110256.158.OA</a>		25					Zn/White
<a href="#">BJ110256.158.OB</a>		25					Zn/Black
<a href="#">BJ110306.158.OB</a>		30					Zn/Black
<a href="#">BJ110406.168.OA</a>		40					Zn/White
<a href="#">BJ110406.168.OB</a>		40					Zn/Black
<a href="#">BJ110186.208.OA</a>	10	18	M8	20	13	11SMnPb30	Zn/White
<a href="#">BJ110186.208.OB</a>		18					Zn/White
<a href="#">BJ110216.208.OB</a>		21					Zn/Black
<a href="#">BJ110256.208.OA</a>		25					Zn/White
<a href="#">BJ110256.208.OB</a>		25					Zn/Black
<a href="#">BJ110306.208.OB</a>		30					Zn/Black
<a href="#">BJ110406.208.OA</a>		40					Zn/White
<a href="#">BJ110406.208.OB</a>		40					Zn/Black

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M4-M4

6/15

M6-M6

8/18

M6-M6

8/18

M8-M8

10/21

M8-M8

10/27

M8-M8

14/27

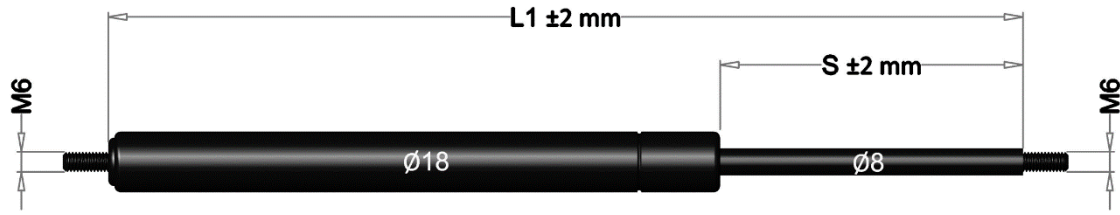
M8-M8

14/27

M10-M10







ADAPTERS


















TUBES AND DUST PROTECTION



Stroke (S)	Length (L1)	Force (N)
20	75	50-600
30	95	50-600
40	115	50-600
50	135	50-600
60	155	50-650
70	175	50-650
80	195	50-700
90	215	50-700
100	235	50-700
120	275	50-650
140	315	50-650
150	335	50-650
175	385	50-600
200	435	50-600
225	485	50-550
250	535	50-500
275	585	50-500
300	635	50-450
350	735	50-400
400	835	50-400
425	885	50-400

Selection of end fittings for gas spring type G818 M6:

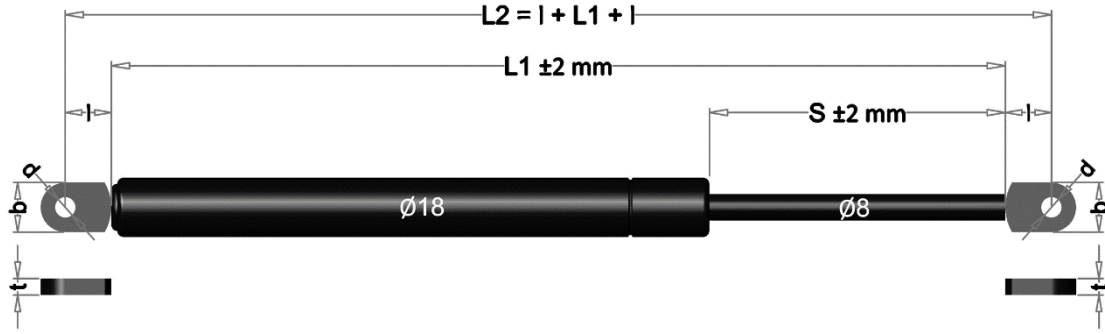
End fitting type	Tube side	Rod side	Page
 Welded eyelet type 1	✓	✓	<a href="#">Go to Page 23</a>
 Welded eyelet type 2	✓	✓	<a href="#">Go to Page 23</a>
 Welded eyelet type 3	✓	✓	<a href="#">Go to Page 23</a>
 Eyelet type EY1	✓	✓	<a href="#">Go to Page 24</a>
 Eyelet type EY6	✓	✓	<a href="#">Go to Page 24</a>
 Eyelet type EY2	✓	✓	<a href="#">Go to Page 24</a>

End fitting type	Tube side	Rod side	Page
 Eyelet type EY3	✓	✓	<a href="#">Go to Page 25</a>
 Clevis DIN71752	✓	✓	<a href="#">Go to Page 25</a>
 Clevis joint DIN71752	✓	✓	<a href="#">Go to Page 26</a>
 Plastic ball housing type PL1	✓	✓	<a href="#">Go to Page 26</a>
 Plastic ball joint type PBJ1	✓	✓	<a href="#">Go to Page 26</a>
 Plastic ball housing type PL2	✓	✓	<a href="#">Go to Page 27</a>
 Plastic ball joint type PBJ2	✓	✓	<a href="#">Go to Page 27</a>
 Plastic ball housing type PL4	✓	✓	<a href="#">Go to Page 28</a>
 Plastic ball joint type PBJ4	✓	✓	<a href="#">Go to Page 28</a>
 Angled plastic ball housing type PL5	✓	✓	<a href="#">Go to Page 29</a>
 Angled plastic ball joint type PBJ5	✓	✓	<a href="#">Go to Page 30</a>
 Plastic ball housing type PL6	✓	✓	<a href="#">Go to Page 31</a>
 Plastic ball joint type PBJ6	✓	✓	<a href="#">Go to Page 32</a>
 Ball housing DIN71805	✓	✓	<a href="#">Go to Page 33</a>
 Ball joint DIN71802	✓	✓	<a href="#">Go to Page 33</a>
 Axial ball housing DIN71805	✓	✓	<a href="#">Go to Page 36</a>
 Axial ball joint DIN71802	✓	✓	<a href="#">Go to Page 37</a>

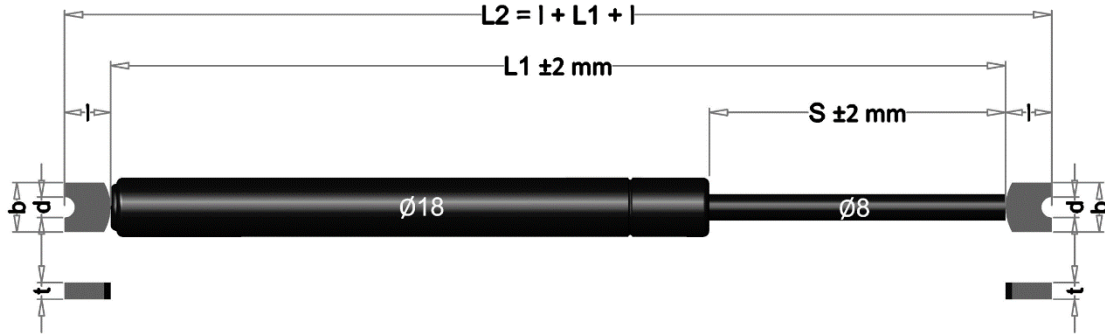
4/12  
M4-M46/15  
M6-M68/18  
M6-M68/18  
M8-M810/21  
M8-M810/27  
M8-M814/27  
M8-M814/27  
M8-M814/27  
M10-M10

ADAPTERS

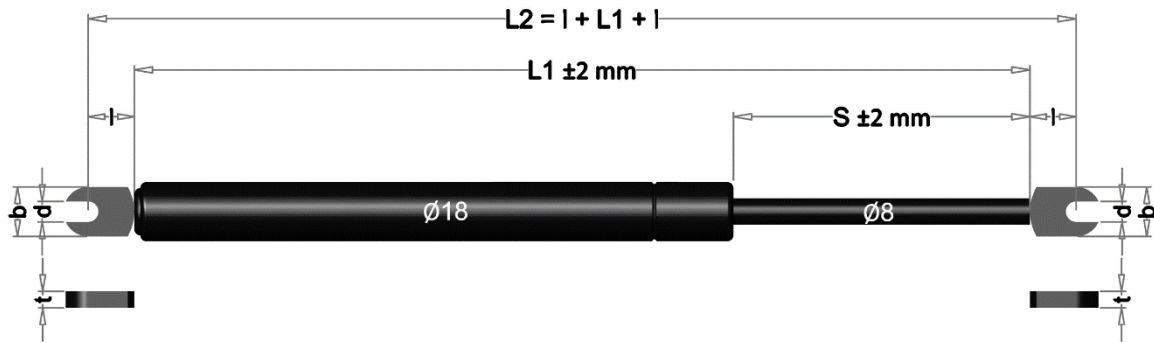
TUBES AND DUST  
PROTECTION



Code	d	l	b	t	Material	Surface
<a href="#">WEY1510.6T5B</a>	6,1	10	15	5	ST37	Black
<a href="#">WEY1514.6T5B</a>		14	15	5		
<a href="#">WEY1517.6T5B</a>		17	15	5		
<a href="#">WEY1521.6T5B</a>		21	15	5		
<a href="#">WEY1510.8T5B</a>	8,1	10	15	5	ST37	Black
<a href="#">WEY1514.8T5B</a>		14	15	5		
<a href="#">WEY1517.8T5B</a>		17	15	5		
<a href="#">WEY1520.8T5B</a>		20	15	5		

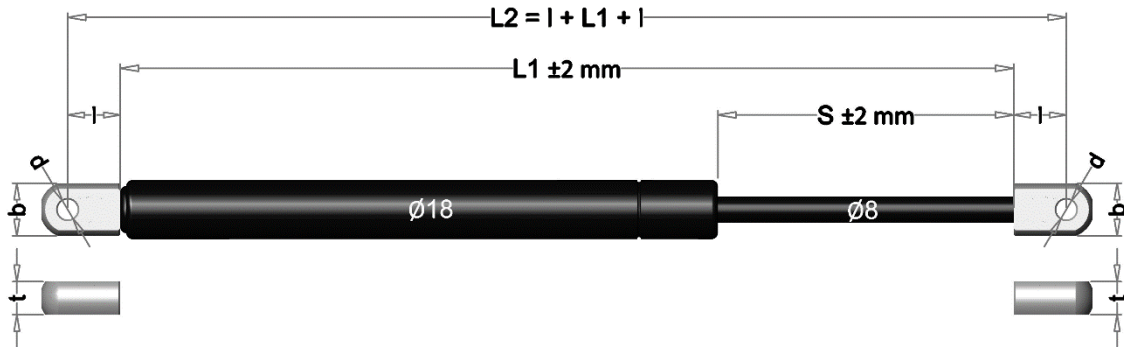


Code	d	l	b	t	Material	Surface
<a href="#">YWEY1517.8T5B</a>	8,1	17	15	5	ST37	Black

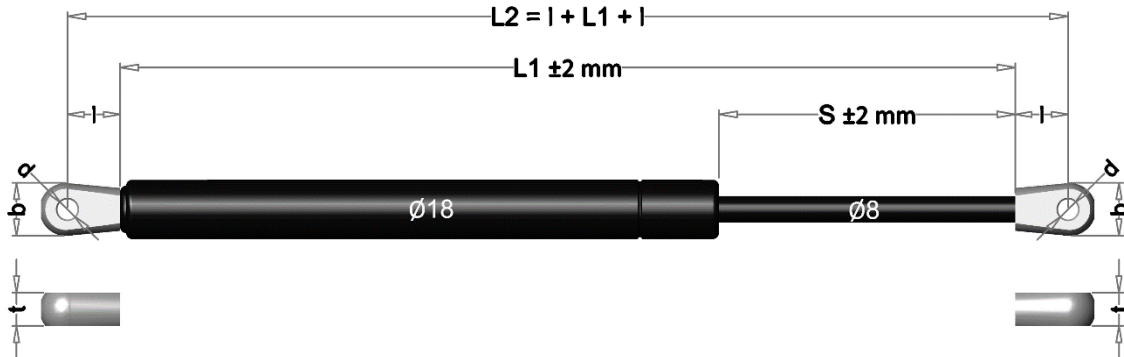


Code	d	l	b	t	Material	Surface
<a href="#">UWEY1514.8T5B</a>	8,1	14	15	5	ST37	Black

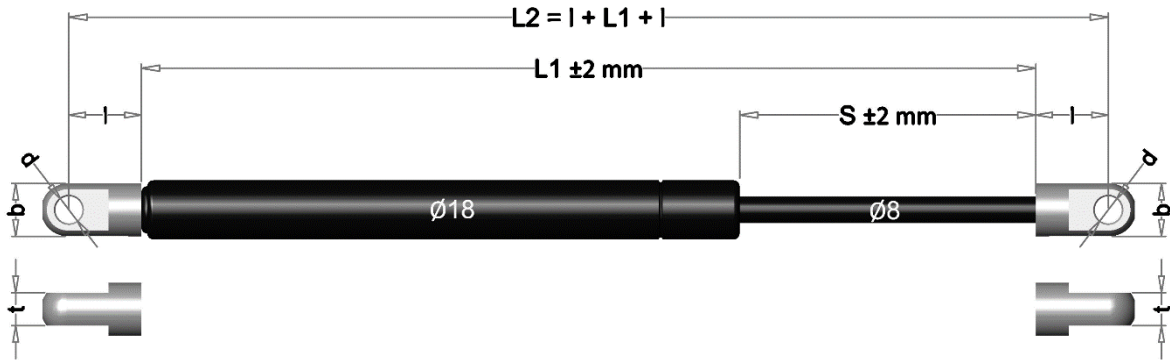




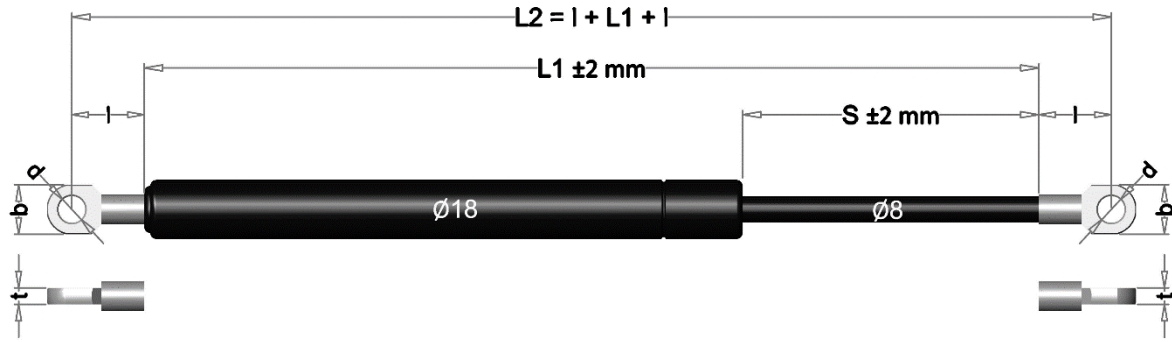
Code	d	l	b	t	Material	Surface
<a href="#">EY116166.6T10A</a>	6,1	16	16	10	11SMnPb30	Zn/White
<a href="#">EY116186.6T10A</a>		18				
<a href="#">EY116166.8T10A</a>	8,1	16	16	10	11SMnPb30	Zn/White
<a href="#">EY116186.8T10A</a>		18				
<a href="#">EY116206.8T10A</a>		20				



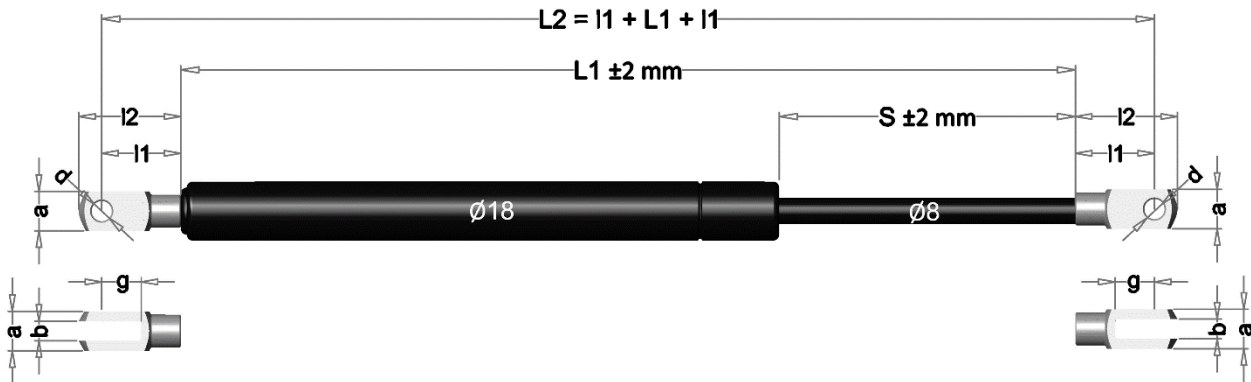
Code	d	l	b	t	Material	Surface
<a href="#">EY618186.8T10G</a>	8,1	18	18	10	2011 AL	-



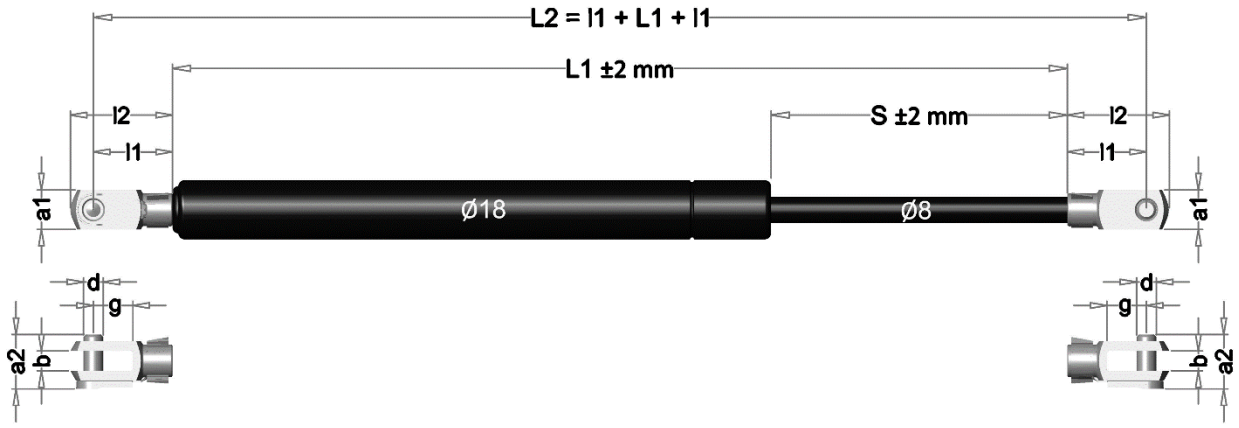
Code	d	l	b	t	Material	Surface
<a href="#">EY216226.8T10</a>	8,1	22	16	10	11SMnPb30	Zn/White



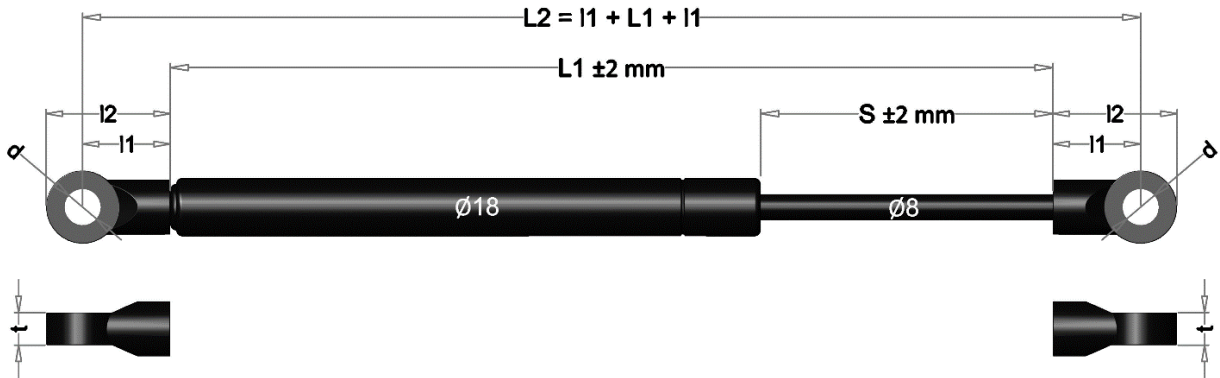
Code	d	l	b	t	Material	Surface
EY315186.6T5B	6,1	18	15	5	11SMnPb30	Zn/Black
EY315236.6T5B		23				Zn/Black
EY315286.6T5A		28				Zn/White
EY315186.8T5B	8,1	18	15	5	11SMnPb30	Zn/Black
EY315236.8T5A		23				Zn/White
EY315236.8T5B		23				Zn/Black
EY315286.8T5B		28				Zn/Black
EY315306.8T5A		30				Zn/White
EY315306.8T5B	30	Zn/Black				
EY315236.0T5B	10,1	23	15	5	11SMnPb30	Zn/Black
EY315286.0T5B		28				Zn/Black



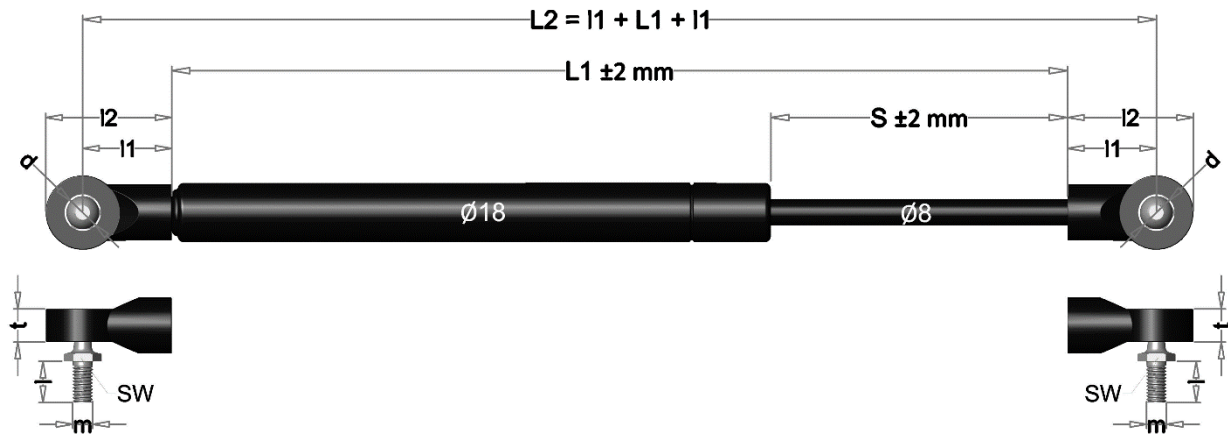
Code	d	g	l1	l2	a	b	Material	Surface
CV103.M6A	5,1	8	20	26	10	5	11SMnPb30	Zn/White
CV105A	6,1	12	24	31	12	6	11SMnPb30	Zn/White
CV106A		24	36	43				



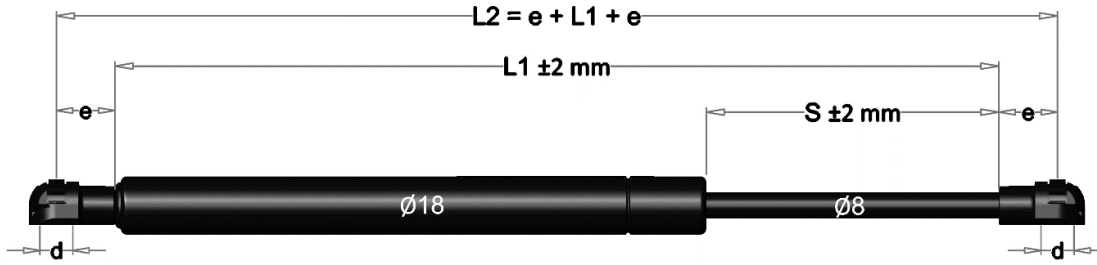
Code	d	g	l1	l2	a1	a2	b	Material	Surface
CC103.M6A	5	8	20	26	10	14,5	5	11SMnPb30 + CK67	Zn/White
CC105A	6	12	24	31	12	16,5	6	11SMnPb30 + CK67	Zn/White
CC106A		24	36	43					



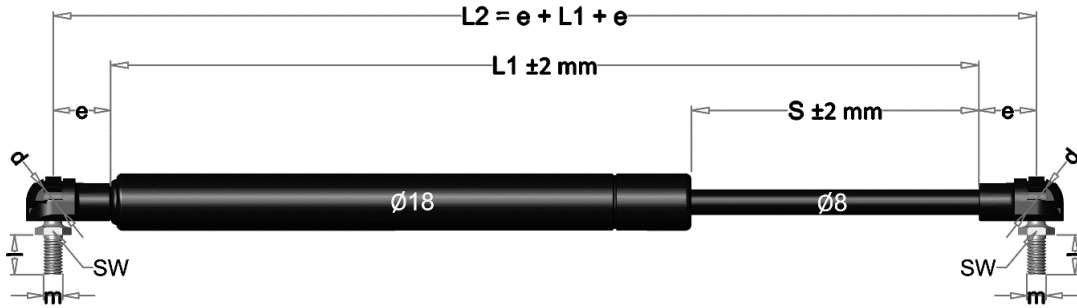
Code	d	l1	l2	Material	Colour	Thread
PL111276M	11	27	38	PA66 GF30	Black	Metal



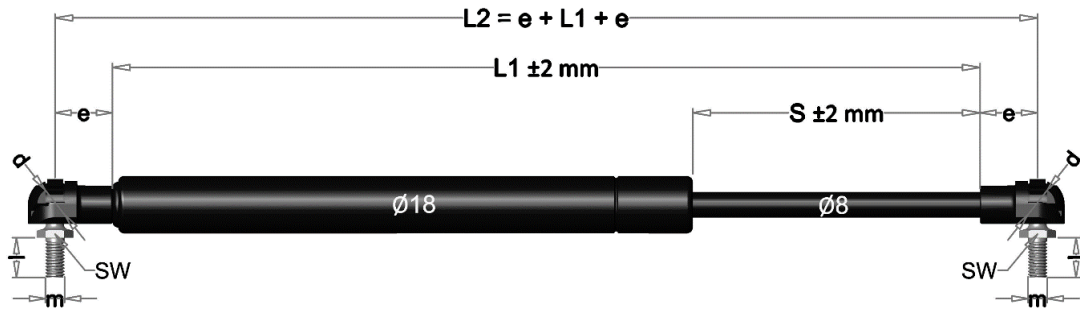
Code	Ball housing					Ball stud				
	d	l1	l2	Material	Colour	m	l	SW	Material	Surface
PBJ111276M.228.2A	11	27	38	PA66 GF30	Black	M8	22	13	11SMnPb30	Zn/White
PBJ111276M.228.2B										Zn/Black



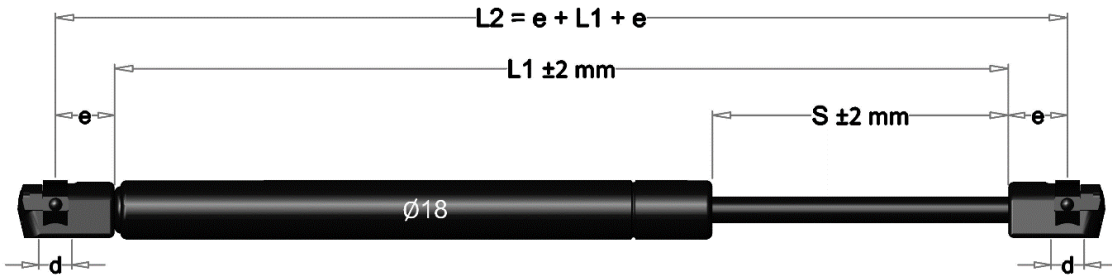
Code	d	e	Material	Colour	Thread
<i>PL210186M</i>	10	18	PA55 GF30	Black	Metal
<i>PL210186MG</i>				Grey	



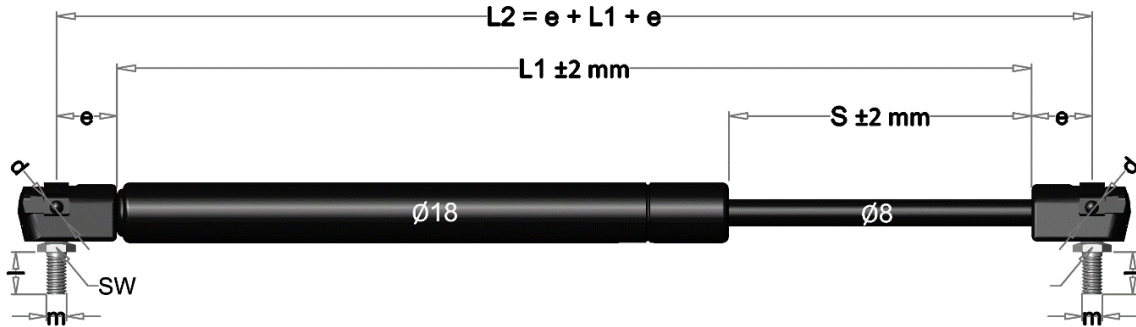
Code	Ball housing				Ball stud				
	d	e	Material	Colour	m	l	SW	Material	Surface
<i>PBJ210186M.116A</i>	10	18	PA66 GF30	Black	M6	11	10	11SMnPb30	Zn/White
<i>PBJ210186M.116B</i>				Black					Zn/Black
<i>PBJ210186MG.116A</i>				Grey		Zn/White			
<i>PBJ210186M.126A</i>				Black		Zn/White			
<i>PBJ210186M.126B</i>				Black		Zn/Black			
<i>PBJ210186MG.126A</i>				Grey		Zn/White			
<i>PBJ210186M.156A</i>				Black	Zn/White				
<i>PBJ210186M.156B</i>				Black	Zn/Black				
<i>PBJ210186MG.156A</i>				Grey	Zn/White				
<i>PBJ210186M.206A</i>				Black	Zn/White				
<i>PBJ210186M.206B</i>				Black	Zn/Black				
<i>PBJ210186MG.206A</i>				Grey	Zn/White				
<i>PBJ210186M.286A</i>	Black	Zn/White							
<i>PBJ210186M.286B</i>	Black	Zn/Black							
<i>PBJ210186MG.286A</i>	Grey	Zn/White							
<i>PBJ210186M.68.0B</i>	10	18	PA66 GF30	Black	M8	6	13	11SMnPb30	Zn/Black
<i>PBJ210186M.88.0B</i>				Black		8	13		Zn/Black
<i>PBJ210186M.118A</i>				Black		11	10		Zn/White
<i>PBJ210186M.118B</i>				Black					Zn/Black
<i>PBJ210186MG.118A</i>				Grey		Zn/White			
<i>PBJ210186M.118.0A</i>				Black		11	13		Zn/White
<i>PBJ210186M.118.0B</i>				Black	Zn/Black				
<i>PBJ210186MG.118.0A</i>				Grey	Zn/White				
<i>PBJ210186M.128A</i>				Black	12,5	10	Zn/White		
<i>PBJ210186M.128B</i>				Black			Zn/Black		
<i>PBJ210186MG.128A</i>				Grey	Zn/White				
<i>PBJ210186M.138.0A</i>				Black	13	13	Zn/White		
<i>PBJ210186M.138.0B</i>	Black	Zn/Black							
<i>PBJ210186MG.138.0A</i>	Grey	Zn/White							



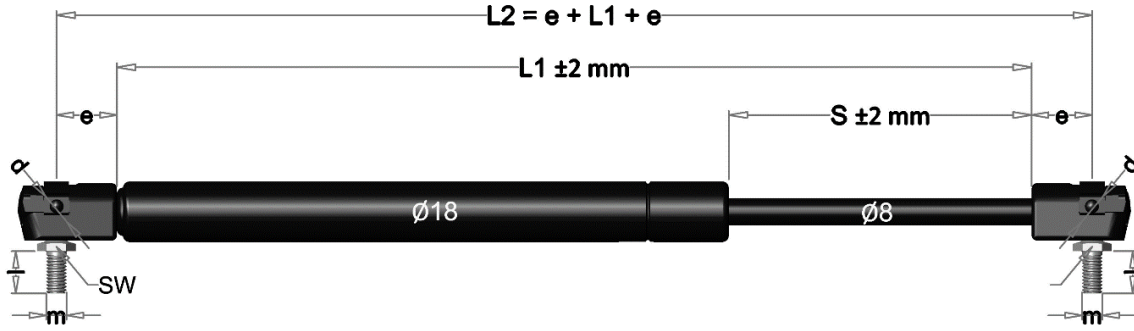
Code	Ball housing				Ball stud						
	d	e	Material	Colour	m	l	SW	Material	Surface		
<a href="#">PBJ210186M.158A</a>	10	18	PA66 GF30	Black	M8	15	10	11SMnPb30	Zn/White		
<a href="#">PBJ210186M.158B</a>				Grey					Zn/Black		
<a href="#">PBJ210186MG.158A</a>				Black					Zn/White		
<a href="#">PBJ210186M.158.OA</a>				Black					Zn/Black		
<a href="#">PBJ210186M.158.OB</a>				Grey					Zn/White		
<a href="#">PBJ210186MG.158.OA</a>				Black					Zn/Black		
<a href="#">PBJ210186M.168.OA</a>				16,5		13	Black		Zn/White		
<a href="#">PBJ210186M.168.OB</a>							Black		Zn/Black		
<a href="#">PBJ210186MG.168.OA</a>							Grey		Zn/White		
<a href="#">PBJ210186M.208.OA</a>							20		13	Black	Zn/White
<a href="#">PBJ210186M.208.OB</a>										Black	Zn/Black
<a href="#">PBJ210186MG.208.OA</a>										Grey	Zn/White



