

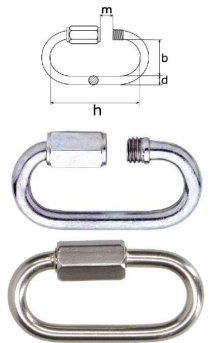
## Chain accessories for General use

### Quick links galvanized steel and Stainless Steel 316

NOT FOR LIFTING PURPOSES, ONLY FOR GENERAL USE.

Dimensions snap hooks, h x b x m in mm

Article No. Galvanized	Article No. Stainless Steel 316	h x b x m in mm Galvanized	h x b x m in mm Stainless	Thick-ness (d) in mm	Packed GV	WLL GV kg	Packed SS	WLL SS 316 kg	IMPA Galvanized	IMPA Stainless Steel
93N2003	93N94503	28 x 10 x ~5	29 x 10 x ~5	3,5	100	20	10	25	-	-
93N2004	93N94504	32 x 11 x ~6	32 x 12 x ~5,5	4	100	90	10	90	-	-
93N2005	93N94505	39 x 12 x ~6,5	39 x 13 x ~6,5	5	100	140	10	140	-	-
93N2006	93N94506	46 x 14 x ~7,5	46 x 14 x ~7,5	6	100	200	5	200	-	-
93N2007	93N94507	52 x 16 x ~8	52 x 16 x ~8	7	50	275	5	275	-	-
93N2008	93N94508	59 x 18 ~10	59 x 18 x ~10	8	50	350	5	350	-	-
93N2009	-	64 x 19 x ~11	64 x 11 x ~11	9	30	400	-	-	-	-
93N1010	93N94510	70 x 20 x ~12	67 x 20 x ~12	10	25	550	5	550	-	-
93N2012	93N94512	85 x 25 x ~15	85 x 25 x ~15	12	15	750	3	750	-	-



## Steel Wire Rope for general use

### Steel wire rope 6x7 + 1 FC, galvanized

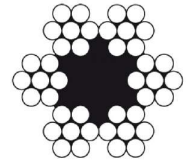
The steel wire cable consist of 6 strands of 7 steel wires that are wound crosswise around 1 fiber rope core. The cable is relatively stiff.

According to DIN EN 12385-4 with safety factor 5. For Safe Working Load always devide the MBL by factor 5.

NOT FOR LIFTING PURPOSES, ONLY FOR GENERAL USE.

Article No.	Size	L mt	MBL kg	WLL kg	IMPA
250445B	1 mm	100	74	14	-
250446B	2 mm	100	239	47	-
250447B	3 mm	100	538	107	-
250448B	4 mm	100	957	191	-

Article No.	Size	L mt	MBL kg	WLL kg	IMPA
250449B	5 mm	100	1500	300	-
250450B	6 mm	100	2150	430	21 20 01
250451B	8 mm	100	3835	767	21 20 03



### Steel wire rope 6x7 + 1 FC, galvanized PVC Coated

The steel wire cable consist of 6 strands of 7 steel wires that are wound crosswise around 1 fiber rope core. The cable is relatively stiff.

With a PVC coating layer to protect sensitive parts. Available in multiple dimensions.

According to DIN EN 12385-4 with safety factor 5. For Safe Working Load always devide the MBL by factor 5.

NOT FOR LIFTING PURPOSES, ONLY FOR GENERAL USE.

Article No.	Size	L mt	MBL kg	WLL kg	Colour Cover	IMPA
250447RO	2-3 mm	100	239	47	Red	-
250448RO	3-5 mm	100	538	107	Red	-

Article No.	Size	L mt	MBL kg	WLL kg	Colour Cover	IMPA
250450PVC	4-6 mm	100	957	191	Clear	-
250451PVC	6-8 mm	50	2160	432	Clear	-



### Steel wire rope 7x19 Stainless steel AISI 316 and Galvanized

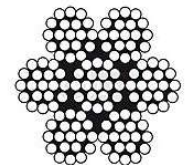
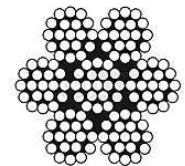
The Stainless Steel cable is relatively flexible and extremely resistant against corrosion and very suitable to use in combination with pulleys.

