

For use with a male clevis

CLR
CLRss

- For attaching a gas spring
- Materials:
Steel
316L stainless steel

Advantages

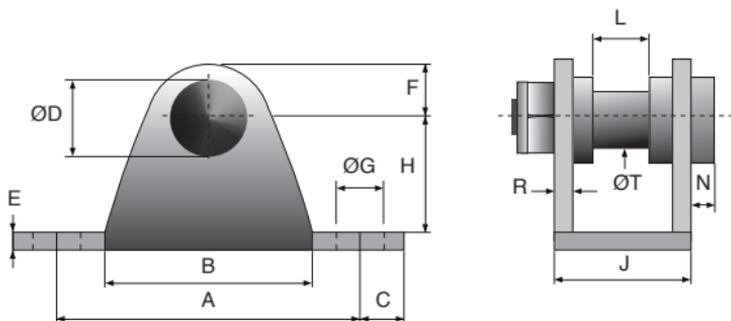
- Allows gas springs to be mounted using a mounting plate and a **CLM** male clevis

Accessories

- **CLM** male clevis (tome 1 p.329)



steel or stainless steel



DISCOUNTS

Qty	1+	6+	10+	15+	20+
Disc.	List	-10%	-15%	-20%	On request

Part number	A	B	C	E	F	ØG	H	J	ØD	ØT	N	L	R	Max load (N)	Stock*	Price each 1 to 5
Steel																
CLR-6	51	36	9,5	2,5	9	6,5	20	18	13	6	4,0	6,5	2,5	500	✓	17,81 €
CLR-8	51	36	9,5	2,5	9	6,5	20	18	13	8	4,0	13	2,5	1800	✓	17,81 €
Stainless steel																
CLR-6/SS	51	36	9,5	2,5	9	6,5	20	18	13	6	4,0	6,5	2,5	500	-	157,09 €
CLR-8/SS	51	36	9,5	2,5	9	6,5	20	18	13	8	4,0	13	2,5	1800	✓	144,00 €

*Depending on availability - Dimensions in mm

Right angled mounting plate

SteStaStock

For ball joint or clevis

CNA
CNG

- For attaching a gas spring

- Materials:

Steel

316L stainless steel

Advantages

- Allows gas springs to be mounted by combining a mounting plate with a RAS/IBJ ball joint or a CLM clevis

Accessories

- RAS ball joint (tome 1 p.325)
or CLM clevis (tome 1 p.329)

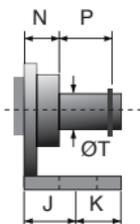
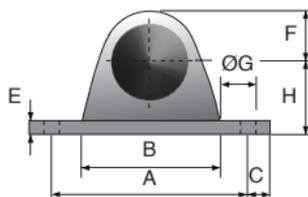
steel or
stainless steel



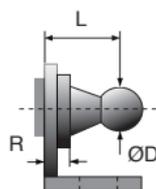
CNA



CNG



CNA
Use with a clevis



CNG
Use with a ball joint



DISCOUNTS

Qty	1+	6+	10+	15+	20+
Disc.	List	-10%	-15%	-20%	On request

Use with a clevis

Part number	Steel	S/steel	A	B	C	E	F	ØG	H	J	K	ØT	N	P	Max load (N)	Price each 1 to 5	
																Steel	S/steel
CNA-4	-		19	16	3	1,5	4	3,4	10	5,75	4,25	4	3,5	4,5	180	15,81 €	-
CNA-6	CNA-6/SS		40	34	5	2	10	5,3	16	10	10	6	6,0	7	400	17,81 €	70,69 €
CNA-8	CNA-8/SS		40	34	5	2	10	5,3	16	10	10	8	7,0	11	1800	17,81 €	51,59 €

Use with a ball joint

Part number	Steel	S/steel	A	B	C	E	F	ØG	H	J	K	ØD	L	R	Max load (N)	Price each 1 to 5	
																Steel	S/steel
CNG-3,5	-		19	16	3	1,5	4	3,4	10	5,75	4,25	8	12,5	4,5	180	32,61 €	-
CNG-5	CNG-5/SS		40	34	5	2	10	5,3	16	10	10	8	13	5	400	17,81 €	72,67 €
CNG-8	CNG-8/SS		40	34	5	2	10	5,3	16	10	10	13	14,5	5	1800	18,42 €	72,67 €

