

# STAINLESS STEEL PRODUCTS



## Applications

The use of stainless steel products is recommended for circumstances in which corrosion may cause problems. Where other measures against corrosion do not suffice, stainless steel can possibly provide a better solution. Examples of industries where stainless steel is often used include sailing, petrochemical, food and nuclear industry.

## Range

Green Pin® offers a wide range of stainless steel items such as shackles, chain, chain fittings, thimbles, wire rope clips, eye bolts, rigging screws, etc. With the wide range of stainless steel items in the Green Pin® assortment, a complete sling from the top master link to the hooks can be assembled. Royal Van Beest offers a wide range of other stainless steel items to complement the Green Pin® assortment.

## Design

Stainless steel items supplied by Green Pin® are all manufactured from stainless steel quality AISI 316, or AISI 316L, except for groups MSI and MTSI which are manufactured from Duplex 1.4462, and product groups R-7856, R-7850, R-7852 and R-7854 which are manufactured from AISI 304. The products CSOI, CSCI, CSEI, CROI, ALI, ALDINI and ELI are dye penetrant inspected. Most stainless steel items have an equivalent in a regular steel quality, we refer to the specific chapters for further details.

Most stainless steel components are generally marked with:

- manufacturer's symbol - GP
- chain diameter in mm and/or inch - e.g. 13 and/or 1/2"
- traceability code - e.g. HA
- steel grade - 5
- item code - e.g. MJI
- origin - e.g. France

As prescribed by the Machinery Directive 2006/42/EC our hooks, master links and connecting links are supplied with a CE Declaration of Incorporation (CE IIB), stating the products are in compliance with the requirements of the machinery directive. These products do not have a CE marking, since CE markings are only to be provided for machines, whereas hooks, master links and connecting links are components of machines, and not machines themselves. Providing components with a CE marking is an incorrect interpretation of the Machinery Directive.

Machinery definition according to Machinery Directive 2006/42/EC – Article 2 – definitions (a) and Machinery Regulation 2023/1230/EU:

"An assembly of linked parts or components, at least one of which moves and which are joined together, intended for lifting loads and whose only power source is directly applied human effort."

"The maximum working load shall be prominently marked on the lifting machinery. The marking shall be legible, indelible and in an un-coded form. Where the maximum working load depends on the configuration of the lifting machinery, each operating position shall be provided with a load plate indicating, preferably in diagrammatic form or by means of tables, the working load permitted for each configuration."

This definition means that a sling is a Machine and that the hooks, master links and connecting links are not considered as a machine themselves, but as components of a machine. The CE and the WLL markings in consequence, are mandatory only on the assembled sling tag as the sling is the machine according to MD 2006/42/EC. This rule is still valid with the new Machine Regulation 2023/1230 which will replace the MD cited previously within early 2027.

## Finish

All stainless steel items are polished.

## Certification

Specific details of certificate availability can be found on each product page. Please verify your certification requirements at the time of order.

## Instructions for use

Please refer to the previous product chapters in this catalogue for details on the use of specific items. In general, items should be inspected before use to ensure that:

- all markings are legible;
- items are not distorted or unduly worn;
- the pin, nut, cotter pin, or any other locking system cannot vibrate out of position;
- the item is free from nicks, gouges and cracks.

Also:

- never modify, repair or reshape an item by machining, welding, heating or bending, as this may affect the strength;
- make sure to select items with the correct WLL;
- make sure that the master links and the other items of the sling are all made of stainless steel suitable for lifting purposes;
- items should be used for in-line lifting only;
- items may not be heat treated, as this may affect their WLL.

Stainless steel products must be regularly inspected in accordance with the safety standards and regulations given in the country of use. This is required because the products in use may be affected by issues such as wear, misuse and overloading, which may lead to deformation and alteration of the material structure. Inspection should take place at least every six months (follow the local rules in the country of use) and more frequently when the products are used in severe operating conditions.

### Corrosion resistance table for stainless steel AISI 316L

This table offers a general guideline only. The material must always be tested for your specific conditions.

Acetic acid <20 %	S
Ammonia (100 %)	S
Ammonium chloride <1 %	S
Ammonium nitrate 10 % - 50 %	S
Ammonium sulphate <10 %	L
Benzene	S
Calcium hypochlorite (100 %)	U
Citric acid <10 %	S
Copper sulphate <10 %	S
Ethanol	S
Gasoline	S
Hydrochloric acid (all concentrations)	U

Hydrogen cyanide 100 %	L
Hydrogen peroxide <35 %	S
Hydrogen sulphide 100 %	S
Mineral oil	S
Nitric acid <10 %	S
Potassium sulphate <10 %	S
Sodium chloride <5 %	S
Sodium hypochlorite <20 %	L
Sodium nitrate 10 % - 40 %	S
Sodium sulphate <10 %	S
Zinc chloride <10 %	S
Zinc sulphate <10 %	S

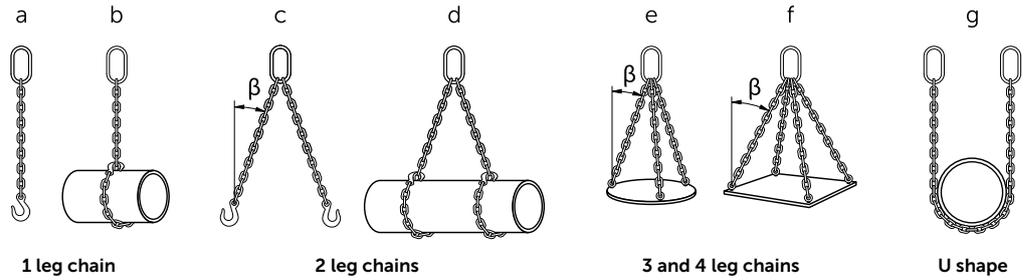
#### Abbreviations used

S = satisfactory, no or very little corrosion

L = limited resistance, exposure time must be limited, some corrosion might occur

U = unsatisfactory, not suitable for use

Configuration examples



Working Load Limit table for stainless steel chain slings

Chain Ø						
	1 leg sling	2 leg sling		3 or 4 leg sling		Endless Sling
	90°	0° < β ≤ 45° Safety factor 1.4	45° < β ≤ 60° Safety factor 1.0	0° < β ≤ 45° Safety factor 2.1	45° < β ≤ 60° Safety factor 1.5	
mm	t	t	t	t	t	t
6	0.70	1.00	0.70	1.47	1.05	1.12
8	1.20	1.70	1.20	2.50	1.80	1.92
10	1.60	2.25	1.60	3.36	2.40	2.56
13	2.70	3.80	2.70	5.70	4.05	4.32

