



# SAFE-TEC

***Lifting material: Wire, Dyneema rope,  
Chain material, Straps og Roundslings***

Catalogue 1\_2020



[www.safe-tec.dk](http://www.safe-tec.dk)



# INDEX



<b>Group:</b>	<b>Description:</b>	<b>Page:</b>
<b>005</b>	<b>Steel Wire</b>	<b>2</b>
<b>010</b>	<b>Short lifting chains</b>	<b>3</b>
<b>015</b>	<b>Oval Rings</b>	<b>4</b>
<b>015</b>	<b>Connection joints</b>	<b>5</b>
<b>015</b>	<b>Schackles</b>	<b>6</b>
<b>015</b>	<b>Eye lifting hooks</b>	<b>7-8</b>
<b>017</b>	<b>Transport straps og and Roundslings</b>	<b>9</b>
<b>019</b>	<b>Dyneema – Rope and Protection</b>	<b>10</b>

We preserved the right to change specifications without notice



## STEELWIRE

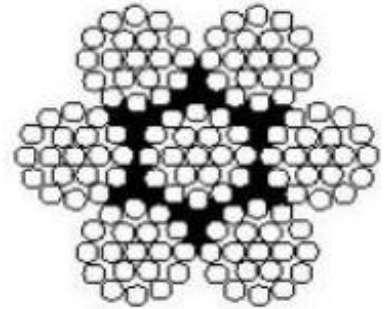
Safe-Tec A/S Supplies steel wire in 4 qualities:

Aircraft Galvanized (EN 12385-4)  
Powerform 6

Aircraft Rustfree (EN 12385-4)  
Durauniq 8C

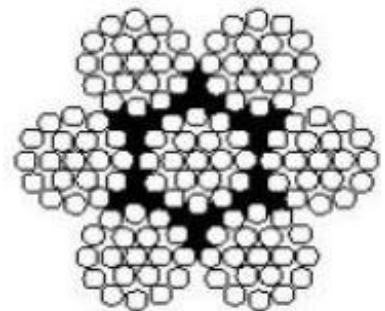
### AIRCRAFT GAVANIZED Specifications

Part No.:	Wire diam Ø (mm)	Strings	MBL kg	Weight / 100m (kgs)
WIR042	4	7x19	1045	6,1
WIR055	5	7x19	1633	9,53
WIR060	6	7x19	2351	13,72
WIR080A	8	7x19	4180	24,38



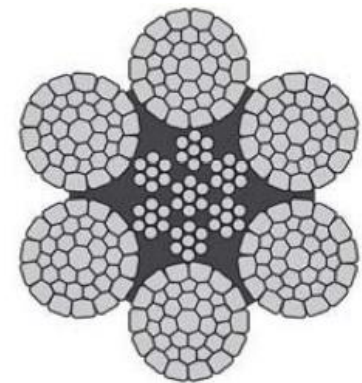
### AIRCRAFT RUSTFREE Specifications

Part No.:	Wire diam Ø (mm)	Strings	MBL kg	Weight / 100m (kgs)
WIR040R	4	7x19	927	6,1
WIR050R	5	7x19	1448	9,53
WIR060R	6	7x19	2086	13,72
WIR080R	8	7x19	2939	24,38



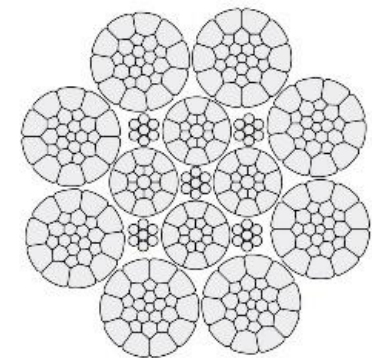
### POWERFORM Specifications

Part No.:	Wire diam Ø (mm)	Strings	MBL kg	Weight / 100m (kgs)
WIR100F	10	6x36	8,70	0,46
WIR120F	12	6x36	11,60	0,67
WIR140F	14	6x36	17,30	0,91
WIR160F	16	6x36	22,20	1,19
WIR180F	18	6x36	28,15	1,5
WIR200F	20	6x36	34,10	1,86
WIR220F	22	6x36	40,80	2,25