*Depending on availability - Dimensions in mm

For ball joint or clevis

steel or stainless steel

COA
COG

- For attaching a gas spring
- Materials:
Steel
316L stainless steel

Advantages

- Allows gas springs to be mounted by combining a mounting plate with a **RAS/IBJ** ball joint or a **CLM** clevis

Accessories

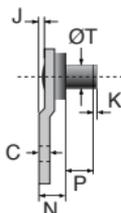
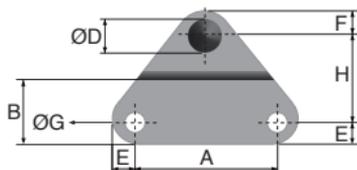
- **RAS** ball joint (tome 1 p.325) or **CLM** clevis (tome 1 p.329)



COA

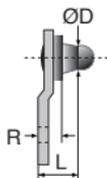


COG



COA

Use with a clevis



COG

Use with a ball joint



DISCOUNTS

Qty	1+	6+	10+	15+	20+
Disc.	List	-10%	-15%	-20%	On request

Use with a clevis

Part number	Steel	S/steel	A	B	C	E	F	ØG	H	J	K	ØT	N	P	Max load (N)	Price each 1 to 5	
																Steel	S/steel
COA-4	-		18	13	1,5	5	5	4,3	16	1	2	4	4,5	4,5	180	18,57 €	-
COA-6	COA-6/SS		18	13	1,5	5	5	4,3	15,6	1	2,5	6	6,5	6,5	180	17,81 €	93,75 €
COA-8	COA-8/SS		55	23	3	7	10	5,3	30	2	5	8	10,0	11	1200	17,81 €	73,31 €

Use with a ball joint

Part number	Steel	S/steel	A	B	C	E	F	ØG	H	J	ØD	L	R	Max load (N)	Price each 1 to 5	
															Steel	S/steel
COG-3,5	-		18	13	1,5	5	5	4,3	16	1	8	13,5	5,5	180	17,41 €	-
COG-5	COG-5/SS		18	13	1,5	5	5	4,3	15,6	1	8	13,5	5,5	180	17,81 €	91,64 €
COG-8	COG-8/SS		55	23	3	7	10	5,3	30	2	13	17,5	8	1200	18,25 €	90,52 €

*Depending on availability - Dimensions in mm

180° ball and socket joint steel or stainless steel Stock Ste

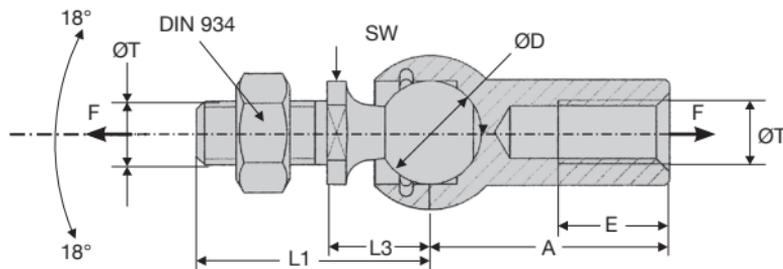
IBJ Steel/steel or stainless steel/stainless steel contact

IBJss

- **Inline ball and socket joint similar to DIN 71802**
- Body to DIN 71805
- Stem to DIN 71803
- **Materials:**
 - Zinc plated steel
 - Stainless steel 1.4305 (A2 stainless steel)