Angle reduction tables for stainless steel eye bolts



group	number of leg(s)		1	2	1	2	2	2	3 & 4	3 & 4	3 & 4	
	load direction		0	0	90°	90	0-45°	45-60°	non-sym-metrical	0-45°	45-60°	non-sym-metrical
	safety factor		1	2	0.5	1	1.4	0.5	0.5	2.1	0.75	0.5
	article	diameter thread (metric)	t	t	t	t	t	t	t	t	t	t
ALI / ALDINI	GPAL06I	6	0.12	0.24	0.06	0.12	0.17	0.06	0.06	0.25	0.09	0.06
	GPAL08I / GPAL08DINI	8	0.2	0.40	0.10	0.20	0.28	0.10	0.10	0.42	0.15	0.10
	GPAL10I / GPAL10DINI	10	0.4	0.80	0.20	0.40	0.56	0.20	0.20	0.84	0.30	0.20
	GPAL12I / GPAL12DINI	12	0.6	1.20	0.30	0.60	0.84	0.30	0.30	1.26	0.45	0.30
	GPAL14I / GPAL14DINI	14	0.8	1.60	0.40	0.80	1.12	0.40	0.40	1.68	0.60	0.40
	GPAL16I / GPAL16DINI	16	1	2.00	0.50	1.00	1.40	0.50	0.50	2.10	0.75	0.50
	GPAL18I / GPAL18DINI	18	1.5	3.00	0.75	1.50	2.10	0.75	0.75	3.15	1.13	0.75
	GPAL20I / GPAL20DINI	20	2	4.00	1.00	2.00	2.80	1.00	1.00	4.20	1.50	1.00
GPAL22I / GPAL22DINI	22	2.5	5.00	1.25	2.50	3.50	1.25	1.25	5.25	1.88	1.25	
GPAL24I / GPAL24DINI	24	3	6.00	1.50	3.00	4.20	1.50	1.50	6.30	2.25	1.50	



group	number of leg(s)		1	2	2	3 & 4	
	load direction		0	0	0-30°	0-30°	
	safety factor		1	2	1.4	2.1	
article		diameter thread (metric)	t	t	t	t	
ELI	GPEL06I		6	0.12	0.2	0.2	0.3
	GPEL08I		8	0.2	0.4	0.3	0.4
	GPEL10I		10	0.4	0.8	0.6	0.8
	GPEL12I		12	0.6	1.2	0.8	1.3
	GPEL14I		14	0.8	1.6	1.1	1.7
	GPEL16I		16	1	2.0	1.4	2.1
	GPEL18I		18	1.5	3.0	2.1	3.2
	GPEL20I		20	2	4.0	2.8	4.2
	GPEL22I		22	2.5	5.0	3.5	5.3
	GPEL24I		24	3	6.0	4.2	6.3
GPEL27I		27	3.5	7.0	4.9	7.4	

Note: - Never use ELI above 30° as the maximum WLL increase significantly  
 - WLL values only apply with stainless steel thread bolts of quality class equivalent to AISI316L

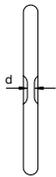
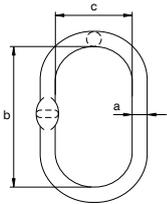


group	number of leg(s)			1	2	1	2	2	2	3 & 4	3 & 4			
	load direction			0	0	90°	90	0-45°	45-60°	non-symmetrical	0-45°	45-60°	non-symmetrical	
	safety factor			1	2	1	2	1.4	1	1	2.1	1.5	1	
	article		welding seam		t		t		t		t		t	
		size	length	t	t	t	t	t	t	t	t	t	t	
PASI	GPPAS0.75I		a8 z11	2x35mm	0.75	1.5	0.75	1.5	1.05	0.75	0.75	1.575	1.125	0.75
	GPPAS1.25I		a9 z13	2x42mm	1.25	2.5	1.25	2.5	1.75	1.25	1.25	2.625	1.875	1.25
	GPPAS3.20I		a11 z16	2x49mm	3.2	6.4	3.2	6.4	4.48	3.2	3.2	6.72	4.8	3.2
	GPPAS5I		a14 z20	2x64mm	5	10	5	10	7	5	5	10.5	7.5	5

Note: Regarding the selection of welding material, respecting parent and PASI materials  
 Please refer to EN 3581 for manual metal arc welding and to ISO 14343 for arc welding



MSI



## Green Pin® Master Link S/S-GR5

### Grade 5 stainless steel master link

- **Material:** Duplex 1.4462, grade 5
- **Safety factor:** MBL equals 4 x WLL
- **Finish:** blasted
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC® CE II B
- **Article code:** scan QR code to see article codes

Scan for additional product details



diameter	diameter chain 1 leg	diameter chain 2 legs		working load limit	length inside	width inside	thickness	weight each
a mm	mm	$\beta \leq 45^\circ$ mm	$45^\circ < \beta \leq 60^\circ$ mm	t	b mm	c mm	d mm	kg
13	6	-	6	1	110	60	6.5	0.34
16	8	6	8	1.25	110	60	6.5	0.53
18	10	8	10	2	135	75	8.5	0.82
22	13	10	13	3.2	160	90	10.5	1.45
26	16	13	16	5	180	100	13	2.29

CAD



# Green Pin® Master Link Assembly S/S-GR5

## Grade 5 stainless steel master link assembly

Scan for additional product details

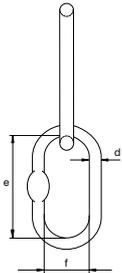
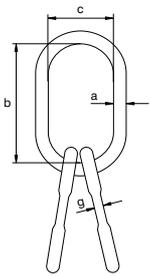


MTSI

- **Material:** Duplex 1.4462, grade 5
- **Safety factor:** MBL equals 4 x WLL
- **Finish:** blasted
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC<sup>b</sup> CE IIB
- **Article code:** scan QR code to see article codes

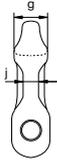
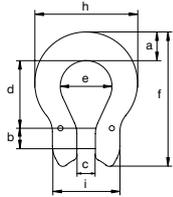
diameter	diameter chain 3-4 legs		working load limit	length inside	width inside	diameter	length inside	width inside	thickness	weight each
a mm	$\beta \leq 45^\circ$ mm	$45^\circ < \beta \leq 60^\circ$ mm	t	b mm	c mm	d mm	e mm	f mm	g mm	kg
18	6	6	1.6	135	75	13	54	25	6.5	1.17
22	8	8	2.65	160	90	16	70	34	8.5	2.17
26	10	10	4.25	180	100	18	85	40	8.5	3.34
32	13	13	6.7	200	110	22	115	50	13.5	5.99

CAD





COI



## Green Pin® Omega Link S/S-GR5

### Grade 5 stainless steel omega link

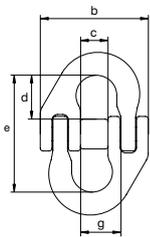
- **Material:** AISI 316L, grade 5
- **Safety factor:** MBL equals 4 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIB
- **Article code:** scan QR code to see article codes
- **Note:** specific load pin available for 5 mm hoist chain on request, which can be combined with GPCO6I



for chain diameter	working load limit	width	diameter pin	width	length inside	width bow	length outside	thickness	width outside	width outside	thickness	weight each
mm	t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	kg
6	0.7	13.5	8	7	25	20	53	13	41	28	6	0.07
7/8	1.2	19.5	9	9	34	24	71	16	55	32	8.5	0.18
10	1.6	19	13	12	40	31	82	17	63	42	11	0.28
13	2.7	25	16	15	51	40	106	20	84	54	13.5	0.64