### DURAUNIQ 8C Specifications

Part No.:	Wire diam Ø (mm)	Strings	MBL kg	Weight / 100m (kgs)
WIR100E	10	Formlagt 8x26	9,56	0,48
WIR120E	12	Formlagt 8x26	14,70	0,69
WIR140E	14	Formlagt 8x26	20,00	0,94
WIR160E	16	Formlagt 8x26	26,10	1,23
WIR180E	18	Formlagt 8x26	33,00	1,56
WIR200E	20	Formlagt 8x26	40,80	1,92
WIR220E	22	Formlagt 8x26	49,40	2,32





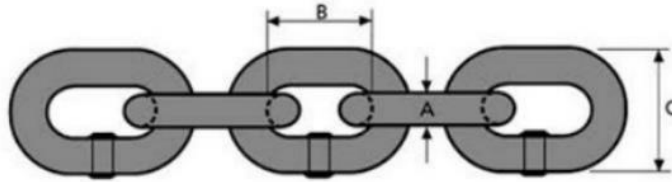
## SHORT LIFTING CHAINS GRADE 80 – 100 – 120

Our lifting chains meets: Maschine directive (CE)  
Safe-Tec A/S supplies lifting chains in 3 qualities.

G80 (EN 818-2)

G100 (EN 818-2)

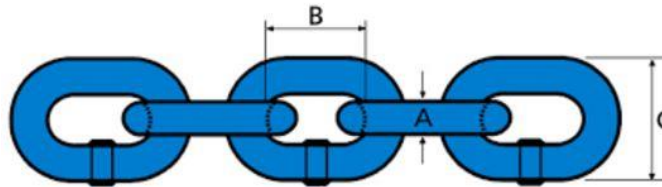
G120 Ice (EN 818 & 1677)



### Specifications G80

Part No.:	Chain Size A Ø (mm)	Int. length B (mm)	Ext. width C (mm)	Max load. (WLL) T:	MBL kN	Wieght / meter (kg)
CHA008	08	24	29,6	2	80,4	1,5
CHA032	10	30	37	3,15	126	2,5
CHA054	13	39	48,1	5,3	212	4
CHA016	16	48	59,2	8	322	

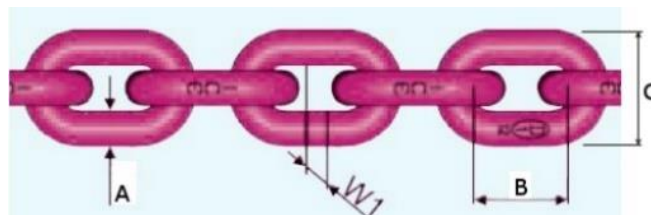
Safety Factor 4:1



### Specifications G100

Part No.:	Chain Size A Ø (mm)	Int. length B (mm)	Ext. width C (mm)	Max load. (WLL) T:	MBL kN	Wieght / meter (kg)
CHA106	06	18	22,2	1,4	56	1
CHA108	08	24	29,6	2,5	100	1,5
CHA110	10	30	37	4,0	160	2,5
CHA113	13	39	48,1	6,7	268	4
CHA116	16	48	59,2	10	400	

Safety Factor 4:1



### Specifications G120

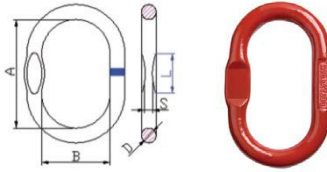
Part No.:	Chain Size A Ø (mm)	Int. length B (mm)	Ext. width C (mm)	Max load. (WLL) T:	MBL kN	Wieght / meter (kg)
CHA106i	06	18	22,2	1,8	56	1
CHA108i	08	24	29,6	3,0	100	1,66
CHA110i	10	30	37	5,0	160	2,62
CHA113i	13	39	48,1	8,0	268	4,25
CHA116i	16	48	59,2	12,5	400	6,72

Safety Factor 4:1



## OVAL RINGS GRADE 80 & 100

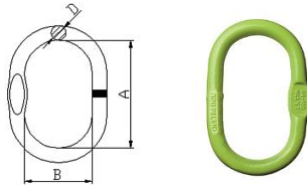
Our Oval rings meets: Maschine directive (CE)  
 Safe-Tec A/S Supplies 2 qualities  
 G80 (EN 818-2) G100 (EN 818-2)