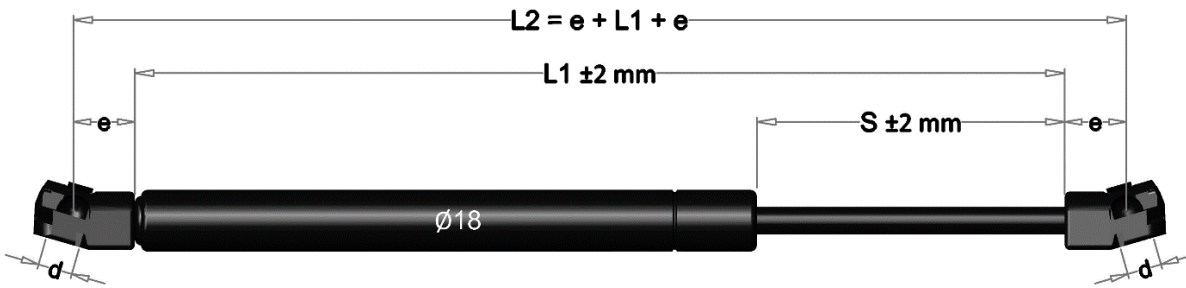
Code	d	e	Material	Colour	Thread
<a href="#">PL410186M</a>	10	18	PA66 GF30	Black	Metal



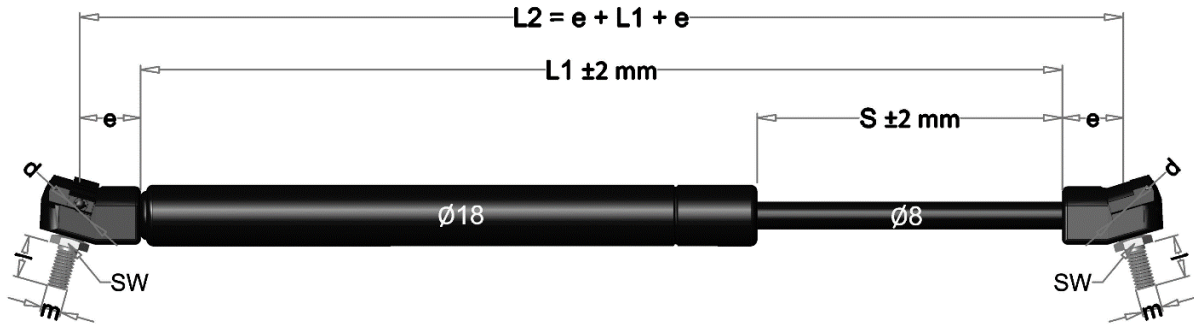
Code	Ball housing				Ball stud				
	d	e	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ410186M.116A</a>	10	18	PA66 GF30	Black	M6	11	10	11SMnPb30	Zn/White
<a href="#">PBJ410186M.116B</a>									Zn/Black
<a href="#">PBJ410186M.126A</a>						12,5	10		Zn/White
<a href="#">PBJ410186M.126B</a>									Zn/Black



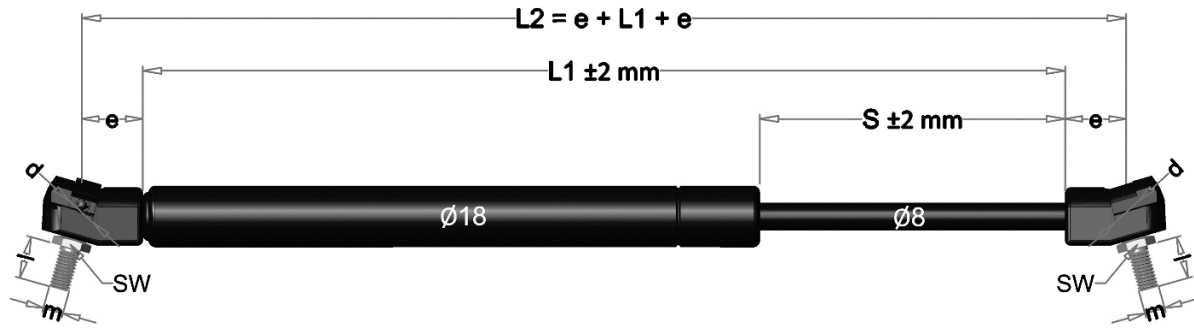
Code	Ball housing				Ball stud				
	d	e	Material	Colour	m	l	SW	Material	Surface
<i>PBJ410186M.156A</i>	10	18	PA66 GF30	Black	M6	15	10	11SMnPb30	Zn/White
<i>PBJ410186M.156B</i>									Zn/Black
<i>PBJ410186M.206A</i>									Zn/White
<i>PBJ410186M.206B</i>									Zn/Black
<i>PBJ410186M.286A</i>									Zn/White
<i>PBJ410186M.286B</i>									Zn/Black
<i>PBJ410186M.680B</i>	10	18	PA66 GF30	Black	M8	6	13	11SMnPb30	Zn/Black
<i>PBJ410186M.880B</i>									Zn/Black
<i>PBJ410186M.118A</i>									Zn/White
<i>PBJ410186M.118B</i>									Zn/Black
<i>PBJ410186M.118.0A</i>									Zn/White
<i>PBJ410186M.118.0B</i>									Zn/Black
<i>PBJ410186M.128A</i>									Zn/White
<i>PBJ410186M.128B</i>									Zn/Black
<i>PBJ410186M.138.0A</i>									Zn/White
<i>PBJ410186M.138.0B</i>									Zn/Black
<i>PBJ410186M.158A</i>									Zn/White
<i>PBJ410186M.158B</i>									Zn/Black
<i>PBJ410186M.158.0A</i>	Zn/White								
<i>PBJ410186M.158.0B</i>	Zn/Black								
<i>PBJ410186M.168.0A</i>	Zn/White								
<i>PBJ410186M.168.0B</i>	Zn/Black								
<i>PBJ410186M.208.0A</i>	Zn/White								
<i>PBJ410186M.208.0B</i>	Zn/Black								



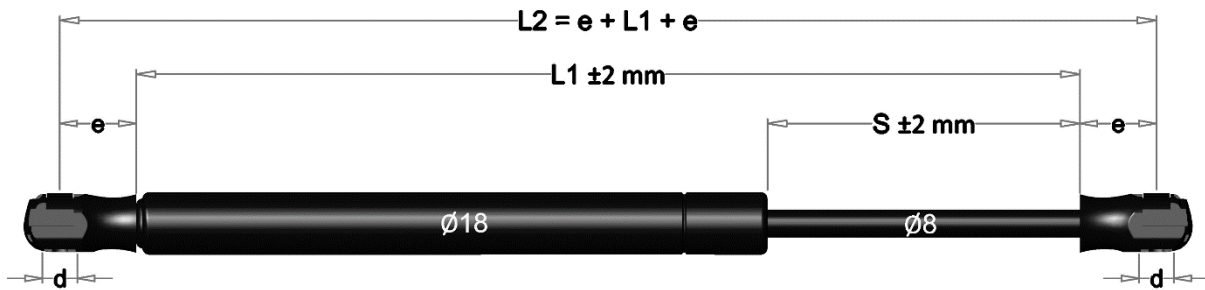
Code	d	e	Angle	Material	Colour	Thread
<i>PL510186M.A10</i>	10	18	10°	PA66 GF30	Black	Metal
<i>PL510186M.A16</i>			16°			



Code	Ball housing					Ball stud				
	d	e	Angle	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ510186M.A10.116A</a>	10	18	10°	PA66 GF30	Black	M6			11SMnPb30	Zn/White
<a href="#">PBJ510186M.A10.116B</a>										Zn/Black
<a href="#">PBJ510186M.A10.126A</a>										Zn/Black
<a href="#">PBJ510186M.A10.126B</a>										Zn/White
<a href="#">PBJ510186M.A10.156A</a>										Zn/Black
<a href="#">PBJ510186M.A10.156B</a>										Zn/White
<a href="#">PBJ510186M.A10.206A</a>										Zn/Black
<a href="#">PBJ510186M.A10.206B</a>										Zn/White
<a href="#">PBJ510186M.A10.286A</a>										Zn/Black
<a href="#">PBJ510186M.A10.286B</a>										Zn/White
<a href="#">PBJ510186M.A10.680B</a>	10	18	10°	PA66 GF30	Black	M8			11SMnPb30	Zn/Black
<a href="#">PBJ510186M.A10.880B</a>										Zn/Black
<a href="#">PBJ510186M.A10.118A</a>										Zn/White
<a href="#">PBJ510186M.A10.118B</a>										Zn/Black
<a href="#">PBJ510186M.A10.118.0A</a>										Zn/White
<a href="#">PBJ510186M.A10.118.0B</a>										Zn/Black
<a href="#">PBJ510186M.A10.128A</a>										Zn/White
<a href="#">PBJ510186M.A10.128B</a>										Zn/Black
<a href="#">PBJ510186M.A10.138.0A</a>										Zn/White
<a href="#">PBJ510186M.A10.138.0B</a>										Zn/Black
<a href="#">PBJ510186M.A10.158A</a>	Zn/White									
<a href="#">PBJ510186M.A10.158B</a>	Zn/Black									
<a href="#">PBJ510186M.A10.158.0A</a>	Zn/White									
<a href="#">PBJ510186M.A10.158.0B</a>	Zn/Black									
<a href="#">PBJ510186M.A10.168.0A</a>	Zn/White									
<a href="#">PBJ510186M.A10.168.0B</a>	Zn/Black									
<a href="#">PBJ510186M.A10.208.0A</a>	Zn/White									
<a href="#">PBJ510186M.A10.208.0B</a>	Zn/Black									

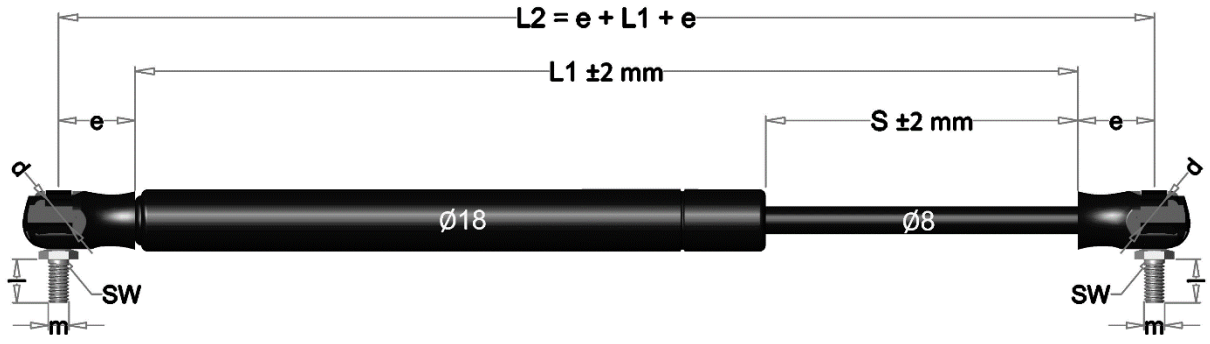


Code	Ball housing					Ball stud				
	d	e	Angle	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ510186M.A16.116A</a>	10	18	16°	PA66 GF30	Black	M6		10	11SMnPb30	Zn/White
<a href="#">PBJ510186M.A16.116B</a>										Zn/Black
<a href="#">PBJ510186M.A16.126A</a>										Zn/Black
<a href="#">PBJ510186M.A16.126B</a>										Zn/White
<a href="#">PBJ510186M.A16.156A</a>										Zn/Black
<a href="#">PBJ510186M.A16.156B</a>										Zn/White
<a href="#">PBJ510186M.A16.206A</a>										Zn/Black
<a href="#">PBJ510186M.A16.206B</a>										Zn/White
<a href="#">PBJ510186M.A16.286A</a>										Zn/Black
<a href="#">PBJ510186M.A16.286B</a>										Zn/White
<a href="#">PBJ510186M.A16.680B</a>	10	18	16°	PA66 GF30	Black	M8		13	11SMnPb30	Zn/Black
<a href="#">PBJ510186M.A16.880B</a>										Zn/Black
<a href="#">PBJ510186M.A16.118A</a>										Zn/White
<a href="#">PBJ510186M.A16.118B</a>										Zn/Black
<a href="#">PBJ510186M.A16.118.0A</a>										Zn/White
<a href="#">PBJ510186M.A16.118.0B</a>										Zn/Black
<a href="#">PBJ510186M.A16.128A</a>										Zn/White
<a href="#">PBJ510186M.A16.128B</a>										Zn/Black
<a href="#">PBJ510186M.A16.138.0A</a>										Zn/White
<a href="#">PBJ510186M.A16.138.0B</a>										Zn/Black
<a href="#">PBJ510186M.A16.158A</a>	Zn/White									
<a href="#">PBJ510186M.A16.158B</a>	Zn/Black									
<a href="#">PBJ510186M.A16.158.0A</a>	Zn/White									
<a href="#">PBJ510186M.A16.158.0B</a>	Zn/Black									
<a href="#">PBJ510186M.A16.168.0A</a>	Zn/White									
<a href="#">PBJ510186M.A16.168.0B</a>	Zn/Black									
<a href="#">PBJ510186M.A16.208.0A</a>	Zn/White									
<a href="#">PBJ510186M.A16.208.0B</a>	Zn/Black									



Code	d	e	Material	Colour	Thread
<a href="#">PL610226M</a>	10	18	PA66 GF30	Black	Metal



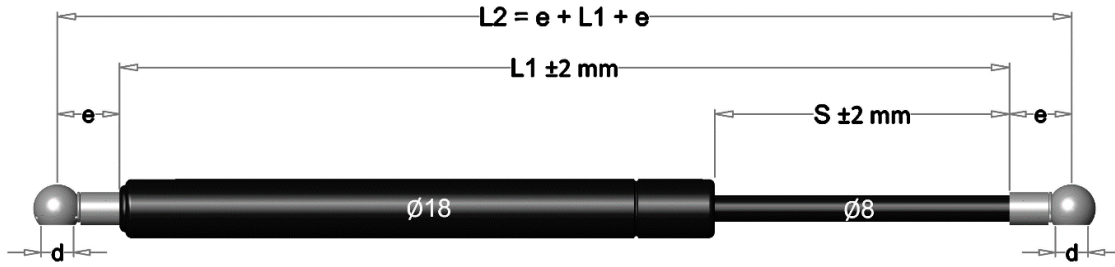


Code	Ball housing				Ball stud						
	d	e	Material	Colour	m	l	SW	Material	Surface		
<a href="#">PBJ610226M.116A</a>	10	18	PA66 GF30	Black	M6	11	10	11SMnPb30	Zn/White		
<a href="#">PBJ610226M.116B</a>									Zn/Black		
<a href="#">PBJ610226M.126A</a>									12,5	Zn/White	
<a href="#">PBJ610226M.126B</a>										Zn/Black	
<a href="#">PBJ610226M.156A</a>									15	Zn/White	
<a href="#">PBJ610226M.156B</a>										Zn/Black	
<a href="#">PBJ610226M.206A</a>										20	Zn/White
<a href="#">PBJ610226M.206B</a>											Zn/Black
<a href="#">PBJ610226M.286A</a>									28	Zn/White	
<a href="#">PBJ610226M.286B</a>										Zn/Black	
<a href="#">PBJ610226M.680B</a>	10	18	PA66 GF30	Black	M8	13	11SMnPb30	Zn/Black			
<a href="#">PBJ610226M.880B</a>								Zn/Black			
<a href="#">PBJ610226M.118A</a>								11	Zn/White		
<a href="#">PBJ610226M.118B</a>									Zn/Black		
<a href="#">PBJ610226M.118.0A</a>								11	Zn/White		
<a href="#">PBJ610226M.118.0B</a>									Zn/Black		
<a href="#">PBJ610226M.128A</a>								12,5	Zn/White		
<a href="#">PBJ610226M.128B</a>									Zn/Black		
<a href="#">PBJ610226M.138.0A</a>								13	Zn/White		
<a href="#">PBJ610226M.138.0B</a>									Zn/Black		
<a href="#">PBJ610226M.158A</a>	15	Zn/White									
<a href="#">PBJ610226M.158B</a>		Zn/Black									
<a href="#">PBJ610226M.158.0A</a>	15	Zn/White									
<a href="#">PBJ610226M.158.0B</a>		Zn/Black									
<a href="#">PBJ610226M.168.0A</a>	16,5	Zn/White									
<a href="#">PBJ610226M.168.0B</a>		Zn/Black									
<a href="#">PBJ610226M.208.0A</a>	20	Zn/White									
<a href="#">PBJ610226M.208.0B</a>		Zn/Black									

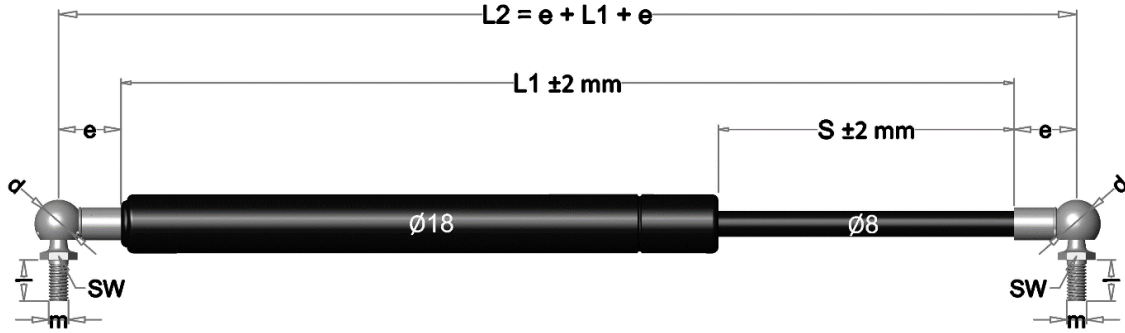
4/12 M4-M4  
6/15 M6-M6  
8/18 M6-M6  
8/18 M8-M8  
10/21 M8-M8  
10/27 M8-M8  
14/27 M8-M8  
14/27 M10-M10

ADAPTERS

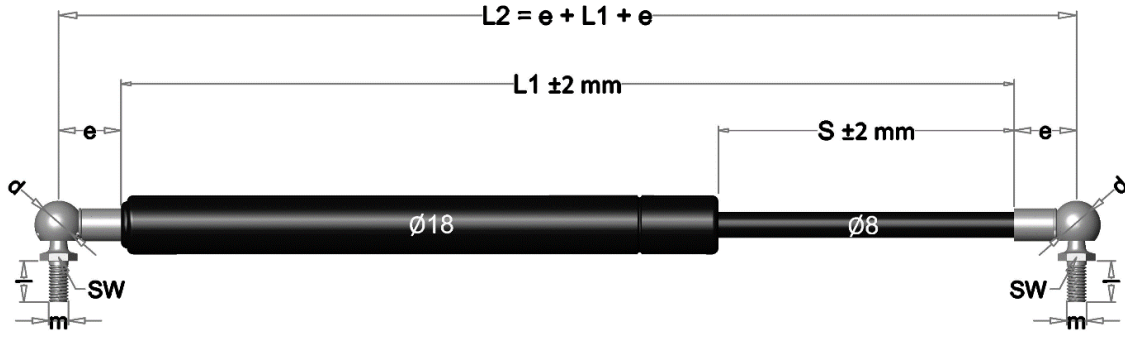
TUBES AND DUST PROTECTION



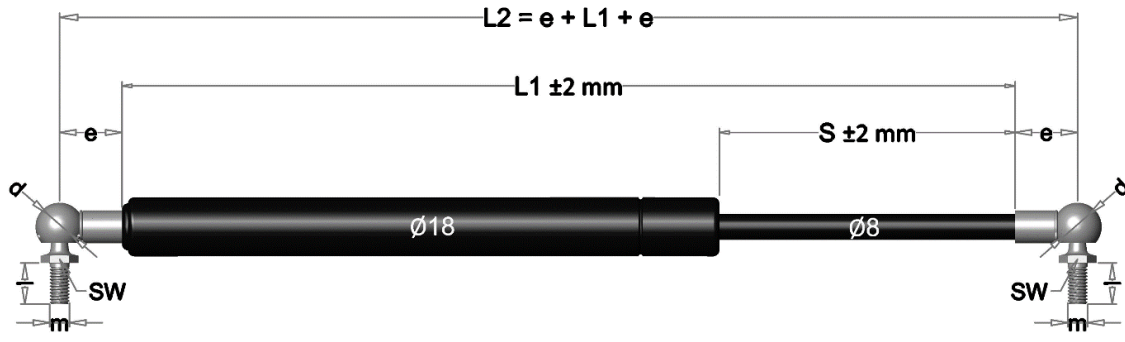
Code	d	e	Material	Surface
<a href="#">BH110186A</a>	10	18	11SMnPb30	Zn/White
<a href="#">BH110186B</a>				Zn/Black
<a href="#">BH110216B</a>	10	21	11SMnPb30	Zn/Black
<a href="#">BH110256A</a>				Zn/White
<a href="#">BH110256B</a>	10	25	11SMnPb30	Zn/Black
<a href="#">BH110306B</a>				Zn/Black
<a href="#">BH110406A</a>	10	40	11SMnPb30	Zn/White
<a href="#">BH110406B</a>				Zn/Black



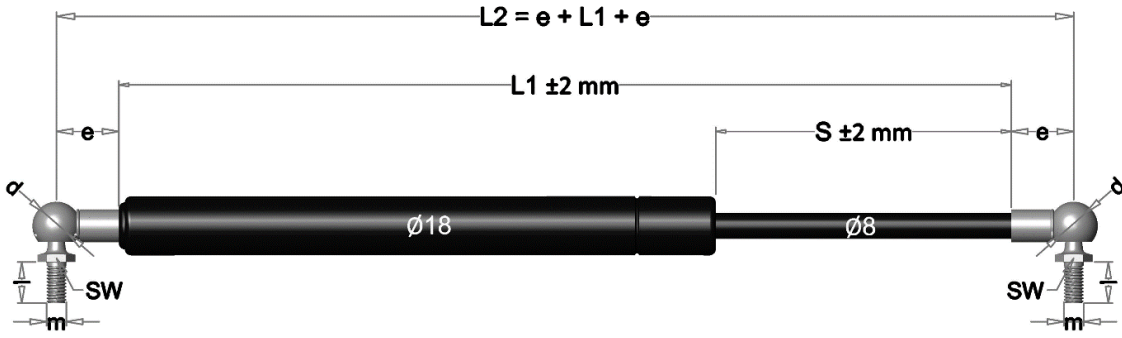
Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ110186.116A</a>	10	18	M6	11	10	11SMnPb30	Zn/White
<a href="#">BJ110186.116B</a>							Zn/Black
<a href="#">BJ110216.116B</a>		21					Zn/Black
<a href="#">BJ110256.116A</a>							Zn/White
<a href="#">BJ110256.116B</a>		25					Zn/Black
<a href="#">BJ110306.116B</a>							Zn/Black
<a href="#">BJ110406.116A</a>		40					Zn/White
<a href="#">BJ110406.116B</a>							Zn/Black
<a href="#">BJ110186.126A</a>	10	18	M6	12,5	10	11SMnPb30	Zn/White
<a href="#">BJ110186.126B</a>							Zn/Black
<a href="#">BJ110216.126B</a>		21					Zn/Black
<a href="#">BJ110256.126A</a>							Zn/White
<a href="#">BJ110256.126B</a>		25					Zn/Black
<a href="#">BJ110306.126B</a>							Zn/Black
<a href="#">BJ110406.126A</a>		40					Zn/White
<a href="#">BJ110406.126B</a>							Zn/Black



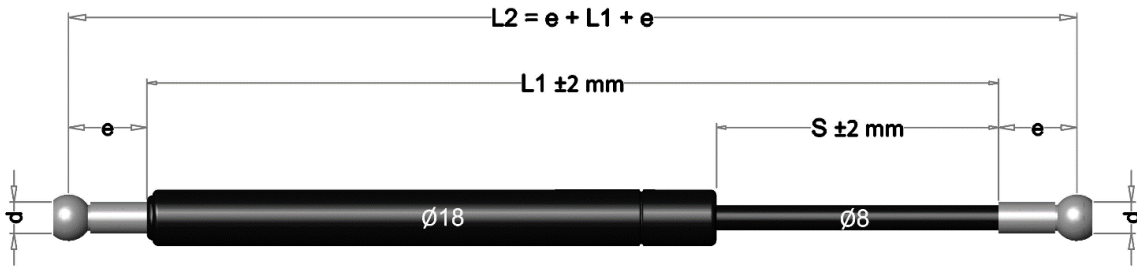
Code	Ball housing		Ball stud			Material	Surface					
	d	e	m	l	SW							
<a href="#">BJ110186.156A</a>	10	18	M6	15	10	11SMnPb30	Zn/White					
<a href="#">BJ110186.156B</a>		18					Zn/Black					
<a href="#">BJ110216.156B</a>		21					Zn/Black					
<a href="#">BJ110256.156A</a>		25					Zn/White					
<a href="#">BJ110256.156B</a>		25					Zn/Black					
<a href="#">BJ110306.156B</a>		30					Zn/Black					
<a href="#">BJ110406.156A</a>		40					Zn/White					
<a href="#">BJ110406.156B</a>		40					Zn/Black					
<a href="#">BJ110186.206A</a>		10					18	M6	20	10	11SMnPb30	Zn/White
<a href="#">BJ110186.206B</a>							18					Zn/Black
<a href="#">BJ110216.206B</a>	21		Zn/Black									
<a href="#">BJ110256.206A</a>	25		Zn/White									
<a href="#">BJ110256.206B</a>	25		Zn/Black									
<a href="#">BJ110306.206B</a>	30		Zn/Black									
<a href="#">BJ110406.206A</a>	10	40	M6	20	10	11SMnPb30	Zn/White					
<a href="#">BJ110406.206B</a>		40					Zn/Black					
<a href="#">BJ110186.286A</a>		10					18	M6	28	10	11SMnPb30	Zn/White
<a href="#">BJ110186.286B</a>							18					Zn/Black
<a href="#">BJ110216.286B</a>	21		Zn/Black									
<a href="#">BJ110256.286A</a>	25		Zn/White									
<a href="#">BJ110256.286B</a>	25		Zn/Black									
<a href="#">BJ110306.286B</a>	30		Zn/Black									
<a href="#">BJ110406.286A</a>	10	40	M6	28	10	11SMnPb30	Zn/White					
<a href="#">BJ110406.286B</a>		40					Zn/Black					
<a href="#">BJ110186.68.0B</a>	10	18	M8	6	13	11SMnPb30	Zn/Black					
<a href="#">BJ110216.68.0B</a>		21										
<a href="#">BJ110256.68.0B</a>		25										
<a href="#">BJ110306.88.0B</a>		30										
<a href="#">BJ110406.68.0B</a>		40										
<a href="#">BJ110186.88.0B</a>	10	18	M8	8	13	11SMnPb30	Zn/Black					
<a href="#">BJ110216.88.0B</a>		21										
<a href="#">BJ110256.88.0B</a>		25										
<a href="#">BJ110306.88.0B</a>		30										
<a href="#">BJ110406.88.0B</a>		40										
<a href="#">BJ110186.118A</a>	10	18	M8	11	10	11SMnPb30	Zn/White					
<a href="#">BJ110186.118B</a>		18					Zn/Black					
<a href="#">BJ110216.118B</a>		21					Zn/Black					
<a href="#">BJ110256.118A</a>		25					Zn/White					
<a href="#">BJ110256.118B</a>		25					Zn/Black					
<a href="#">BJ110306.118B</a>		30					Zn/Black					
<a href="#">BJ110406.118A</a>		10					40	M8	11	10	11SMnPb30	Zn/White
<a href="#">BJ110406.118B</a>							40					Zn/Black



Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ110186.118.OA</a>	10	18	M8	11	13	11SMnPb30	Zn/White
<a href="#">BJ110186.118.OB</a>		Zn/Black					
<a href="#">BJ110216.118.OB</a>		21					Zn/Black
<a href="#">BJ110256.118.OA</a>		25					Zn/White
<a href="#">BJ110256.118.OB</a>		Zn/Black					
<a href="#">BJ110306.118.OB</a>		30					Zn/Black
<a href="#">BJ110406.118.OA</a>		40					Zn/White
<a href="#">BJ110406.118.OB</a>		Zn/Black					
<a href="#">BJ110186.128A</a>	10	18	M8	12,5	10	11SMnPb30	Zn/White
<a href="#">BJ110186.128B</a>		Zn/Black					
<a href="#">BJ110216.128B</a>		21					Zn/Black
<a href="#">BJ110256.128A</a>		25					Zn/White
<a href="#">BJ110256.128B</a>		Zn/Black					
<a href="#">BJ110306.128B</a>		30					Zn/Black
<a href="#">BJ110406.128A</a>		40					Zn/White
<a href="#">BJ110406.128B</a>		Zn/Black					
<a href="#">BJ110186.138.OA</a>	10	18	M8	13	13	11SMnPb30	Zn/White
<a href="#">BJ110186.138.OB</a>		Zn/Black					
<a href="#">BJ110216.138.OB</a>		21					Zn/Black
<a href="#">BJ110256.138.OA</a>		25					Zn/White
<a href="#">BJ110256.138.OB</a>		Zn/Black					
<a href="#">BJ110306.138.OB</a>		30					Zn/Black
<a href="#">BJ110406.138.OA</a>		40					Zn/White
<a href="#">BJ110406.138.OB</a>		Zn/Black					
<a href="#">BJ110186.158A</a>	10	18	M8	15	10	11SMnPb30	Zn/White
<a href="#">BJ110186.158B</a>		Zn/Black					
<a href="#">BJ110216.158B</a>		21					Zn/Black
<a href="#">BJ110256.158A</a>		25					Zn/White
<a href="#">BJ110256.158B</a>		Zn/Black					
<a href="#">BJ110306.158B</a>		30					Zn/Black
<a href="#">BJ110406.158A</a>		40					Zn/White
<a href="#">BJ110406.158B</a>		Zn/Black					
<a href="#">BJ110186.158.OA</a>	10	18	M8	15	13	11SMnPb30	Zn/White
<a href="#">BJ110186.158.OB</a>		Zn/Black					
<a href="#">BJ110216.158.OB</a>		21					Zn/Black
<a href="#">BJ110256.158.OA</a>		25					Zn/White
<a href="#">BJ110256.158.OB</a>		Zn/Black					
<a href="#">BJ110306.158.OB</a>		30					Zn/Black
<a href="#">BJ110406.158.OA</a>		40					Zn/White
<a href="#">BJ110406.158.OB</a>		Zn/Black					



Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ110186.168.OA</a>	10	18	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">BJ110186.168.OB</a>		21					Zn/Black
<a href="#">BJ110216.168.OB</a>		25					Zn/Black
<a href="#">BJ110256.158.OA</a>		30					Zn/White
<a href="#">BJ110256.158.OB</a>		40					Zn/Black
<a href="#">BJ110306.158.OB</a>							
<a href="#">BJ110406.168.OA</a>	10	18	M8	20	13	11SMnPb30	Zn/White
<a href="#">BJ110186.208.OB</a>		21					Zn/White
<a href="#">BJ110216.208.OB</a>		25					Zn/Black
<a href="#">BJ110256.208.OA</a>		30					Zn/White
<a href="#">BJ110256.208.OB</a>		40					Zn/Black
<a href="#">BJ110306.208.OB</a>							
<a href="#">BJ110406.208.OA</a>						Zn/White	
<a href="#">BJ110406.208.OB</a>						Zn/Black	



Code	d	e	Material	Surface
<a href="#">BH410306A</a>	10	30	11SMnPb30	Zn/White

4/12  
M4-M4

6/15  
M6-M6

8/18  
M6-M6

8/18  
M8-M8

10/21  
M8-M8

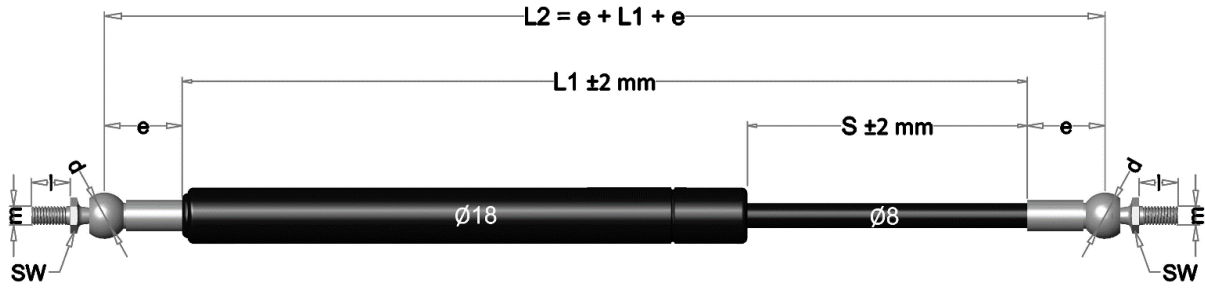
10/27  
M8-M8

14/27  
M8-M8

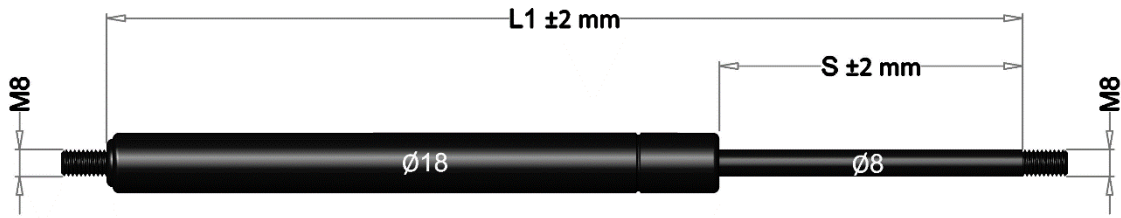
14/27  
M10-M10

ADAPTERS

TUBES AND DUST  
PROTECTION










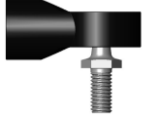






Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ410306.116A</a>	10	30	M6	11	10	11SMnPb30	Zn/White
<a href="#">BJ410306.126A</a>				12,5	10		
<a href="#">BJ410306.156A</a>				15	10		
<a href="#">BJ410306.206A</a>				20	10		
<a href="#">BJ410306.286A</a>				28	10		
<a href="#">BJ410306.118A</a>	10	30	M8	11	10	11SMnPb30	Zn/White
<a href="#">BJ410306.1180A</a>				11	10		
<a href="#">BJ410306.128A</a>				12,5	10		
<a href="#">BJ410306.1380A</a>				13	13		
<a href="#">BJ410306.158A</a>				15	10		
<a href="#">BJ410306.1580A</a>				15	13		
<a href="#">BJ410306.1680A</a>	16,5	13					
<a href="#">BJ410306.2080A</a>	20	13					