MJI



## Green Pin® Connecting Link S/S-GR5

### Grade 5 stainless steel connecting link

- **Material:** AISI 316L, grade 5
- **Safety factor:** MBL equals 4 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIB
- **Article code:** scan QR code to see article codes



for chain diameter	working load limit	diameter	width outside	width inside	length inside	length inside	diameter eye	width inside	weight each
mm	t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
6	0.7	8	42	10.5	20	52	10.5	15	0.09
7/8	1.2	9	53	14	20.5	55	13	19.5	0.15
10	1.6	13	66	18	23.5	64	18	23.5	0.28
13	2.7	18	83	21	32	85	23.5	28	0.64





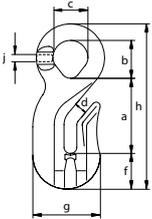
## Green Pin® Grab Hook E S/S-GR5

### Grade 5 stainless steel eye grab hook

- **Material:** AISI 316L, grade 5
- **Safety factor:** MBL equals 4 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIB
- **Article code:** scan QR code to see article codes

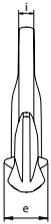


CROI



for chain diameter	working load limit	length	inside length eye	inside width eye	opening	thickness	width	width outside	length	width	thickness	weight each
mm	t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	kg
6	0.7	41	24	23.5	8	24	19.5	42	94	9	6	0.24
7/8	1.2	53	27	27	10	33	23	53	115	12	8	0.32
10	1.6	65	38	36	12	42	29	66	146	14	10	0.53
13	2.7	84	42	42	15.5	56	40	87	186	20	12	1.96

CAD



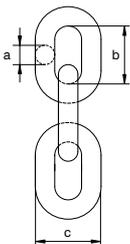
## Green Pin® Lifting Chain S/S-GR5

### Grade 5 stainless steel lifting chain

- **Material:** AISI 316L, grade 5
- **Safety factor:** MBL equals 4 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC<sup>b</sup> CE IIB
- **Article code:** scan QR code to see article codes



CHAINI



diameter	working load limit	length inside	width outside	links per meter	length per drum	weight per meter
a mm	t	b mm	c mm		m	kg
6	0.7	18	21	55.56	100	0.78
8	1.2	24	29	41.67	100	1.30
10	1.6	30	34	33.33	100	2.14
13	2.7	39	45	25.64	100	3.64

CAD



## Green Pin® Sling Hook E S/S-GR5

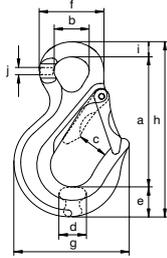
### Grade 5 stainless steel eye sling hook

- **Material:** AISI 316L, grade 5
- **Safety factor:** MBL equals 4 x WLL
- **Standard:** generally to ISO 4779
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIB
- **Article code:** scan QR code to see article codes

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C50I



for chain diameter	working load limit	length	diameter inside eye	width opening	thickness	width	diameter eye outside	width outside	length	width	thickness	weight each
mm	t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	kg
6	0.7	86	23.5	26	15	19	43	72	114	9.5	6	0.28
7/8	1.2	103	26	30	19.5	24	51	87	139	12	8	0.57
10	1.6	129	36	33	24	28	65	106	171	14.5	10	1.02
13	2.7	152	41	37	31	39	77	133	209	18	12	1.97

CAD INFO



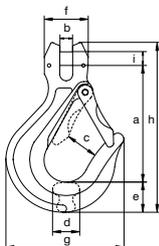
## Green Pin® Sling Hook CL S/S-GR5

### Grade 5 stainless steel clevis sling hook

- **Material:** AISI 316L, grade 5
- **Safety factor:** MBL equals 4 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIB
- **Article code:** scan QR code to see article codes
- **Note:** specific load pin available for 5 mm hoist chain on request, which can be combined with GPCCS6I



C5CI



for chain diameter	working load limit	length	width	width opening	thickness	width	width outside	width outside	length	diameter pin	weight each
mm	t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	kg
6	0.7	74	7	26	15	20	28	72	108	8	0.29
7/8	1.2	95	9.5	30	20	24	32	87	136	9	0.55
10	1.6	113	11.5	33	24	29	42	106	164	13	1.10
13	2.7	139	15	37	32	39	54	133	208	16	1.86

CAD INFO



# Green Pin® Sling Hook SE S/S-GR5

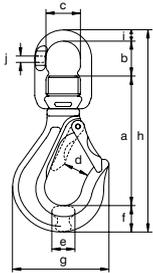
## Grade 5 stainless steel swivel sling hook

Scan for additional product details



- **Material:** AISI 316L, grade 5
- **Safety factor:** MBL equals 4 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIB
- **Article code:** scan QR code to see article codes
- **Note:** equipped with a stainless steel washer

CSEI



for chain diameter	working load limit	length	length inside	width inside	width opening	thickness	width	width outside	length outside	diameter	thickness	weight each
mm	t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	kg
6	0.7	100	33	32	26	15	20	72	164	11	6	0.54
7/8	1.2	126	40	37	30	20	25	87	204	13	8	0.77
10	1.6	158	47	48	33	24	29	106	250	16	11	1.92
13	2.7	189	59	58	37	32	39	133	308	21	13.5	3.39

CAD INFO



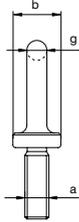
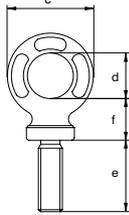
## Green Pin® Lifting Eye S/S-GR5

### Grade 5 stainless steel lifting eye

- **Material:** AISI 316L, grade 5
- **Safety factor:** MBL equals 5 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIA
- **Article code:** scan QR code to see article codes



ALI



working load limit	diameter thread	diameter base	diameter eye outside	diameter eye inside	length	thickness base	diameter	weight each
t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
0.12	M6 x 1.00	19.5	34	20	20.5	17	7	0.05
0.2	M8 x 1.25	20	34	20	24	16.5	7	0.05
0.4	M10 x 1.50	20	38	22	30	19	8	0.08
0.6	M12 x 1.75	25	47	27	36	23	10	0.14
0.8	M14 x 2.00	30	57	30	40	27	13.5	0.26
1	M16 x 2.00	36	63	35	55	31	14	0.37
1.5	M18 x 2.50	36	63	35	55	31	14	0.49
2	M20 x 2.50	40	72	40	59	34	16	0.55
2.5	M22 x 2.50	42	82	45	66	38	18.5	0.78
3	M24 x 3.00	55	95	55	84	40	20	1.12

CAD INFO



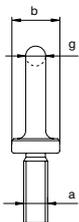
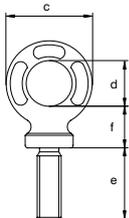
## Green Pin® Lifting Eye DIN580 length S/S-GR5

### Grade 5 stainless steel lifting eye length as DIN580

- **Material:** AISI 316L, grade 5
- **Safety factor:** MBL equals 5 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIA
- **Article code:** scan QR code to see article codes