### Specifications G80

Part No.:	Max. Load (WLL) T:	Joint diam D Ø(mm)	Int. Height A (mm)	Int. Width B (mm)	Weight / Pcs. (kg)
OVA100					
OVA101	2,12	16	110	60	0,54
OVA102	3,15	18	135	75	0,82
OVA103	5,3	22	160	90	1,5
OVA104	8	26	180	100	2,32
OVA105	11,2	32	200	110	3,95

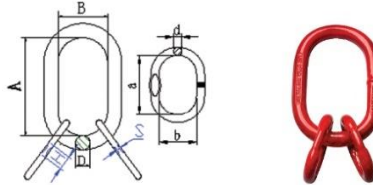
Safety Factor 4:1



### Specifikationer G100

Part No.:	Max. Load (WLL) T:	Joint diam D Ø(mm)	Int. Height A (mm)	Int. Width B (mm)	Weight / Pcs. (kg)
OVA106	2,5	14	120	70	0,4
OVA108	4	17	140	80	0,7
OVA110	7,5	22	160	95	1,5
OVA113	10	25	190	110	2,2
OVA118	17	34	240	140	5,1
OVA120	25	38	250	150	7,2

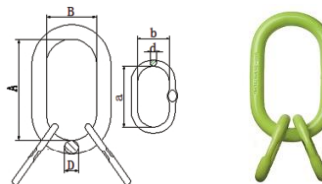
Safety Factor 4:1



### Specifikationer G80

Part No.:	Max. Load (WLL) T:	Joint diam D/d Ø(mm)	Int. Height A/a (mm)	Int. Width B/b (mm)	Weight / Pcs. (kg)
OVAB008	4,25	22/16	160/70	90/34	2,2
OVAB010	6,7	26/18	180/85	100/40	3,4
OVAB013	11,2	32/22	200/115	110/50	6,1
OVAB016	17	36/26	260/140	140/65	6,98
OVAB018	21,2	45/32	340/180	180/100	18,9
OVAB020	26,5	50/32	350/180	190/100	22,6

Safety Factor 4:1



### Specifikationer G100

Part No.:	Max. Load (WLL) T:	Joint diam D/d Ø(mm)	Int. Height A/a (mm)	Int. Width B/b (mm)	Weight / Pcs. (kg)
OVAB106	3	19/13	135/54	75/25	1,3
OVAB108	5,3	23/16,5	160/70	90/34	2,33
OVAB110	8	27/19	180/85	100/40	3,7
OVAB113	14	33/23	200/115	110/50	6,5
OVAB116	21,2	36/27	260/140	140/65	10,1

Safety Factor 4:1

# CONNECTOR JOINT GRADE 80 – 100 – 120

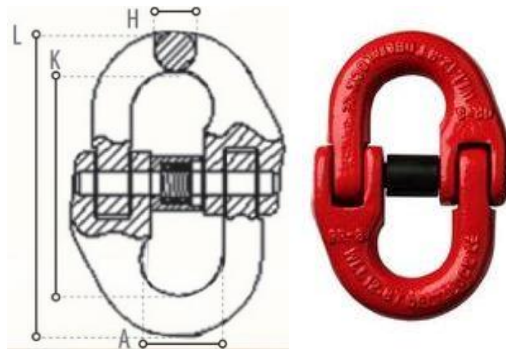
Our Connector Joints meets: Machine Directive (CE)

Safe-Tec A/S Supplies 3 qualities

G80 (EN 818-2)

G100 (EN 818-2)

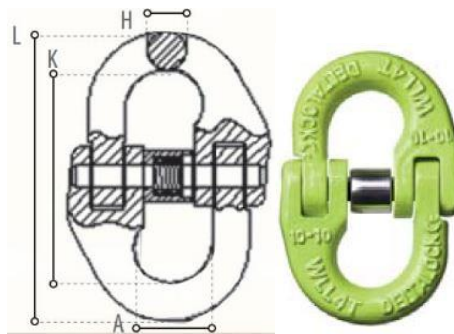
G120 Ice (EN 818 & 1677)