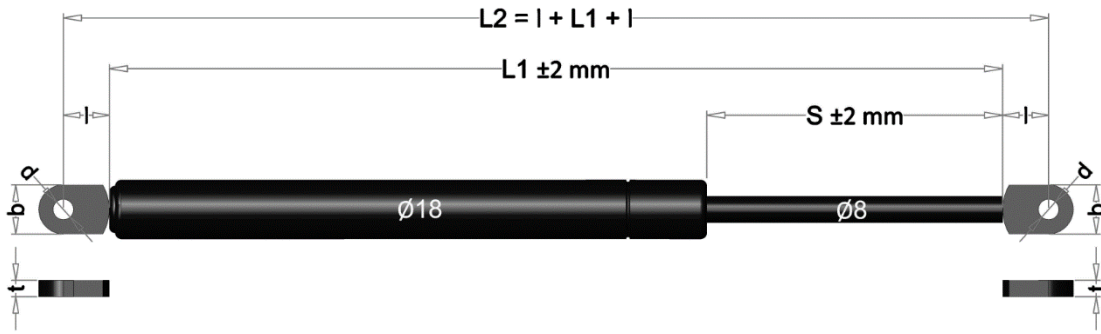
Stroke (S)	Length (L1)	Force (N)
20	75	50-600
30	95	50-600
40	115	50-600
50	135	50-600
60	155	50-650
70	175	50-650
80	195	50-700
90	215	50-700
100	235	50-700
120	275	50-650
140	315	50-650
150	335	50-650
175	385	50-600
200	435	50-600
225	485	50-550
250	535	50-500
275	585	50-500
300	635	50-450
350	735	50-400
400	835	50-400
425	885	50-400

Selection of end fittings for gas spring type G818 M8:

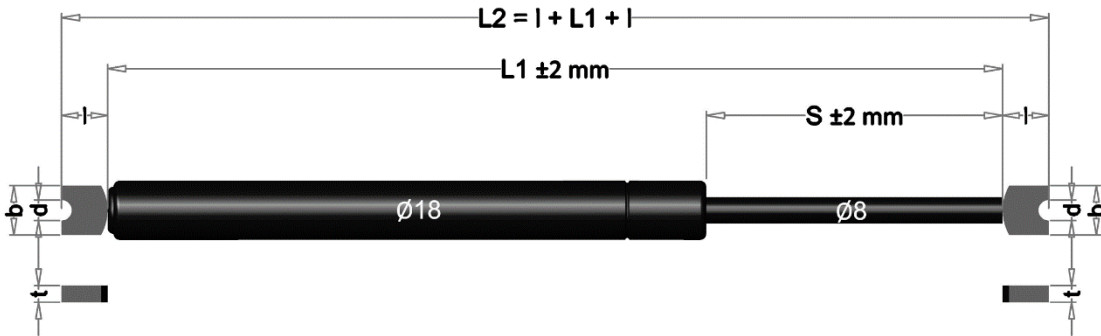
End fitting type	Tube side	Rod side	Page
 Welded eyelet type 1	✓	✓	<a href="#">Go to Page 40</a>
 Welded eyelet type 2	✓	✓	<a href="#">Go to Page 40</a>
 Welded eyelet type 3	✓	✓	<a href="#">Go to Page 40</a>
 Eyelet type EY1	✓	✓	<a href="#">Go to Page 41</a>
 Eyelet type EY6	✓	✓	<a href="#">Go to Page 41</a>
 Eyelet type EY2	✓	✓	<a href="#">Go to Page 41</a>

End fitting type	Tube side	Rod side	Page
 Eyelet type EY3	✓	✓	<a href="#">Go to Page 42</a>
 Clevis DIN71752	✓	✓	<a href="#">Go to Page 42</a>
 Clevis joint DIN71752	✓	✓	<a href="#">Go to Page 42</a>
 Plastic ball housing type PL1	✓	✓	<a href="#">Go to Page 43</a>
 Plastic ball joint type PBJ1	✓	✓	<a href="#">Go to Page 43</a>
 Plastic ball housing type PL4	✓	✓	<a href="#">Go to Page 43</a>
 Plastic ball joint type PBJ4	✓	✓	<a href="#">Go to Page 44</a>
 Angled plastic ball housing type PL5	✓	✓	<a href="#">Go to Page 44</a>
 Angled plastic ball joint type PBJ5	✓	✓	<a href="#">Go to Page 45</a>
 Plastic ball housing type PL6	✓	✓	<a href="#">Go to Page 46</a>
 Plastic ball joint type PBJ6	✓	✓	<a href="#">Go to Page 46</a>
 Ball housing DIN71805	✓	✓	<a href="#">Go to Page 47</a>
 Ball joint DIN71802	✓	✓	<a href="#">Go to Page 47</a>
 Angled ball housing DIN71805	✓	✓	<a href="#">Go to Page 50</a>
 Angled ball joint DIN71802	✓	✓	<a href="#">Go to Page 51</a>

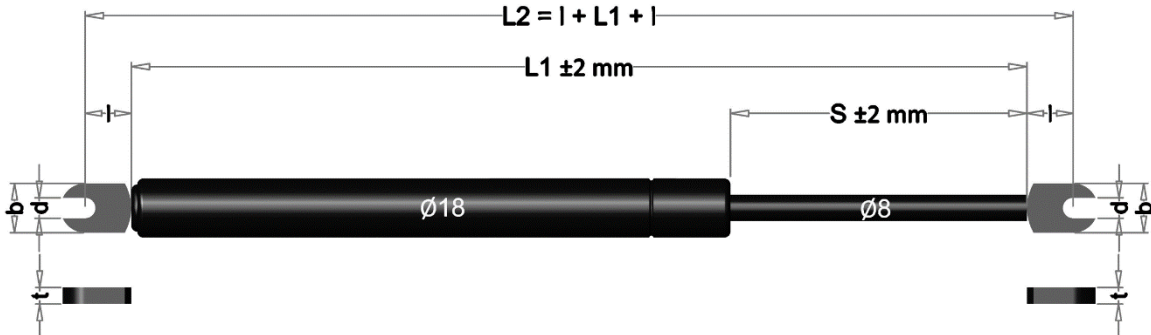




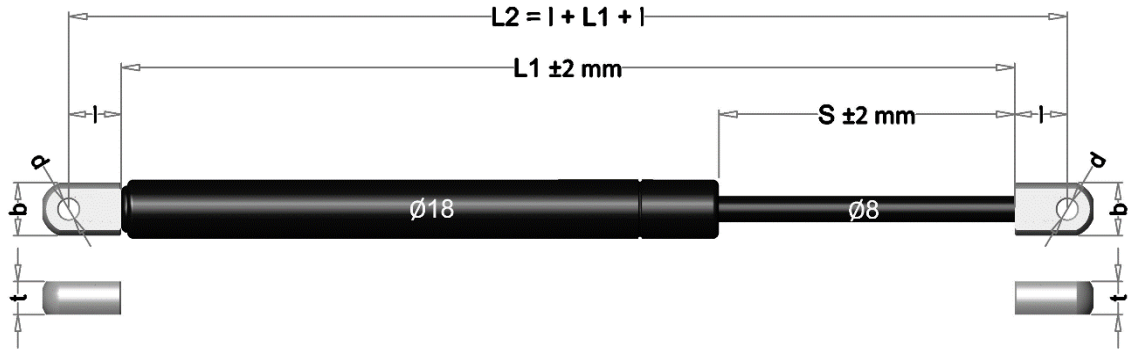
Code	d	l	b	t	Material	Surface
<a href="#">WEY1510.6T5B</a>	6,1	10	15	5	ST37	Black
<a href="#">WEY1514.6T5B</a>		14				
<a href="#">WEY1517.6T5B</a>		17				
<a href="#">WEY1521.6T5B</a>		21				
<a href="#">WEY1510.8T5B</a>	8,1	10	15	5	ST37	Black
<a href="#">WEY1514.8T5B</a>		14				
<a href="#">WEY1517.8T5B</a>		17				
<a href="#">WEY1520.8T5B</a>		20				



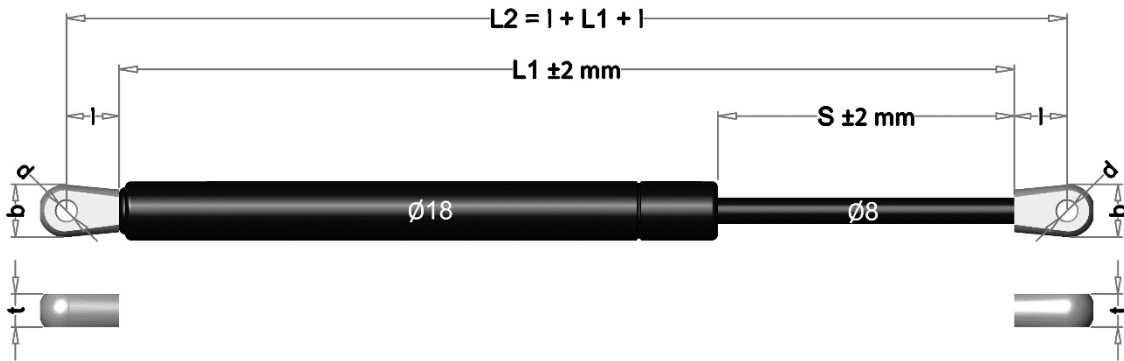
Code	d	l	b	t	Material	Surface
<a href="#">YWEY1517.8T5B</a>	8,1	17	15	5	ST37	Black



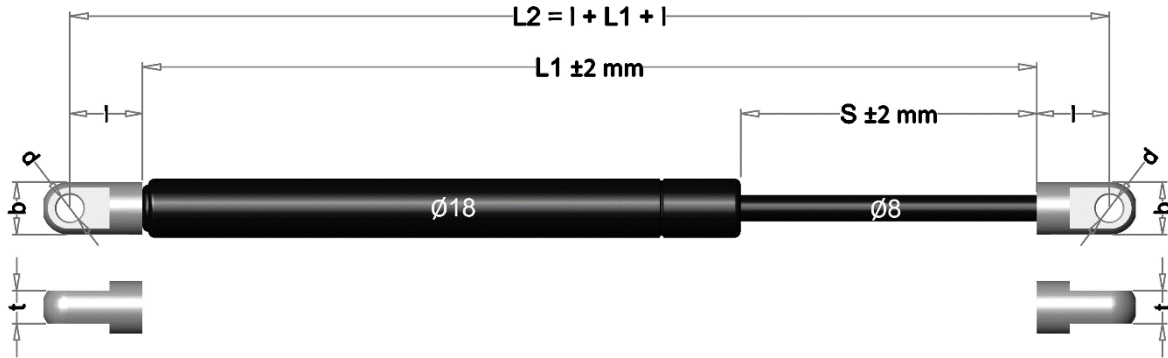
Code	d	l	b	t	Material	Surface
<a href="#">UWEY1514.8T5B</a>	8,1	14	15	5	ST37	Black



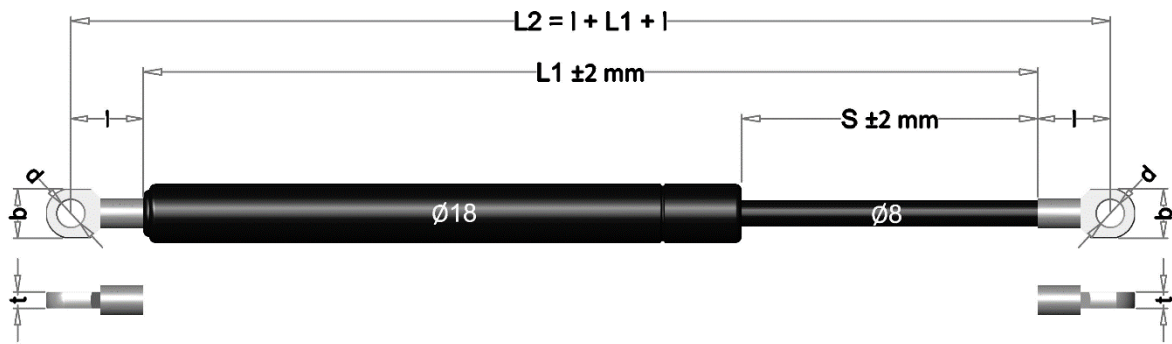
Code	d	l	b	t	Material	Surface
<a href="#">EY120188.8T10G</a>	8,1	18	20	10	2011 AL	-
<a href="#">EY120208.8T10G</a>		20				
<a href="#">EY120188.0T10G</a>	10,1	18	20	10	2011 AL	-
<a href="#">EY120208.0T10G</a>		20				
<a href="#">EY116168.8T10A</a>	8,1	16	16	10	11SMnPb30	Zn/White
<a href="#">EY116188.8T10A</a>		18		10		
<a href="#">EY116188.8T12A</a>		18		12		
<a href="#">EY116208.8T10A</a>		20		10		
<a href="#">EY116208.8T12A</a>		20		12		
<a href="#">EY116168.0T10A</a>	10,1	16	16	10	11SMnPb30	Zn/White
<a href="#">EY116188.0T10A</a>		18		10		
<a href="#">EY116208.0T10A</a>		20		10		
<a href="#">EY116208.0T12A</a>		20		12		
<a href="#">EY120298.0T12A</a>		29		20		



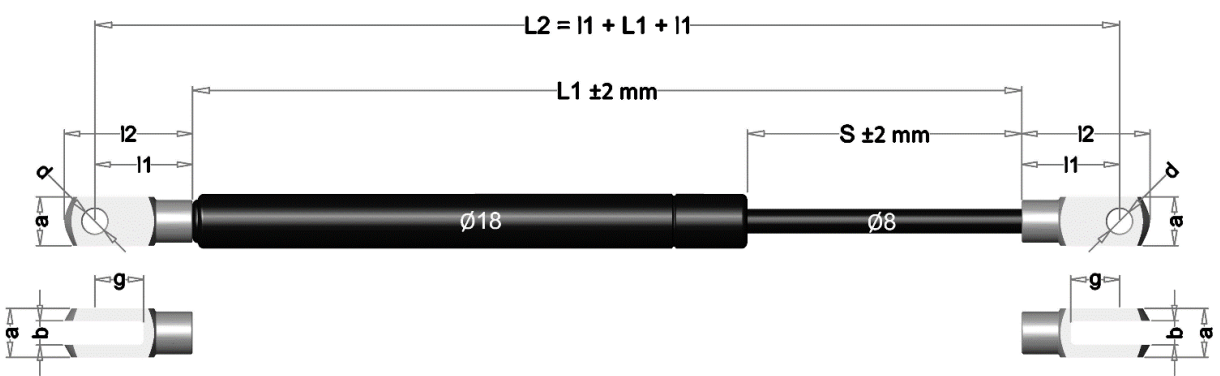
Code	d	l	b	t	Material	Surface
<a href="#">EY618188.8T10G</a>	8,1	18	18	10	2011 AL	-
<a href="#">EY618188.0T10G</a>	10,1					



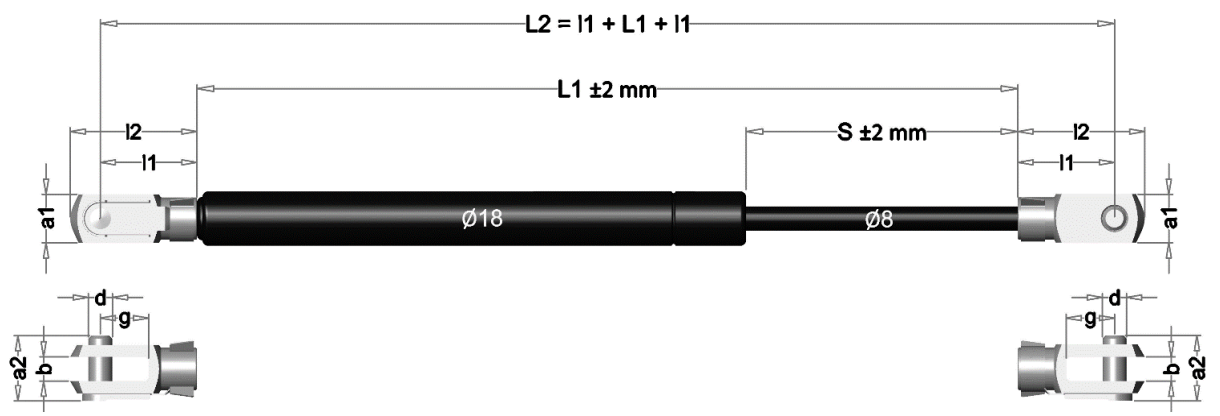
Code	d	l	b	t	Material	Surface
<a href="#">EY216208.8T10G</a>	8,1	20	16	10	2011 AL	-
<a href="#">EY215248.8T8A</a>		24	8		11SMnPb30	Zn/White
<a href="#">EY215288.8T85A</a>		28	8,5			
<a href="#">EY220248.0T9A</a>	10,1	24	9		11SMnPb30	Zn/White
<a href="#">EY220358.0T10A</a>		35	10			



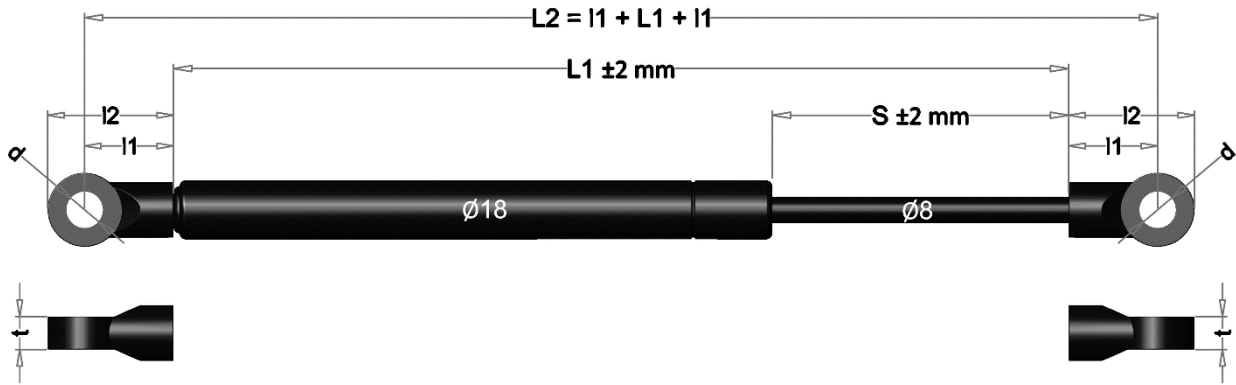
Code	d	l	b	t	Material	Surface
EY315288.6T5A	8,1	28	15	5	11SMnPb30	Zn/White
EY315228.8T5A		22	15	5		
EY315238.8T5A		23	15	5		
EY315288.8T5A		28	15	5		
EY316288.8T5A		28	16	5		
EY315288.8T8A		28	15	8		
EY318288.0T5A	10,1	28	18	5	11SMnPb30	Zn/White
EY315288.0T8A		28	15	8		



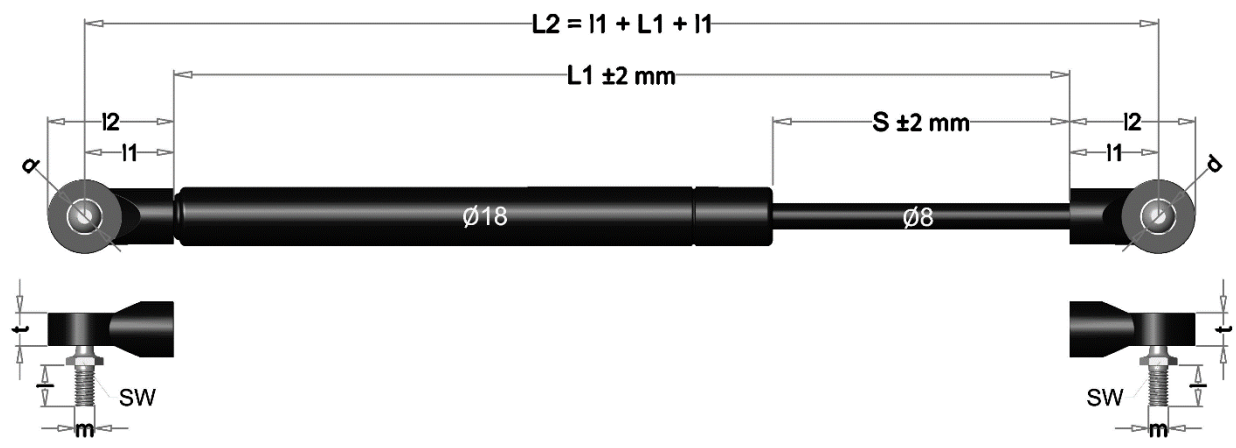
Code	d	g	l1	l2	a	b	Material	Surface
CV107A	8,1	16	32	42	16	8	11SMnPb30	Zn/White
CV108A		32	48	58				
CV109.M8A	10,1	20	40	52	20	10	11SMnPb30	Zn/White



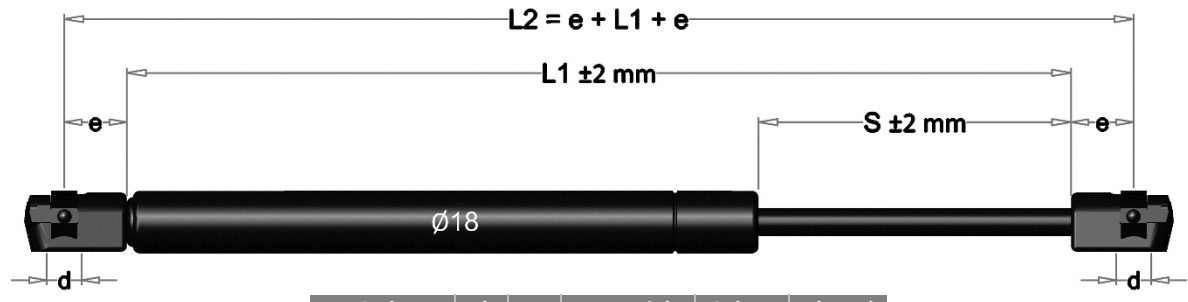
Code	d	g	l1	l2	a1	a2	b	Material	Surface
CC107A	8	16	32	42	16	21,5	8	11SMnPb30 + CK67	Zn/White
CC108A		32	48	58					
CC109.M8A	10	20	40	52	20	26	10	11SMnPb30 + CK67	Zn/White



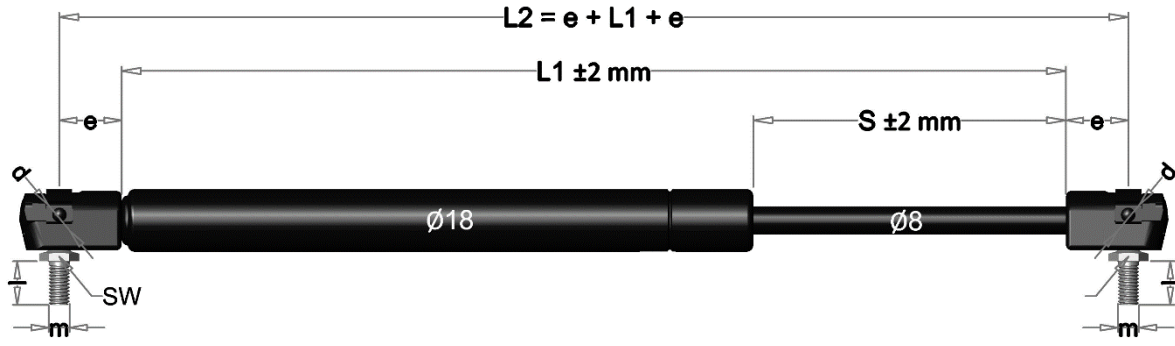
Code	d	l1	l2	t	Material	Colour	Thread
<a href="#">PL111278M</a>	11	27	38	10	PA66 GF30	Black	Metal



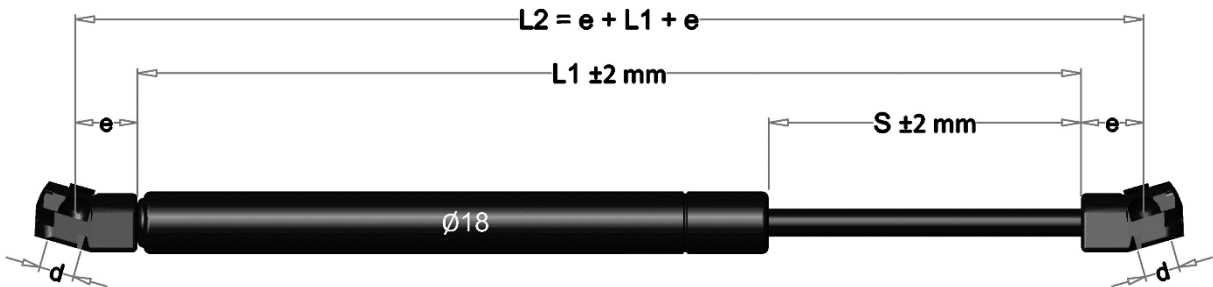
Code	Ball housing						Ball stud				
	d	l1	l2	t	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ111278M.228.2A</a>	11	27	38	10	PA66 GF30	Black	M8	22	13	11SMnPb30	Zn/White
<a href="#">PBJ111278M.228.2B</a>											Zn/Black



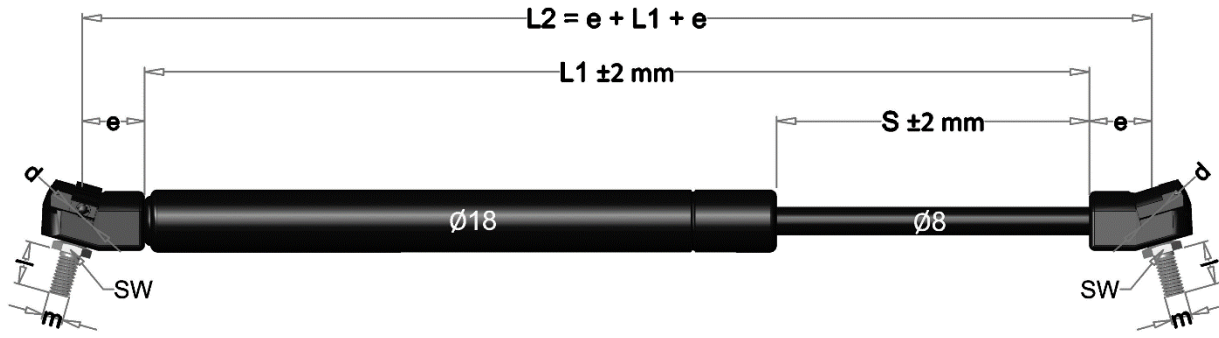
Code	d	e	Material	Colour	Thread
<a href="#">PL410188M</a>	10	18	PA66 GF30	Black	Metal



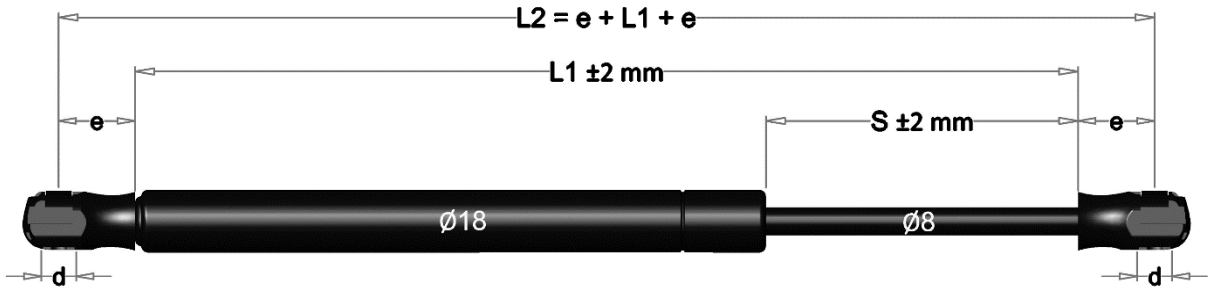
Code	Ball housing				Ball stud				
	d	e	Material	Colour	m	l	SW	Material	Surface
<i>PBJ410188M.68.0B</i>	10	18	PA66 GF30	Black	M8	6	13	11SMnPb30	Zn/Black
<i>PBJ410188M.88.0A</i>						8	13		Zn/White
<i>PBJ410188M.88.0B</i>						8	13		Zn/Black
<i>PBJ410188M.118A</i>						11	10		Zn/White
<i>PBJ410188M.118B</i>						11	10		Zn/Black
<i>PBJ410188M.118.0A</i>						11	13		Zn/White
<i>PBJ410188M.118.0B</i>						11	13		Zn/Black
<i>PBJ410188M.128A</i>						12,5	10		Zn/White
<i>PBJ410188M.128B</i>						12,5	10		Zn/Black
<i>PBJ410188M.138.0A</i>						13	13		Zn/White
<i>PBJ410188M.138.0B</i>						13	13		Zn/Black
<i>PBJ410188M.158A</i>						15	10		Zn/White
<i>PBJ410188M.158B</i>						15	10		Zn/Black
<i>PBJ410188M.158.0A</i>						15	13		Zn/White
<i>PBJ410188M.158.0B</i>						15	13		Zn/Black
<i>PBJ410188M.168.0A</i>						16,5	13		Zn/White
<i>PBJ410188M.168.0B</i>						16,5	13		Zn/Black
<i>PBJ410188M.208.0A</i>						20	13		Zn/White
<i>PBJ410188M.208.0B</i>	20	13	Zn/Black						
<i>PBJ410188M.250.0A</i>	10	18	PA66 GF30	Black	M10	25	13	11SMnPb30	Zn/White
<i>PBJ410188M.250.0B</i>									Zn/Black



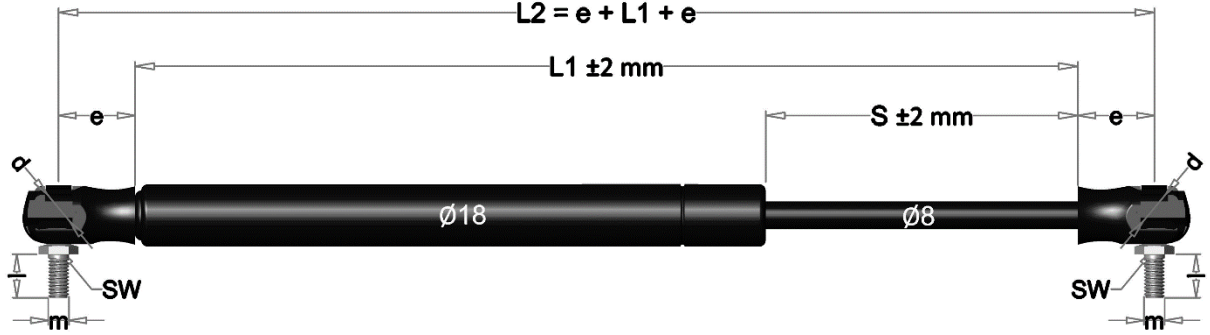
Code	d	e	Angle	Material	Colour	Thread
<i>PL510188M.A10</i>	10	18	10°	PA66 GF30	Black	Metal
<i>PL510188M.A16</i>			16°			