The cable consist of 6 strands of 19 wires that are regular right hand lay around 1 strand of 19 wires.

According to DIN EN 12385-4 with safety factor 5. For Safe Working Load always devide the MBL by factor 5.

NOT FOR LIFTING PURPOSES, ONLY FOR GENERAL USE. Standard rolls of 100 mtr.

Article No. Galvanized	Article No. Stainless Steel 316	Size	L mt	MBL kg Stainless Steel	WLL kg Stainless Steel	MBL kg Galvanized Steel	WLL kg Galvanized Steel	IMPA Stain-less Steel	IMPA Galvanized Steel
250446BA4	-	2 mm	100	212	42	-	-	-	-
250447BA4	250447R	3 mm	100	478	95	478	95	-	-
250448BA4	250448R	4 mm	100	851	170	956	191	-	-
250449BA4	240449R	5 mm	100	1328	265	1490	298	-	-
250450BA4	250450R	6 mm	100	1913	382	2150	430	-	-
250451BA4	250451R	8 mm	100	3397	679	3820	764	21 40 61	-
250452BA4	250452R	10 mm	100	5314	1062	5970	1194	21 40 63	-



### Nicopress ferrules / sleeves, copper tin plated

Press clamps for cable wires from 0.8-1.0 mm up to 8 mm. Material Copper tin plated.

To use with the Nicopress plier. Large size on request.

Article No.	Size	Packed	IMPA
25NP010	0.8-1.0 mm	100	-
25NP014	1.0-1.4 mm	100	-
25NP020	1.5-2.0 mm	100	-
25NP025	2.5 mm	50	-
25NP030	2.8-3.0 mm	50	-

Article No.	Size	Packed	IMPA
25NP035	3.1-3.5 mm	50	-
25NP040	4.0-4.5 mm	50	-
25NP050	5.0 mm	25	-
25NP060	6.0 mm	25	-
25NP080	8.0 mm	25	-



Article No.	For cable Ø mm	Packed	IMPA
25NP45101	Nicopress Cable Press Plier 0.8-1.1 mm L = 200 mm	1	-
25NP45125	Nicopress Cable Press Plier 1.5-5.0 mm L = 600 mm	1	-



## Steel Wire Rope accessories for general use

### Wire rope clips similar to DIN 741 (Bulldog Clip)

Galvanized steel wire rope clips.

Article No.	Size rope	Thread	Packed	IMPA
250447	3 mm - 1/8"	M4	100	-
250448	5 mm - 3/16"	M5	100	23 08 16
250449	6 mm - 1/4"	M5	100	23 08 17
250450	8 mm - 5/16"	M6	50	23 08 18
250451	10 mm - 3/8"	M8	50	23 08 19
250452	11 mm	M8	50	-
250453	12 mm - 1/2"	M10	25	23 08 20
250454	14 mm - 9/16"	M10	25	-

Article No.	Size rope	Thread	Packed	IMPA
250455	16 mm - 5/8"	M12	25	23 08 21
250456	19 mm - 3/4"	M12	10	23 08 22
250457	22 mm - 7/8"	M14	5	23 08 23
250458	26 mm - 1"	M14	1	23 08 24
250459	30 mm - 1.1/8"	M16	1	23 08 25
250460	34 mm - 1.1/4"	M16	1	23 08 26
250461	38 mm - 1.1/2"	M16	1	23 08 27



### Wire rope clips similar to DIN EN 13411-5 Type A (DIN1142) (Bulldog Clip)

Galvanized steel wire rope clips. Higher strength than DIN 741.