## Specifications G80

Part No.:	Chain Size A Ø (mm)	Max. Load (WLL) T:	Joint Diam H Ø(mm)	Int. Height K (mm)	Int. Width A (mm)	Weight / Pcs. (kg)
LED008	08	2	8,5	60,5	19	0,15
LED032	10	3,15	10,8	68	25	0,30
LED013	13	5,3	15	87	29	0,70
LED080	16	8	19,8	108,4	34,5	1,30

Safety Factor 4:1



## Specifications G100

Part No.:	Chain Size A Ø (mm)	Max. Load (WLL) T:	Joint Diam H Ø(mm)	Int. Height K (mm)	Int. Width A (mm)	Weight / Pcs. (kg)
LED106	06	1,4	7,6	44,5	14	0,1
LED108	08	2,5	10	61,5	18,5	0,22
LED110	10	4,0	12,6	72	23	0,45
LED113	13	6,7	16,8	89	27,5	1,15
LED116	16	10	21	103	33,5	1,75

Safety Factor 4:1



## Specifications G120

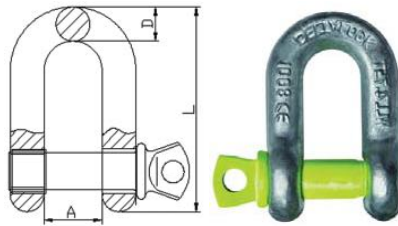
Part No.:	Chain Size A Ø (mm)	Max. Load (WLL) T:	Joint Diam H Ø(mm)	Int. Height K (mm)	Int. Width A (mm)	Weight / Pcs. (kg)
LED106i	06	1,8	11	46	21	0,12
LED108i	08	3,0	14	61	27,5	0,29
LED110i	10	5,0	17	74	32	0,57
LED113i	13	8,0	23	93	40	1,2
LED160i	16	12,5	27	108	46	2,0

Safety Factor 4:1



## SCHACKLES

Our Schackles meets:  
Machine Directive (CE)  
EN 13889

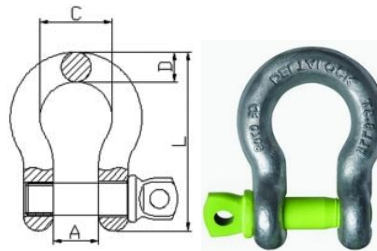


### SCHACKLE TYPE: SH.02

#### Specifications

Part no.:	Max Load (WLL) T:	Schackle diam. D (mm)	Schackle opening A(mm)	Ext. Height L (mm)	Pin diameter (mm)	Weight / pcs. (kg)
SHA215	1,5	11,2	19	67,6	13,4	1,95
SHA220	2	13,5	2,6	77	15,5	0,26
SHA232	3,25	17,5	27	95,5	19,5	5,66
SHA247	4,75	20,6	32	116,6	21,5	1,19
SHA265	6,5	24,6	36,6	135,5	24	1,43
SHA285	8,5	25,4	40,6	150,8	26,5	2,15
SHA288	12	35	51,6	190,5	35,7	4,09
SHA290	17	41,1	60,5	230,1	39	7,23
SHA295	25	53,8	73,2	178,6	48	12,13

Safety Factor 6:1

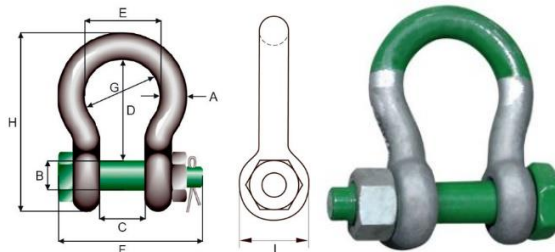


### SCHACKLE TYPE: SH.01

#### Specifications

Part no.:	Max Load (WLL) T:	Schackle diam. D (mm)	Schackle opening A(mm)	Ext. Height L (mm)	Pin diameter (mm)	Weight / pcs. (kg)
SHA015	1,5	11,2	19,1/29,5	78	13,4	0,17
SHA020	2	12,7	20,6/33,3	83,3	15,5	0,33
SHA032	3,25	16	27/42,9	16,5	19,5	0,78
SHA047	4,75	20,6	32/50,8	126,5	21,5	1,07
SHA065	6,5	24,6	36,6/58	148	24	1,64
SHA085	8,5	27	43/68,4	167	26,5	2,28
SHA086	9,5	31,75	46/74	190	29,5	3,36
SHA088	12	35	51,6/82,6	209,6	35,7	4,31
SHA090	17	41,2	60,5/98,6	254	39	7,8
SHA095	25	57,2	73,2/127	313,5	48	12,6

