

**PRODUCT INFORMATION**

---

**STEEL ROPE****Steel Rope lifting slings**

---

## Steel rope lifting slings

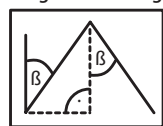
Nominal Rope Diameter	Type of rope					
	Round strand rope Fibre core soft eyes hand-spliced	Round strand rope Fibre core soft eyes Alum Ferrule mech. spliced	Round strand rope IWRC soft eyes Alum Ferrule mech. spliced	Cable lay rope Fibre core laid endless Grommet	Cable lay rope IWRC laid endless Grommet	Cable lay rope IWRC soft eyes hand-spliced
	Working Load Limit (WLL) Straight lift					
	Single leg	Single leg	Single leg	Double leg	Double leg	Single leg
mm	t	t	t	t	t	t
8	0,60	0,70	0,75			
10	0,95	1,00	1,15			
12	1,38	1,50	1,70	2,20	2,30	0,85
14	1,88	2,00	2,25			
16	2,40	2,70	3,00			
18	3,11	3,15	3,70	4,70	5,10	1,90
20	3,85	4,00	4,60			
22	4,60	5,00	5,65			
24	5,50	6,30	6,70	8,25	9,00	3,75
26	6,50	7,00	7,80			
27				10,5	11,5	4,75
28	7,50	8,00	9,00			
30				11,5	14	5,5
32	9,80	11	11,8			
33				14	17	7,50
36	12,4	14	15	16,5	20	9,00
39				19,5	23,5	10,5
40	15,4	17	18,5			
42				22,5	27	12,5
44	18,7	21	22,5			
48	22,2	25	26	30	35,5	16
52	26,0	29	31,5			
54				37,5	45	20,5
56	30,1	33,5	36			
60	34,7	39	42	46	55,5	25

### Rules and standards...

Even if not explicitly indicated: Compliance with standards (ISO, EN, DIN) and statutory provisions. Product specifications continually updated to meet requirements.

1t = 1000kg (t = metric ton).

Length of a lifting sling is the usable length when ready for service. It is measured between the bearing points of sling ends/terminations.



The tilt angle  $\beta$  is the largest angle between legs and vertical line. To determine working load limit of sling operation: Multiply applicable mode factor (see table <Lift methods> below) with the WLL value (single leg direct) from the above table. Adapt the mode factors as appropriate for asymmetrical loads.

#### Lift Methods

Single Leg		Double Leg				Three- and Fourleg		Endless	
straight	choke	straight	choke	straight	choke	straight	straight	double straight	choke
		$\beta = 0-45^\circ$	$\beta = 0-45^\circ$	$\beta = 45-60^\circ$	$\beta = 45-60^\circ$	$\beta = 0-45^\circ$	$\beta = 45-60^\circ$		

#### Mode Factors:

1	0,8	1,4	1,12	1	0,8	2,1	1,5	4	1,6
---	-----	-----	------	---	-----	-----	-----	---	-----