ALDINI



working load limit	diameter thread	diameter base	diameter eye outside	diameter eye inside	length	thickness base	diameter	weight each
t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
0.2	M8 x 1.25	20	34	20	13	16.5	7	0.05
0.4	M10 x 1.50	20	38	22	17	19	8	0.07
0.6	M12 x 1.75	25	47	27	21	23	10	0.13
0.8	M14 x 2.00	30	57	30	27	27	13.5	0.24
1	M16 x 2.00	36	63	35	27	31	14	0.34
1.5	M18 x 2.50	36	63	35	30	31	14	0.35
2	M20 x 2.50	40	72	40	30	34	16	0.52
2.5	M22 x 2.50	42	82	45	35	38	18.5	0.71
3	M24 x 3.00	55	95	55	36	40	20	0.98

CAD INFO

Scan for additional product details



## Green Pin® Eye Nut S/S-GR5

### Grade 5 stainless steel eye nut

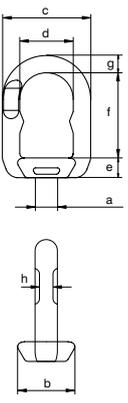


- **Material:** AISI 316L, grade 5
- **Safety factor:** MBL equals 5 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIA
- **Article code:** scan QR code to see article codes

working load limit	diameter thread	diameter base	width	width inside	thickness base	length inside	diameter	thickness	weight each
t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	kg
0.12	M6 x 1.00	31	51	30	14	45	10.5	6	0.15
0.2	M8 x 1.25	31	51	30	14	45	10.5	6	0.15
0.4	M10 x 1.50	31	51	30	14	45	10.5	6	0.15
0.6	M12 x 1.75	39	56	32	14.5	48	12	6	0.23
0.8	M14 x 2.00	39	56	32	14.5	48	12	6	0.23
1	M16 x 2.00	44	65	37	16	60	14	8	0.37
1.5	M18 x 2.50	44	65	37	16	60	14	8	0.37
2	M20 x 2.50	44	65	37	16	60	14	8	0.37
2.5	M22 x 2.50	52	79	49	21	75	15.5	11	0.63
3	M24 x 3.00	52	79	49	21	75	15.5	11	0.63
3.5	M27 x 3.00	52	79	49	21	75	15.5	11	0.63

CAD

ELI



## Green Pin® Weld-On Transport Ring S/S-GR5

### Grade 5 stainless steel weld-on transport ring



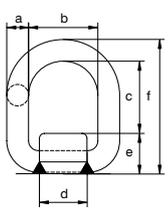
- **Material:** AISI 316, grade 5
- **Safety factor:** MBL equals 4 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIA
- **Article code:** scan QR code to see article codes
- **Note:** regarding the selection of welding material, respecting parent and PASI materials, please refer to EN 3581 for manual metal arc welding and to EN ISO 14343 for arc welding



working load limit	diameter	width inside	length inside	length base	height base	length	weight each
t	a mm	b mm	c mm	d mm	e mm	f mm	kg
0.75	13	40	41	35	28	82	0.42
1.25	18	45	48	42	33	99	0.75
3.20	22	55	57	49	42	120	1.40
5	26	70	66	64	50	142	2.51

CAD INFO

PASI





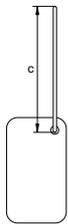
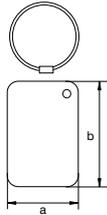
## Green Pin® ID Tag S/S-GR5

### Grade 5 stainless steel identification tag

- **Material:** AISI 316L, grade 5
- **Finish:** polished
- **Certification:** 2.1



TAGI



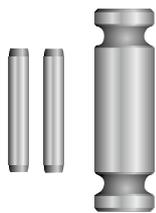
width	length	length	weight each
a mm	b mm	c mm	kg
50	80	305	0.07



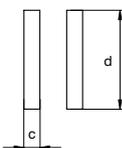
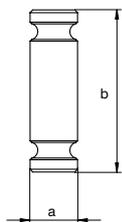
## Green Pin® Clevis Fittings S/S-GR5 Spare Kit

### Grade 5 stainless steel spare kit for clevis fittings

- **Material:** AISI 316L, grade 5
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 3.1 CE IIB
- **Note:** GPAC5I can be used for lifting and hoist chain



ACI



partnumber	diameter pin	length pin	diameter pin	length pin	weight each
	a mm	b mm	c mm	d mm	kg
GPAC5I	6	28	3	14	0.01
GPAC6I	8	28	3	14	0.01
GPAC7/8I	9	32	3	22	0.02
GPAC10I	13	41	4	24	0.04
GPAC13I	16	53	4	32	0.08

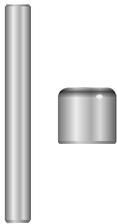
partnumber	for fitting	
	COI	CSCI
GPAC5I	GPCO5I	GPCSC5I
GPAC6I	GPCO6I	GPCSC6I
GPAC7/8I	GPCO7/8I	GPCSC7/8I
GPAC10I	GPCO10I	GPCSC10I
GPAC13I	GPCO13I	GPCSC13I



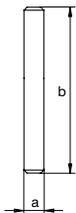
## Green Pin® Connecting Link S/S-GR5 Spare Kit

Grade 5 stainless steel spare kit for connecting link

- **Material:** AISI 316L, grade 5
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 3.1 CE IIB



RMJI



partnumber	diameter pin	length pin	diameter	width	weight each
	a mm	b mm	c mm	d mm	kg
GPRMJ6I	5	41	12	11	0.01
GPRMJ7/8I	6	54	13	14	0.02
GPRMJ10I	8	66	15	16	0.02
GPRMJ13I	10	84	22	17	0.08

partnumber	for fitting
	MJI
GPRMJ6I	GPMJ6I
GPRMJ7/8I	GPMJ7/8I
GPRMJ10I	GPMJ10I
GPRMJ13I	GPMJ13I



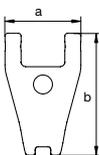
## Green Pin® Latch S/S-GR5

Grade 5 stainless steel forged latch

- **Material:** AISI 316L, grade 5
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 CE IIB



LF1



partnumber	width	length	diameter pin	length pin	weight each
	a mm	b mm	c mm	d mm	kg
LF0I	24	44	4	24	0.04
LF1I	31	59	5	30	0.05
LF2I	41	65	5	40	0.10
LF3I	41	79	6	40	0.20

partnumber	for fitting		
	CSOI	CSCI	CSEI
LF0I	GPCSO6I	GPCSC5I	GPCSE6I
LF1I	GPCSO7/8I	GPCSC7/8I	GPCSE7/8I
LF2I	GPCSO10I	GPCSC10I	GPCSE10I
LF3I	GPCSO13I	GPCSC13I	GPCSE13I