Safety Factor 6:1



### SUPERSCHACKLE WITH BOLT AND NUT

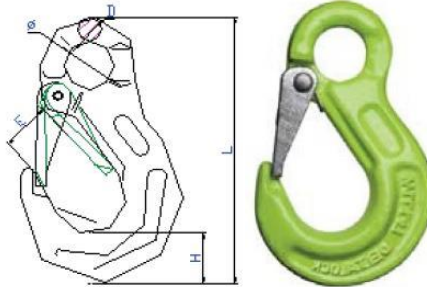
#### Specifications

Part no.:	Max Load (WLL) T:	Schackle diam. D (mm)	Schackle opening A(mm)	Ext. Height L (mm)	Pin diameter (mm)	Weight / pcs. (kg)
SHA470	7	19	31/51	136	22	1,26
SHA486	9,5	22	36/58	157	25	1,88
SHA488	12,5	25	43/68	176	28	2,78
SHA490	18	32	51/83	218	35	5,26
SHA497	30	38	60/99	262	42	8,79

Safety Factor 5:1

## EYE LOADING HOOKS GRADE 80 – 100

Our loading hooks meets machine directive (CE)  
Safe-Tec A/S Supplies in 2 qualities  
G80: EN 818-2 (Not shown)  
G100 EN 818-2

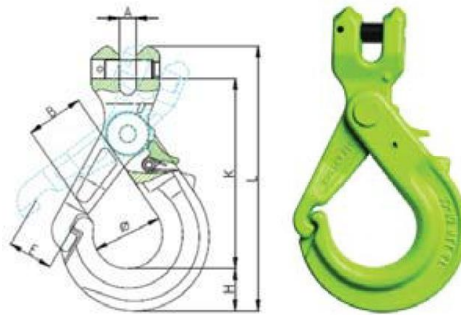


## EYE LOADING HOOKS WITH SAFETY PIN G100

### Specifications G100

Part No.:	Max. Load (WLL) T:	Eye Thickness. D Ø(mm)	Eye diam. ø(mm)	Ext. Height L (mm)	Hook Opening E (mm)	Hook thickness H (mm)	Weight/Pcs (kg)
KROF106	1,4	10,0	20,5	111,0	18,5	21,0	0,32
KROF108	2,5	11,0	25	137,5	25,0	27,5	0,60
KROF110	4,0	16,0	34	171,5	28,0	33,0	1,20
KROF113	6,7	19,0	43	219,0	38,0	43,5	3,50
KROF116	10	24,5	50	260,0	44,0	50	7,15

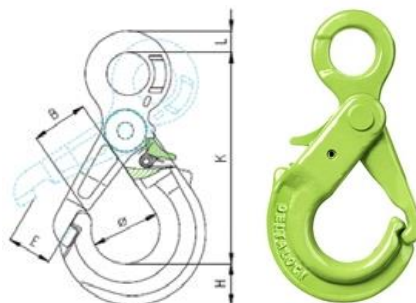
Safety factor 4:1



### Specifications G100

Part No.:	Max. Load (WLL) T:	Distance for chain A (mm)	Ext. Height L (mm)	Hook opening E (mm)	Hook Thickness H(mm)	Weight/Pcs (kg)
KROG106	1,4	7,5	131	28	20	0,5
KROG108	2,5	9,5	165	35	21	0,75
KROG110	4	12,5	204	46	30,5	1,42
KROG113	6,7	15	244	56	39	2,56
KROG116	10	18,5	288	86	45	4,21