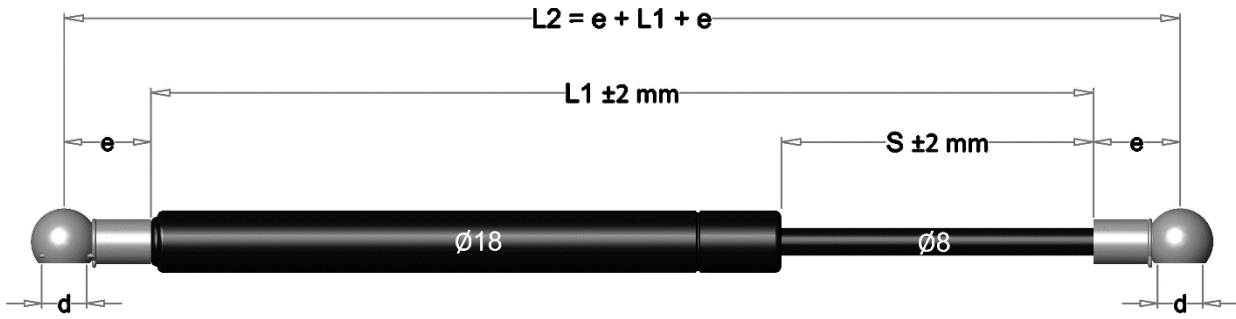
Code	Ball housing					Ball stud				
	d	e	Angle	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ510188M.A10.68.0B</a>	10	18	10°	PA66 GF30	Black	M8	6	13	11SMnPb30	Zn/Black
<a href="#">PBJ510188M.A10.88.0A</a>							8	13		Zn/White
<a href="#">PBJ510188M.A10.88.0B</a>							11	10		Zn/Black
<a href="#">PBJ510188M.A10.118A</a>							11	10		Zn/White
<a href="#">PBJ510188M.A10.118B</a>							11	13		Zn/Black
<a href="#">PBJ510188M.A10.118.0A</a>							12,5	10		Zn/White
<a href="#">PBJ510188M.A10.118.0B</a>							13	13		Zn/Black
<a href="#">PBJ510188M.A10.128A</a>							15	10		Zn/White
<a href="#">PBJ510188M.A10.128B</a>							15	13		Zn/Black
<a href="#">PBJ510188M.A10.138.0A</a>							15	13		Zn/White
<a href="#">PBJ510188M.A10.138.0B</a>							16,5	13		Zn/Black
<a href="#">PBJ510188M.A10.158A</a>							20	13		Zn/White
<a href="#">PBJ510188M.A10.158B</a>							20	13		Zn/Black
<a href="#">PBJ510188M.A10.158.0A</a>							20	13		Zn/White
<a href="#">PBJ510188M.A10.158.0B</a>							20	13		Zn/Black
<a href="#">PBJ510188M.A10.168.0A</a>							10	18		10°
<a href="#">PBJ510188M.A10.250.0A</a>	25	13	Zn/Black							
<a href="#">PBJ510188M.A10.250.0B</a>	6	13	Zn/White							
<a href="#">PBJ510188M.A16.680B</a>	8	13	Zn/Black							
<a href="#">PBJ510188M.A16.880A</a>	11	10	Zn/White							
<a href="#">PBJ510188M.A16.880B</a>	11	13	Zn/Black							
<a href="#">PBJ510188M.A16.118A</a>	11	13	Zn/White							
<a href="#">PBJ510188M.A16.118B</a>	11	13	Zn/Black							
<a href="#">PBJ510188M.A16.118.0A</a>	12,5	10	Zn/White							
<a href="#">PBJ510188M.A16.118.0B</a>	13	13	Zn/Black							
<a href="#">PBJ510188M.A16.128A</a>	15	10	Zn/White							
<a href="#">PBJ510188M.A16.128B</a>	15	13	Zn/Black							
<a href="#">PBJ510188M.A16.138.0A</a>	15	13	Zn/White							
<a href="#">PBJ510188M.A16.138.0B</a>	16,5	13	Zn/Black							
<a href="#">PBJ510188M.A16.158A</a>	20	13	Zn/White							
<a href="#">PBJ510188M.A16.158B</a>	20	13	Zn/Black							
<a href="#">PBJ510188M.A16.158.0A</a>	10	18	16°	PA66 GF30	Black	M8	25	13	11SMnPb30	Zn/White
<a href="#">PBJ510188M.A16.168.0A</a>							25	13		Zn/Black
<a href="#">PBJ510188M.A16.168.0B</a>							25	13		Zn/White
<a href="#">PBJ510188M.A16.208.0A</a>							25	13		Zn/Black
<a href="#">PBJ510188M.A16.208.0B</a>	10	18	16°	PA66 GF30	Black	M10	25	13	11SMnPb30	Zn/White
<a href="#">PBJ510188M.A16.250.0A</a>							25	13		Zn/Black
<a href="#">PBJ510188M.A16.250.0B</a>	25	13	Zn/White							



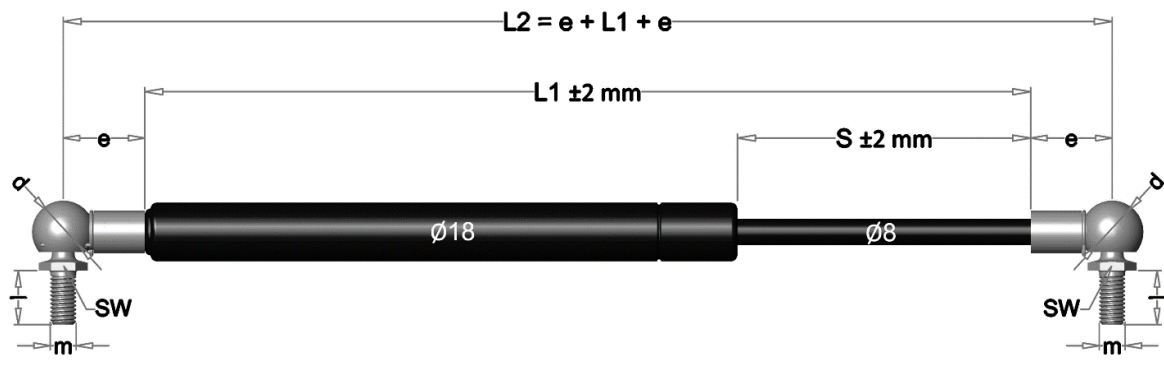
Code	d	e	Material	Colour	Thread
<a href="#">PL610228M</a>	10	18	PA66 GF30	Black	Metal



Code	Ball housing				Ball stud				
	d	e	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ610228M.68.OB</a>	10	18	PA66 GF30	Black	M8			11SMnPb30	Zn/Black
<a href="#">PBJ610228M.88.OA</a>									Zn/White
<a href="#">PBJ610228M.88.OB</a>									Zn/Black
<a href="#">PBJ610228M.118A</a>									Zn/White
<a href="#">PBJ610228M.118B</a>									Zn/Black
<a href="#">PBJ610228M.118.OA</a>									Zn/White
<a href="#">PBJ610228M.118.OB</a>									Zn/Black
<a href="#">PBJ610228M.128A</a>									Zn/White
<a href="#">PBJ610228M.128B</a>									Zn/Black
<a href="#">PBJ610228M.138.OA</a>									Zn/White
<a href="#">PBJ610228M.138.OB</a>									Zn/Black
<a href="#">PBJ610228M.158A</a>									Zn/White
<a href="#">PBJ610228M.158B</a>									Zn/Black
<a href="#">PBJ610228M.158.OA</a>									Zn/White
<a href="#">PBJ610228M.158.OB</a>									Zn/Black
<a href="#">PBJ610228M.168.OA</a>									Zn/White
<a href="#">PBJ610228M.168.OB</a>	Zn/Black								
<a href="#">PBJ610228M.208.OA</a>	Zn/White								
<a href="#">PBJ610228M.208.OB</a>	Zn/Black								
<a href="#">PBJ610228M.250.OA</a>	10	18	PA66 GF30	Black	M10			11SMnPb30	Zn/White
<a href="#">PBJ610228M.250.OB</a>									Zn/Black

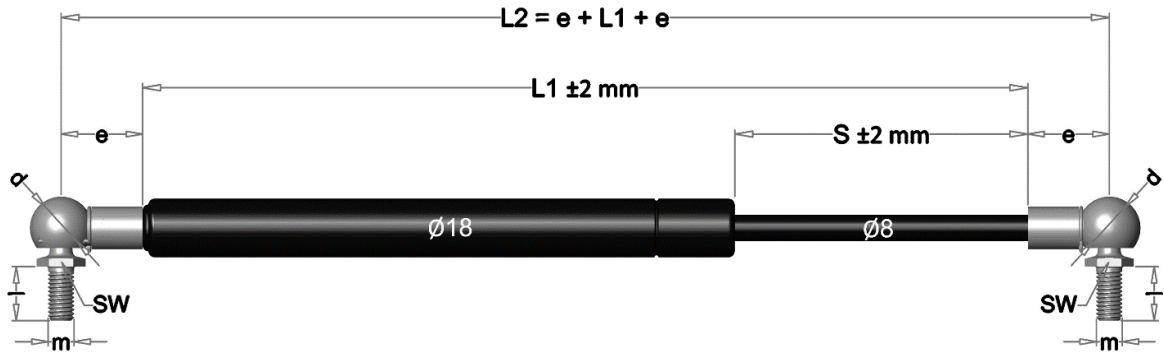


Code	d	e	Material	Surface
<a href="#">BH110198A</a>	10	19	11SMnPb30	Zn/White
<a href="#">BH110198B</a>		19		Zn/Black
<a href="#">BH110228A</a>	22	Zn/White		
<a href="#">BH110228B</a>	22	Zn/Black		
<a href="#">BH110258A</a>	25	Zn/White		
<a href="#">BH110258B</a>	25	Zn/Black		
<a href="#">BH110308A</a>	30	Zn/White		
<a href="#">BH110308B</a>	30	Zn/Black		
<a href="#">BH113258A</a>	25	Zn/White		
<a href="#">BH113308A</a>	30	Zn/White		

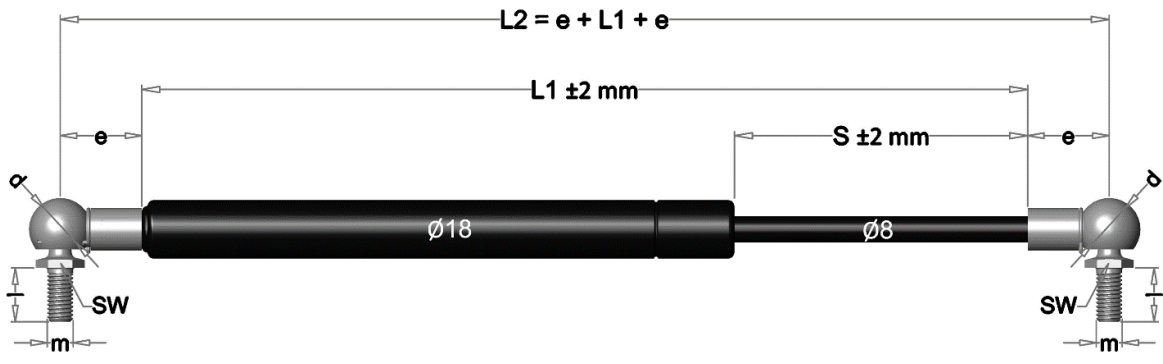


Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ110198.68.0B</a>	10	19	M8	6	13	11SMnPb30	Zn/Black
<a href="#">BJ110228.68.0B</a>		22					
<a href="#">BJ110258.68.0B</a>		25					
<a href="#">BJ110308.68.0B</a>		30					
<a href="#">BJ110198.88.0A</a>	10	19	M8	8	13	11SMnPb30	Zn/White
<a href="#">BJ110198.88.0B</a>		19					Zn/Black
<a href="#">BJ110228.88.0A</a>		22					Zn/White
<a href="#">BJ110228.88.0B</a>		22					Zn/Black
<a href="#">BJ110258.88.0A</a>		25					Zn/White
<a href="#">BJ110258.88.0B</a>		25					Zn/Black
<a href="#">BJ110308.88.0A</a>	30	Zn/White					
<a href="#">BJ110308.88.0B</a>	30	Zn/Black					
<a href="#">BJ110198.118A</a>	10	19	M8	11	10	11SMnPb30	Zn/White
<a href="#">BJ110198.118B</a>		19					Zn/Black
<a href="#">BJ110228.118A</a>		22					Zn/White
<a href="#">BJ110198.118B</a>		22					Zn/Black
<a href="#">BJ110258.118A</a>		25					Zn/White
<a href="#">BJ110258.118B</a>		25					Zn/Black
<a href="#">BJ110308.118A</a>		30					Zn/White
<a href="#">BJ110308.118B</a>		30					Zn/Black

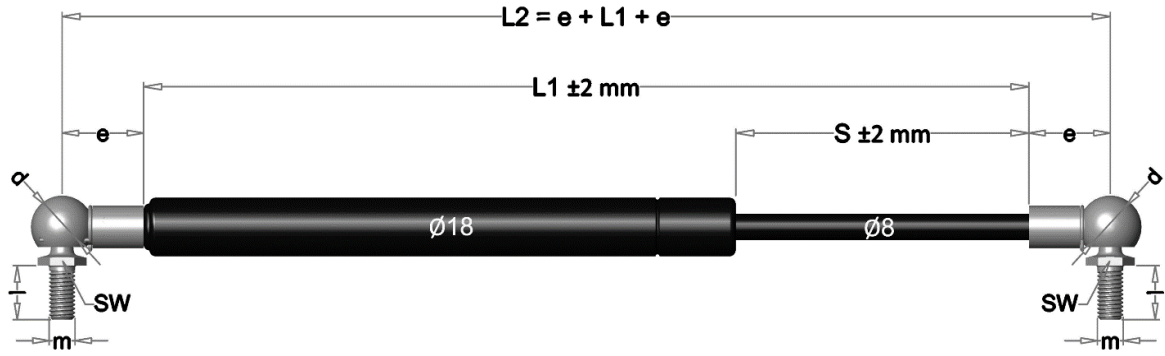




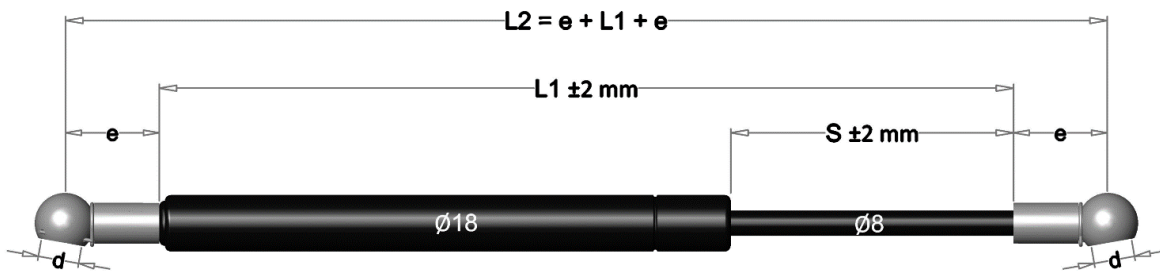
Code	Ball housing		Ball stud			Material	Surface	
	d	e	m	l	SW			
<a href="#">BJ110198.118.OA</a>	10	19	M8	11	13	11SMnPb30	Zn/White	
<a href="#">BJ110198.118.OB</a>							Zn/Black	
<a href="#">BJ110228.118.OA</a>							22	Zn/White
<a href="#">BJ110228.118.OB</a>								Zn/Black
<a href="#">BJ110258.118.OA</a>								Zn/White
<a href="#">BJ110258.118.OB</a>								Zn/Black
<a href="#">BJ110308.118.OA</a>	30	Zn/White						
<a href="#">BJ110308.118.OB</a>		Zn/Black						
<a href="#">BJ110198.128A</a>	10	19	M8	12,5	10	11SMnPb30	Zn/White	
<a href="#">BJ110198.128B</a>							Zn/Black	
<a href="#">BJ110228.128A</a>							22	Zn/White
<a href="#">BJ110228.128B</a>								Zn/Black
<a href="#">BJ110258.128A</a>								Zn/White
<a href="#">BJ110258.128B</a>								Zn/Black
<a href="#">BJ110308.128A</a>	30	Zn/White						
<a href="#">BJ110308.128B</a>		Zn/Black						
<a href="#">BJ110198.138.OA</a>	10	19	M8	13	13	11SMnPb30	Zn/White	
<a href="#">BJ110198.138.OB</a>							Zn/Black	
<a href="#">BJ110228.138.OA</a>							22	Zn/White
<a href="#">BJ110228.138.OB</a>								Zn/Black
<a href="#">BJ110258.138.OA</a>								Zn/White
<a href="#">BJ110258.138.OB</a>								Zn/Black
<a href="#">BJ110308.138.OA</a>	30	Zn/White						
<a href="#">BJ110308.138.OB</a>		Zn/Black						
<a href="#">BJ110198.158.OA</a>	10	19	M8	15	13	11SMnPb30	Zn/White	
<a href="#">BJ110198.158.OB</a>							Zn/Black	
<a href="#">BJ110228.158.OA</a>							22	Zn/White
<a href="#">BJ110228.158.OB</a>								Zn/Black
<a href="#">BJ110258.158.OA</a>								Zn/White
<a href="#">BJ110258.158.OB</a>								Zn/Black
<a href="#">BJ110308.158.OA</a>	30	Zn/White						
<a href="#">BJ110308.158.OB</a>		Zn/Black						
<a href="#">BJ110198.168.OA</a>	10	19	M8	16,5	13	11SMnPb30	Zn/White	
<a href="#">BJ110198.168.OB</a>							Zn/Black	
<a href="#">BJ110228.168.OA</a>							22	Zn/White
<a href="#">BJ110228.168.OB</a>								Zn/Black
<a href="#">BJ110258.168.OA</a>								Zn/White
<a href="#">BJ110258.168.OB</a>								Zn/Black
<a href="#">BJ110308.168.OA</a>	30	Zn/White						
<a href="#">BJ110308.168.OB</a>		Zn/Black						



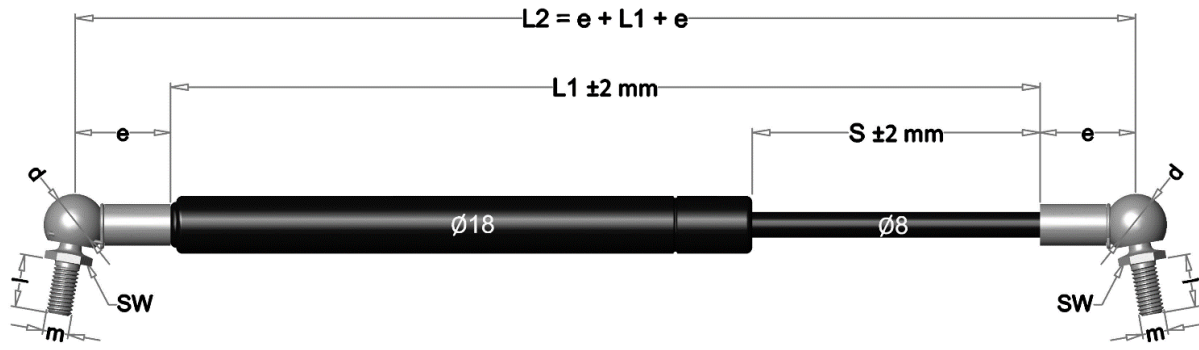
Code	Ball housing		Ball stud			Material	Surface					
	d	e	m	l	SW							
<a href="#">BJ110198.208.OA</a>	10	19	M8	20	13	11SMnPb30	Zn/White					
<a href="#">BJ110198.208.OB</a>		22					Zn/Black					
<a href="#">BJ110228.208.OA</a>		25					Zn/White					
<a href="#">BJ110228.208.OB</a>		30					Zn/Black					
<a href="#">BJ110258.208.OA</a>							Zn/White					
<a href="#">BJ110258.208.OB</a>							Zn/Black					
<a href="#">BJ110308.208.OA</a>	10	19	M10	25	13	11SMnPb30	Zn/White					
<a href="#">BJ110308.208.OB</a>		22					Zn/Black					
<a href="#">BJ110198.250.OA</a>		25					Zn/White					
<a href="#">BJ110198.250.OB</a>		30					Zn/Black					
<a href="#">BJ110228.250.OA</a>							Zn/White					
<a href="#">BJ110228.250.OB</a>							Zn/Black					
<a href="#">BJ110258.250.OA</a>	13	25	M8	8	13	11SMnPb30	Zn/White					
<a href="#">BJ110258.250.OB</a>		30					Zn/Black					
<a href="#">BJ110308.250.OA</a>							Zn/White					
<a href="#">BJ110308.250.OB</a>							Zn/Black					
<a href="#">BJ113258.88A</a>		13					25	M8	12	13	11SMnPb30	Zn/White
<a href="#">BJ113258.88B</a>							30					Zn/Black
<a href="#">BJ113308.88A</a>			Zn/White									
<a href="#">BJ113308.88B</a>			Zn/Black									
<a href="#">BJ113258.128A</a>	13		25	M8	15	13	11SMnPb30					Zn/White
<a href="#">BJ113258.128B</a>			30									Zn/Black
<a href="#">BJ113308.128A</a>			Zn/White									
<a href="#">BJ113308.128B</a>			Zn/Black									
<a href="#">BJ113258.158A</a>		13	25					M8	16,5	13	11SMnPb30	Zn/White
<a href="#">BJ113258.158B</a>			30									Zn/Black
<a href="#">BJ113308.158A</a>			Zn/White									
<a href="#">BJ113308.158B</a>			Zn/Black									
<a href="#">BJ113258.168A</a>	13		25	M8	20	13	11SMnPb30					Zn/White
<a href="#">BJ113258.168B</a>			30									Zn/Black
<a href="#">BJ113308.168A</a>			Zn/White									
<a href="#">BJ113308.168B</a>			Zn/Black									
<a href="#">BJ113258.208A</a>		13	25					M8	22	13	11SMnPb30	Zn/White
<a href="#">BJ113258.208B</a>			30									Zn/Black
<a href="#">BJ113308.208A</a>			Zn/White									
<a href="#">BJ113308.208B</a>			Zn/Black									
<a href="#">BJ113258.228A</a>	13		25	M8	25	13	11SMnPb30					Zn/White
<a href="#">BJ113258.228B</a>			30									Zn/Black
<a href="#">BJ113308.228A</a>			Zn/White									
<a href="#">BJ113308.228B</a>			Zn/Black									
<a href="#">BJ113258.258A</a>		13	25					M8	13	11SMnPb30	Zn/White	
<a href="#">BJ113258.258B</a>			30								Zn/Black	
<a href="#">BJ113308.258A</a>			Zn/White									
<a href="#">BJ113308.258B</a>			Zn/Black									



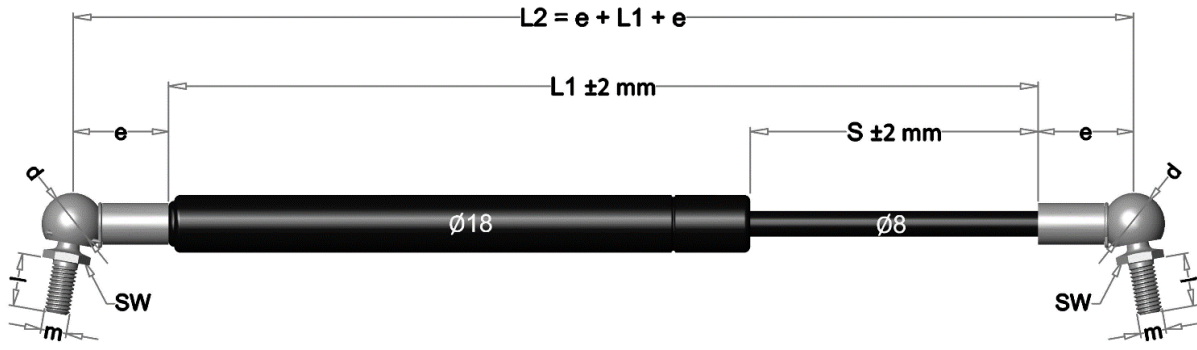
Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ113258.358A</a>	13	25	M8	35	13	11SMnPb30	Zn/White
<a href="#">BJ113258.358B</a>							
<a href="#">BJ113308.358A</a>	13	30	M10	15	13	11SMnPb30	Zn/White
<a href="#">BJ113308.358B</a>							
<a href="#">BJ113258.150A</a>	13	25	M10	15	13	11SMnPb30	Zn/White
<a href="#">BJ113258.150B</a>							
<a href="#">BJ113308.150A</a>	13	30	M10	20	13	11SMnPb30	Zn/White
<a href="#">BJ113308.150B</a>							
<a href="#">BJ113258.200A</a>	13	25	M10	20	13	11SMnPb30	Zn/White
<a href="#">BJ113258.200B</a>							
<a href="#">BJ113308.200A</a>	13	30	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ113308.200B</a>							
<a href="#">BJ113258.220A</a>	13	25	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ113258.220B</a>							
<a href="#">BJ113308.220A</a>	13	30	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ113308.220B</a>							
<a href="#">BJ113258.250A</a>	13	25	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ113258.250B</a>							
<a href="#">BJ113308.250A</a>	13	30	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ113308.250B</a>							
<a href="#">BJ113258.300A</a>	13	25	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ113258.300B</a>							
<a href="#">BJ113308.300A</a>	13	30	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ113308.300B</a>							



Code	d	e	Angle	Material	Surface
<a href="#">BH313208A</a>	13	20	10°	11SMnPb30	Zn/White
<a href="#">BH313208B</a>					Zn/Black
<a href="#">BH313258A</a>					Zn/White
<a href="#">BH313258B</a>					Zn/Black
<a href="#">BH313308A</a>	13	30			Zn/White
<a href="#">BH313308B</a>					Zn/Black



Code	Ball housing			Ball stud			Material	Surface									
	d	e	Angle	m	l	SW											
<a href="#">BJ313208.88A</a>	13	20	10°	M8	8	13	11SMnPb30	Zn/White									
<a href="#">BJ313208.88B</a>								Zn/Black									
<a href="#">BJ313258.88A</a>		25						10°	M8	12	13	11SMnPb30	Zn/White				
<a href="#">BJ313258.88B</a>													Zn/Black				
<a href="#">BJ313308.88A</a>		30						10°					M8	15	13	11SMnPb30	Zn/White
<a href="#">BJ313308.88B</a>																	Zn/Black
<a href="#">BJ313208.128A</a>	13	20	10°	M8	16,5	13	11SMnPb30	Zn/White									
<a href="#">BJ313208.128B</a>								Zn/Black									
<a href="#">BJ313258.128A</a>		25						10°	M8	20	13	11SMnPb30					Zn/White
<a href="#">BJ313258.128B</a>																	Zn/Black
<a href="#">BJ313308.128A</a>		30						10°					M8	22	13	11SMnPb30	Zn/White
<a href="#">BJ313308.128B</a>																	Zn/Black
<a href="#">BJ313208.158A</a>	13	20	10°	M8	25	13	11SMnPb30	Zn/White									
<a href="#">BJ313208.158B</a>								Zn/Black									
<a href="#">BJ313258.158A</a>		25						10°	M8	25	13	11SMnPb30					Zn/White
<a href="#">BJ313258.158B</a>																	Zn/Black
<a href="#">BJ313308.158A</a>		30						10°					M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ313308.158B</a>																	Zn/Black
<a href="#">BJ313208.168A</a>	13	20	10°	M8	25	13	11SMnPb30	Zn/White									
<a href="#">BJ313208.168B</a>								Zn/Black									
<a href="#">BJ313258.168A</a>		25						10°	M8	25	13	11SMnPb30					Zn/White
<a href="#">BJ313258.168B</a>																	Zn/Black
<a href="#">BJ313308.168A</a>		30						10°					M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ313308.168B</a>																	Zn/Black
<a href="#">BJ313208.208A</a>	13	20	10°	M8	25	13	11SMnPb30	Zn/White									
<a href="#">BJ313208.208B</a>								Zn/Black									
<a href="#">BJ313258.208A</a>		25						10°	M8	25	13	11SMnPb30					Zn/White
<a href="#">BJ313258.208B</a>																	Zn/Black
<a href="#">BJ313308.208A</a>		30						10°					M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ313308.208B</a>																	Zn/Black
<a href="#">BJ313208.228A</a>	13	20	10°	M8	25	13	11SMnPb30	Zn/White									
<a href="#">BJ313208.228B</a>								Zn/Black									
<a href="#">BJ313258.228A</a>		25						10°	M8	25	13	11SMnPb30					Zn/White
<a href="#">BJ313258.228B</a>																	Zn/Black
<a href="#">BJ313308.228A</a>		30						10°					M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ313308.228B</a>																	Zn/Black
<a href="#">BJ313208.258A</a>	13	20	10°	M8	25	13	11SMnPb30	Zn/White									
<a href="#">BJ313208.258B</a>								Zn/Black									
<a href="#">BJ313258.258A</a>		25						10°	M8	25	13	11SMnPb30					Zn/White
<a href="#">BJ313258.258B</a>																	Zn/Black
<a href="#">BJ313308.258A</a>		30						10°					M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ313308.258B</a>																	Zn/Black



Code	Ball housing			Ball stud			Material	Surface
	d	e	Angle	m	l	SW		
<a href="#">BJ313208.358A</a>	13	20	10°	M8	35	13	11SMnPb30	Zn/White
<a href="#">BJ313208.358B</a>								Zn/Black
<a href="#">BJ313258.358A</a>		25						Zn/White
<a href="#">BJ313258.358B</a>								Zn/Black
<a href="#">BJ313308.358A</a>		30						Zn/White
<a href="#">BJ313308.358B</a>								Zn/Black
<a href="#">BJ313208.150A</a>	13	20	10°	M10	15	13	11SMnPb30	Zn/White
<a href="#">BJ313208.150B</a>								Zn/Black
<a href="#">BJ313258.150A</a>		25						Zn/White
<a href="#">BJ313258.150B</a>								Zn/Black
<a href="#">BJ313308.150A</a>		30						Zn/White
<a href="#">BJ313308.150B</a>								Zn/Black
<a href="#">BJ313208.200A</a>	13	20	10°	M10	20	13	11SMnPb30	Zn/White
<a href="#">BJ313208.200B</a>								Zn/Black
<a href="#">BJ313258.200A</a>		25						Zn/White
<a href="#">BJ313258.200B</a>								Zn/Black
<a href="#">BJ313308.200A</a>		30						Zn/White
<a href="#">BJ313308.200B</a>								Zn/Black
<a href="#">BJ313208.220A</a>	13	20	10°	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ313208.220B</a>								Zn/Black
<a href="#">BJ313258.220A</a>		25						Zn/White
<a href="#">BJ313258.220B</a>								Zn/Black
<a href="#">BJ313308.220A</a>		30						Zn/White
<a href="#">BJ313308.220B</a>								Zn/Black
<a href="#">BJ313208.250A</a>	13	20	10°	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ313208.250B</a>								Zn/Black
<a href="#">BJ313258.250A</a>		25						Zn/White
<a href="#">BJ313258.250B</a>								Zn/Black
<a href="#">BJ313308.250A</a>		30						Zn/White
<a href="#">BJ313308.250B</a>								Zn/Black
<a href="#">BJ313208.300A</a>	13	20	10°	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ313208.300B</a>								Zn/Black
<a href="#">BJ313258.300A</a>		25						Zn/White
<a href="#">BJ313258.300B</a>								Zn/Black
<a href="#">BJ313308.300A</a>		30						Zn/White
<a href="#">BJ313308.300B</a>								Zn/Black

4/12 M4-M4

6/15 M6-M6

8/18 M6-M6

8/18 M8-M8

10/21 M8-M8

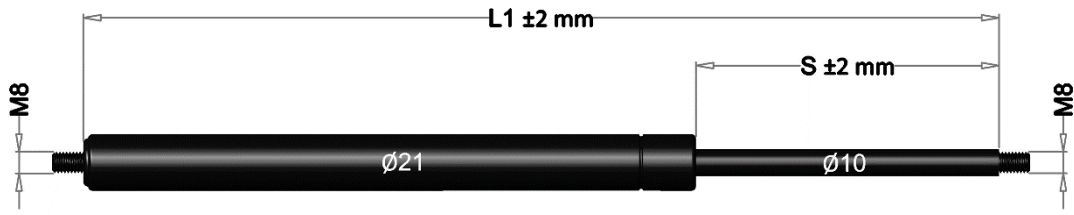
10/27 M8-M8

14/27 M8-M8

14/27 M10-M10

ADAPTERS

TUBES AND DUST PROTECTION



Stroke (S)	Length (L1)	Force (N)
30	95	50-800
50	135	50-800
70	175	50-1000
80	195	50-1000
90	215	50-1100
100	235	50-1100
110	255	50-1200
120	275	50-1200
130	295	50-1200
150	335	50-1200
175	385	50-1000
200	435	50-1000
250	535	50-1000
300	655	50-1000
350	755	50-1000
400	855	50-1000
450	955	50-900
500	1055	50-800
550	1155	50-800

Selection of end fittings for gas spring type G1021:

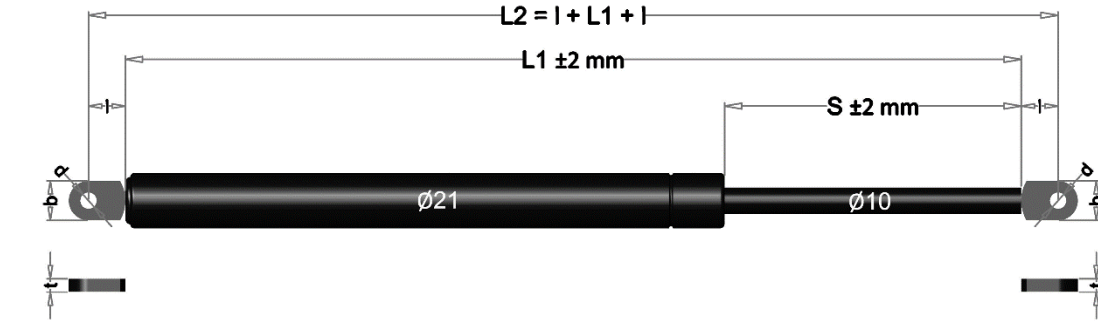
End fitting type	Tube side	Rod side	Page
Welded eyelet	✓	✓	<a href="#">Go to Page 55</a>
Eyelet type EY1	✓	✓	<a href="#">Go to Page 55</a>
Eyelet type EY6	✓	✓	<a href="#">Go to Page 56</a>
Eyelet type EY2	✓	✓	<a href="#">Go to Page 56</a>
Eyelet type EY3	✓	✓	<a href="#">Go to Page 56</a>
Clevis DIN71752	✓	✓	<a href="#">Go to Page 57</a>
Clevis joint DIN71752	✓	✓	<a href="#">Go to Page 57</a>