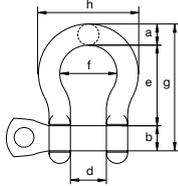


## Green Pin® Bow Shackle S/S-GR5

Grade 5 stainless steel bow shackle with screw collar pin



MLVI



- **Material:** AISI 316, grade 5
- **Safety factor:** MBL equals 5 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIA
- **Note:** marked with GP, WLL and CE

working load limit	diameter bow	diameter pin	diameter eye	width inside	length inside	width bow	length	width	weight each
t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	kg
0.4	8	8	16	16	32	24	52	40	0.06
0.6	10	10	19	20	40	30	65	50	0.12
0.9	12	12	24	25	49	36	76	60	0.20
1.5	13	16	31	24	52	35	89	59	0.32
2.5	16	20	38	28	61	43	106	75	0.58
3	19	22	44	32	72	51	124	89	0.96
4	22	25	50	37	85	58	145	102	1.46
6	25	30	57	40	95	66	164	116	2.09

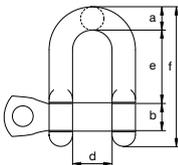


## Green Pin® Dee Shackle S/S-GR5

Grade 5 stainless steel dee shackle with screw collar pin



MDVI



- **Material:** AISI 316, grade 5
- **Safety factor:** MBL equals 5 x WLL
- **Finish:** polished
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 CE IIA
- **Note:** marked with GP, WLL and CE

working load limit	diameter bow	diameter pin	diameter eye	width inside	length inside	length	weight each
t	a mm	b mm	c mm	d mm	e mm	f mm	kg
0.4	8	8	16	16	32	52	0.06
0.6	10	10	19	20	40	65	0.11
0.9	12	12	24	25	48	78	0.19
1.5	13	16	31	24	52	89	0.30
2.5	16	20	38	28	64	109	0.57
3	19	22	44	32	72	124	0.90
4	22	25	50	37	74	134	1.33
6	25	30	57	40	94	163	1.98

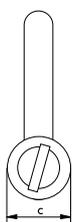
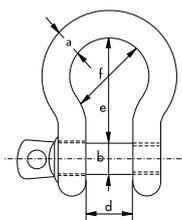
C

## Shackles, bow shackles with screw pin

### Bow shackles with screw pin



R-7825



- **Material:** AISI 316
- **Safety factor:** MBL equals 6 x WLL
- **Standard:** generally to DIN 82103
- **Finish:** polished
- **Certification:** 2.1 2.2 3.1 CE IIA
- **Note:** marked with WLL, CE and manufacturer identification symbol (VBS), except for 4 mm as it is too small

working load limit	diameter bow	diameter pin	diameter eye	width inside	length inside	width bow	weight per 100 pcs
t	a mm	b mm	c mm	d mm	e mm	f mm	kg
-	4	4	8	8	16	12	1.20
0.12	5	5	10	10	20	15	1.80
0.15	6	6	12	12	24	18	2.70
0.3	8	8	16	16	32	24	6.30
0.4	10	10	20	20	40	30	12.3
0.6	12	12	24	24	48	36	20.5
1	16	16	32	32	64	48	48
1.5	20	20	40	40	80	60	97
2	22	22	44	44	88	66	146
3	25	25	50	50	100	75	211
3.6	28	28	54	56	116	86	285

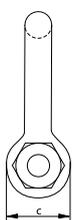
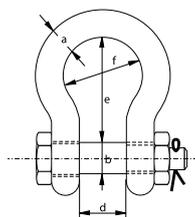
C

## Shackles, bow shackles with safety bolt

### Bow shackles with safety bolt



R-7827



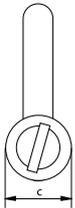
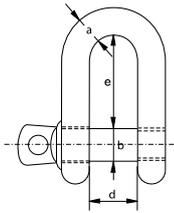
- **Material:** AISI 316
- **Safety factor:** MBL equals 6 x WLL
- **Finish:** polished
- **Certification:** 2.1 2.2 3.1 CE IIA
- **Note:** marked with WLL, CE, traceability code and manufacturer identification symbol (VBS)

working load limit	diameter bow	diameter pin	diameter eye	width inside	length inside	width bow	weight per 100 pcs
t	a mm	b mm	c mm	d mm	e mm	f mm	kg
0.3	8	8	16	16	32	24	7.40
0.4	10	10	19	20	40	30	14.5
0.6	12	12	24	25	49	36	23
1	16	16	31	32	64	48	56.6
1.5	19	19	38	38	80	60	99.5
2	22	22	43	44	85	66	146
3	25	25	49	50	100	75	218

C



R-7821



## Shackles, dee shackles with screw pin

### Dee shackles with screw pin

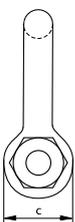
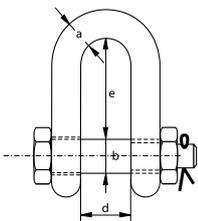
- **Material:** AISI 316
- **Safety factor:** MBL equals 6 x WLL
- **Standard:** generally to DIN 82102
- **Finish:** polished
- **Certification:** 2.1 2.2 3.1 CE IIA
- **Note:** marked with WLL, CE and manufacturer identification symbol (VBS), except for 4 mm as it is too small

working load limit	diameter bow	diameter pin	diameter eye	width inside	length inside	weight per 100 pcs
t	a mm	b mm	c mm	d mm	e mm	kg
-	4	4	8	8	16	0.90
0.12	5	5	10	10	20	1.60
0.15	6	6	12	12	24	2.60
0.3	8	8	16	16	32	5.60
0.4	10	10	20	20	40	13
0.6	12	12	24	24	48	20
1	16	16	32	32	64	48
1.5	20	20	40	40	80	78
2	22	22	44	44	88	127
3	25	25	50	50	100	184
3.6	28	28	54	56	106	250

C



R-7823



## Shackles, dee shackles with safety bolt

### Dee shackles with safety bolt

- **Material:** AISI 316
- **Safety factor:** MBL equals 6 x WLL
- **Finish:** polished
- **Certification:** 2.1 2.2 3.1 CE IIA
- **Note:** marked with WLL, CE, traceability code and manufacturer identification symbol (VBS)

working load limit	diameter bow	diameter pin	diameter eye	width inside	length inside	weight per 100 pcs
t	a mm	b mm	c mm	d mm	e mm	kg
0.3	8	8	16	16	32	7.10
0.4	10	10	19	20	40	14
0.6	12	12	24	25	48	23.6
1	16	16	31	32	64	54.5
1.5	19	19	38	38	76	96
2	22	22	43	44	85	142
3	25	25	49	50	95	209

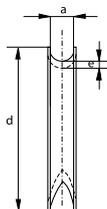
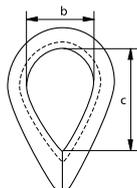
C

### Thimbles, heavy type

- Material: AISI 316
- Finish: polished
- Certification: 2.1 CE IIB



R-7860



width groove	width inside	length inside	length	thickness	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	kg
2	9	15	23	1	0.20
2.5	9.5	15.7	24	1	0.20
3	10	16	25	1	0.30
4	11	17	28	1	0.50
5	13	20	32	1	0.50
6	16	25	39	1.2	0.80
7	18	28	40	1.2	1
8	20	32	49	1.4	1.20
10	26	40	55	1.9	3.40
12	28	45	70	2	4.50
14	34	56	80	2.2	7.30
16	37	62	85	2.5	12.2
18	42	65	95	2.5	15.1
20	45	78	115	3	19
22	50	88	125	3	22.3
24	58	96	135	4	40.5
26	66	105	140	4	49.7