Safety factor 4:1



### Specifications G100

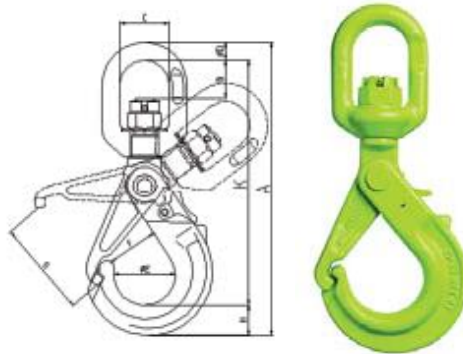
Part No.:	Max. Load (WLL) T:	Eye Thickness L (mm)	Hook Opening B (mm)	Int. Height K (mm)	Hook Thickness H(mm)	Weight/Pcs (kg)
KRORG025	2,5	12	37,5	138	21	0,81
KRORG040	4	15	47,5	169	30,5	1,41
KRORG067	6,7	20	52	205	39	2,61
KRORG100	10	27	67,5	250	45	4,45

Safety factor 4:1



## EYE LOADING HOOKS GRADE 80 OG 100

Our loading hooks meets machine directive (CE)  
Safe-Tec A/S Supplies in 2 qualities  
G80: EN 818-2 (Not shown)  
G100 EN 818-2

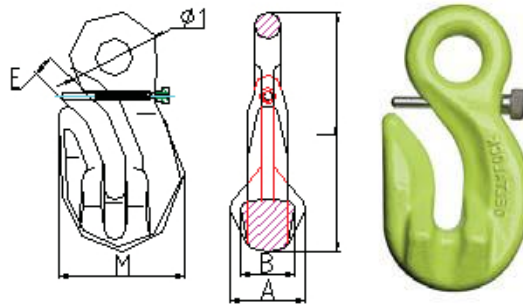


## SAFETY HOOK WITH SWIVEL G 100

Specifications G100

Part No.:	Max. Load (WLL) T:	Eye Thickness. D Ø(mm)	Hook diameter E Ø(mm)	Ext. Height A (mm)	Hook Opening F (mm)	Hook Thickness H (mm)	Weight/Pcs (kg)
KROSG025	2,5	13	45	214	37	22	1,03
KROSG040	4	15,5	55,5	264	47,5	30	1,8
KROSG067	6,7	19	64	334	52,5	39	3,34
KROSG100	10	23	75	400	70	46	5,83

Safety factor 4:1

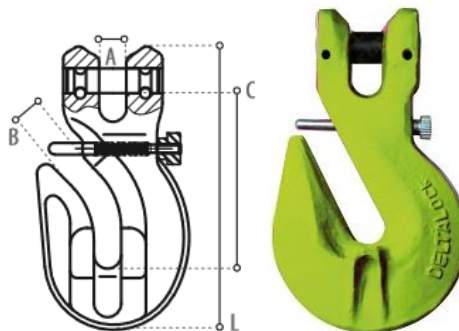


## OPKORTERKROG MED LÅS G 100

Specifications G100

Part No.:	Max. Load (WLL) T:	Chain Size (mm)	Eye Diameter (mm)	Ext. Height L (mm)	Hook Opening E (mm)	Hook Thickness B (mm)	Weight/Pcs (kg)
KROC108	2,5	8	16,5	110,2	10,5	25	0,47
KROC110	4	10	21	136,5	13	32	0,95
KROC113	6,7	13	27,5	180	15,5	40	2,12

Safety factor 4:1



Specifications G100

Part No.:	Max. Load (WLL) T:	Dist. For chain A (mm)	Hook Opening B (mm)	Ext. Height L (mm)	Int height C (mm)	Weight/Pcs (kg)
KROD108	2,5	10,5	10,5	108	66	0,62
KROD110	4	12	13	134	82	1,16
KROD113	6,7	15	15,5	175	107	2,6

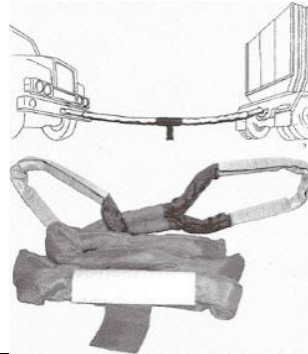
Safety factor 4:1

## TRANSPORT STRAPS AND ROUND SLINGS

Our straps and round slings meet the Machine Directive (CE)