Steel or
stainless steel



DISCOUNTS / steel

Qty	1+	6+	20+	40+	60+
Disc. Price	-20%	-30%	-50%	On request	

DISCOUNTS / stainless steel

Qty	1+	6+	20+	40+	60+
Disc. Price	-15%	-20%	-30%	On request	

Part number	ØD	ØT	A	L1	L3	E	SW	Axial load F (N)	Weight (kg)	Stock*	Price each 1 to 5
Steel											
IBJ-5	8	M5	22	19,2	9	10,2	7	30	0,015	✓	5,45 €
IBJ-6	10	M6	25	23,5	11	11,5	8	40	0,025	✓	7,00 €
IBJ-8	13	M8	30	29,5	13	14,0	11	60	0,053	✓	7,39 €
IBJ-10	16	M10	35	36,0	16	15,5	13	80	0,104	✓	10,25 €
IBJ-14x1,5	19	M14x1,5	45	48,0	20	21,5	16	100	0,221	✓	26,18 €
Stainless Steel											
IBJ-5/SS	8	M5	22	19,2	9	10,2	7	30	0,015	✓	9,84 €
IBJ-6/SS	10	M6	25	23,5	11	11,5	8	40	0,025	✓	11,79 €
IBJ-8/SS	13	M8	30	29,5	13	14,0	11	60	0,055	✓	12,94 €
IBJ-10/SS	16	M10	35	36,0	16	15,5	13	80	0,105	-	21,18 €

*Depending on availability - Dimensions in mm

Steel/steel or stainless/steel contact

RAS
RASs

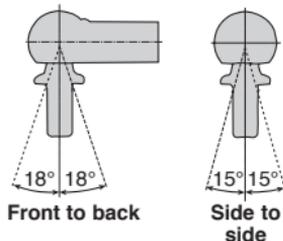
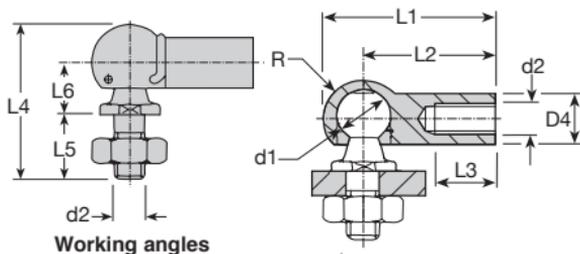
- **Conforms to DIN 71802**
- Working angle: Lateral $\pm 15^\circ$
Front to back $\pm 18^\circ$
- Materials:
Passivated galvanised steel
Stainless steel 303
- Retained in housing by a fastener
- For the left hand threaded version, only the female part has a left hand thread

steel or stainless steel



Advantages

- Wear resistant



Sizes	Fixing A/F	Max. radial and axial static force. kp
M5	7	30
M6	8	70
M8	11	150
M10	13	200
M12	13	200

DISCOUNTS

Qty	1+	6+	20+	40+	60+
Disc.	List	-15%	-20%	-30%	On request

Part number	Steel	S. steel	d1	d2	D4	L1	L2	L3	L4	L5	L6	R	Stock* S. Steel	Steel	Price each 1 to 5	Steel	Stainless steel	
Right hand thread																		
RAS5		RAS5/SS	8	M5	8	28,5	22,0	10,2	25,0	10,2	9,0	6,4	✓	✓	5,32 €	7,86 €	-	-
RAS6		RAS6/SS	10	M6	10	32,5	25,0	11,5	30,0	12,5	11,0	7,5	✓	✓	5,52 €	8,03 €	-	-
RAS8		RAS8/SS	13	M8	13	39,5	30,0	14,0	38,0	16,5	13,0	9,7	✓	✓	6,74 €	10,25 €	-	-
RAS10		RAS10/SS	16	M10	16	47,0	35,0	15,5	47,5	20,0	16,0	12,0	✓	✓	9,10 €	18,18 €	-	-
RAS12		RAS12/SS	16	M12	16	47,0	35,0	15,0	47,5	20,0	16,0	12,0	✓	✓	12,83 €	21,30 €	-	-
Left hand thread																		
RAS5L	-		8	M5	8	28,5	22,0	10,5	25,0	10,2	9,0	6,4	✓	-	6,15 €	-	-	-
RAS6L	-		10	M6	10	32,5	25,0	11,5	30,0	12,5	11,0	7,5	✓	-	6,20 €	-	-	-
RAS8L	-		13	M8	13	39,5	30,0	14,0	38,0	16,5	13,0	9,7	✓	-	7,45 €	-	-	-
RAS10L	-		16	M10	16	47,0	35,0	15,5	47,5	20,0	16,0	12,0	✓	-	9,83 €	-	-	-
RAS12L	-		16	M12	16	47,0	35,0	15,0	47,5	20,0	16,0	12,0	✓	-	15,23 €	-	-	-