C

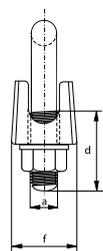
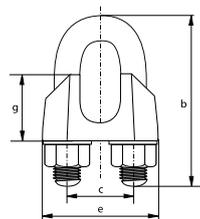
### Wire rope clips

Generally to DIN 741

- Material: AISI 316
- Standard: generally to DIN 741
- Finish: polished
- Certification: 2.1 CE IIB



R-7863



diameter wire rope	diameter	length bow	width inside	length thread	length base	thickness base	height base	weight per 100 pcs
mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
3	4	20	9	12	21	10	10	1.40
4	4	22	9	12	21	10	10	1.40
5	5	24	11	13	23	11	10	1.50
6	5	28	13	15	26	12	11	2.10
8	6	34	16	19	30	14	15	3.50
10	8	42	19	22	34	18	17	6.10
13	10	55	24	30	42	23	21	13
16	12	63	29	33	50	26	26	21
19	12	75	32	38	54	29	30	26
22	14	85	37	44	61	33	34	40
26	14	95	41	45	65	35	37	44



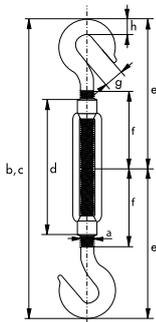
## Open body rigging screws Hook-Hook

- Material: AISI 316
- Finish: polished
- Certification: 2.1



R-7837

diameter thread	length closed position	length open position	length body	length	length	length	opening hook	thickness	weight each
a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	h mm	kg
M5	120	170	70	58	33	8	5	0.04	
M6	150	210	90	73	43	9	6	0.08	
M8	200	290	120	98	56	11	8	0.16	
M10	240	355	150	117	71	12	9	0.27	
M12	310	470	200	157	95	14	11	0.51	
M16	390	590	250	186	116	16	15	1.20	
M20	440	675	300	214	139	18	19	1.90	



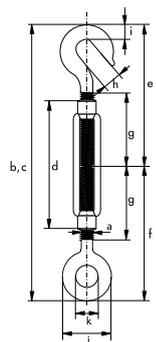
## Open body rigging screws Hook-Eye

- Material: AISI 316
- Finish: polished
- Certification: 2.1



R-7838

diameter thread	length closed position	length open position	length body	length	length	length	opening hook	thickness	diameter eye outside	diameter eye inside	weight each
a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	k mm	kg
M5	120	170	70	58	56	33	8	5	17	8	0.04
M6	150	210	90	73	71	43	9	6	21	10	0.08
M8	200	290	120	98	95	56	11	8	28	14	0.16
M10	240	355	150	117	118	71	12	9	34	16	0.27
M12	310	470	200	157	154	95	14	11	40	18	0.51
M16	390	590	250	186	190	116	16	15	54	26	1.20
M20	440	675	300	214	220	139	18	19	64	30	1.90



C

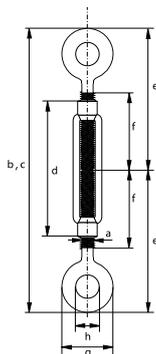
## Open body rigging screws Eye-Eye

- Material: AISI 316
- Finish: polished
- Certification: 2.1



R-7839

diameter thread	length closed position	length open position	length body	length	length	diameter eye outside	diameter eye inside	weight each
a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	kg
M5	120	170	70	56	33	17	8	0.04
M6	150	210	90	71	43	21	10	0.08
M8	200	290	120	95	56	28	14	0.16
M10	240	355	150	118	71	34	16	0.27
M12	310	470	200	154	95	40	18	0.51
M16	390	590	250	190	116	54	26	1.20
M20	440	675	300	220	139	64	30	1.90



C

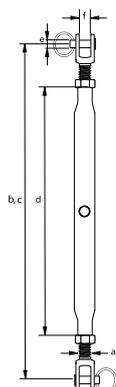
## Closed body rigging screws Jaw-Jaw

- Material: AISI 316
- Finish: polished
- Certification: 2.1



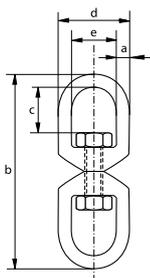
R-7830

diameter thread	length open	length closed	length body	diameter pin	width jaw inside	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	f mm	kg
M5	190	125	80	5.2	6	6.50
M6	210	155	95	6.2	7.5	8.10
M8	240	180	105	8.7	10	15.9
M10	270	220	125	9.7	12	29.9
M12	360	255	150	12.7	14	53.2
M14	385	270	165	12.7	14	64
M16	450	320	190	16	16	116
M20	450	355	210	19	20	145





R-7877



## Swivels

### Eye - Eye

- Material: AISI 316
- Finish: polished
- Certification:

diameter	length	length inside	width outside	width inside	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	kg
5	60	13	23	13	3.40
6	65	15	26	15	5.10
8	90	22	35	20	13.1
10	115	27	44	24	26
13	154	35	57	32	58
16	188	45	71	39	105
19	229	50	84	41	220

C

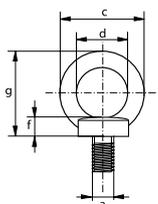
## Eye bolts

Generally to DIN 580

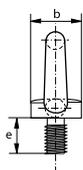


- **Material:** AISI 316
- **Standard:** generally to DIN 580
- **Finish:** polished
- **Certification:** 2.1

R-7840



working load limit	diameter thread	diameter base	diameter eye outside	diameter eye inside	length thread	thickness base	height	weight per 100 pcs
t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
0.07	M6	20	36	20	13	6	36	3
0.14	M8	20	36	20	13	6	36	6
0.23	M10	25	45	25	17	8	45	10.3
0.34	M12	30	54	30	20.5	10	53	17.7
-	M16	35	63	35	27	12	62	28
1.2	M20	40	72	40	30	14	71	45
1.8	M24	45	90	45	36	18	90	74



C

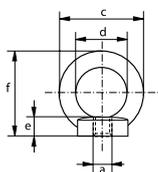
## Eye nuts

Generally to DIN 582

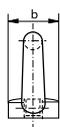


- **Material:** AISI 316
- **Standard:** generally to DIN 582
- **Finish:** polished
- **Certification:** 2.1

R-7842



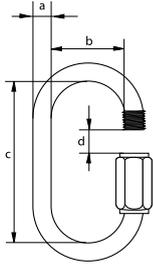
diameter thread	diameter base	diameter eye outside	diameter eye inside	thickness base	height	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	f mm	kg
M6	20	36	20	8.5	36	4.20
M8	20	36	20	8.5	36	5.20
M10	25	45	25	10	45	9.40
M12	30	54	30	11	53	14.8
M16	35	63	35	13	62	23.7