End fitting type	Tube side	Rod side	Page
	✓	✓	<a href="#">Go to Page 57</a>
	✓	✓	<a href="#">Go to Page 58</a>
	✓	✓	<a href="#">Go to Page 58</a>
	✓	✓	<a href="#">Go to Page 58</a>
	✓	✓	<a href="#">Go to Page 59</a>
	✓	✓	<a href="#">Go to Page 59</a>
	✓	✓	<a href="#">Go to Page 60</a>
	✓	✓	<a href="#">Go to Page 60</a>
	✓	✓	<a href="#">Go to Page 61</a>
	✓	✓	<a href="#">Go to Page 61</a>
	✓	✓	<a href="#">Go to Page 64</a>
	✓	✓	<a href="#">Go to Page 64</a>

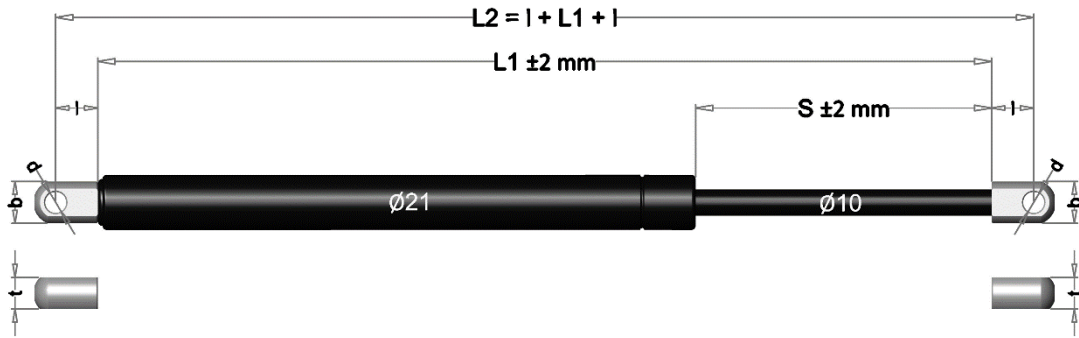
4/12  
M4-M46/15  
M6-M68/18  
M6-M68/18  
M8-M810/21  
M8-M810/27  
M8-M814/27  
M8-M814/27  
M10-M10

ADAPTERS

TUBES AND DUST  
PROTECTION

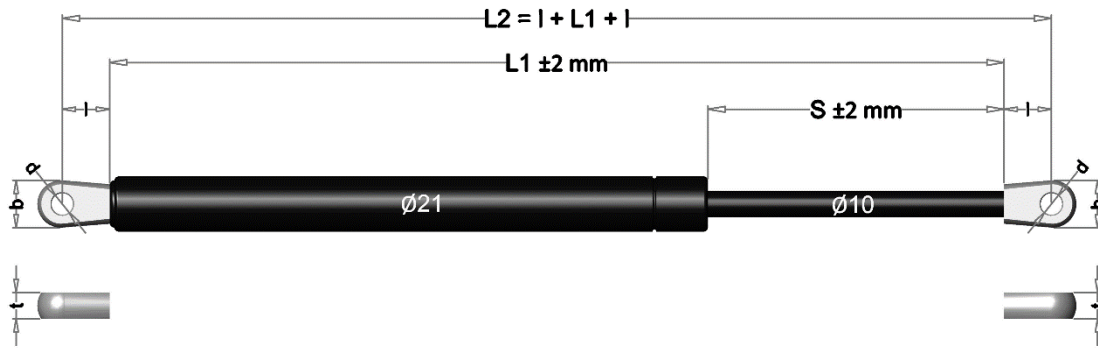


Code	d	l	b	t	Material	Surface
<a href="#">WEY1514.6T5B</a>	6,1	14	15	5	ST37	Black
<a href="#">WEY1517.6T5B</a>		17				
<a href="#">WEY1510.8T5B</a>	8,1	10	15	5	ST37	Black
<a href="#">WEY1514.8T5B</a>		14				
<a href="#">WEY1616.8T8B</a>		16				
<a href="#">WEY1616.8T10B</a>		16				
<a href="#">WEY1517.8T5B</a>	10,1	17	15	5	ST37	Black
<a href="#">WEY1616.0T8B</a>		16				
<a href="#">WEY1616.0T10B</a>		16				
<a href="#">WEY1817.0T5B</a>		17				

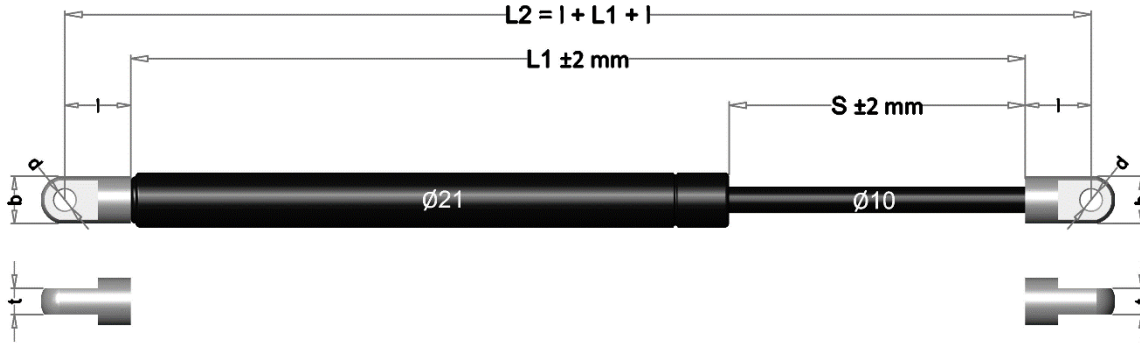


Code	d	l	b	t	Material	Surface
<a href="#">EY120188.8T10G</a>	8,1	18	20	10	2011 AL	-
<a href="#">EY120208.8T10G</a>		20				
<a href="#">EY120188.0T10G</a>	10,1	18	20	10	2011 AL	-
<a href="#">EY120208.0T10G</a>		20				
<a href="#">EY116168.8T10A</a>	8,1	16	16	10	11SMnPb30	Zn/White
<a href="#">EY116168.8T12A</a>				12		
<a href="#">EY116188.8T10A</a>				10		
<a href="#">EY116188.8T12A</a>		12				
<a href="#">EY116208.8T10A</a>		10				
<a href="#">EY116208.8T12A</a>		12				
<a href="#">EY116168.0T10A</a>	10,1	16	16	10	11SMnPb30	Zn/White
<a href="#">EY116188.0T10A</a>		18		10		
<a href="#">EY116208.0T10A</a>		20		10		
<a href="#">EY116208.0T12A</a>		12		12		
<a href="#">EY120298.0T12A</a>	29	20	20	12		

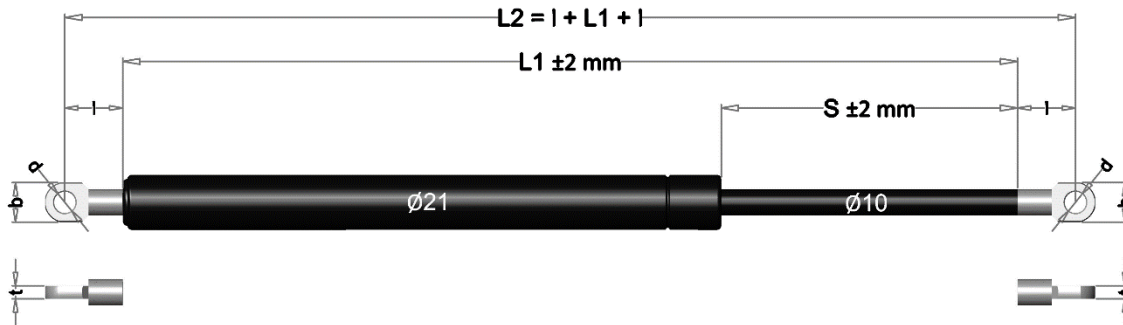




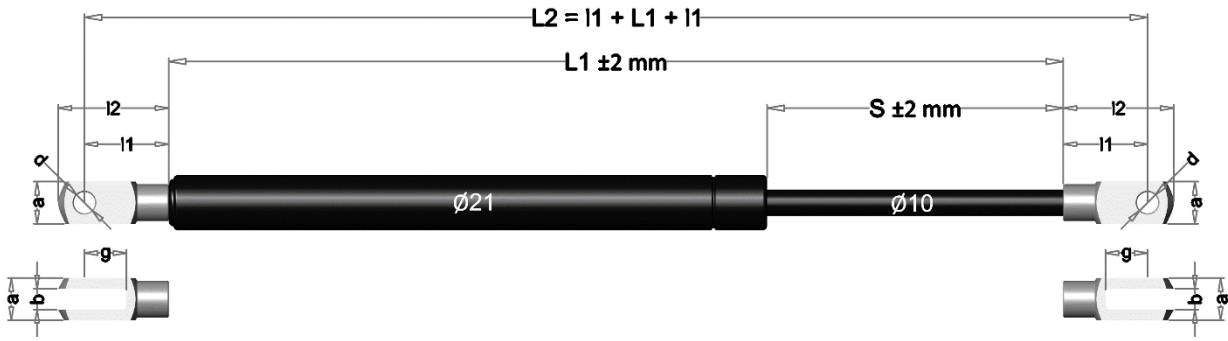
Code	d	l	b	t	Material	Surface
<a href="#">EY618188.8T10G</a>	8,1	18	18	10	2011 AL	-
<a href="#">EY618188.0T10G</a>	10,1					



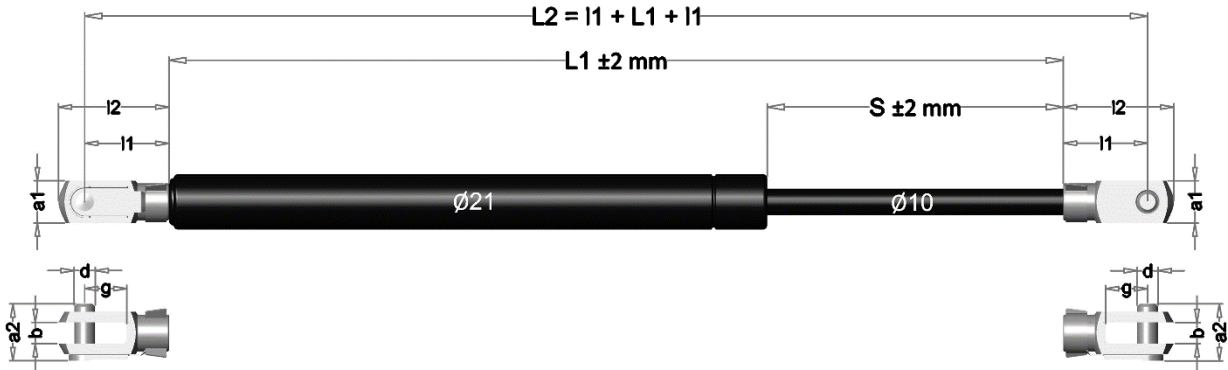
Code	d	l	b	t	Material	Surface
<a href="#">EY215248.8T8A</a>	10,1	24	15	8	11SMnPb30	Zn/White
<a href="#">EY215288.8T85A</a>		28		8,5		
<a href="#">EY220248.0T9A</a>	24	20	9			
<a href="#">EY220358.0T10A</a>	35		10			



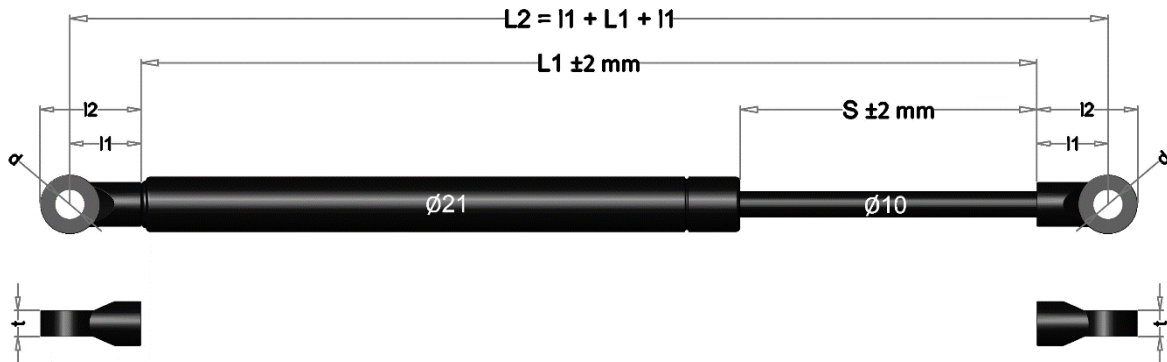
Code	d	l	b	t	Material	Surface
<a href="#">EY315288.6T5A</a>	6,1	28	15	5	11SMnPb30	Zn/White
<a href="#">EY315228.8T5A</a>		22	15	5		
<a href="#">EY315288.8T5A</a>		28	15	5		
<a href="#">EY316288.8T5A</a>	8,1	28	16	5		
<a href="#">EY315288.8T8A</a>		28	15	8		
<a href="#">EY315288.8T10A</a>		28	15	10		
<a href="#">EY318288.0T5A</a>	10,1	28	18	5		
<a href="#">EY315288.0T8A</a>		28	15	8		
<a href="#">EY315288.0T10A</a>		28	15	10		
<a href="#">EY320308.3T44A</a>	13,1	30	20	4,4		



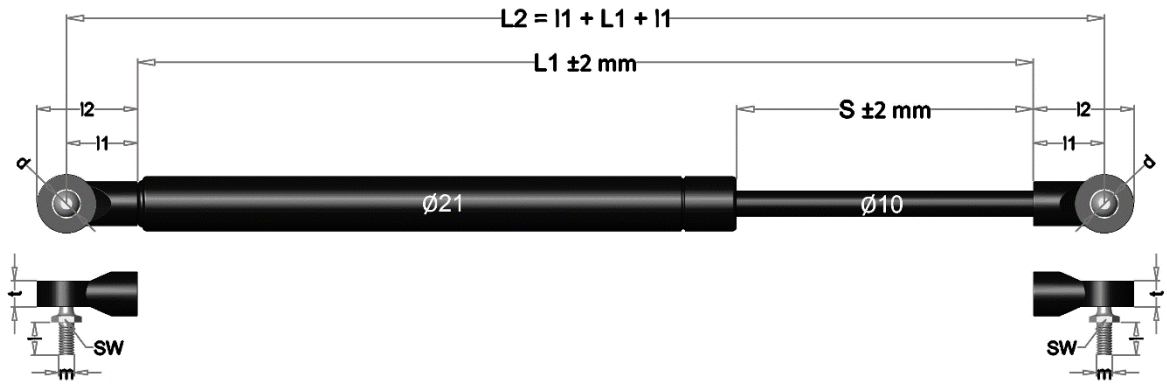
Code	d	g	l1	l2	a	b	Material	Surface
CV107A	8,1	16	32	42	16	8	11SMnPb30	Zn/White
CV108A		32	48	58				
CV109.M8A	10,1	20	40	52	20	10		



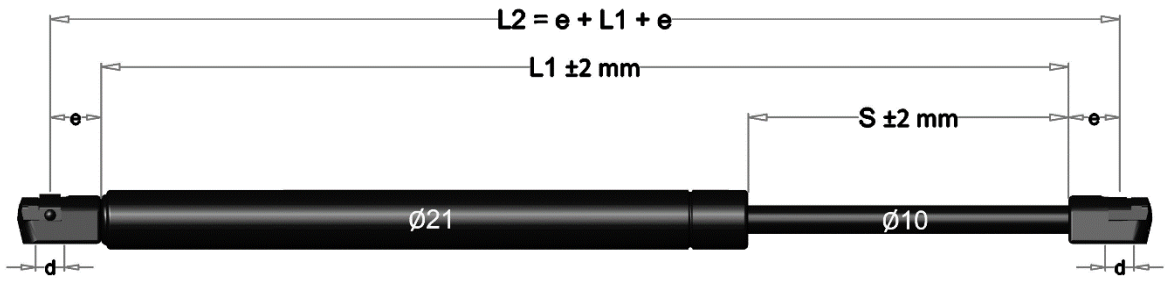
Code	d	g	l1	l2	a1	a2	b	Material	Surface
CC107A	8	16	32	42	16	21,5	8	11SMnPb30 + CK67	Zn/White
CC108A		32	48	58					
CC109.M8A	10	20	40	52	20	26	10		



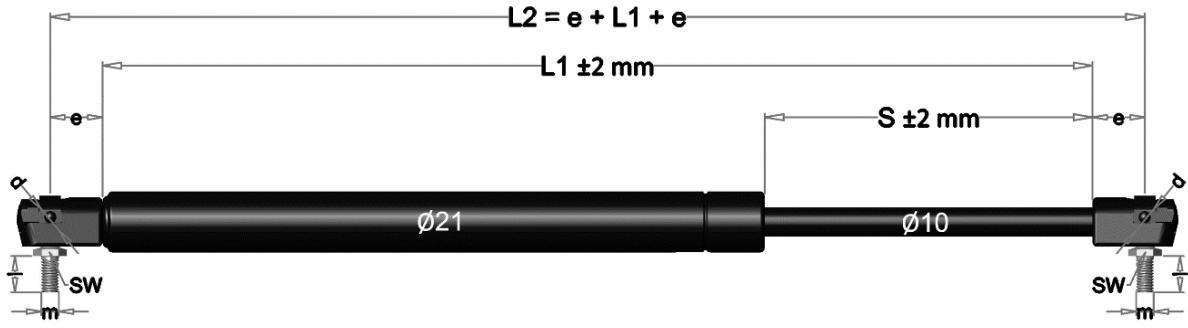
Code	d	l1	l2	t	Material	Colour	Thread
PL111278M	11	27	38	10	PA66 GF30	Black	Metal



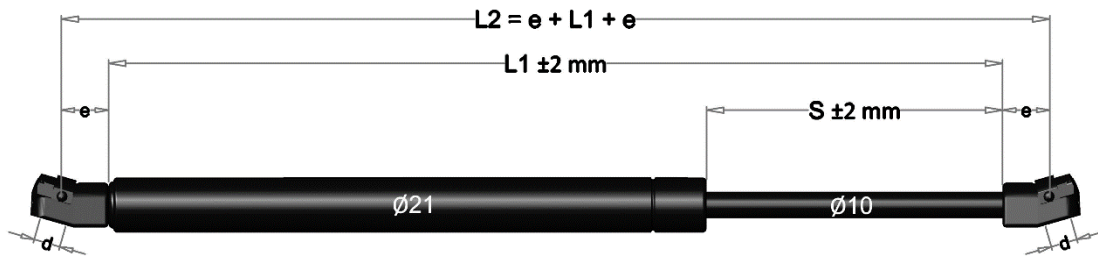
Code	Ball housing						Ball stud				
	d	l1	l2	t	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ11278M.228.2A</a>	11	27	38	10	PA66 GF30	Black	M8	22	13	11SMnPb30	Zn/White
<a href="#">PBJ11278M.228.2B</a>											Zn/Black



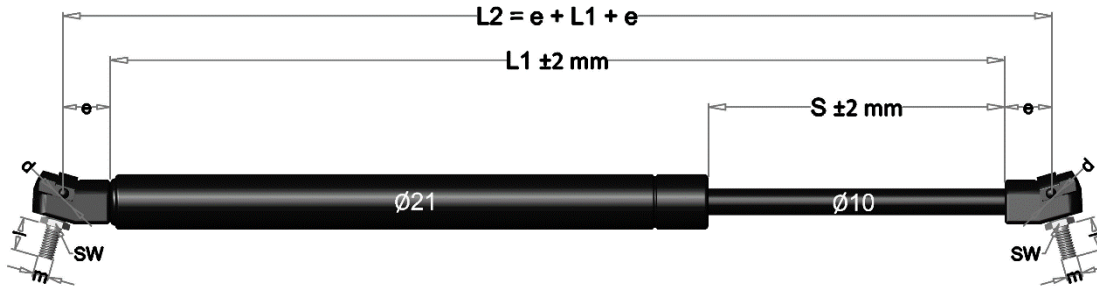
Code	d	e	Material	Colour	Thread
<a href="#">PL410188M</a>	10	18	PA66 GF30	Black	Metal



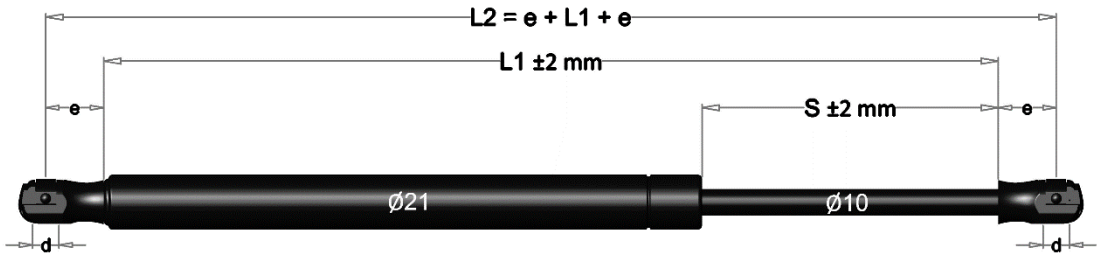
Code	Ball housing				Ball stud						
	d	e	Material	Colour	m	l	SW	Material	Surface		
<a href="#">PBJ410188M.118A</a>	10	18	PA66 GF30	Black	M8	11	10	11SMnPb30	Zn/White		
<a href="#">PBJ410188M.118B</a>									Zn/Black		
<a href="#">PBJ410188M.118.OA</a>									11	13	Zn/White
<a href="#">PBJ410188M.118.OB</a>											Zn/Black
<a href="#">PBJ410188M.128A</a>									12,5	10	Zn/White
<a href="#">PBJ410188M.128B</a>											Zn/Black
<a href="#">PBJ410188M.138.OA</a>									13	13	Zn/White
<a href="#">PBJ410188M.138.OB</a>											Zn/Black
<a href="#">PBJ410188M.158A</a>									15	10	Zn/White
<a href="#">PBJ410188M.158B</a>											Zn/Black
<a href="#">PBJ410188M.158.OA</a>									15	13	Zn/White
<a href="#">PBJ410188M.158.OB</a>											Zn/Black
<a href="#">PBJ410188M.168.OA</a>									16,5	13	Zn/White
<a href="#">PBJ410188M.168.OB</a>											Zn/Black
<a href="#">PBJ410188M.208.OA</a>	20	13	Zn/White								
<a href="#">PBJ410188M.208.OB</a>			Zn/Black								
<a href="#">PBJ410188M.250.OA</a>	10	18	PA66 GF30	Black	M10	25	13	11SMnPb30	Zn/White		
<a href="#">PBJ410188M.250.OB</a>									Zn/Black		



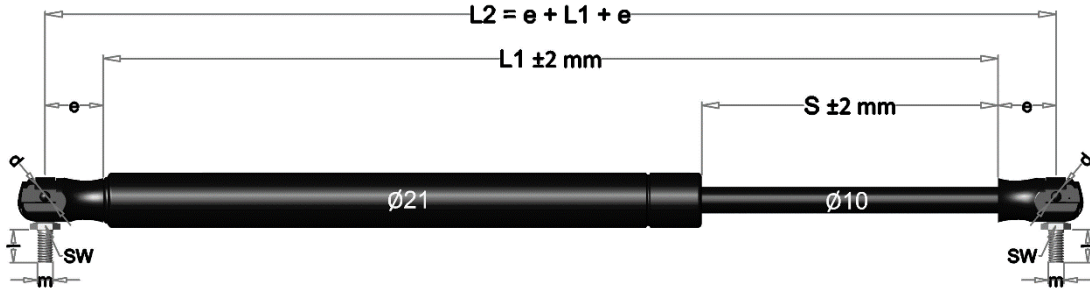
Code	d	e	Angle	Material	Colour	Thread
<a href="#">PL510188M.A10</a>	10	18	10°	PA66 GF30	Black	Metal
<a href="#">PL510188M.A16</a>			16°			



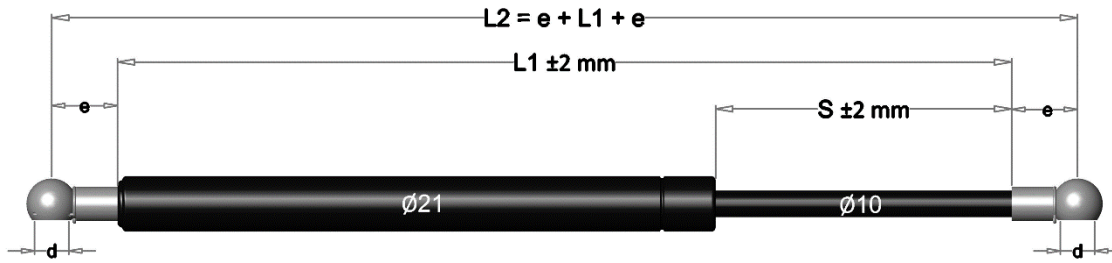
Code	Ball housing					Ball stud													
	d	e	Angle	Material	Colour	m	l	SW	Material	Surface									
<a href="#">PBJ510188M.A10.118A</a>	10	18	10°	PA66 GF30	Black	M8		11	10	11SMnPb30	Zn/White								
<a href="#">PBJ510188M.A10.118B</a>								Zn/Black											
<a href="#">PBJ510188M.A10.118.OA</a>								11	13		Zn/White								
<a href="#">PBJ510188M.A10.118.OB</a>								Zn/Black											
<a href="#">PBJ510188M.A10.128A</a>								12,5	10		Zn/White								
<a href="#">PBJ510188M.A10.128B</a>								Zn/Black											
<a href="#">PBJ510188M.A10.138.OA</a>								13	13		Zn/White								
<a href="#">PBJ510188M.A10.138.OB</a>								Zn/Black											
<a href="#">PBJ510188M.A10.158A</a>								15	10		Zn/White								
<a href="#">PBJ510188M.A10.158B</a>								Zn/Black											
<a href="#">PBJ510188M.A10.158.OA</a>								15	13		Zn/White								
<a href="#">PBJ510188M.A10.158.OB</a>								Zn/Black											
<a href="#">PBJ510188M.A10.168.OA</a>								16,5	13		Zn/White								
<a href="#">PBJ510188M.A10.168.OB</a>								Zn/Black											
<a href="#">PBJ510188M.A10.208.OA</a>								20	13		Zn/White								
<a href="#">PBJ510188M.A10.208.OB</a>								Zn/Black											
<a href="#">PBJ510188M.A10.250.OA</a>	10	18	10°	PA66 GF30	Black	M10		25	13	11SMnPb30	Zn/White								
<a href="#">PBJ510188M.A10.250.OB</a>								Zn/Black											
<a href="#">PBJ510188M.A16.118A</a>								10	18		16°	PA66 GF30	Black	M8		6	13	11SMnPb30	Zn/White
<a href="#">PBJ510188M.A16.118B</a>																Zn/Black			
<a href="#">PBJ510188M.A16.118.OA</a>																11	10		Zn/White
<a href="#">PBJ510188M.A16.118.OB</a>																Zn/Black			
<a href="#">PBJ510188M.A16.128A</a>																11	13		Zn/White
<a href="#">PBJ510188M.A16.128B</a>																Zn/Black			
<a href="#">PBJ510188M.A16.128A</a>																12,5	10		Zn/White
<a href="#">PBJ510188M.A16.128B</a>																Zn/Black			
<a href="#">PBJ510188M.A16.138.OA</a>																13	13		Zn/White
<a href="#">PBJ510188M.A16.138.OB</a>																Zn/Black			
<a href="#">PBJ510188M.A16.158A</a>																15	10		Zn/White
<a href="#">PBJ510188M.A16.158B</a>																Zn/Black			
<a href="#">PBJ510188M.A16.158.OA</a>																15	13		Zn/White
<a href="#">PBJ510188M.A16.158.OB</a>																Zn/Black			
<a href="#">PBJ510188M.A16.168.OA</a>	16,5	13	Zn/White																
<a href="#">PBJ510188M.A16.168.OB</a>	Zn/Black																		
<a href="#">PBJ510188M.A16.208.OA</a>	20	13	Zn/White																
<a href="#">PBJ510188M.A16.208.OB</a>	Zn/Black																		
<a href="#">PBJ510188M.A16.250.OA</a>	10	18	16°	PA66 GF30	Black	M10		25	13	11SMnPb30	Zn/White								
<a href="#">PBJ510188M.A16.250.OB</a>								Zn/Black											



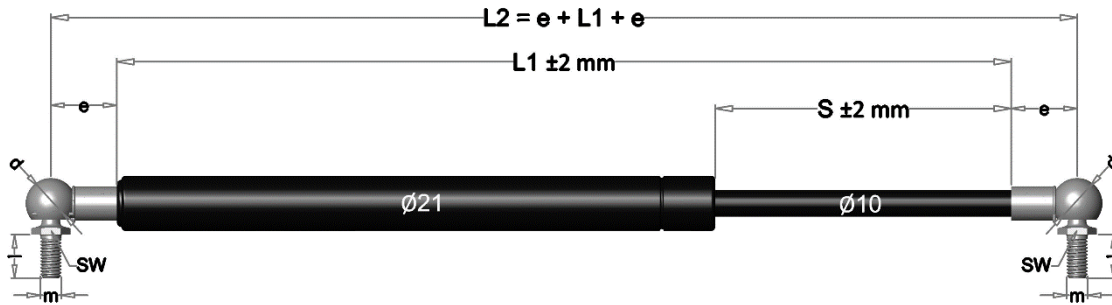
Code	d	e	Material	Colour	Thread
<a href="#">PL610228M</a>	10	18	PA66 GF30	Black	Metal



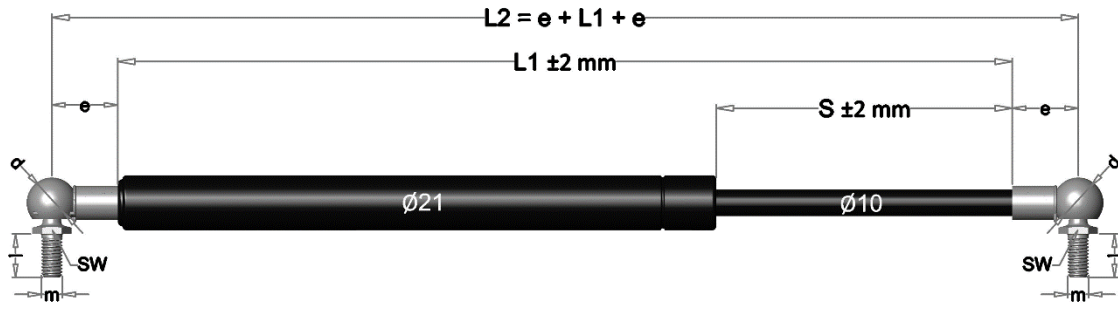
Code	Ball housing				Ball stud				
	d	e	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ610228M.118A</a>	10	18	PA66 GF30	Black	M8	11	10	11SMnPb30	Zn/White
<a href="#">PBJ610228M.118B</a>									Zn/Black
<a href="#">PBJ610228M.118.OA</a>									Zn/White
<a href="#">PBJ610228M.118.OB</a>									Zn/Black
<a href="#">PBJ610228M.128A</a>									Zn/White
<a href="#">PBJ610228M.128B</a>									Zn/Black
<a href="#">PBJ610228M.138.OA</a>									Zn/White
<a href="#">PBJ610228M.138.OB</a>									Zn/Black
<a href="#">PBJ610228M.158A</a>									Zn/White
<a href="#">PBJ610228M.158B</a>									Zn/Black
<a href="#">PBJ610228M.158.OA</a>									Zn/White
<a href="#">PBJ610228M.158.OB</a>									Zn/Black
<a href="#">PBJ610228M.168.OA</a>									Zn/White
<a href="#">PBJ610228M.168.OB</a>									Zn/Black
<a href="#">PBJ610228M.208.OA</a>									Zn/White
<a href="#">PBJ610228M.208.OB</a>									Zn/Black
<a href="#">PBJ610228M.250.OA</a>	10	18	PA66 GF30	Black	M10	25	13	11SMnPb30	Zn/White
<a href="#">PBJ610228M.250.OB</a>									Zn/Black



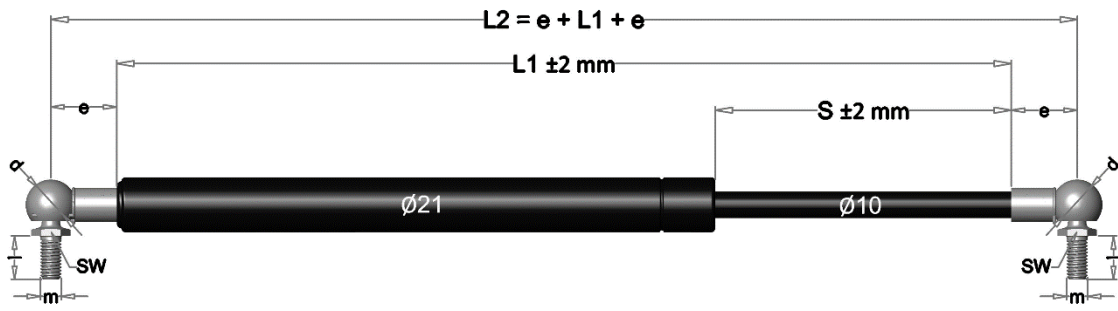
Code	d	e	Material	Surface
<a href="#">BH110198A</a>	10	19	11SMnPb30	Zn/White
<a href="#">BH110198B</a>				Zn/Black
<a href="#">BH110228A</a>		22		Zn/White
<a href="#">BH110228B</a>				Zn/Black
<a href="#">BH110258A</a>		25		Zn/White
<a href="#">BH110258B</a>				Zn/Black
<a href="#">BH110308A</a>		30		Zn/White
<a href="#">BH110308B</a>				Zn/Black
<a href="#">BH113258A</a>	13	25	11SMnPb30	Zn/White
<a href="#">BH113308A</a>		30		



Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ110198.118A</a>	10	19	M8	11	10	11SMnPb30	Zn/White
<a href="#">BJ110198.118B</a>							Zn/Black
<a href="#">BJ110228.118A</a>		22					Zn/White
<a href="#">BJ110198.118B</a>							Zn/Black
<a href="#">BJ110258.118A</a>		25					Zn/White
<a href="#">BJ110258.118B</a>							Zn/Black
<a href="#">BJ110308.118A</a>		30					Zn/White
<a href="#">BJ110308.118B</a>							Zn/Black
<a href="#">BJ110198.118.0A</a>	10	19	M8	11	13	11SMnPb30	Zn/White
<a href="#">BJ110198.118.0B</a>							Zn/Black
<a href="#">BJ110228.118.0A</a>		22					Zn/White
<a href="#">BJ110228.118.0B</a>							Zn/Black
<a href="#">BJ110258.118.0A</a>		25					Zn/White
<a href="#">BJ110258.118.0B</a>							Zn/Black
<a href="#">BJ110308.118.0A</a>		30					Zn/White
<a href="#">BJ110308.118.0B</a>							Zn/Black
<a href="#">BJ110198.128A</a>	10	19	M8	12,5	10	11SMnPb30	Zn/White
<a href="#">BJ110198.128B</a>							Zn/Black
<a href="#">BJ110228.128A</a>		22					Zn/White
<a href="#">BJ110228.128B</a>							Zn/Black
<a href="#">BJ110258.128A</a>		25					Zn/White
<a href="#">BJ110258.128B</a>							Zn/Black
<a href="#">BJ110308.128A</a>		30					Zn/White
<a href="#">BJ110308.128B</a>							Zn/Black

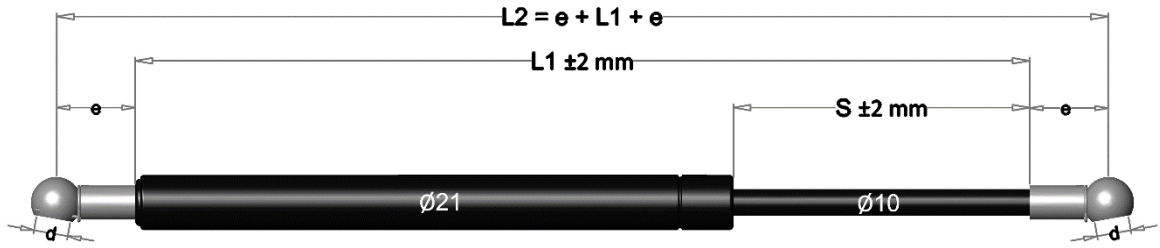


Code	Ball housing		Ball stud			Material	Surface										
	d	e	m	l	SW												
<a href="#">BJ110198.138.0A</a>	10	19	M8	13	13	11SMnPb30	Zn/White										
<a href="#">BJ110198.138.0B</a>							Zn/Black										
<a href="#">BJ110228.138.0A</a>							22	M8	13	13	11SMnPb30	Zn/White					
<a href="#">BJ110228.138.0B</a>												Zn/Black					
<a href="#">BJ110258.138.0A</a>												25	M8	13	13	11SMnPb30	Zn/White
<a href="#">BJ110258.138.0B</a>																	Zn/Black
<a href="#">BJ110308.138.0A</a>	30	M8	13	13	11SMnPb30	Zn/White											
<a href="#">BJ110308.138.0B</a>						Zn/Black											
<a href="#">BJ110198.158.0A</a>	10	19	M8	15	13	11SMnPb30	Zn/White										
<a href="#">BJ110198.158.0B</a>							Zn/Black										
<a href="#">BJ110228.158.0A</a>							22	M8	15	13	11SMnPb30	Zn/White					
<a href="#">BJ110228.158.0B</a>												Zn/Black					
<a href="#">BJ110258.158.0A</a>												25	M8	15	13	11SMnPb30	Zn/White
<a href="#">BJ110258.158.0B</a>																	Zn/Black
<a href="#">BJ110308.158.0A</a>	30	M8	15	13	11SMnPb30	Zn/White											
<a href="#">BJ110308.158.0B</a>						Zn/Black											
<a href="#">BJ110198.168.0A</a>	10	19	M8	16,5	13	11SMnPb30	Zn/White										
<a href="#">BJ110198.168.0B</a>							Zn/Black										
<a href="#">BJ110228.168.0A</a>							22	M8	16,5	13	11SMnPb30	Zn/White					
<a href="#">BJ110228.168.0B</a>												Zn/Black					
<a href="#">BJ110258.168.0A</a>												25	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">BJ110258.168.0B</a>																	Zn/Black
<a href="#">BJ110308.168.0A</a>	30	M8	16,5	13	11SMnPb30	Zn/White											
<a href="#">BJ110308.168.0B</a>						Zn/Black											
<a href="#">BJ110198.208.0A</a>	10	19	M8	20	13	11SMnPb30	Zn/White										
<a href="#">BJ110198.208.0B</a>							Zn/Black										
<a href="#">BJ110228.208.0A</a>							22	M8	20	13	11SMnPb30	Zn/White					
<a href="#">BJ110228.208.0B</a>												Zn/Black					
<a href="#">BJ110258.208.0A</a>												25	M8	20	13	11SMnPb30	Zn/White
<a href="#">BJ110258.208.0B</a>																	Zn/Black
<a href="#">BJ110308.208.0A</a>	30	M8	20	13	11SMnPb30	Zn/White											
<a href="#">BJ110308.208.0B</a>						Zn/Black											
<a href="#">BJ110198.250.0A</a>	10	19	M10	25	13	11SMnPb30	Zn/White										
<a href="#">BJ110198.250.0B</a>							Zn/Black										
<a href="#">BJ110228.250.0A</a>							22	M10	25	13	11SMnPb30	Zn/White					
<a href="#">BJ110228.250.0B</a>												Zn/Black					
<a href="#">BJ110258.250.0A</a>												25	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ110258.250.0B</a>																	Zn/Black
<a href="#">BJ110308.250.0A</a>	30	M10	25	13	11SMnPb30	Zn/White											
<a href="#">BJ110308.250.0B</a>						Zn/Black											
<a href="#">BJ113258.88A</a>	13	25	M8	8	13	11SMnPb30	Zn/White										
<a href="#">BJ113258.88B</a>							Zn/Black										
<a href="#">BJ113308.88A</a>	30	M8	8	13	11SMnPb30	Zn/White											
<a href="#">BJ113308.88B</a>						Zn/Black											
<a href="#">BJ113258.128A</a>	13	25	M8	12	13	11SMnPb30	Zn/White										
<a href="#">BJ113258.128B</a>							Zn/Black										
<a href="#">BJ113308.128A</a>							30	M8	12	13	11SMnPb30	Zn/White					
<a href="#">BJ113308.128B</a>												Zn/Black					

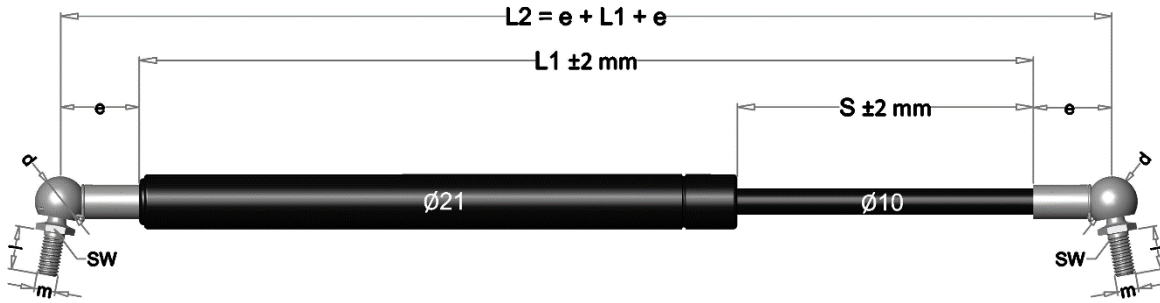


Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ113258.158A</a>	13	25	M8	15	13	11SMnPb30	Zn/White
<a href="#">BJ113258.158B</a>							
<a href="#">BJ113308.158A</a>	13	30	M8	15	13	11SMnPb30	Zn/White
<a href="#">BJ113308.158B</a>							
<a href="#">BJ113258.168A</a>	13	25	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">BJ113258.168B</a>							
<a href="#">BJ113308.168A</a>	13	30	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">BJ113308.168B</a>							
<a href="#">BJ113258.208A</a>	13	25	M8	20	13	11SMnPb30	Zn/White
<a href="#">BJ113258.208B</a>							
<a href="#">BJ113308.208A</a>	13	30	M8	20	13	11SMnPb30	Zn/White
<a href="#">BJ113308.208B</a>							
<a href="#">BJ113258.228A</a>	13	25	M8	22	13	11SMnPb30	Zn/White
<a href="#">BJ113258.228B</a>							
<a href="#">BJ113308.228A</a>	13	30	M8	22	13	11SMnPb30	Zn/White
<a href="#">BJ113308.228B</a>							
<a href="#">BJ113258.258A</a>	13	25	M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ113258.258B</a>							
<a href="#">BJ113308.258A</a>	13	30	M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ113308.258B</a>							
<a href="#">BJ113258.358A</a>	13	25	M8	35	13	11SMnPb30	Zn/White
<a href="#">BJ113258.358B</a>							
<a href="#">BJ113308.358A</a>	13	30	M8	35	13	11SMnPb30	Zn/White
<a href="#">BJ113308.358B</a>							
<a href="#">BJ113258.150A</a>	13	25	M10	15	13	11SMnPb30	Zn/White
<a href="#">BJ113258.150B</a>							
<a href="#">BJ113308.150A</a>	13	30	M10	15	13	11SMnPb30	Zn/White
<a href="#">BJ113308.150B</a>							
<a href="#">BJ113258.200A</a>	13	25	M10	20	13	11SMnPb30	Zn/White
<a href="#">BJ113258.200B</a>							
<a href="#">BJ113308.200A</a>	13	30	M10	20	13	11SMnPb30	Zn/White
<a href="#">BJ113308.200B</a>							
<a href="#">BJ113258.220A</a>	13	25	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ113258.220B</a>							
<a href="#">BJ113308.220A</a>	13	30	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ113308.220B</a>							
<a href="#">BJ113258.250A</a>	13	25	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ113258.250B</a>							
<a href="#">BJ113308.250A</a>	13	30	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ113308.250B</a>							
<a href="#">BJ113258.300A</a>	13	25	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ113258.300B</a>							
<a href="#">BJ113308.300A</a>	13	30	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ113308.300B</a>							

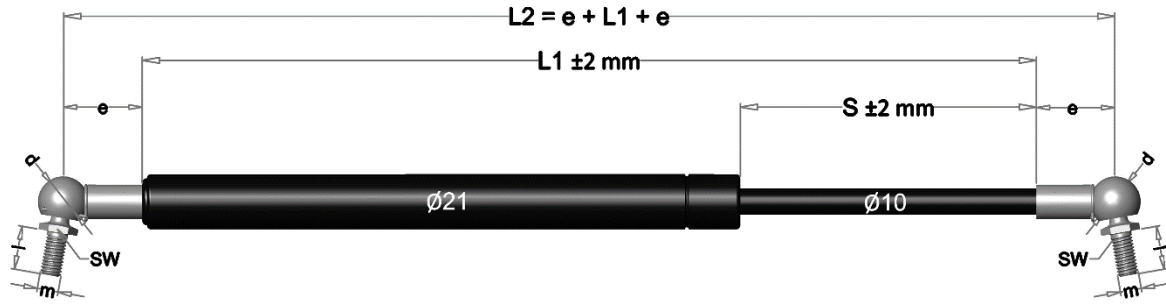




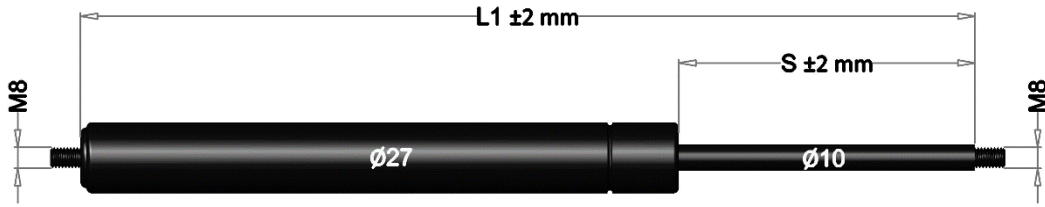
Code	d	e	Angle	Material	Surface
BH313208A	13	20	10°	11SMnPb30	Zn/White
BH313208B					Zn/Black
BH313258A		25			Zn/White
BH313258B					Zn/Black
BH313308A		30			Zn/White
BH313308B					Zn/Black



Code	Ball housing			Ball stud			Material	Surface
	d	e	Angle	m	l	SW		
BJ313208.88A	13	20	10°	M8	8	13	11SMnPb30	Zn/White
BJ313208.88B								Zn/Black
BJ313258.88A		25						Zn/White
BJ313258.88B								Zn/Black
BJ313308.88A		30						Zn/White
BJ313308.88B								Zn/Black
BJ313208.128A	13	20	10°	M8	12	13	11SMnPb30	Zn/White
BJ313208.128B								Zn/Black
BJ313258.128A		25						Zn/White
BJ313258.128B								Zn/Black
BJ313308.128A		30						Zn/White
BJ313308.128B								Zn/Black
BJ313208.158A	13	20	10°	M8	15	13	11SMnPb30	Zn/White
BJ313208.158B								Zn/Black
BJ313258.158A		25						Zn/White
BJ313258.158B								Zn/Black
BJ313308.158A		30						Zn/White
BJ313308.158B								Zn/Black
BJ313208.168A	13	20	10°	M8	16,5	13	11SMnPb30	Zn/White
BJ313208.168B								Zn/Black
BJ313258.168A		25						Zn/White
BJ313258.168B								Zn/Black
BJ313308.168A		30						Zn/White
BJ313308.168B								Zn/Black
BJ313208.208A	13	20	10°	M8	20	13	11SMnPb30	Zn/White
BJ313208.208B								Zn/Black
BJ313258.208A		25						Zn/White
BJ313258.208B								Zn/Black
BJ313308.208A		30						Zn/White
BJ313308.208B								Zn/Black



Code	Ball housing			Ball stud			Material	Surface
	d	e	Angle	m	l	SW		
<a href="#">BJ313208.228A</a>	13	20	10°	M8	22	13	11SMnPb30	Zn/White
<a href="#">BJ313208.228B</a>								Zn/Black
<a href="#">BJ313258.228A</a>								Zn/White
<a href="#">BJ313258.228B</a>								Zn/Black
<a href="#">BJ313308.228A</a>	30	30					11SMnPb30	Zn/White
<a href="#">BJ313308.228B</a>								Zn/Black
<a href="#">BJ313208.258A</a>	13	20	10°	M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ313208.258B</a>								Zn/Black
<a href="#">BJ313258.258A</a>								Zn/White
<a href="#">BJ313258.258B</a>								Zn/Black
<a href="#">BJ313308.258A</a>	30	30					11SMnPb30	Zn/White
<a href="#">BJ313308.258B</a>								Zn/Black
<a href="#">BJ313208.358A</a>	13	20	10°	M8	35	13	11SMnPb30	Zn/White
<a href="#">BJ313208.358B</a>								Zn/Black
<a href="#">BJ313258.358A</a>								Zn/White
<a href="#">BJ313258.358B</a>								Zn/Black
<a href="#">BJ313308.358A</a>	30	30					11SMnPb30	Zn/White
<a href="#">BJ313308.358B</a>								Zn/Black
<a href="#">BJ313208.150A</a>	13	20	10°	M10	15	13	11SMnPb30	Zn/White
<a href="#">BJ313208.150B</a>								Zn/Black
<a href="#">BJ313258.150A</a>								Zn/White
<a href="#">BJ313258.150B</a>								Zn/Black
<a href="#">BJ313308.150A</a>	30	30					11SMnPb30	Zn/White
<a href="#">BJ313308.150B</a>								Zn/Black
<a href="#">BJ313208.200A</a>	13	20	10°	M10	20	13	11SMnPb30	Zn/White
<a href="#">BJ313208.200B</a>								Zn/Black
<a href="#">BJ313258.200A</a>								Zn/White
<a href="#">BJ313258.200B</a>								Zn/Black
<a href="#">BJ313308.200A</a>	30	30					11SMnPb30	Zn/White
<a href="#">BJ313308.200B</a>								Zn/Black
<a href="#">BJ313208.220A</a>	13	20	10°	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ313208.220B</a>								Zn/Black
<a href="#">BJ313258.220A</a>								Zn/White
<a href="#">BJ313258.220B</a>								Zn/Black
<a href="#">BJ313308.220A</a>	30	30					11SMnPb30	Zn/White
<a href="#">BJ313308.220B</a>								Zn/Black
<a href="#">BJ313208.250A</a>	13	20	10°	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ313208.250B</a>								Zn/Black
<a href="#">BJ313258.250A</a>								Zn/White
<a href="#">BJ313258.250B</a>								Zn/Black
<a href="#">BJ313308.250A</a>	30	30					11SMnPb30	Zn/White
<a href="#">BJ313308.250B</a>								Zn/Black
<a href="#">BJ313208.300A</a>	13	20	10°	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ313208.300B</a>								Zn/Black
<a href="#">BJ313258.300A</a>								Zn/White
<a href="#">BJ313258.300B</a>								Zn/Black
<a href="#">BJ313308.300A</a>	30	30					11SMnPb30	Zn/White
<a href="#">BJ313308.300B</a>								Zn/Black

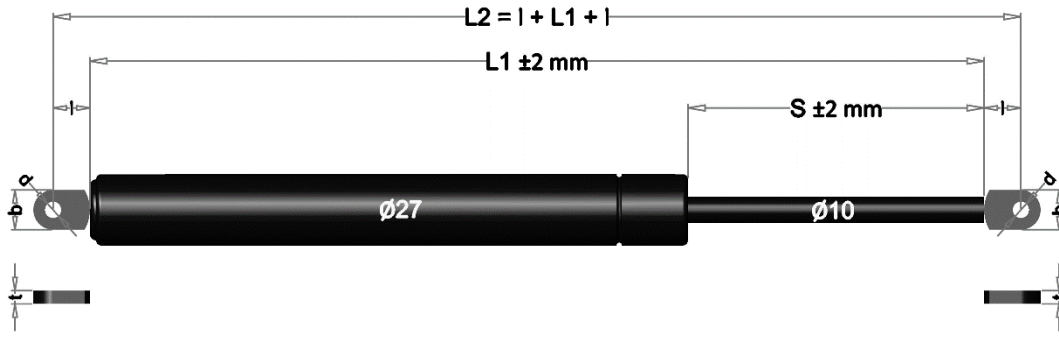


Stroke (S)	Length (L1)	Force (N)
50	150	100-1300
75	200	100-1300
100	250	100-1300
125	300	100-1300
150	350	100-1300
175	400	100-1300
200	450	100-1300
250	550	100-1300
300	650	100-1300
350	750	100-1200
400	850	100-1200
450	950	100-1200
500	1050	100-1000
550	1150	100-1000
600	1250	100-800
650	1350	100-800
700	1450	100-500
800	1650	100-500

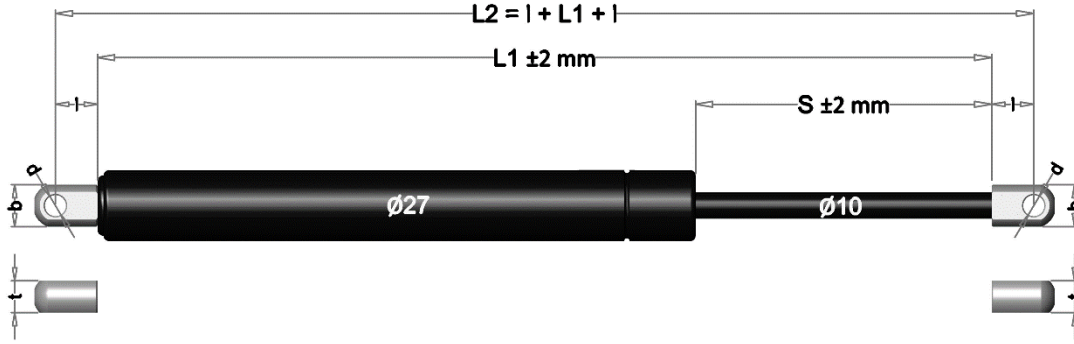
Selection of end fittings for gas spring type G1027:

End fitting type	Tube side	Rod side	Page
Welded eyelet	✓	✓	<a href="#">Go to Page 68</a>
Eyelet type EY1	✓	✓	<a href="#">Go to Page 68</a>
Eyelet type EY6	✓	✓	<a href="#">Go to Page 68</a>
Eyelet type EY2	✓	✓	<a href="#">Go to Page 69</a>
ZAMAK eyelet type 3	✓	✓	<a href="#">Go to Page 69</a>
Clevis DIN71752	✓	✓	<a href="#">Go to Page 69</a>
Clevis joint DIN71752	✓	✓	<a href="#">Go to Page 70</a>

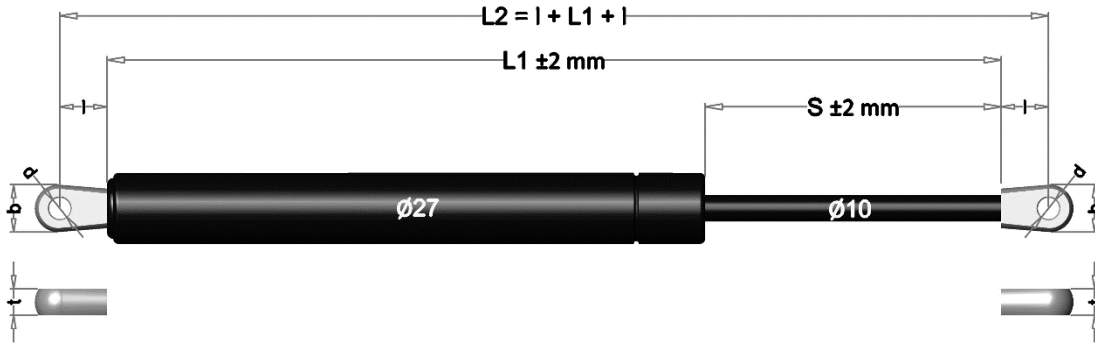
End fitting type	Tube side	Rod side	Page
 Plastic ball housing type PL4	✓	✓	<a href="#">Go to Page 70</a>
 Plastic ball joint type PBJ4	✓	✓	<a href="#">Go to Page 70</a>
 Angled plastic ball housing type PL5	✓	✓	<a href="#">Go to Page 71</a>
 Angled plastic ball joint type PBJ5	✓	✓	<a href="#">Go to Page 71</a>
 Plastic ball housing type PL6	✓	✓	<a href="#">Go to Page 72</a>
 Plastic ball joint type PBJ6	✓	✓	<a href="#">Go to Page 72</a>
 Ball housing DIN71805	✓	✓	<a href="#">Go to Page 72</a>
 Ball joint DIN71802	✓	✓	<a href="#">Go to Page 73</a>
 Angled ball housing DIN71805	✓	✓	<a href="#">Go to Page 73</a>
 Angled ball joint DIN71802	✓	✓	<a href="#">Go to Page 74</a>



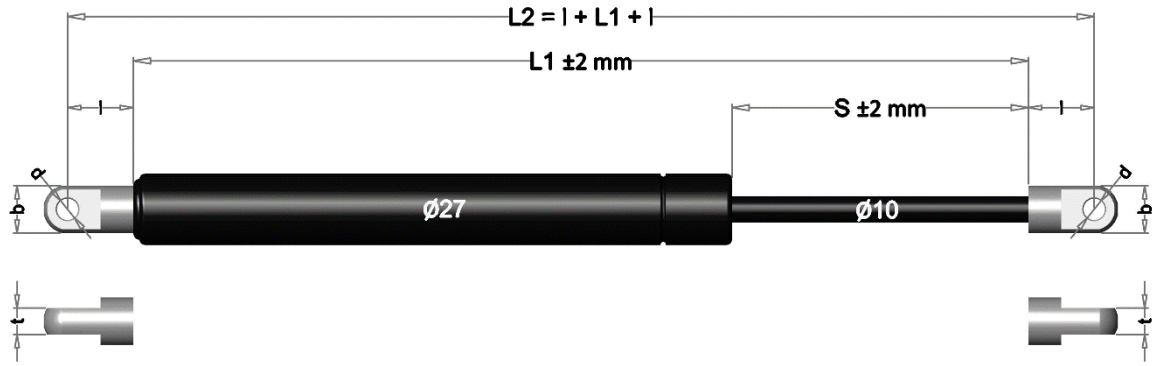
Code	d	l	b	t	Material	Surface
<a href="#">WEY1616.8T8B</a>	8,1	16	16	8	ST37	Black
<a href="#">WEY1616.8T10B</a>				10		
<a href="#">WEY1616.0T8B</a>	10,1	16	16	8	ST37	Black
<a href="#">WEY1616.0T10B</a>				10		



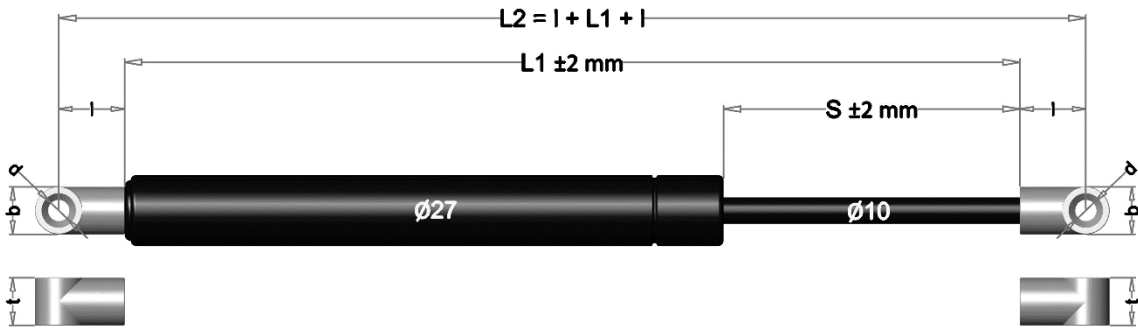
Code	d	l	b	t	Material	Surface
<a href="#">EY120188.8T10G</a>	8,1	18	20	10	2011 AL	-
<a href="#">EY120208.8T10G</a>		20				
<a href="#">EY120188.0T10G</a>	10,1	18	20	10	2011 AL	-
<a href="#">EY120208.0T10G</a>		20				
<a href="#">EY116168.8T10A</a>	8,1	16	16	10	11SMnPb30	Zn/White
<a href="#">EY116188.8T10A</a>				10		
<a href="#">EY116188.8T12A</a>				12		
<a href="#">EY116208.8T10A</a>				10		
<a href="#">EY116208.8T12A</a>	20	12				
<a href="#">EY116168.0T10A</a>	10,1	16	16	10	11SMnPb30	Zn/White
<a href="#">EY116188.0T10A</a>				10		
<a href="#">EY116208.0T10A</a>				10		
<a href="#">EY116208.0T12A</a>				12		
<a href="#">EY120298.0T12A</a>	29	20	12			



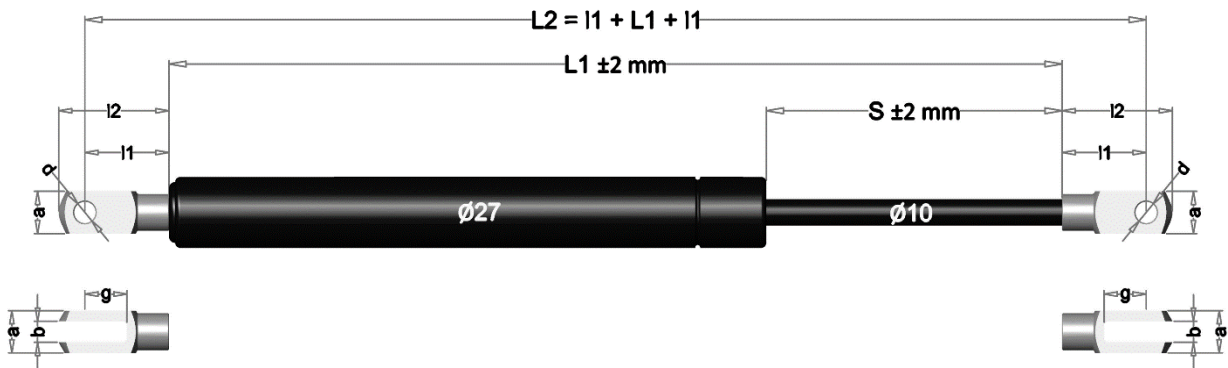
Code	d	l	b	t	Material	Surface
<a href="#">EY618188.8T10G</a>	8,1	18	18	10	2011 AL	-
<a href="#">EY618188.0T10G</a>	10,1					



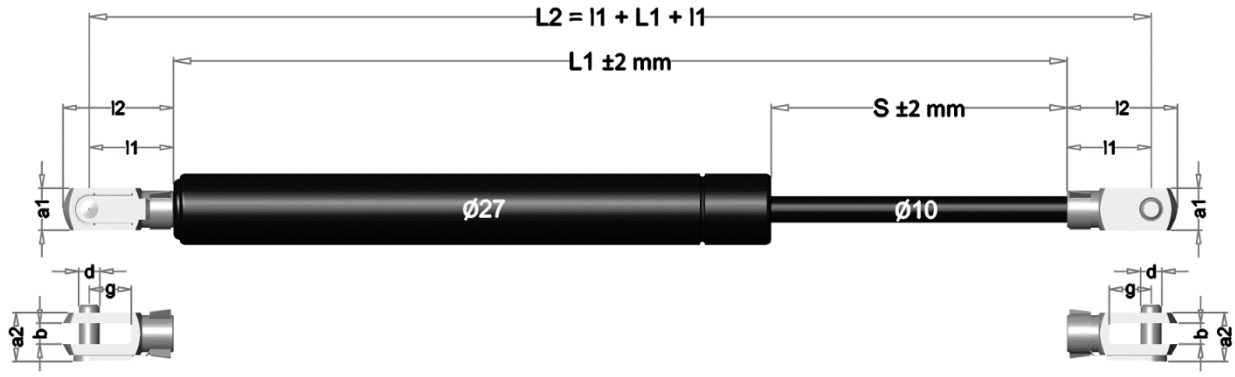
Code	d	l	b	t	Material	Surface
<a href="#">EY216208.8T10G</a>	8,1	20	16	10	2011 AL	-
<a href="#">EY215248.8T8A</a>		24	15	8	11SMnPb30	Zn/White
<a href="#">EY215288.8T85A</a>		28		8,5		
<a href="#">EY220248.0T9A</a>	10,1	24	20	9		
<a href="#">EY220358.0T10A</a>		35	10			



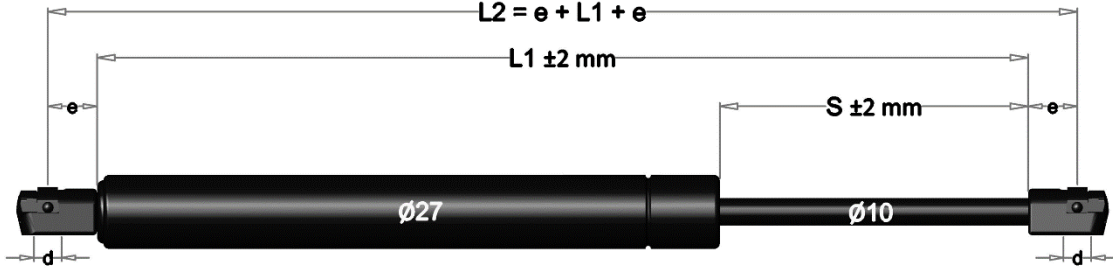
Code	d	l	b	t	Material	Surface
<a href="#">ZK318258.8T18</a>	8,1	25	18	18	Zamak 5	-
<a href="#">ZK318258.0T18</a>	10,1					



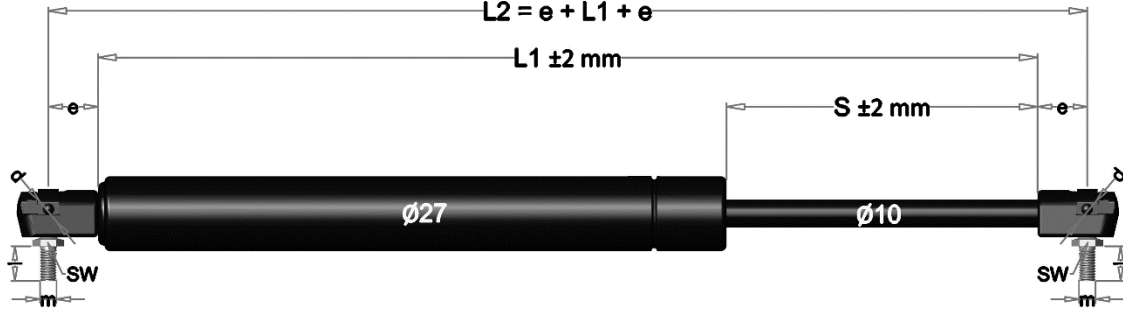
Code	d	g	l1	l2	a	b	Material	Surface
<a href="#">CV107A</a>	8,1	16	32	42	16	8	11SMnPb30	Zn/White
<a href="#">CV108A</a>		32	48	58				
<a href="#">CV109M8A</a>	10,1	20	40	52	20	10		



