

Lifting Equipment Sling Chains

Estil Lifting Sling Chains

Available in steel Grade 100 and Grade 80. Also available in Grade 50 Stainless Steel.

High performance lifting sling chains according to DIN EN 1677 and EN 818-1, -2 and -4.

Grade 100 has a 25% higher safe working load than Grade 80. Weight saving of about 30% is therefore more manageable. Great strength, high wear resistance, long service life and easy to maintain. Simple to recognise by an ID-tag connected to the sling chain. For use between -40°C and +200°C. When order specify length of chain, diameter of chain, type of hook, single leg, 2-leg, 3-leg or 4-leg type. Each sling chain combination comes with a test certificate. User information can be found on ID-Tag connected to the sling.







Working Load Limit table for Grade 80 Chain Slings to EN 818-4

Chain Ø							
1 leg sling		2 leg sling		3 or 4 leg sling		Endless Sling	
		0°<β ≤ 45°	45°<β ≤ 60°	0°<β ≤ 45°	45°<β ≤ 60°		
		Safety factor 1.4	Safety factor 1.0	Safety factor 2.1	Safety factor 1.5	Safety factor 1.6	
mm	inch	t	t	t	t	t	t
6	7/32	1.12	1.60	1.12	2.36	1.70	1.80
7	9/32	1.50	2.12	1.50	3.15	2.24	2.50
8	5/16	2.00	2.80	2.00	4.25	3.00	3.15
10	3/8	3.15	4.25	3.15	6.70	4.75	5.00
13	1/2	5.30	7.50	5.30	11.20	8.00	8.50
16	5/8	8.00	11.20	8.00	17.00	11.80	12.50
20	3/4	12.50	17.00	12.50	26.50	19.00	20.00
22	7/8	15.00	21.20	15.00	31.50	22.40	23.60
26	1	21.20	30.00	21.20	45.00	31.50	33.50
32	1 1/4	31.50	45.00	31.50	67.00	47.50	50.00



Working Load Limit table for Grade 100 Chain Slings to EN 818-4

Chain Ø							
mm	inch	1 leg sling	2 leg sling		3 or 4 leg sling		Endless Sling
			0°<β ≤ 45°	45°<β ≤ 60°	0°<β ≤ 45°	45°<β ≤ 60°	Safety factor
			Safety factor 1.4	Safety factor 1.0	Safety factor 2.1	Safety factor 1.5	Safety factor 1.6
		t	t	t	t	t	t
6	7/32	1.40	1.95	1.40	2.95	2.10	2.24
8	5/16	2.60	3.69	2.60	5.50	3.90	4.16
10	3/8	4.00	5.65	4.00	8.50	6.00	6.40
13	1/2	6.80	9.60	6.80	14.20	10.20	10.88
16	5/8	10.30	14.50	10.30	21.80	15.45	16.48
20	3/4	16.00	22.40	16.00	33.60	24.00	25.60
22	7/8	19.00	26.50	19.00	40.00	28.00	30.40



Several different hook and connector possibilities can be chosen.
Contact our product specialists for more info.

How is a lifting sling chain build up.
Here above examples of a Grade 100
(colour blue)

How is a lifting sling chain build up.
Below examples of a Grade 80
(Colour white with black chain)

