



Round Sling And Webbing Sling Guide

EN 1492 colour code, working load limits by lifting method and item codes

Company Hangzhou Carl Stahl Import & Export Co., Ltd.	Address 9F-B, Yugu Rd., Xihu District, Hangzhou, China 310007
Email dolly@carlstahl.cn	Tel / WhatsApp +86-571-89936190 / +86 13675832042

Working Load Limits By Lifting Method

The working load limit marked on a sling label applies to a straight lift. For any other hitch, multiply the marked working load limit by the mode factor for that hitch and for the angle of inclination. The table below gives the resulting capacity in kilograms for every colour coded size.

Working load limits in kg by lifting method, according to EN 1492

WLL	Colour	Straight 1.0	Choke 0.8	Basket to 7° 2.0	Basket 7–45° 1.4	Basket 45–60° 1.0	2 slings straight to 45° 1.4	2 slings choke to 45° 1.12	2 slings straight 45–60° 1.0	2 slings choke 45–60° 0.8
1000 kg	Violet	1000	800	2000	1400	1000	1400	1120	1000	800
2000 kg	Green	2000	1600	4000	2800	2000	2800	2240	2000	1600
3000 kg	Yellow	3000	2400	6000	4200	3000	4200	3360	3000	2400
4000 kg	Grey	4000	3200	8000	5600	4000	5600	4480	4000	3200
5000 kg	Red	5000	4000	10000	7000	5000	7000	5600	5000	4000
6000 kg	Brown	6000	4800	12000	8400	6000	8400	6720	6000	4800
8000 kg	Blue	8000	6400	16000	11200	8000	11200	8960	8000	6400
10000 kg	Orange	10000	8000	20000	14000	10000	14000	11200	10000	8000

Round Slings To EN 1492-2

Colour code, width and eye length by working load limit

WLL	Colour	Width mm	Eye length mm	Item code 1 m	Item code 3 m	Item code 6 m
1000 kg	Violet	25 / 30 / 50	200	JLR-1001	JLR-1003	JLR-1006
2000 kg	Green	50 / 60	250	JLR-2001	JLR-2003	JLR-2006
3000 kg	Yellow	75 / 90	300	JLR-3001	JLR-3003	JLR-3006
4000 kg	Grey	100 / 120	375	—	JLR-4003	JLR-4006
5000 kg	Red	125 / 150	500	—	JLR-5003	JLR-5006
6000 kg	Brown	150 / 180	600	—	JLR-6003	JLR-6006
8000 kg	Blue	200 / 240	700	—	JLR-8003	JLR-8006
10000 kg	Orange	250 / 300	—	—	JLR-0003	JLR-0006

Flat Webbing Slings To EN 1492-1

Colour code, width and eye length by working load limit

WLL	Colour	Width mm	Eye length mm	Item code 1 m	Item code 3 m	Item code 6 m
1000 kg	Violet	25 / 30 / 50	200	JLE-1001	JLE-1003	JLE-1006
2000 kg	Green	50 / 60	250	JLE-2001	JLE-2003	JLE-2006
3000 kg	Yellow	75 / 90	300	JLE-3001	JLE-3003	JLE-3006
4000 kg	Grey	100 / 120	375	—	JLE-4003	JLE-4006
5000 kg	Red	125 / 150	500	—	JLE-5003	JLE-5006
6000 kg	Brown	150 / 180	600	—	JLE-6003	JLE-6006
8000 kg	Blue	200 / 240	700	—	JLE-8003	JLE-8006
10000 kg	Orange	250 / 300	—	—	JLF-0003	JLF-0006

Colour Code

Working load limit	Colour
1000 kg	Violet
2000 kg	Green
3000 kg	Yellow
4000 kg	Grey
5000 kg	Red
6000 kg	Brown
8000 kg	Blue
10000 kg	Orange

Safe Use

- Read the label and confirm the working load limit before every lift, and confirm it against the colour code.
- Apply the mode factor for the hitch and the angle of inclination before selecting the sling.
- Never lift over a sharp edge without a protective sleeve or edge protector.
- Withdraw any sling with a cut, a chemical burn, a damaged eye or an unreadable label.
- Keep personnel clear of the load and out of the line of the sling while the slack is taken up.
- Store the sling clean, dry and out of direct sunlight when it is not in use.

Grade 80 Chain For Chain Slings To EN 818-2

Grade 80 chain for chain slings to EN 818-2

Chain size d mm	Pitch t mm	WLL t	Minimum breaking load kN	Weight kg/m
5	15	1.12	45.2	0.54
6	18	1.50	61.6	0.77
8	24	2.00	80.4	1.36
10	30	3.15	126	2.13
13	39	5.30	212	3.55
16	48	8.00	322	5.45

Grade 80 Load Chain For Hoists To EN 818-7

Grade 80 load chain for hand chain hoists to EN 818-7

Chain size d mm	Pitch t mm	WLL t	Minimum breaking load kN	Weight kg/m
5	15	1.0	31.6	0.54
6	18	1.1	45.2	0.79
8	24	2.0	80.4	1.4
10	30	3.2	126	2.18