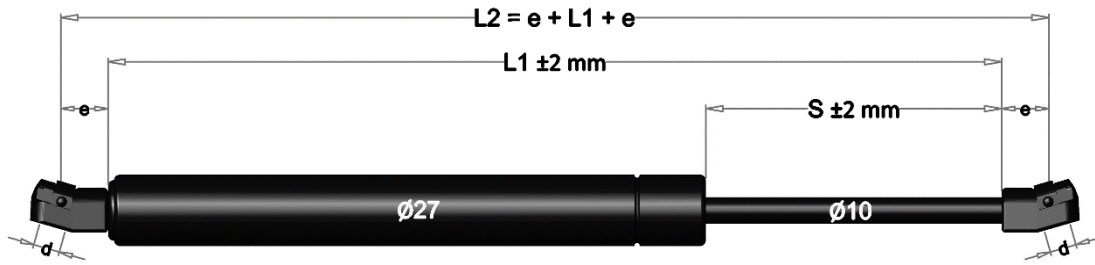
Code	d	g	l1	l2	a1	a2	b	Material	Surface
<a href="#">CC107A</a>	8	16	32	42	16	21,5	8	11SMnPb30 + CK67	Zn/White
<a href="#">CC108A</a>		32	48	58					
<a href="#">CC109.M8A</a>	10	20	40	52	20	26	10		



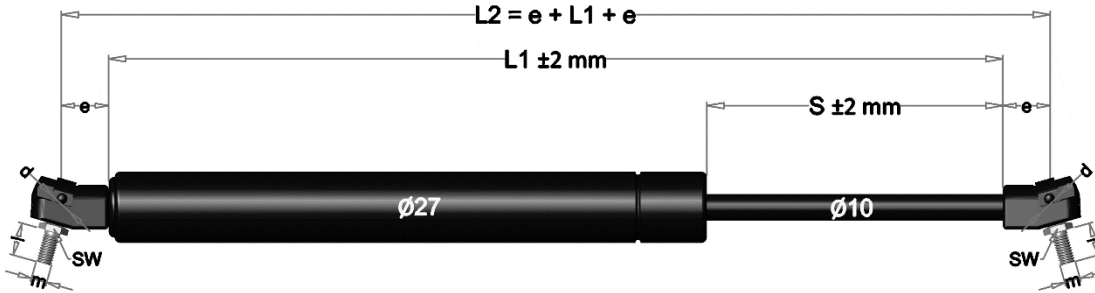
Code	d	e	Material	Colour	Thread
<a href="#">PL410188M</a>	10	18	PA66 GF30	Black	Metal



Code	Ball housing				Ball stud				
	d	e	Material	Colour	m	l	SW	Material	Surface
<a href="#">PBJ410188M.118A</a>	10	18	PA66 GF30	Black	M8	11	10	11SMnPb30	Zn/White
<a href="#">PBJ410188M.118B</a>									Zn/Black
<a href="#">PBJ410188M.118.OA</a>						11	13		Zn/White
<a href="#">PBJ410188M.118.OB</a>									Zn/Black
<a href="#">PBJ410188M.128A</a>						12,5	10		Zn/White
<a href="#">PBJ410188M.128B</a>									Zn/Black
<a href="#">PBJ410188M.138.OA</a>						13	13		Zn/White
<a href="#">PBJ410188M.138.OB</a>									Zn/Black
<a href="#">PBJ410188M.158A</a>						15	10		Zn/White
<a href="#">PBJ410188M.158B</a>									Zn/Black
<a href="#">PBJ410188M.158.OA</a>						15	13		Zn/White
<a href="#">PBJ410188M.158.OB</a>									Zn/Black
<a href="#">PBJ410188M.168.OA</a>						16,5	13		Zn/White
<a href="#">PBJ410188M.168.OB</a>									Zn/Black
<a href="#">PBJ410188M.208.OA</a>	20	13	Zn/White						
<a href="#">PBJ410188M.208.OB</a>			Zn/Black						
<a href="#">PBJ410188M.250.OA</a>	10	18	PA66 GF30	Black	M10	25	13	11SMnPb30	Zn/White
<a href="#">PBJ410188M.250.OB</a>									Zn/Black

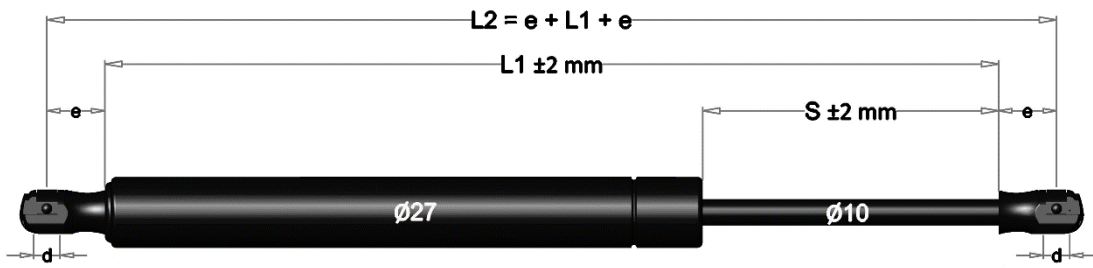


Code	d	e	Angle	Material	Colour
<i>PL510188M.A10</i>	10	18	10°	PA66 GF30	Black
<i>PL510188M.A16</i>			16°		

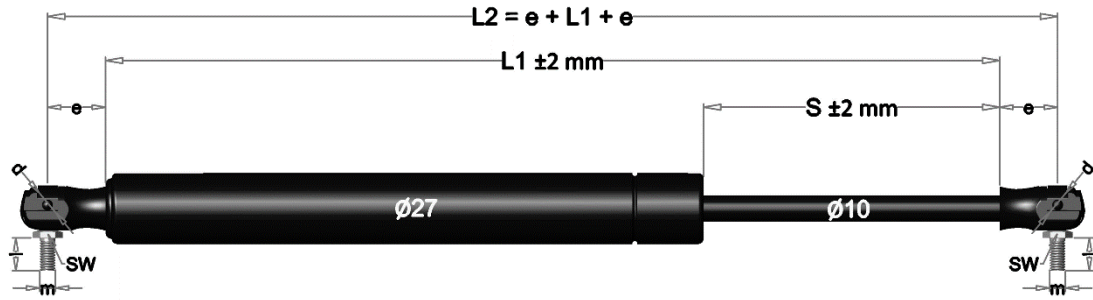


Code	Ball housing					Ball stud					
	d	e	Angle	Material	Colour	m	l	SW	Material	Surface	
<i>PBJ510188M.A10.118A</i>	10	18	10°	PA66 GF30	Black	M8		11	10	11SMnPb30	Zn/White
<i>PBJ510188M.A10.118B</i>											Zn/Black
<i>PBJ510188M.A10.118.0A</i>								11	13		Zn/White
<i>PBJ510188M.A10.118.0B</i>											Zn/Black
<i>PBJ510188M.A10.128A</i>								12,5	10		Zn/White
<i>PBJ510188M.A10.128B</i>											Zn/Black
<i>PBJ510188M.A10.138.0A</i>								13	13		Zn/White
<i>PBJ510188M.A10.138.0B</i>											Zn/Black
<i>PBJ510188M.A10.158A</i>								15	10		Zn/White
<i>PBJ510188M.A10.158B</i>											Zn/Black
<i>PBJ510188M.A10.158.0A</i>								15	13		Zn/White
<i>PBJ510188M.A10.158.0B</i>											Zn/Black
<i>PBJ510188M.A10.168.0A</i>								16,5	13		Zn/White
<i>PBJ510188M.A10.168.0B</i>											Zn/Black
<i>PBJ510188M.A10.208.0A</i>								20	13		Zn/White
<i>PBJ510188M.A10.208.0B</i>											Zn/Black
<i>PBJ510188M.A10.250.0A</i>	10	18	10°	PA66 GF30	Black	M10		25	13	11SMnPb30	Zn/White
<i>PBJ510188M.A10.250.0B</i>											Zn/Black
<i>PBJ510188M.A16.118A</i>	10	18	16°	PA66 GF30	Black	M8		6	13	11SMnPb30	Zn/White
<i>PBJ510188M.A16.118B</i>											Zn/Black
<i>PBJ510188M.A16.118.0A</i>								11	10		Zn/White
<i>PBJ510188M.A16.118.0B</i>											Zn/Black
<i>PBJ510188M.A16.128A</i>								11	13		Zn/White
<i>PBJ510188M.A16.128B</i>											Zn/Black
<i>PBJ510188M.A16.138.0A</i>								12,5	10		Zn/White
<i>PBJ510188M.A16.138.0B</i>											Zn/Black
<i>PBJ510188M.A16.158A</i>								13	13		Zn/White
<i>PBJ510188M.A16.158B</i>											Zn/Black
<i>PBJ510188M.A16.158.0A</i>								15	10		Zn/White
<i>PBJ510188M.A16.158.0B</i>											Zn/Black
<i>PBJ510188M.A16.168.0A</i>								15	13		Zn/White
<i>PBJ510188M.A16.168.0B</i>											Zn/Black
<i>PBJ510188M.A16.208.0A</i>								16,5	13		Zn/White
<i>PBJ510188M.A16.208.0B</i>											Zn/Black
<i>PBJ510188M.A16.250.0A</i>	10	18	16°	PA66 GF30	Black	M10		25	13	11SMnPb30	Zn/White
<i>PBJ510188M.A16.250.0B</i>											Zn/Black

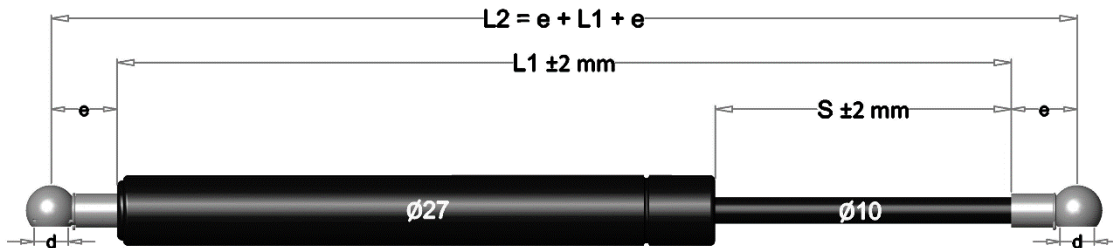




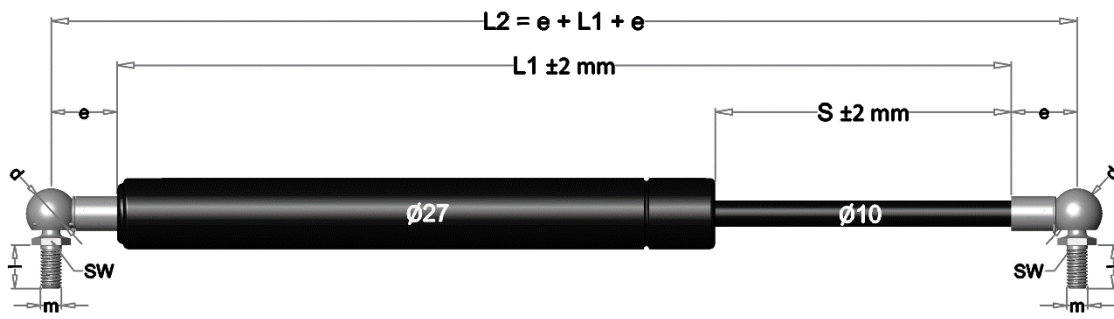
Code	d	e	Material	Colour	Thread
<a href="#">PL610228M</a>	10	18	PA66 GF30	Black	Metal



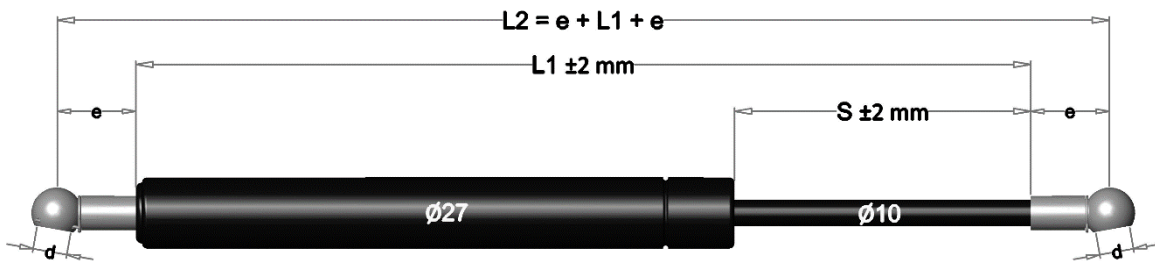
Code	Ball housing				Ball stud					
	d	e	Material	Colour	m	l	SW	Material	Surface	
<a href="#">PBJ610228M.118A</a>	10	18	PA66 GF30	Black	M8		11	10	11SMnPb30	Zn/White
<a href="#">PBJ610228M.118B</a>										Zn/Black
<a href="#">PBJ610228M.118.OA</a>							11	13		Zn/White
<a href="#">PBJ610228M.118.OB</a>										Zn/Black
<a href="#">PBJ610228M.128A</a>							12,5	10		Zn/White
<a href="#">PBJ610228M.128B</a>										Zn/Black
<a href="#">PBJ610228M.138.OA</a>							13	13		Zn/White
<a href="#">PBJ610228M.138.OB</a>										Zn/Black
<a href="#">PBJ610228M.158A</a>							15	10		Zn/White
<a href="#">PBJ610228M.158B</a>										Zn/Black
<a href="#">PBJ610228M.158.OA</a>							15	13		Zn/White
<a href="#">PBJ610228M.158.OB</a>										Zn/Black
<a href="#">PBJ610228M.168.OA</a>							16,5	13		Zn/White
<a href="#">PBJ610228M.168.OB</a>										Zn/Black
<a href="#">PBJ610228M.208.OA</a>	20	13	Zn/White							
<a href="#">PBJ610228M.208.OB</a>			Zn/Black							
<a href="#">PBJ610228M.250.OA</a>	10	18	PA66 GF30	Black	M10		25	13	11SMnPb30	Zn/White
<a href="#">PBJ610228M.250.OB</a>									Zn/Black	



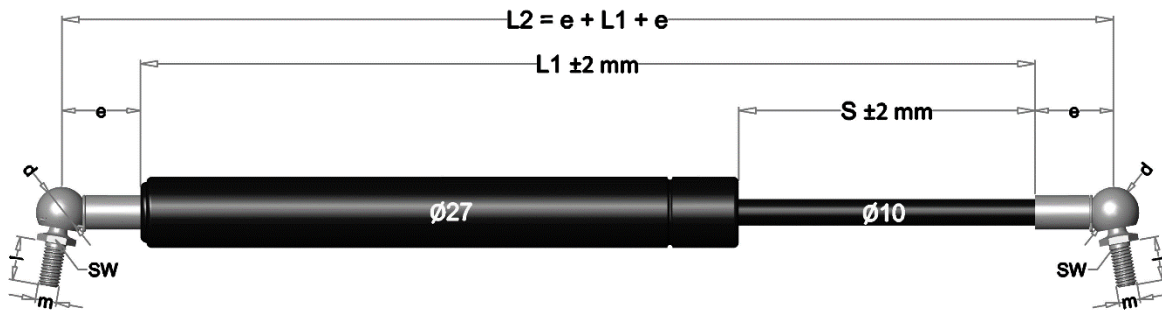
Code	d	e	Material	Surface
<a href="#">BH113258A</a>	13	25	11SMnPb30	Zn/White
<a href="#">BH113308A</a>		30		
<a href="#">BH116358A</a>	16	35	11SMnPb30	Zn/White



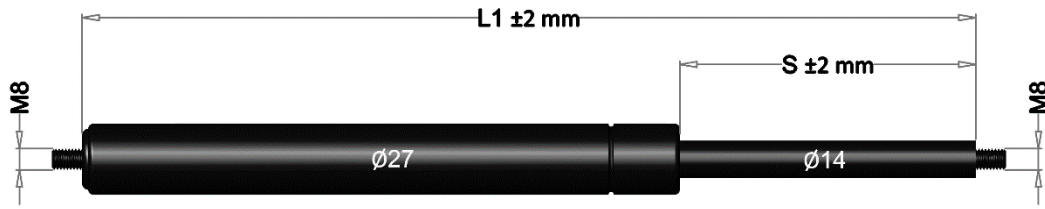
Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ113258.128A</a>	13	25	M8	12	13	11SMnPb30	Zn/White
<a href="#">BJ113308.128B</a>		30					
<a href="#">BJ113258.158A</a>	13	25	M8	15	13	11SMnPb30	Zn/White
<a href="#">BJ113308.158A</a>		30					
<a href="#">BJ113258.168A</a>	13	25	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">BJ113308.168A</a>		30					
<a href="#">BJ113258.208A</a>	13	25	M8	20	13	11SMnPb30	Zn/White
<a href="#">BJ113308.208A</a>		30					
<a href="#">BJ113258.228A</a>	13	25	M8	22	13	11SMnPb30	Zn/White
<a href="#">BJ113308.228A</a>		30					
<a href="#">BJ113258.258A</a>	13	25	M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ113308.258A</a>		30					
<a href="#">BJ113258.358A</a>	13	25	M8	35	13	11SMnPb30	Zn/White
<a href="#">BJ113308.358A</a>		30					
<a href="#">BJ113258.150A</a>	13	25	M10	15	13	11SMnPb30	Zn/White
<a href="#">BJ113308.150A</a>		30					
<a href="#">BJ113258.200A</a>	13	25	M10	20	13	11SMnPb30	Zn/White
<a href="#">BJ113308.200A</a>		30					
<a href="#">BJ113258.220A</a>	13	25	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ113308.220A</a>		30					
<a href="#">BJ113258.250A</a>	13	25	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ113308.250A</a>		30					
<a href="#">BJ113258.300A</a>	13	25	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ113308.300A</a>		30					
<a href="#">BJ116358.200A</a>	16	35	M10	20	17	11SMnPb30	Zn/White
<a href="#">BJ116358.250A</a>				25			
<a href="#">BJ116358.202A</a>				20			



Code	d	e	Angle	Material	Surface
<a href="#">BH313258A</a>	13	25	10°	11SMnPb30	Zn/White
<a href="#">BH313258B</a>					Zn/Black
<a href="#">BH313308A</a>		30			Zn/White
<a href="#">BH313308B</a>					Zn/Black






Code	Ball housing			Ball stud			Material	Surface
	d	e	Angle	m	l	SW		
<a href="#">BJ313258.128A</a>	13	25	10°	M8	12	13	11SMnPb30	Zn/White
<a href="#">BJ313258.128B</a>		30						Zn/Black
<a href="#">BJ313308.128A</a>								Zn/White
<a href="#">BJ313308.128B</a>		Zn/Black						
<a href="#">BJ313258.158A</a>	13	25	10°	M8	15	13	11SMnPb30	Zn/White
<a href="#">BJ313258.158B</a>		30						Zn/Black
<a href="#">BJ313308.158A</a>								Zn/White
<a href="#">BJ313308.158B</a>		Zn/Black						
<a href="#">BJ313258.168A</a>	13	25	10°	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">BJ313258.168B</a>		30						Zn/Black
<a href="#">BJ313308.168A</a>								Zn/White
<a href="#">BJ313308.168B</a>		Zn/Black						
<a href="#">BJ313258.208A</a>	13	25	10°	M8	20	13	11SMnPb30	Zn/White
<a href="#">BJ313258.208B</a>		30						Zn/Black
<a href="#">BJ313308.208A</a>								Zn/White
<a href="#">BJ313308.208B</a>		Zn/Black						
<a href="#">BJ313258.228A</a>	13	25	10°	M8	22	13	11SMnPb30	Zn/White
<a href="#">BJ313258.228B</a>		30						Zn/Black
<a href="#">BJ313308.228A</a>								Zn/White
<a href="#">BJ313308.228B</a>		Zn/Black						
<a href="#">BJ313258.258A</a>	13	25	10°	M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ313258.258B</a>		30						Zn/Black
<a href="#">BJ313308.258A</a>								Zn/White
<a href="#">BJ313308.258B</a>		Zn/Black						
<a href="#">BJ313258.358A</a>	13	25	10°	M8	35	13	11SMnPb30	Zn/White
<a href="#">BJ313258.358B</a>		30						Zn/Black
<a href="#">BJ313308.358A</a>								Zn/White
<a href="#">BJ313308.358B</a>		Zn/Black						
<a href="#">BJ313258.150A</a>	13	25	10°	M10	15	13	11SMnPb30	Zn/White
<a href="#">BJ313258.150B</a>		30						Zn/Black
<a href="#">BJ313308.150A</a>								Zn/White
<a href="#">BJ313308.150B</a>		Zn/Black						
<a href="#">BJ313258.200A</a>	13	25	10°	M10	20	13	11SMnPb30	Zn/White
<a href="#">BJ313258.200B</a>		30						Zn/Black
<a href="#">BJ313308.200A</a>								Zn/White
<a href="#">BJ313308.200B</a>		Zn/Black						
<a href="#">BJ313258.220A</a>	13	25	10°	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ313258.220B</a>		30						Zn/Black
<a href="#">BJ313308.220A</a>								Zn/White
<a href="#">BJ313308.220B</a>		Zn/Black						
<a href="#">BJ313258.250A</a>	13	25	10°	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ313258.250B</a>		30						Zn/Black
<a href="#">BJ313308.250A</a>								Zn/White
<a href="#">BJ313308.250B</a>		Zn/Black						
<a href="#">BJ313258.300A</a>	13	25	10°	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ313258.300B</a>		30						Zn/Black
<a href="#">BJ313308.300A</a>								Zn/White
<a href="#">BJ313308.300B</a>		Zn/Black						



Stroke (S)	Length (L1)	Force (N)
50	150	100-2500
75	200	100-2500
100	250	100-2500
125	300	100-2500
150	350	100-2500
175	400	100-2500
200	450	100-2500
250	550	100-2500
300	650	100-2500
350	750	100-2500
400	850	100-2500
450	950	100-2500
500	1050	100-2500
550	1150	100-2500
600	1250	100-1500
650	1350	100-1500
700	1450	100-1250
800	1650	100-1250

Selection of end fittings for gas spring type G1427:

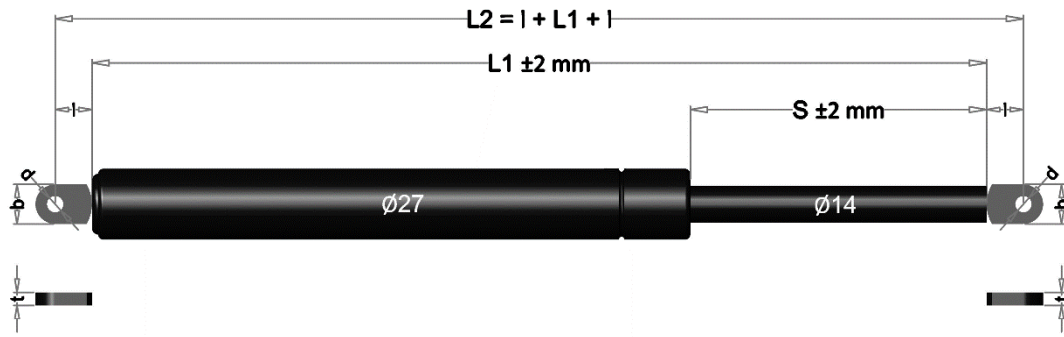
End fitting type	Tube side	Rod side	Page
Welded eyelet	✓	✓	<a href="#">Go to Page 77</a>
Eyelet type EY1	✓	✓	<a href="#">Go to Page 77</a>
Eyelet type EY6	✓	✓	<a href="#">Go to Page 77</a>
Eyelet type EY2	✓	✓	<a href="#">Go to Page 78</a>
ZAMAK eyelet type 3	✓	✓	<a href="#">Go to Page 78</a>
Clevis DIN71752	✓	✓	<a href="#">Go to Page 78</a>
Clevis joint DIN71752	✓	✓	<a href="#">Go to Page 79</a>
Ball housing DIN71805	✓	✓	<a href="#">Go to Page 79</a>

End fitting type	Tube side	Rod side	Page
 Ball joint DIN71802	✓	✓	<a href="#">Go to Page 79</a>
 Angled ball housing DIN71805	✓	✓	<a href="#">Go to Page 80</a>
 Angled ball joint DIN71802	✓	✓	<a href="#">Go to Page 81</a>

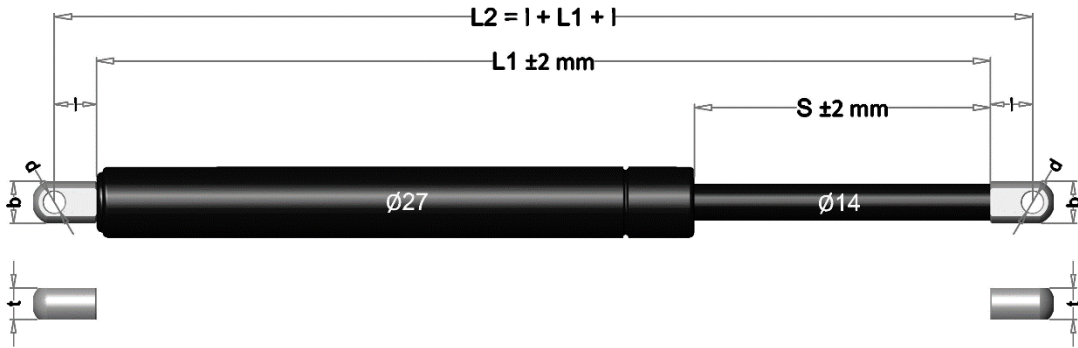
4/12  
M4-M46/15  
M6-M68/18  
M6-M68/18  
M8-M810/21  
M8-M810/27  
M8-M814/27  
M8-M814/27  
M10-M10

ADAPTERS

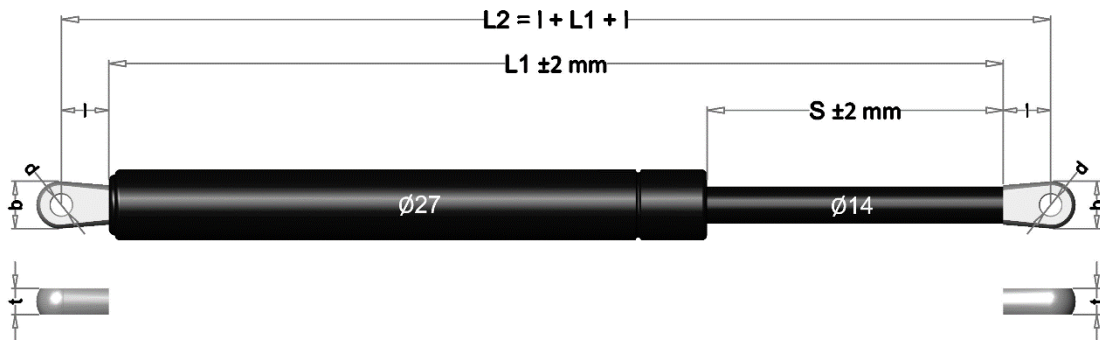
TUBES AND DUST  
PROTECTION



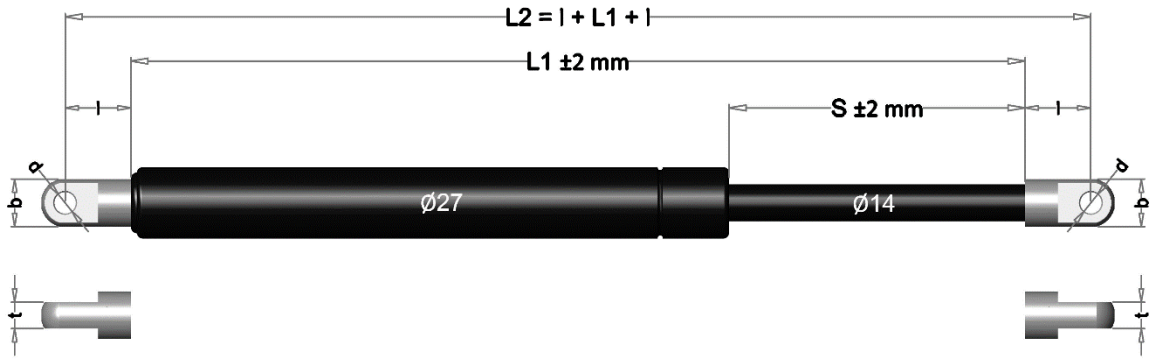
Code	d	l	b	t	Material	Surface
<a href="#">WEY1616.8T8B</a>	8,1	16	16	8	ST37	Black
<a href="#">WEY1616.8T10B</a>				10		
<a href="#">WEY1616.0T8B</a>	10,1	16	16	8	ST37	Black
<a href="#">WEY1616.0T10B</a>				10		



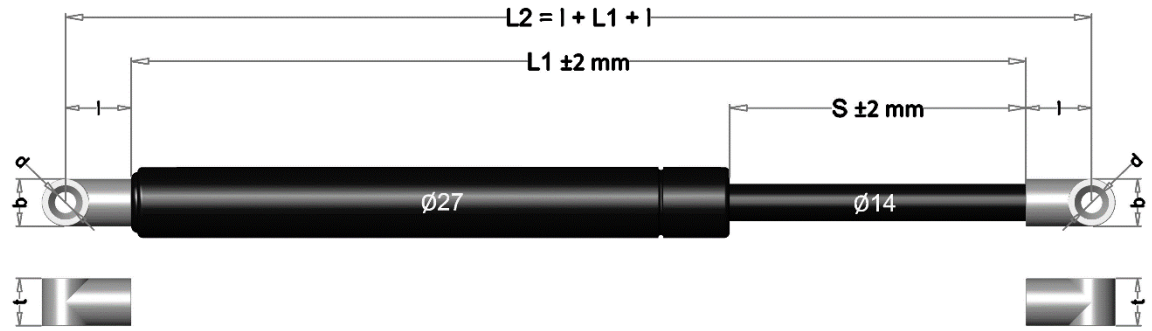
Code	d	l	b	t	Material	Surface
<a href="#">EY120188.8T10G</a>	8,1	18	20	10	2011 AL	-
<a href="#">EY120208.8T10G</a>				20		
<a href="#">EY120188.0T10G</a>	10,1	18	20	10	2011 AL	-
<a href="#">EY120208.0T10G</a>				20		
<a href="#">EY116168.8T10A</a>	8,1	18	16	10	11SMnPb30	Zn/White
<a href="#">EY116188.8T10A</a>				10		
<a href="#">EY116188.8T12A</a>				12		
<a href="#">EY116208.8T10A</a>				10		
<a href="#">EY116208.8T12A</a>	20	12				
<a href="#">EY116168.0T10A</a>	10,1	18	16	10	11SMnPb30	Zn/White
<a href="#">EY116188.0T10A</a>				10		
<a href="#">EY116208.0T10A</a>				10		
<a href="#">EY116208.0T12A</a>				12		
<a href="#">EY120298.0T12A</a>	29	20	12			



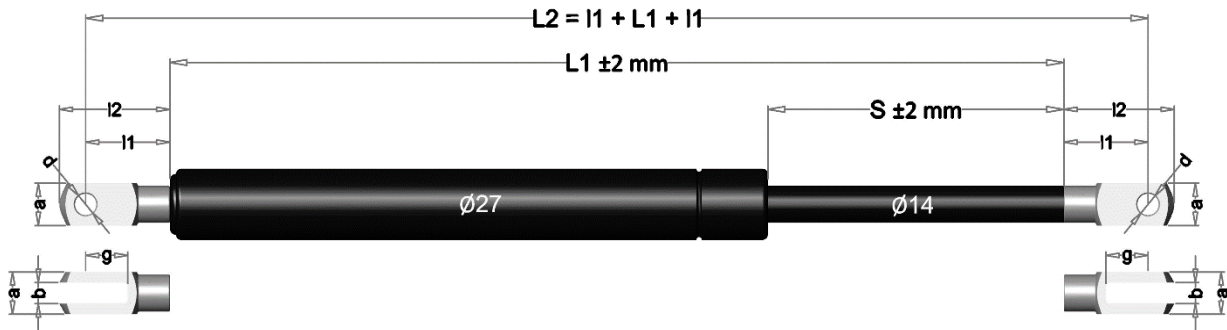
Code	d	l	b	t	Material	Surface
<a href="#">EY618188.8T10G</a>	8,1	18	18	10	2011 AL	-
<a href="#">EY618188.0T10G</a>	10,1					



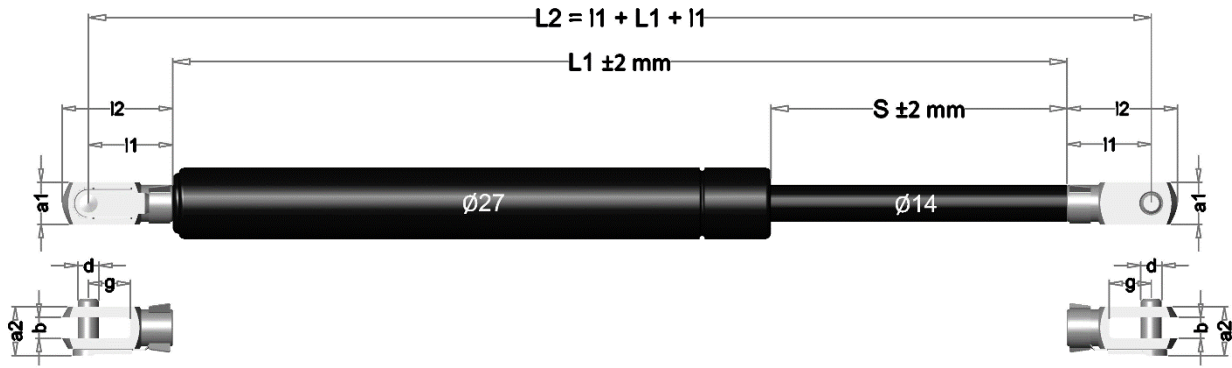
Code	d	l	b	t	Material	Surface
<a href="#">EY216208.8T10G</a>	8,1	20	16	10	2011 AL	-
<a href="#">EY215248.8T8A</a>		24	15	8		
<a href="#">EY215288.8T85A</a>		28		8,5		
<a href="#">EY220248.0T9A</a>	10,1	24	20	9	11SMnPb30	Zn/White
<a href="#">EY220358.0T10A</a>		35		10		