Roundslings meet EN 1492-2

Roundslings available in more lengths and capacities than shown



### Transport straps with protection

#### Specifications

Part No.:	Max Load (WLL) T:	Transport strap Length (M)	MBL (T)	Weight (kg)
BUG064	6	4	21	
BUG065	6	5	21	
BUG084	8	4	28	
BUG085	8	5	28	
BUG104	10	4	35	
BUG105	10	5	35	
BUG124	12	4	42	
BUG125	12	5	42	
BUG164	16	4	56	
BUG165	16	5	56	5

Safety Factor 3,5:1



### Roundslings

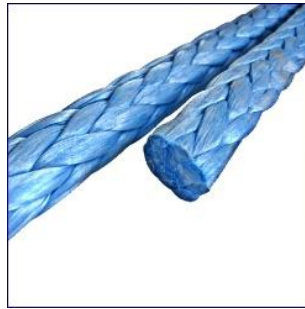
#### Specifications

Part No.:	Colour	Max Load (WLL) T:	Roundsling Exp. (m)	Width (mm)	Weight Kg
RUN011	Purple	1	0,5	45	0,2
RUN012		1	2	45	0,3
RUN013		1	3	45	0,4
RUN014		1	4	45	0,6
RUN016		1	6	45	0,8
RUN018		1	8	45	1,1
RUN032	Yellow	3	2	60	1
RUN034		3	3	60	1,5
RUN035		3	5	60	1,7
RUN0310		3	10	60	3,5
RUN0312		3	12	60	4,5
RUN0502	Red	5	2	60	1
RUN0508		5	8	70	4
RUN0510		5	10	70	5
RUN0804	Blue	8	4	85	3,2
RUN0806		8	5	85	4,3
RUN0808		8	8	85	6,7
RUN0816		8	16	85	13,5
RUN1008	Orange	10	8	110	8
RUN2005		20	5		6
RUN2006		20	6		17
RUN2010		20	10		2
RUN2012		20	12		33
RUN2016		20	16		36

Safety Factor 7:1

## Dyneema Rope

Our Dyneema fiber Rope Meets the machine directive Maskindirektivet (CE)



### Dyneema SK78 – 12 Stringed

#### Specifications

Part No.:	Rope Diameter (mm)	Max Load (WLL) T:	Max Load (PL) T.	MBL (T)	Weight pr 100 m (kg)
TOV050	5	0,42	0,84	3	1,4
TOV060	6	0,57	1,14	4	2,1
TOV070	7	0,87	1,74	6,1	2,7
TOV080	8	1,1	2,2	7,7	3,5
TOV090	9	1,28	2,57	9	4,2
TOV100	10	1,42	2,85	10	4,6
TOV110	11	1,98	3,97	13,9	6,2
TOV120	12	2,54	5,08	17,8	8,5
TOV140	14	3,14	6,28	22	12
TOV160	16	3,72	7,45	26,1	13
TOV180	18	5,14	10,28	36	19
TOV200	20	5,85	11,71	41	21
TOV220	22	7,21	14,42	50,5	26
TOV240	24	7,85	15,71	55	31,5
TOV260	26	9,28	18,57	65	36
TOV280	28	10	20	70	40
TOV300	30	11,14	22,28	78	43
TOV320	32	12,07	24,14	84,5	47
TOV340	34	13,42	26,85	94	53
TOV360	36	15,71	31,42	110	61
TOV380	38	19	38	133	72
TOV400	40	20,71	41,42	145	76,5
TOV420	42	22,14	44,28	155	84,5
TOV440	44	24,28	48,57	170	100
TOV480	48	25,71	51,42	180	120
TOV520	52	31,42	62,85	220	143
TOV560	56	35,71	71,42	250	180
TOV600	60	40	80	280	200
TOV640	64	46,42	92,85	325	230
TOV720	72	57,14	114,28	400	300
TOV800	80	64,28	128,57	450	350
TOV880	88	75	150	525	430
TOV960	96	89,25	178,57	625	500
TOV1040	104	98,57	197,14	690	600
TOV1120	112	112,85	225,71	790	700
TOV1200	120	128,57	257,14	900	800

Safety Factor WLL 7:1, PL 3,5:1



### Protections for Dyneema Rope

#### Specifications

Part No.:	Colour	Material	Rope Size (MM)
BES190	Blue	Polyester	10-12
BES191	Blue	Polyester	12-16
BES192	White	Polyester	16-25





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