* Depending on availability - Dimensions in mm

Clevis and clip, short version

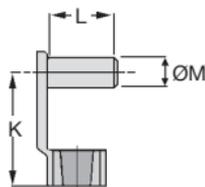


CLS CLP

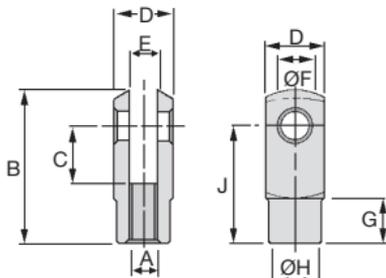
Steel

- Trunnion link
- Material: Medium hard steel
9S Mn Pb28, R_e = 500 N/mm²
- Conforms to DIN 71752
- Not sold individually, please contact us for details

Quick assembly



CLP
Spring clip



CLS clevis



DISCOUNTS

Qty	1+	6+	20+	50+	100+	250+
Disc.	List	-10%	-20%	-30%	-40%	On request

Clevis

Part number	A	B	C	D	E (B13)	ØF (H9)	G	ØH	J	Static load Co (daN)	Stock*	Price each 1 to 5
											✓	€
CLS-4	M4 x 0,70	21	8	8	4	4	6,00	8	16	320	✓	2,81 €
CLS-5	M5 x 0,80	26	10	10	5	5	7,50	9	20	500	✓	2,18 €
CLS-6	M6 x 1,00	31	12	12	6	6	9,00	10	24	720	✓	1,94 €
CLS-8	M8 x 1,25	42	16	16	8	8	12,00	14	32	1280	✓	2,44 €
CLS-10	M10 x 1,50	52	20	20	10	10	15,00	18	40	2000	✓	3,55 €
CLS-12	M12 x 1,75	62	24	24	12	12	18,00	20	48	2880	✓	6,63 €
CLS-16	M16 x 2,00	83	32	32	16	16	24,00	26	64	5120	✓	13,64 €
CLS-10C	M10 x 1,25	52	20	20	10	10	15,00	18	40	-	✓	3,76 €
CLS-12C	M12 x 1,25	62	24	24	12	12	18,00	20	48	-	✓	6,63 €
CLS-16C	M6 x 1,50	83	32	32	16	16	24,00	26	64	-	✓	13,72 €

Spring clip

Part number	K	L	ØM	Stock*	Price each 1 to 5
				✓	€
CLP-4	15	9	4	✓	0,90 €
CLP-5	19	12	5	✓	0,95 €
CLP-6	23	14	6	✓	1,01 €
CLP-8	31	19	8	✓	1,00 €
CLP-10	39	23	10	✓	1,06 €
CLP-12	47	28	12	✓	1,71 €
CLP-16	62	36	16	✓	2,98 €

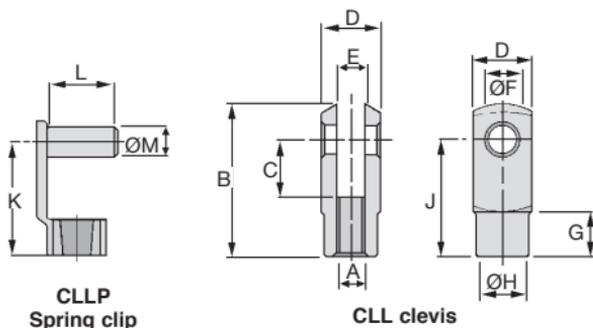
*Depending on availability - Dimensions in mm

Steel

CLL
CLLP

- **Trunnion link**
- **Material:** Medium hard steel
9S Mn Pb28, R= 500 N/mm²
- **Conforms to** DIN 71752
- **Not sold individually, please contact us for details**