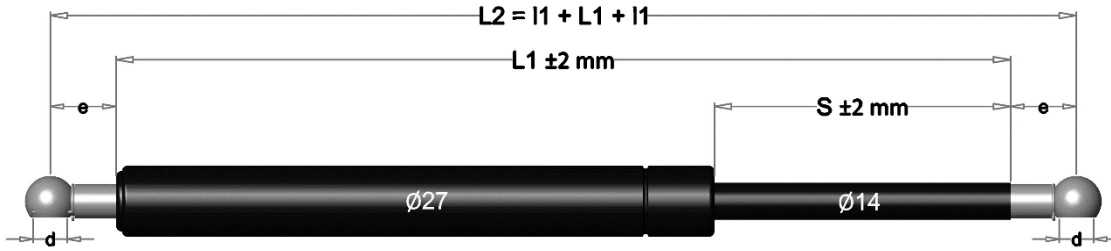
Code	d	l	b	t	Material	Surface
<a href="#">ZK318258.8T18</a>	8,1	25	18	18	Zamak 5	-
<a href="#">ZK318258.0T18</a>	10,1					



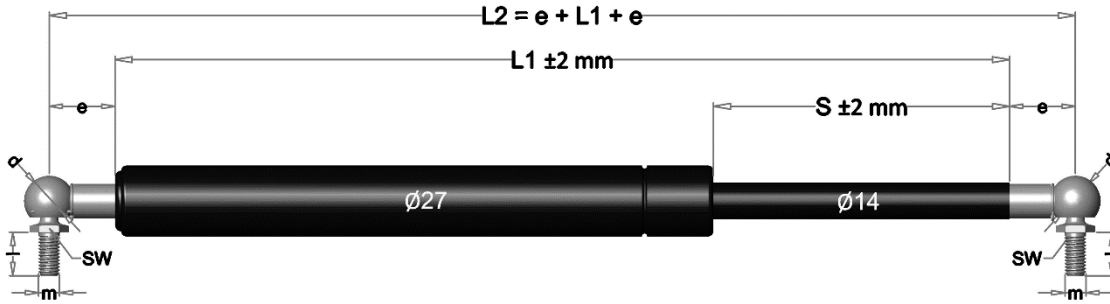
Code	d	g	l1	l2	a	b	Material	Surface
<a href="#">CV107A</a>	8,1	16	32	42	16	8	11SMnPb30	Zn/White
<a href="#">CV108A</a>		32	48	58				
<a href="#">CV109M8A</a>	10,1	20	40	52	20	10		



Code	d	g	l1	l2	a1	a2	b	Material	Surface
<a href="#">CC107A</a>	8	16	32	42	16	21,5	8	11SMnPb30 + CK67	Zn/White
<a href="#">CC108A</a>		32	48	58					
<a href="#">CC109.M8A</a>	10	20	40	52	20	26	10		

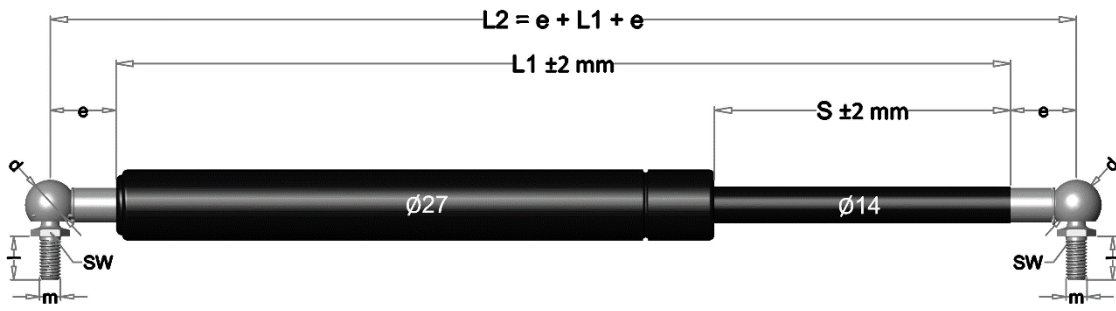


Code	d	e	Material	Surface
<a href="#">BH113258A</a>	13	25	11SMnPb30	Zn/White
<a href="#">BH113308A</a>		30		
<a href="#">BH116358A</a>	16	35	11SMnPb30	Zn/White

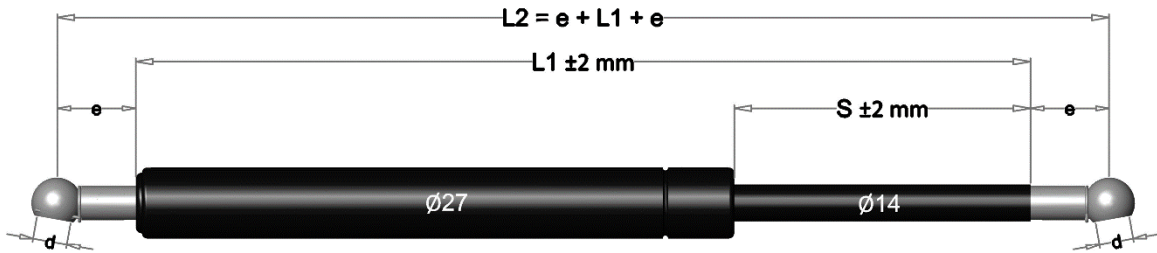


Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ113258.128A</a>	13	25	M8	12	13	11SMnPb30	Zn/White
<a href="#">BJ113308.128B</a>		30					
<a href="#">BJ113258.158A</a>	13	25	M8	15	13	11SMnPb30	Zn/White
<a href="#">BJ113308.158A</a>		30					
<a href="#">BJ113258.168A</a>	13	25	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">BJ113308.168A</a>		30					
<a href="#">BJ113258.208A</a>	13	25	M8	20	13	11SMnPb30	Zn/White
<a href="#">BJ113308.208A</a>		30					
<a href="#">BJ113258.228A</a>	13	25	M8	22	13	11SMnPb30	Zn/White
<a href="#">BJ113308.228A</a>		30					
<a href="#">BJ113258.258A</a>	13	25	M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ113308.258A</a>		30					
<a href="#">BJ113258.358A</a>	13	25	M8	35	13	11SMnPb30	Zn/White
<a href="#">BJ113308.358A</a>		30					

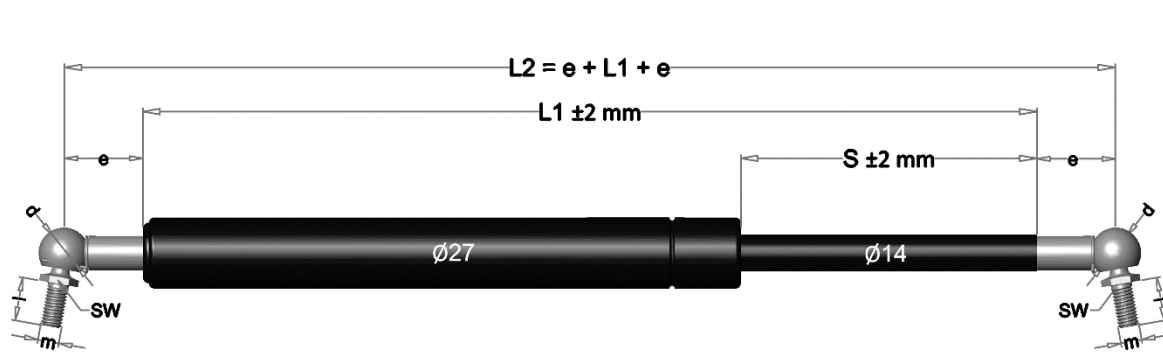




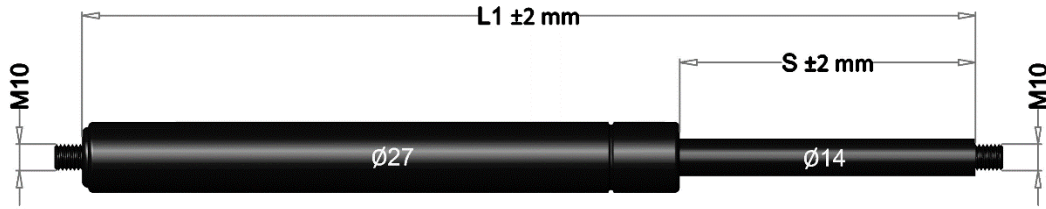
Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ113258.150A</a>	13	25	M10	15	13	11SMnPb30	Zn/White
<a href="#">BJ113308.150A</a>		30					
<a href="#">BJ113258.200A</a>	13	25	M10	20	13	11SMnPb30	Zn/White
<a href="#">BJ113308.200A</a>		30					
<a href="#">BJ113258.220A</a>	13	25	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ113308.220A</a>		30					
<a href="#">BJ113258.250A</a>	13	25	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ113308.250A</a>		30					
<a href="#">BJ113258.300A</a>	13	25	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ113308.300A</a>		30					
<a href="#">BJ116358.200A</a>	16	35	M10	20	17	11SMnPb30	Zn/White
<a href="#">BJ116358.250A</a>				25			
<a href="#">BJ116358.202A</a>				20			



Code	d	e	Angle	Material	Surface
<a href="#">BH313258A</a>	13	25	10°	11SMnPb30	Zn/White
<a href="#">BH313258B</a>					Zn/Black
<a href="#">BH313308A</a>		30			Zn/White
<a href="#">BH313308B</a>					Zn/Black



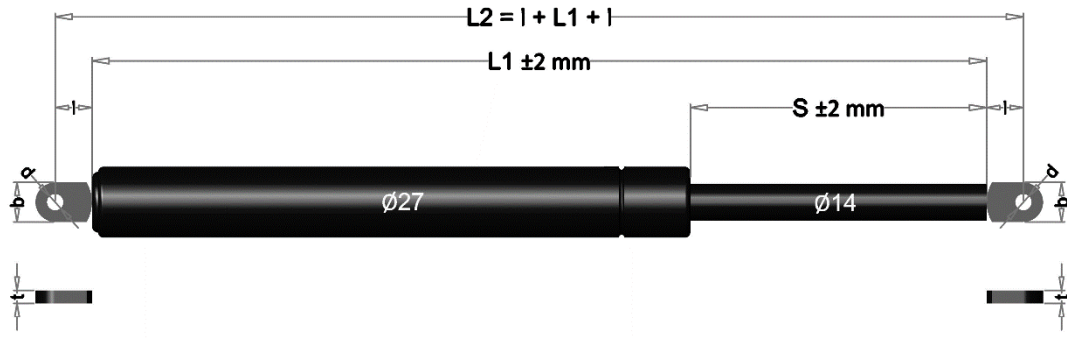
Code	Ball housing			Ball stud			Material	Surface
	d	e	Angle	m	l	SW		
<a href="#">BJ313258.128A</a>	13	25	10°	M8	12	13	11SMnPb30	Zn/White
<a href="#">BJ313258.128B</a>								Zn/Black
<a href="#">BJ313308.128A</a>	13	30	10°	M8	15	13	11SMnPb30	Zn/White
<a href="#">BJ313308.128B</a>								Zn/Black
<a href="#">BJ313258.158A</a>	13	25	10°	M8	16,5	13	11SMnPb30	Zn/White
<a href="#">BJ313258.158B</a>								Zn/Black
<a href="#">BJ313308.158A</a>	13	30	10°	M8	20	13	11SMnPb30	Zn/White
<a href="#">BJ313308.158B</a>								Zn/Black
<a href="#">BJ313258.168A</a>	13	25	10°	M8	22	13	11SMnPb30	Zn/White
<a href="#">BJ313258.168B</a>								Zn/Black
<a href="#">BJ313308.168A</a>	13	30	10°	M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ313308.168B</a>								Zn/Black
<a href="#">BJ313258.208A</a>	13	25	10°	M8	35	13	11SMnPb30	Zn/White
<a href="#">BJ313258.208B</a>								Zn/Black
<a href="#">BJ313308.208A</a>	13	30	10°	M8	15	13	11SMnPb30	Zn/White
<a href="#">BJ313308.208B</a>								Zn/Black
<a href="#">BJ313258.228A</a>	13	25	10°	M8	22	13	11SMnPb30	Zn/White
<a href="#">BJ313258.228B</a>								Zn/Black
<a href="#">BJ313308.228A</a>	13	30	10°	M8	25	13	11SMnPb30	Zn/White
<a href="#">BJ313308.228B</a>								Zn/Black
<a href="#">BJ313258.258A</a>	13	25	10°	M8	30	13	11SMnPb30	Zn/White
<a href="#">BJ313258.258B</a>								Zn/Black
<a href="#">BJ313308.258A</a>	13	30	10°	M8	15	13	11SMnPb30	Zn/White
<a href="#">BJ313308.258B</a>								Zn/Black
<a href="#">BJ313258.358A</a>	13	25	10°	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ313258.358B</a>								Zn/Black
<a href="#">BJ313308.358A</a>	13	30	10°	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ313308.358B</a>								Zn/Black
<a href="#">BJ313258.150A</a>	13	25	10°	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ313258.150B</a>								Zn/Black
<a href="#">BJ313308.150A</a>	13	30	10°	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ313308.150B</a>								Zn/Black
<a href="#">BJ313258.200A</a>	13	25	10°	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ313258.200B</a>								Zn/Black
<a href="#">BJ313308.200A</a>	13	30	10°	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ313308.200B</a>								Zn/Black
<a href="#">BJ313258.220A</a>	13	25	10°	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ313258.220B</a>								Zn/Black
<a href="#">BJ313308.220A</a>	13	30	10°	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ313308.220B</a>								Zn/Black
<a href="#">BJ313258.250A</a>	13	25	10°	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ313258.250B</a>								Zn/Black
<a href="#">BJ313308.250A</a>	13	30	10°	M10	25	13	11SMnPb30	Zn/White
<a href="#">BJ313308.250B</a>								Zn/Black
<a href="#">BJ313258.300A</a>	13	25	10°	M10	30	13	11SMnPb30	Zn/White
<a href="#">BJ313258.300B</a>								Zn/Black
<a href="#">BJ313308.300A</a>	13	30	10°	M10	22	13	11SMnPb30	Zn/White
<a href="#">BJ313308.300B</a>								Zn/Black



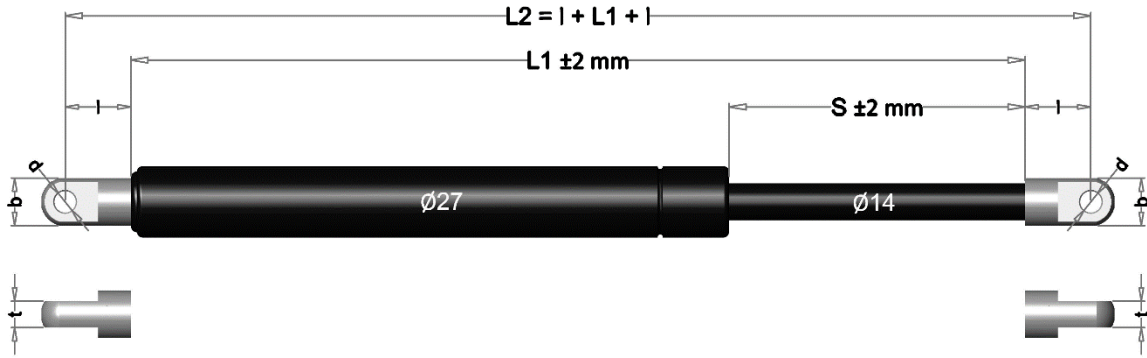
Stroke (S)	Length (L1)	Force (N)
50	150	100-2500
75	200	100-2500
100	250	100-2500
125	300	100-2500
150	350	100-2500
175	400	100-2500
200	450	100-2500
250	550	100-2500
300	650	100-2500
350	750	100-2500
400	850	100-2500
450	950	100-2500
500	1050	100-2500
550	1150	100-2500
600	1250	100-1500
650	1350	100-1500
700	1450	100-1250
800	1650	100-1250

Selection of end fittings for gas spring type G1427:

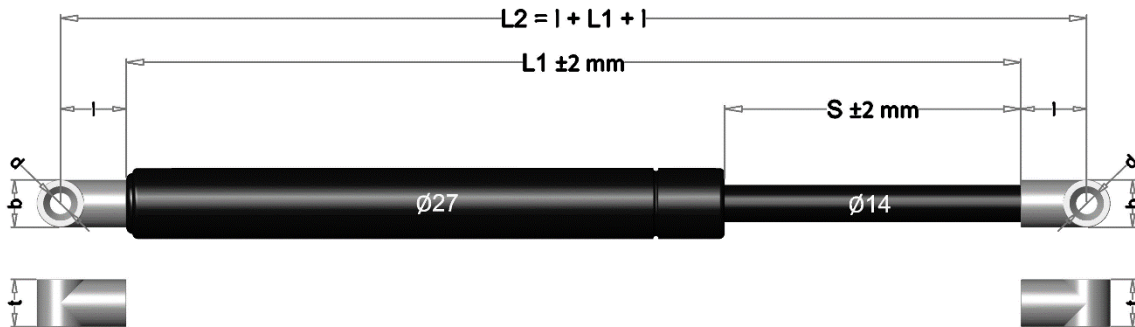
End fitting type	Tube side	Rod side	Page
Welded eyelet	✓	✓	<a href="#">Go to Page 83</a>
Eyelet type EY2	✓	✓	<a href="#">Go to Page 83</a>
ZAMAK eyelet type 3	✓	✓	<a href="#">Go to Page 83</a>
Clevis DIN71752	✓	✓	<a href="#">Go to Page 84</a>
Clevis joint DIN71752	✓	✓	<a href="#">Go to Page 84</a>
Ball housing DIN71805	✓	✓	<a href="#">Go to Page 84</a>
Ball joint DIN71802	✓	✓	<a href="#">Go to Page 85</a>



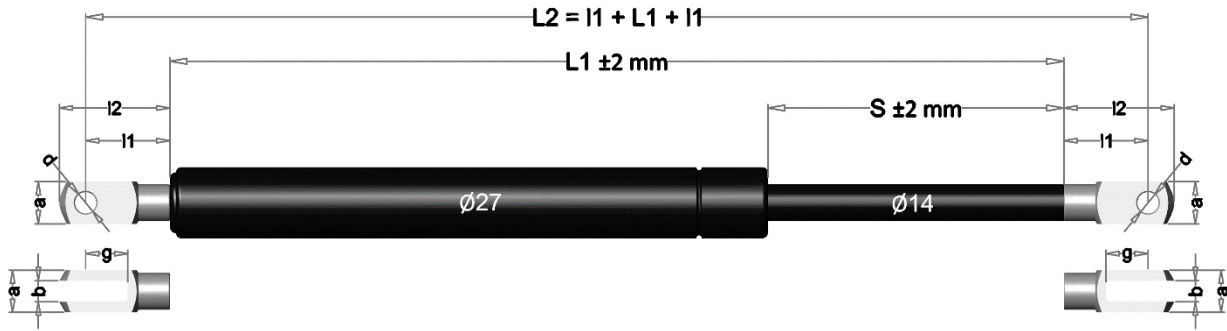
Code	d	l	b	t	Material	Surface
<a href="#">WEY1616.8T8B</a>	8,1	16	16	8	ST37	Black
<a href="#">WEY1616.8T10B</a>				10		
<a href="#">WEY1616.0T8B</a>	10,1			8		
<a href="#">WEY1616.0T10B</a>				10		



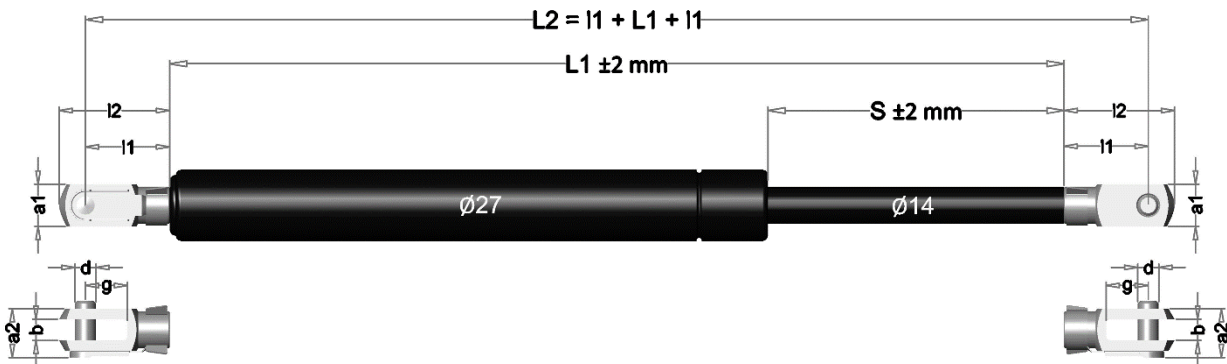
Code	d	l	b	t	Material	Surface
<a href="#">EY220250.8T12A</a>	8,1	25	20	12	11SMnPb30	Zn/White
<a href="#">EY218270.8T10A</a>		27	18	10		
<a href="#">EY218300.8T10A</a>		30	18	10		
<a href="#">EY220350.8T10A</a>		35	20	10		
<a href="#">EY220250.0T12A</a>	10,1	25	20	12	11SMnPb30	Zn/White
<a href="#">EY218270.0T10A</a>		27	18	10		
<a href="#">EY2183000T10A</a>		30	18	10		
<a href="#">EY220300.0T10A</a>		30	20	10		
<a href="#">EY220350.0T10A</a>		35	20	10		
<a href="#">EY220400.0T10A</a>	12,1	30	20	10	11SMnPb30	Zn/White
<a href="#">EY220300.2T10A</a>						



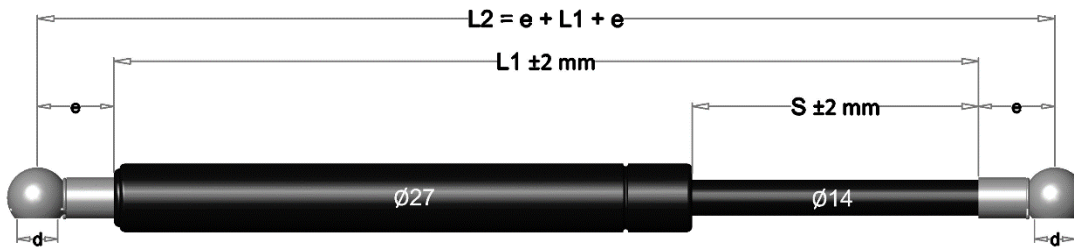
Code	d	l	b	t	Material	Surface
<a href="#">ZK318250.8T18</a>	8,1	25	18	18	Zamak 5	-
<a href="#">ZK318250.0T18</a>	10,1					



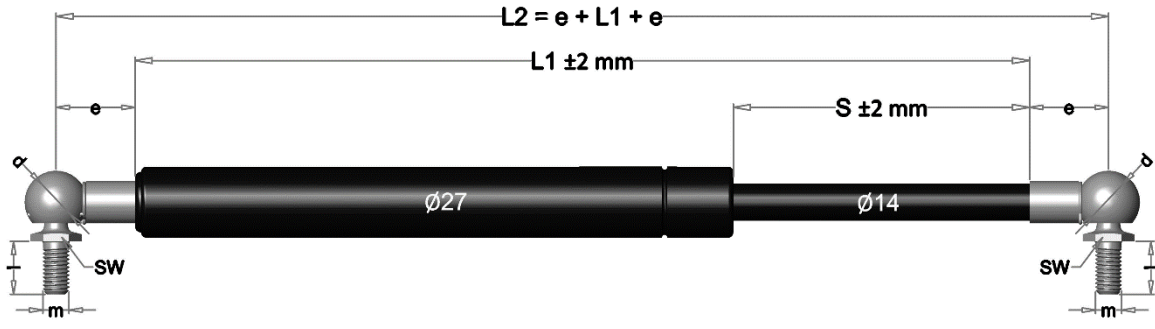
Code	d	g	l1	l2	a	b	Material	Surface
<i>CV107.M10A</i>	8,1	16	32	42	16	8	11SMnPb30	Zn/White
<i>CV109A</i>	10,1	20	40	52	20	10		
<i>CV110A</i>		40	60	72				



Code	d	g	l1	l2	a1	a2	b	Material	Surface
<i>CC107M10A</i>	8	16	32	42	16	21,5	8	11SMnPb30 + CK67	Zn/White
<i>CC109A</i>	10	20	40	52	20	26	10		
<i>CC110A</i>		40	60	72					

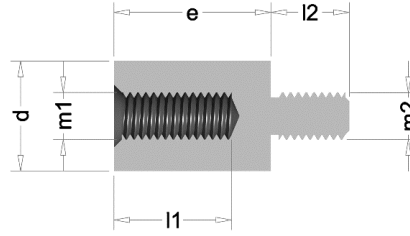


Code	d	e	Material	Surface
<i>BH116270A</i>	16	27	11SMnPb30	Zn/White
<i>BH116270B</i>				Zn/Black
<i>BH116300A</i>		30		Zn/White
<i>BH116300B</i>				Zn/Black
<i>BH116350A</i>		35		Zn/White
<i>BH116350B</i>				Zn/Black



Code	Ball housing		Ball stud			Material	Surface
	d	e	m	l	SW		
<a href="#">BJ116270.200A</a>	16	27	M10	20	17	11SMnPb30	Zn/White
<a href="#">BJ116270.200B</a>				25			Zn/Black
<a href="#">BJ116270.250A</a>				25			Zn/White
<a href="#">BJ116270.250B</a>			25	Zn/Black			
<a href="#">BJ116270.202A</a>			M12	20			Zn/White
<a href="#">BJ116270.202B</a>				20			Zn/Black
<a href="#">BJ116300.200A</a>	16	30	M10	20	17	11SMnPb30	Zn/White
<a href="#">BJ116300.200B</a>				25			Zn/Black
<a href="#">BJ116300.250A</a>				25			Zn/White
<a href="#">BJ116300.250B</a>			25	Zn/Black			
<a href="#">BJ116300.202A</a>			M12	20			Zn/White
<a href="#">BJ116300.202B</a>				20			Zn/Black
<a href="#">BJ116350.200A</a>	16	35	M10	20	17	11SMnPb30	Zn/White
<a href="#">BJ116350.200B</a>				25			Zn/Black
<a href="#">BJ116350.250A</a>				25			Zn/White
<a href="#">BJ116350.250B</a>			25	Zn/Black			
<a href="#">BJ116350.202A</a>			M12	20			Zn/White
<a href="#">BJ116350.202B</a>				20			Zn/Black

# ADAPTERS



Code	m1	m2	d	e	min. l1	l2	Material	Surface
<a href="#">AD06_55B</a>	M5	M5	6	10-80	7	7	11SMnPb30	Zn/Black
<a href="#">AD08_55B</a>			8					
<a href="#">AD10_55B</a>			10					
<a href="#">AD12_55B</a>			12					
<a href="#">AD08_66B</a>	M6	M6	8	10-80	8	7	11SMnPb30	Zn/Black
<a href="#">AD10_66B</a>			10					
<a href="#">AD12_66B</a>			12					
<a href="#">AD14_66B</a>			14					
<a href="#">AD08_68B</a>	M6	M8	8	10-80	8	8	11SMnPb30	Zn/Black
<a href="#">AD10_68B</a>			10					
<a href="#">AD12_68B</a>			12					
<a href="#">AD14_68B</a>			14					
<a href="#">AD16_68B</a>	M8	M6	16	10-80	8	7	11SMnPb30	Zn/Black
<a href="#">AD10_86B</a>			10					
<a href="#">AD12_86B</a>			12					
<a href="#">AD14_86B</a>			14					
<a href="#">AD18_86B</a>	M8	M8	18	10-80	8	8	11SMnPb30	Zn/Black
<a href="#">AD10_88B</a>			10					
<a href="#">AD12_88B</a>			12					
<a href="#">AD14_88B</a>			14					
<a href="#">AD16_88B</a>	M8	M10	16	10-80	8	10	11SMnPb30	Zn/Black
<a href="#">AD18_88B</a>			18					
<a href="#">AD22_88B</a>			22					
<a href="#">AD28_88B</a>			28					
<a href="#">AD12_00B</a>	M10	M10	12	10-80	11	10	11SMnPb30	Zn/Black
<a href="#">AD14_00B</a>			14					
<a href="#">AD16_00B</a>			16					
<a href="#">AD18_00B</a>			18					
<a href="#">AD22_00B</a>			22					
<a href="#">AD28_00B</a>			28					
<a href="#">AD40_00B</a>	40							

4/12  
M4-M4

6/15  
M6-M6

8/18  
M6-M6

8/18  
M8-M8

10/21  
M8-M8

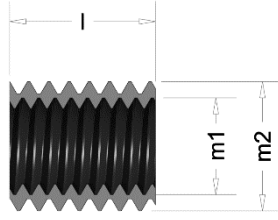
10/27  
M8-M8

14/27  
M8-M8

14/27  
M10-M10

ADAPTERS

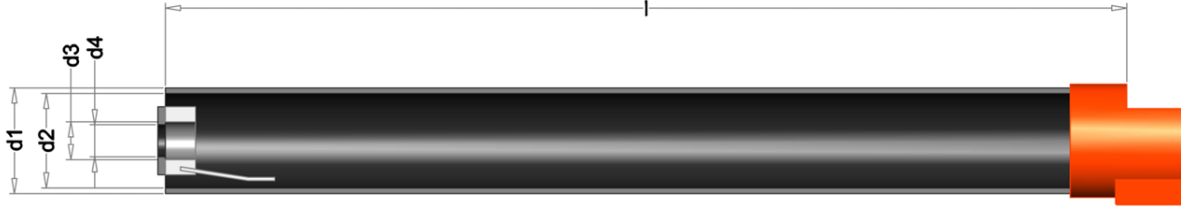
TUBES AND DUST  
PROTECTION



Code	m1	m2	l	Material	Surface
AD45	M4	M5	6-10	11SMnPb30	Zn/Black
AD56	M5	M6	6-10		
AD68	M6	M8	7-10		
AD80	M8	M10	7-11		

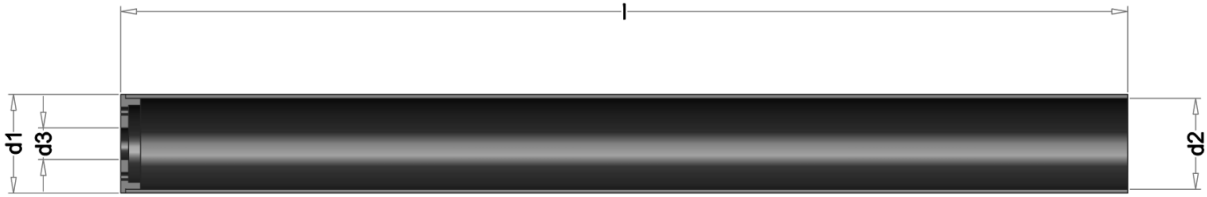


## LOCKING TUBE



Code	Tube diameter	Rod diameter	d1	d2	d3	d4	l	Material	Surface
<b>LT818</b>	18/19	8	25	22	8	6	0-700	PA66 GF30 + Steel	Painted
<b>LT1022</b>	21/22	10	28	25	10	8	0-700		
<b>LT1428</b>	27/28	14	32	30	14	10	0-700		

## PROTECTION TUBE



Code	Tube diameter	Rod diameter	d1	d2	d3	l	Material
<b>PT818</b>	18/19	8	22	20	6	0-1000	Plastic
<b>PT1022</b>	21/22	10	25	23	8	0-1000	
<b>PT1428</b>	27/28	14	32	30	10	0-1000	

4/12  
M4-M4

6/15  
M6-M6

8/18  
M6-M6

8/18  
M8-M8

10/21  
M8-M8

10/27  
M8-M8

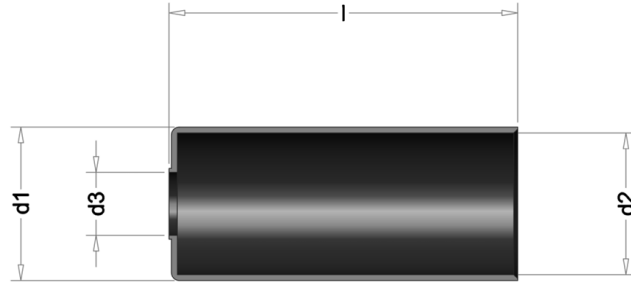
14/27  
M8-M8

14/27  
M10-M10

ADAPTERS

TUBES AND DUST  
PROTECTION

# DUST PROTECTION



Code	Tube diameter	Rod diameter	d1	d2	d3	l	Material
<i>DP615</i>	15	6	17,5	16	6	22	Plastic
<i>DP818</i>	18	8	19,5	18	8	44	
<i>DP1019</i>	19	10	20,5	19	10	42	
<i>DP1022</i>	22		24,5	22	10	46,5	
<i>DP1027</i>	27		29,5	27	10	49	
<i>DP1028</i>	28		30,5	28	10	49	

## Notes

A series of horizontal dotted lines for writing notes.



# MK GAS SPRINGS

*Mastering Motion Technology*



[www.mkgassprings.com](http://www.mkgassprings.com)

MK MATERIAL Oto. San. ve Tic. Ltd. Şti.

+90 212 485 06 85

[info@mkgassprings.com](mailto:info@mkgassprings.com)