Article No.	Size rope	Thread	Packed	IMPA
250448EN	5 mm - 3/16"	M5	100	-
250449EN	6.5 mm - 1/4"	M6	100	-
250450EN	8 mm - 5/16"	M8	50	23 08 76
250451EN	10 mm - 3/8"	M8	50	23 08 77
250453EN	12-13 mm - 1/2"	M12	50	23 08 78
250455EN	16 mm - 5/8"	M14	25	23 08 80

Article No.	Size rope	Thread	Packed	IMPA
250456EN	19 mm - 3/4"	M16	25	23 08 81
250457EN	22 mm - 7/8"	M16	2	23 08 82
250458EN	26 mm - 1"	M20	1	23 08 83
250459EN	30 mm - 1.1/8"	M20	1	23 08 85
250460EN	34 mm - 1.1/2"	M22	1	23 08 86



### Wire rope clips similar to DIN 741 (Bulldog Clip)

Stainless steel AISI316 wire rope clips.

Article No.	Size rope	Thread	Packed	IMPA
250446A4	2 mm	M3	50	23 36 52
250447A4	3 mm - 1/8"	M4	50	23 36 53
250448A4	4 mm	M4	50	23 36 54
250449A4	5 mm - 3/16"	M5	50	23 36 55
250450A4	6 mm - 1/4"	M5	50	23 36 56

Article No.	Size rope	Thread	Packed	IMPA
250451A4	8 mm - 5/16"	M6	25	23 36 57
250452A4	10 mm - 3/8"	M8	15	23 36 58
250453A4	12-13 mm - 1/2"	M10	10	23 36 59
250454A4	16 mm - 5/8"	M12	5	23 36 60



### Ferrules / sleeves, standard EN 13411-3 Aluminium

Press clamps for fibre core cable wires from 1.1 up to 10.2 mm and steel core from 0.9 mm up to 9.0 mm. Material aluminium.

To use with the press plier. According to EN 13411-3 from length 9 mm.

Article No.	Fibre core min-max mm	Steel core min-max mm	Length mm	Packed	IMPA
250445D	0.9-1.0	0.5-0.8	5	100	-
250445E	1.1-1.5	0.9-1.1	6	100	-
250446D	1.6-2.0	1.2-1.6	7	100	-
250447D	2.7-3.1	2.2-2.6	11	100	-
250447E	3.2-3.6	2.7-3.1	13	100	-
250448D	3.7-4.1	3.2-3.6	14	100	-
250448E	4.2-4.6	3.7-4.2	16	100	-
250449D	4.7-5.1	4.3-4.6	18	100	-

Article No.	Fibre core min-max mm	Steel core min-max mm	Length mm	Packed	IMPA
250450D	5.2-6.1	4.7-5.5	21	100	-
250450E	6.2-6.6	5.6-6.0	23	50	-
250450F	6.7-7.2	6.1-6.5	25	50	-
250451D	7.3-8.2	6.6-7.2	28	50	-
250451E	8.3-9.2	7.3-8.0	32	50	-
250452D	9.3-10.2	8.1-9.0	35	50	-
250452E	11.3-12.3	10.1-11.0	42	50	-
250452F	13.3-14.2	12.1-13.0	49	50	-



### Ferrules / sleeves, standard Copper

Press clamps for fibre core cable wires from 1.1 up to 10.2 mm and steel core from 0.9 mm up to 9.0 mm. Material copper. To use with the press plier.