C



R-7873



### Quick links, standard type

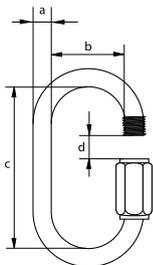
- Material: AISI 316
- Finish: polished
- Certification: 2.1

diameter	width inside	length inside	opening	minimum breaking load	weight per 100 pcs
a mm	b mm	c mm	d mm	kg	kg
3.5	10	29	5	155	0.90
4	12	32	5.5	450	1.20
5	13	39	6.5	585	2
6	14	46	7.5	790	3.30
7	16	51	8.5	1085	5.30
8	17	59	10.5	1380	7.50
9	17	64	11.5	1790	10.3
10	20	70	12.5	2085	13.7
12	23	83	14.5	2265	22.5

C



R-7874



### Quick links, with enlarged opening

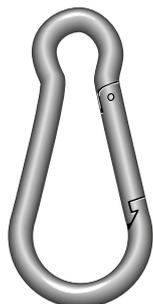
- Material: AISI 316
- Finish: polished
- Certification: 2.1

diameter	width inside	length inside	opening	minimum breaking load	weight per 100 pcs
a mm	b mm	c mm	d mm	kg	kg
3.5	10	40	10	155	1.20
5	14	52	14	585	2.60
6	16	60	16	790	4
8	18	74	18	1380	9.10
10	20	85	20	2085	15.9
12	23	98	23	2265	30.4
14	27	116	26	2540	40.2

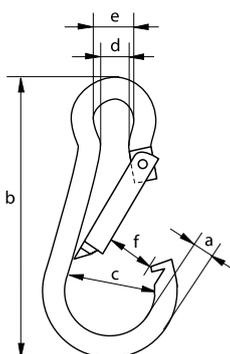
C

## Carabine hooks, standard type

- Material: AISI 316
- Finish: polished
- Certification: 2.1



R-7872

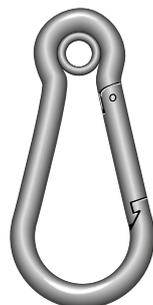


diameter	length	width	width inside	width inside	width opening	minimum breaking load	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	f mm	kg	kg
4	40	14	5	7	5.5	70	0.80
5	50	16	7	8	7.5	110	1.50
6	60	18	7	9	9	132	2.60
7	70	22	9	10	10.5	198	2.60
8	80	24	11	12	12.5	330	4.40
9	90	26	11	12	10	363	6.40
10	100	30	12	15	15	506	12.2
11	120	36	14	18	17	660	12.5
12	140	40	16	20	22	748	25
13	160	44	20	22	27	880	35
14	180	48	20	22	28	946	35

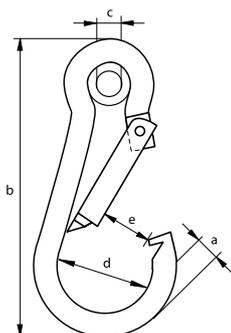
C

## Carabine hooks, with pressed thimble

- Material: AISI 316
- Finish: polished
- Certification: 2.1

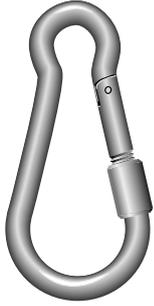


R-7875

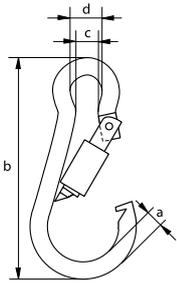


diameter	length	diameter inside thimble	width	width opening	minimum breaking load	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	kg	kg
4	40	5	14	5.5	70	0.90
5	50	5	16	7.5	110	1.60
6	60	5	18	9	132	2.80
7	70	7	22	10.5	198	4.40
8	80	10	24	12.5	330	6.40
9	90	10	26	10	363	9.30
10	100	13	30	15	506	12.5
11	120	13	36	17	660	18.7
12	140	15	40	22	748	25
13	160	17	44	27	880	35
14	180	17	48	28	946	50

C



R-7876



## Carabine hooks, with screw nut

- Material: AISI 316
- Finish: polished
- Certification: 2.1

diameter	length	width inside	width inside	minimum breaking load	weight per 100 pcs
a mm	b mm	c mm	d mm	kg	kg
4	40	5	7	70	0.80
5	50	7	8	110	1.70
6	60	7	9	132	2.60
7	70	9	10	198	4.40
8	80	11	12	330	6.40
9	90	11	12	363	9.30
10	100	12	15	506	12.7
11	120	14	18	660	19.5
12	140	16	20	748	25
13	160	20	22	880	35
14	180	20	22	946	50

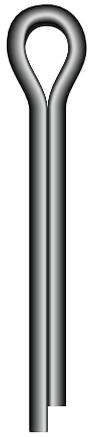
C

# Cotter Pin

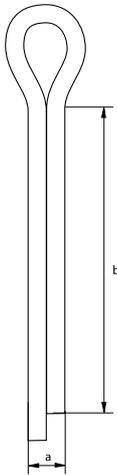
## Stainless steel cotter pin

- Material: AISI 304
- Finish: polished
- Certification: 2.1

Scan for additional product details



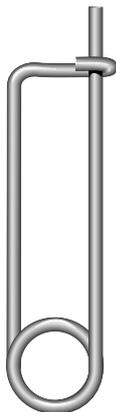
R-7856



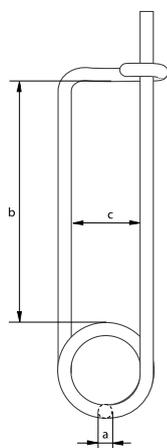
diameter		length	weight per 100 pcs
a	mm	b	kg
	2.5	20	0.08
	4	32	0.30
	5	36	0.60
	6.3	45	1.20
	8	63	2.80
	8	80	4.40
	10	71	5
	10	90	6
	10	100	6.60
	10	120	4.40
	12	140	7
	12	160	7
	12	180	7
	13	110	12.1
	16	160	16

split pin	for shackle										
	G-4163 G-4143	G-4153 G-4133	P-6036 P-6016 ≤150	P-6038 P-6018	P-6033 P-6013 ≤150	G-5263 G-5243	G-5163 G-5143	P-6031 P-6011 ≤150	G-4263 G-4243	G-4553	R-7827 R-7823
a x b mm	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t
2.5 x 20	0.5										0.4
	0.75										0.6
	1										0.8
	1.5										
4 x 32	2	2				3.3	2				
	3.25	3.25				5	3.25				
5 x 36	4.75	4.75			7	7	4.75		4.75	4.6	1
	6.5	6.5				9.5	6.5				1.5
											2
											3
6 x 45	8.5	8.5			12.5	12.5	8.5		6.5	8.6	3.6
	9.5	9.5			18	15	9.5		8.5		4.5
	12	12				18	12		9.5		
8 x 63	13.5	13.5				21	13.5		12	15.5	
	17	17				30	17		16		
8 x 80					30						
					40						
10 x 71	25	25				40	25		25		
	35	35				55	35		30		
10 x 90	42.5	42.5				85	42.5		55		
	55	55					55				
10 x 100	85	85			55	120	85		75		
					75						
10 x 120					125						
12 x 140					150						
					200						
12 x 160					250						
					300						
13 x 110			120	120		150		120			
			150			175		150			
16 x 160			200					200			
			250					250			
			300					300			