Quick assembly



DISCOUNTS

Qty	1+	6+	20+	50+	100+	250+
Disc.	List	-10%	-20%	-30%	-40%	On request

Clevis

Part number	A	B	C	D	E (B13)	ØF (H9)	G	ØH	J	Static load Co (daN)	Stock*	Price each 1 to 5
CLL-5	M5 x 0,80	36	20	10	5	5	7,50	9	30	500	✓	2,24 €
CLL-6	M6 x 1,00	43	24	12	6	6	9,00	10	36	720	✓	2,39 €
CLL-8	M8 x 1,25	58	32	16	8	8	12,00	14	48	1280	✓	3,47 €
CLL-10	M10 x 1,5	72	40	20	10	10	15,00	18	60	2000	✓	5,84 €
CLL-12	M12 x 1,75	86	48	24	12	12	18,00	20	72	2880	✓	9,45 €

Spring clip

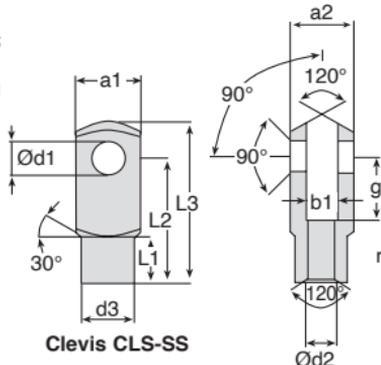
Part number	K	L	ØM	Stock*	Price each 1 to 5
CLLP-5	29	12	5	✓	0,95 €
CLLP-6	35	14	6	✓	1,01 €
CLLP-8	47	19	8	✓	1,02 €
CLLP-10	59	23	10	✓	1,15 €
CLLP-12	71	28	12	✓	1,98 €

*Depending on availability - Dimensions in mm

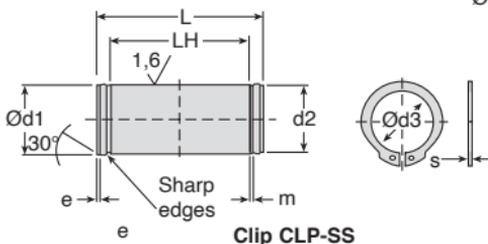
CLS_{SS} CLP_{SS}

With stainless steel circlips

- Trunnion link
- Material: stainless steel 303
- To DIN 71752, DIN 471-UNI7435
- Spring clip supplied with 2 circlips



Clevis CLS-SS



Clip CLP-SS

stainless steel



CLS-SS



CLP-SS

DISCOUNTS

Qty	1+	6+	20+	40+
Disc.	List	-10%	-20%	On request

Clevis

Part number	Ød2 (6H)	b1 (B13)	a1 (h11)	a2	Ød1 (h9)	d3 ^{+0.3}	L1 ^{+0.2}	L2 ^{+0.5}	L3 ^{+0.5}	g ^{+0.5}	Static load Co (daN)	Price each. 1 to 5
CLS-5SS	M5x0,80	5	10	10 ^{+0.30} _{-0.16}	5	9	7,5	26	20	10	500	✓ 7,56 €
CLS-6SS	M6x1,00	6	12	12 ^{+0.30} _{-0.16}	6	10	9,0	31	24	12	720	✓ 8,11 €
CLS-8SS	M8x1,23	8	16	16 ^{+0.30} _{-0.16}	8	14	12,0	42	32	16	1280	✓ 13,64 €
CLS-10CSS	M10x1,25	10	20	20 ^{+0.30} _{-0.16}	10	18	15,0	52	40	20	-	✓ 31,48 €
CLS-12SS	M12x1,75	12	24	24 ^{+0.30} _{-0.16}	12	20	18,0	62	48	24	2880	✓ 41,02 €
CLS-16CSS	M16x1,5	16	32	32 ^{+0.30} _{-0.16}	16	26	24,0	83	64	32	-	✓ 96,84 €
CLS-20CSS	M20x1,5	20	40	40 ^{+0.30} _{-0.20}	20	34	30,0	105	80	40	-	- On request