Article No.	Fibre core min-max mm	Steel core min-max mm	Length mm	Packed	IMPA
250445K	1.1-1.5	0.9-1.1	6	100	-
250446K	1.6-2.0	1.2-1.6	7	100	-
250447K	2.7-3.1	2.2-2.6	11	100	-
250447EK	3.2-3.6	2.7-3.1	13	100	-
250448K	3.7-4.1	3.2-3.6	14	100	-
250448EK	4.2-4.6	3.7-4.2	16	100	-
250449K	4.7-5.6	4.3-4.6	18	100	-

Article No.	Fibre core min-max mm	Steel core min-max mm	Length mm	Packed	IMPA
250450K	5.2-6.1	4.7-5.5	21	100	-
250450EK	6.2-6.6	5.6-6.0	23	50	-
250450JK	6.7-7.2	6.1-6.5	25	50	-
250451K	7.3-8.2	6.6-7.2	28	50	-
250451EK	8.3-9.2	7.3-8.0	32	50	-
250452K	9.3-10.2	8.1-9.0	35	50	-



### Ferrules round Aluminium

To use as end-piece. To use with the press plier.

Article No.	For Ø mm	Length mm	Packed	IMPA
250446ES	2.0	7.0	100	-
250447ES	3.0	11.0	100	-
250448ES	4.0	14.0	100	-

Article No.	For Ø mm	Length mm	Packed	IMPA
250449ES	5.0	18.0	100	-
250450ES	6.0	14.0	100	-



## Steel Wire Rope accessories for general use

### Ferrule plier

To use in combination with the aluminium and copper standard ferrules / sleeves and end sleeves.

Article No.	For cable Ø mm	Packed	IMPA
250447T	Ferrule plier for cable 0.5-1.5 mm	1	-
250448T	Ferrule plier for cable 1.2-4.1 mm	1	-
250449T	Ferrule plier for cable 1.2-5.1 mm	1	-
250450T	Ferrule plier for cable 5.5-6.0 mm	1	-
250451T	Ferrule plier for cable 6.5-7.0 mm	1	-
250452T	Ferrule plier for cable 8.0 mm	1	-



### Thimbles B-DIN 6899 Stainless steel AISI 316 and Galvanized

To use in combination with the steel wire cable and wire clips.

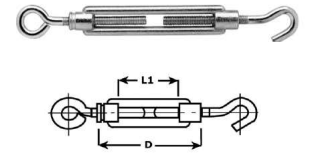
Article No. Galvanized	Article No. Stainless Steel 316	Size Cable Ø mm	Packed	IMPA Galvanized Steel	IMPA Stainless Steel	Article No. Galvanized	Article No. Stainless Steel 316	Size Cable Ø mm	Packed	IMPA Galvanized Steel	IMPA Stainless Steel
250440	250440A4	3.5	100	-	-	250445	250445A4	11.0	100	23 09 04	23 36 74
250440K	250440KA4	4.0	100	-	-	250446	250446K4	13.0	100	23 09 05	23 36 75
250441	250441A4	5.0	100	-	-	250446K	250446KA4	15.0	100	23 09 06	23 36 76
250442	250442A4	6.0	100	23 09 01	23 36 71	250446L	250446LA4	16.0	100	23 09 07	23 36 77
250443	250443A4	7.0	100	23 09 02	23 36 72	250446M	250446MA4	18.0	100	23 09 08	23 36 78
250444	250444A4	9.0	100	23 09 03	23 36 73	250446N	250446NA4	20.0	100	23 09 09	23 36 79



### Turnbuckles Hook-Eye Galvanized for light applications

Material: Die cast with galvanized finish. Only for light applications (commercial use). Also available in hook - hook version.

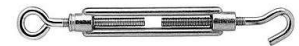
Article No. Galvanized	Size mm	D x L1 mm	Packed	IMPA	Article No. Galvanized	Size mm	D x L1 mm	Packed	IMPA
250480A	M5	50 x 30	50	-	250482	M10	80 x 50	25	-
250480	M6	60 x 35	50	-	250483	M12	130 x 90	10	-
250481	M8	70 x 45	25	-					



### Turnbuckles Hook-Eye Stainless Steel AISI316 for light applications

Material: Stainless Steel AISI316 Polished. Only for light applications (commercial use)