C



R-7850



## Safety Pin

### Stainless steel safety pin

- Material: AISI 304
- Finish: polished
- Certification: 2.1



diameter	length inside	width inside	weight per 100 pcs
a mm	b mm	c mm	kg
2	46	18	0.50
3	66	23	1.80
4	74	29	3.90
5	85	38	7.40
6	90	39	12.5

safety pin	for shackle							
	G-4163	G-4153	P-6033	G-5263	G-5163	G-4263	G-4553	P-5367
a x b mm	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t
2x46	4.75	4.75	7	7	4.75	4.75	4.6	
	6.5	6.5		9.5	6.5	6.5		
3x66	8.5	8.5	12.5	12.5	8.5	8.5	8.6	
	9.5	9.5	18	15	9.5	9.5		
	12	12		18	12	12		
4x74	13.5	13.5	30	21	13.5	16	15.5	
	17	17		30	17	25		
	25	25		40	25			
5x95	35	35	40	55	35	30		
	42.5	42.5	55		42.5			
6x90	55	55	75	85	55	55		
	85	85	125	120	85	75		

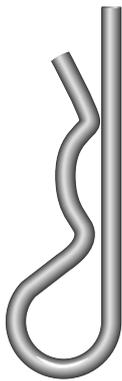
C

# Single Spring Pin

Stainless steel single type spring pin

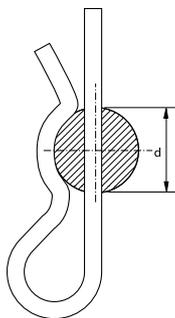
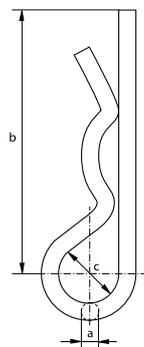
- Material: AISI 304
- Finish: polished
- Certification: 2.1

Scan for additional product details



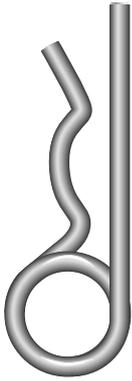
R-7852

diameter	length	diameter	diameter	weight per 100 pcs
a mm	b mm	c mm	d mm	kg
2	50	10	9 - 14	0.30
3	60	18	10 - 16	0.90
4	60	20	16 - 20	1.60
5	85	24	20 - 28	3.30
6	105	30	28 - 40	6.20
7	105	30	28 - 45	8.30
8	110	28	30 - 45	10.5

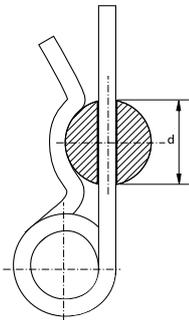
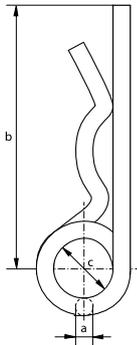


spring pin	for shackle						
	G-4163	G-4153	P-6033	G-5263	G-5163	G-4263	G-4553
diameter mm	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t
2	2	2		3.3	2		
3	3.25	3.25		5	3.25		
4	4.75	4.75	7	7	4.75	4.75	4.6
	6.5	6.5		9.5	6.5		
5	8.5	8.5	12.5	12.5	8.5	6.5	8.6
	9.5	9.5	18	15	9.5	8.5	
	12	12		18	12	9.5	
6	13.5	13.5		21	13.5	12	15.5
	17	17		30	17	16	
7	25	25	30	40	25	25	
			40				

C



R-7854



## Spring Pins

### Stainless steel double type spring pin

- Material: AISI 304 or 316
- Finish: polished
- Certification: 2.1

Scan for additional product details



diameter	length	diameter	diameter	weight per 100 pcs
a mm	b mm	c mm	d mm	kg
2	50	10	8 - 14	0.40
3	62	16	14 - 20	1.40
3	80	15	18 - 30	2.50
4	78	23	17 - 24	3
4	110	21	24 - 45	3
4	120	21	45 - 56	3
4	150	27	45 - 56	3
5	92	26	18 - 30	5.30
6	120	30	24 - 36	9.60
7	130	30	24 - 40	13.5
8	130	30	24 - 45	17.8

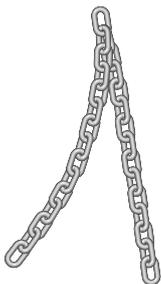
spring pin	for shackle											
	G-4163	G-4153	P-6033	G-5263	G-5163	G-4263	G-4553	P-5363	P-5365	P-5367	P-5361D/F	P-5362D/F
a x b mm	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t	WLL t
2 x 50	2	2		3.3	2							
3 x 62	3.25	3.25		5	3.25				6.5~12		6.5	
3 x 80										12		
										13.5		
4 x 78	4.75	4.75	7	7	4.75	4.75	4.6	6.5	17			
	6.5	6.5		9.5	6.5		8.6		25			
	8.5	8.5		12.5	8.5				35			
4 x 110										17		
										25		
										35		
4 x 120										42.5		12~55
										55		
4 x 150										85		
										120		
										150		
5 x 92	9.5	9.5	12.5	15	9.5	6.5		9.5	42.5~85		9.5	
	12	12	18	18	12	8.5		12	120~250			
						9.5						
6 x 120	13.5	13.5		21	13.5	12	15.5	17			12	
	17	17		30	17	16					17	
											25	
8 x 130	25	25	30	40	25	25		25			35	
			40									

C

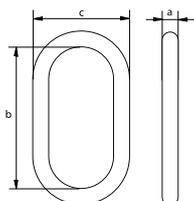
## Short link chain

Generally to DIN 766 and DIN 5685-3

- **Material:** AISI 316
- **Standard:** generally to DIN 766 and DIN 5685-3
- **Certification:** 2.1



R-7880



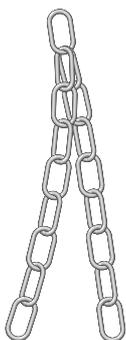
diameter	length inside	width outside	weight per meter
a mm	b mm	c mm	kg
3	16	11	0.17
4	16	14	0.32
5	18.5	17	0.50
6	18.5	20	0.75
8	24	26	1.35
10	28	34	2.25

C

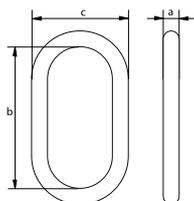
## Long link chain

Generally to DIN 763 and DIN 5685-1

- **Material:** AISI 316
- **Standard:** generally to DIN 763 and DIN 5685-1
- **Certification:** 2.1



R-7890



diameter	length inside	width outside	weight per meter
a mm	b mm	c mm	kg
3	26	12	0.14
4	32	16	0.27
5	36	20	0.43
6	42	24	0.63
7	48	28	0.86
8	54	32	1.10
10	66	40	1.75