Clip

Part number	Ød1 (h11)	d2	L ^{+0.3}	LH ^{+0.3}	m (H13)	e	Ød3	s (h11)	Price each. 1 to 5
CLP-5SS	5	4,8 ⁰ _{-0.048}	15,0	10,5	0,7	0,5	4,7 ^{+0.04} _{-0.15}	0,6	✓ 2,66 €
CLP-6SS	6	5,7 ⁰ _{-0.048}	17,0	12,5	0,8	0,5	5,6 ^{+0.04} _{-0.15}	0,7	✓ 2,59 €
CLP-8SS	8	7,6 ⁰ _{-0.058}	21,5	16,5	0,9	0,5	7,4 ^{+0.06} _{-0.18}	0,8	✓ 2,85 €
CLP-10SS	10	9,6 ⁰ _{-0.058}	26,0	20,5	1,1	0,5	9,3 ^{+0.1} _{-0.36}	1,0	✓ 3,28 €
CLP-12SS	12	11,5 ⁰ _{-0.110}	31,0	24,5	1,1	1,0	11,0 ^{+0.1} _{-0.36}	1,0	✓ 4,31 €
CLP-16SS	16	15,2 ⁰ _{-0.110}	40,0	32,5	1,1	1,0	14,7 ^{+0.1} _{-0.36}	1,0	✓ 4,28 €
CLP-20SS	20	19,0 ⁰ _{-0.130}	50,0	40,5	1,3	1,5	18,5 ^{+0.13} _{-0.42}	1,2	✓ 11,35 €

*Depending on availability - Dimensions in mm

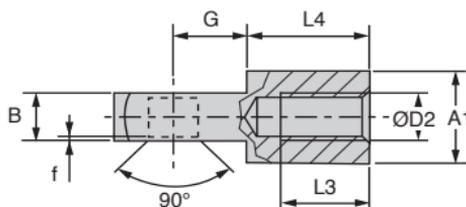
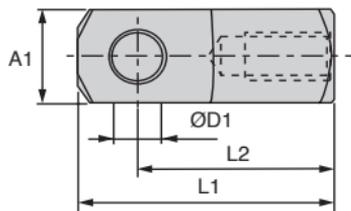
Steel or **stainless steel**

CLM
CLMss

- Clevis link
- Threaded end piece for clevis conforming to DIN71752, short version
- Steel 11SMnPb30+C, galvanised
- Stainless steel 303



steel or stainless steel



DISCOUNTS Steel

Qty	1+	10+	20+	50+
Disc.	List	-10%	-15%	On request

DISCOUNTS Stainless steel

Qty	1+	4+	10+	20+
Disc.	List	-10%	-15%	On request

Part number	ØD1 H9	ØD2	B	A1 h11	L1 +/-0,5	L2 +/-0,3	L3	L4 +/-0,2	G +/-0,5	f +/-0,2	Weight (g)	Price each
Steel												
CLM-4	4	M4x0,7	4	8	21	16	6	10,0	6,0	0,5	6	✓ 2,21 €
CLM-5	5	M5x0,8	5	10	26	20	8	12,5	7,5	0,5	12	✓ 3,03 €
CLM-6	6	M6x1	6	12	31	24	11	15,0	9,0	0,5	21	✓ 2,37 €
CLM-8	8	M8x1,25	8	16	42	32	14	20,0	12,0	0,5	51	✓ 3,95 €
CLM-10	10	M10x1,5	10	20	52	40	18	25,0	15,0	0,5	98	✓ 8,70 €
CLM-12	12	M12x1,75	12	24	62	48	22	30,0	18,0	0,5	168	✓ 11,47 €
CLM-16	16	M16x2	16	32	83	64	30	40,0	24,0	1,0	397	✓ 21,61 €
Stainless steel												
CLM-4/SS	4	M4x0,7	4	8	21	16	6	10,0	6,0	0,5	6	✓ 5,31 €
CLM-5/SS	5	M5x0,8	5	10	26	20	8	12,5	7,5	0,5	12	✓ 5,69 €
CLM-6/SS	6	M6x1	6	12	31	24	11	15,0	9,0	0,5	21	✓ 8,04 €
CLM-8/SS	8	M8x1,25	8	16	42	32	14	20,0	12,0	0,5	51	✓ 9,12 €
CLM-10/SS	10	M10x1,5	10	20	52	40	18	25,0	15,0	0,5	98	✓ 15,58 €
CLM-12/SS	12	M12x1,75	12	24	62	48	22	30,0	18,0	0,5	168	- 27,85 €
CLM-16/SS	16	M16x2	16	32	83	64	30	40,0	24,0	1,0	397	- 119,65 €

* Depending on availability - Dimensions in mm

Clevis and clip

Instruction guide