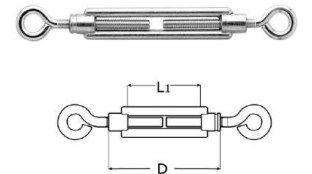
Article No. AISI 316	Size mm	D x L1 mm	WLL	Packed	IMPA	Article No. AISI 316	Size mm	D x L1 mm	WLL	Packed	IMPA
250480AA4	M5	70 x 50	40	10	-	250483A4	M12	200 x 165	300	5	-
250480A4	M6	90 x 65	75	10	-	250484A4	M16	250 x 210	530	1	-
250481A4	M8	120 x 94	140	5	-	250485A4	M20	300 x 245	730	1	-
250482A4	M10	150 x 120	220	5	-						



### Turnbuckles Eye-Eye Galvanized for light applications

Material: Die cast with galvanized finish. Only for light applications (commercial use). Also available in hook - hook version.

Article No. Galvanized	Size mm	D x L1 mm	Packed	IMPA	Article No. Galvanized	Size mm	D x L1 mm	Packed	IMPA
250480AO	M5	50 x 30	50	-	250482O	M10	80 x 50	25	-
250480O	M6	60 x 35	50	-	250483O	M12	130 x 90	10	-
250481O	M8	70 x 45	25	-					



### Turnbuckles Hook-Eye Stainless Steel AISI316 for light applications

Material: Stainless Steel AISI316 Polished. Only for light applications (commercial use)

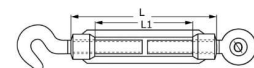
Article No. AISI 316	Size mm	D x L1 mm	WLL	Packed	IMPA	Article No. AISI 316	Size mm	D x L1 mm	WLL	Packed	IMPA
250480AOA4	M5	70 x 50	40	10	-	250482OA4	M10	150 x 120	220	5	-
250480OA4	M6	90 x 65	75	10	-	250483OA4	M12	200 x 165	300	5	-
250481OA4	M8	120 x 94	140	5	-	250484OA4	M16	250 x 210	530	1	-



### Turnbuckles Hook -Eye DIN 1480 Galvanized

Material: Steel with galvanized finish. Heavy Duty type. Also available in Hook - Hook version.

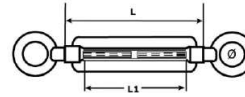
Article No. Galvanized	Size mm	L x L1 mm	Size Cable Ø mm	WLL	Packed	IMPA	Article No. Galvanized	Size mm	L x L1 mm	Size Cable Ø mm	WLL	Packed	IMPA
250486	M5	70 x 50	8	60	10	-	250492	M16	170 x 110	22	600	10	23 05 50
250487	M6	110 x 80	11	70	10	23 05 46	250493	M20	200 x 130	26	910	5	23 05 51
250488	M8	110 x 75	14	140	10	23 05 47	250494	M24	255 x 170	34	1300	1	23 05 53
250489	M10	125 x 85	18	220	10	23 05 48	250495	M30	255 x 160	31	2100	1	23 05 54
250490	M12	140 x 90	18	310	10	23 05 49	250496	M36	295 x 180	38	2300	1	23 05 55
250491	M14	170 x 110	18	400	10	-							



## Steel Wire Rope accessories for general use

### Turnbuckles Eye -Eye DIN 1480 Galvanized

Material: Steel with galvanized finish. Heavy Duty type.  
Also available in Hook - Hook version.

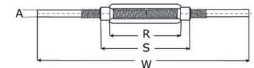


Article No. Galvanized	Size mm	L x L1 mm	Size Cable Ø mm	WLL	Packed	IMPA
2504860	M5	70 x 50	8	60	10	-
2504870	M6	110 x 80	11	70	10	23 05 16
2504880	M8	110 x 75	14	140	10	23 05 17
2504890	M10	125 x 85	18	220	10	23 05 18
2504900	M12	140 x 90	18	310	10	23 05 19
2504910	M14	170 x 110	18	400	10	-

Article No. Galvanized	Size mm	L x L1 mm	Size Cable Ø mm	WLL	Packed	IMPA
2504920	M16	170 x 110	22	600	10	23 05 20
2504930	M20	200 x 130	26	910	5	23 05 21
2504940	M24	255 x 170	34	1300	1	23 05 23
2504950	M30	255 x 160	31	2100	1	23 05 24
2504960	M36	295 x 180	38	2300	1	23 05 25

### Turnbuckles with stub ends DIN 1480 without finish

Material: Steel without finish. Heavy Duty type.  
Stubs to be welded to connect.



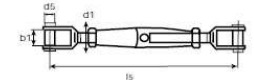
Article No.	Size mm	W x S x R mm	WLL	Packed	IMPA
250487L	M6	240x110x80	225	1	-
250488L	M8	240x110x75	410	1	-
250489L	M10	300x125x85	650	1	-
250490L	M12	300x125x80	930	1	-
250491L	M14	330x140x90	1320	1	-

Article No.	Size mm	W x S x R mm	WLL	Packed	IMPA
250492L	M16	400x170x110	1770	1	-
250493L	M20	440x200x130	2700	1	-
250494L	M24	520x255x170	3920	1	-
250495L	M30	520x255x160	6250	1	-
250496L	M36	600x295x180	9100	1	-

### Turnbuckles with Jaw-Jaw Stainless Steel AISI 316

Material: Stainless Steel AISI 316 polished.

Article No.	Size	Size Cable Ø mm	Body L in mm	I5 in mm	I5 max in mm	b1 in mm	Packed	IMPA Stainless Steel
250479GA4	M5	2.5	83	130	200	8	10	-
250480GA4	M6	3	95	149	220	8	10	-
250481GA4	M8	4	105	164	244	12	5	-
250482GA4	M10	5	120	188	278	13	5	-
250484GA4	M12	6-7	149	243	353	15	4	-
250484BGA4	M14	7	171	265	405	15	1	-
250485GA4	M16	8	192	320	460	18	2	-
250486GA4	M20	10	210	356	536	22	1	-

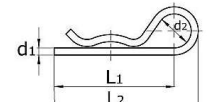


### Spring pins single, Galvanized

Material: Spring steel with galvanized finish.

Article No.	Size mm	l1 in mm	l2 in mm	d2 in mm	Packed	IMPA
250360	2	44	52	12	50	-
250361	3	55	65	13	50	-
250362	4	77	90	18	50	-
250363	5	82	98	22	50	-

Article No.	Size mm	l1 in mm	l2 in mm	d2 in mm	Packed	IMPA
250364	6	85	106	30	50	-
250365	7	100	119	24	50	-
250366	8	130	156	36	50	-

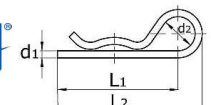


### Spring pins single, Stainless Steel

Material: Spring Stainless Steel

Article No.	Size mm	l1 in mm	l2 in mm	d2 in mm	Packed	IMPA
250360C	2	49	55	8	50	-
250361C	3	58	70	17	50	-
250362C	4	60	73	17	50	-

Article No.	Size mm	l1 in mm	l2 in mm	d2 in mm	Packed	IMPA
250363C	5	82	100	25	50	-
250364C	6	104	126	31	50	-



### Spring pins double, Galvanized

Material: Spring steel with galvanized finish.

Article No.	Size mm	l1 in mm	l2 in mm	d2 in mm	Packed	IMPA
250360D	2	53	60	9	50	-
250361D	3	60	71	15	50	-
250362D	4	75	90	21	50	-

Article No.	Size mm	l1 in mm	l2 in mm	d2 in mm	Packed	IMPA
250363D	5	94	110	22	25	-
250364D	6	112	132	28	25	-
250365D	7	140	162	30	10	-

