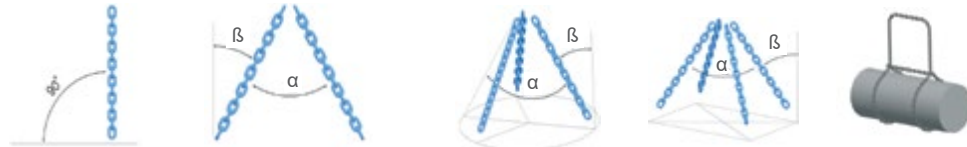


**Working load limits - Europe**

**WLL tonnes Grade 10 GrabiQ**

Based on EN 818-4:2008 WLL+25%



Sling type	1-leg	2-leg		3- and 4-leg		Choke Hitch
Condition of use	Straight	$\beta$ 0-45° $\alpha$ 0-90°	$\beta$ 45-60° $\alpha$ 90-120°	$\beta$ 0-45° $\alpha$ 0-90°	$\beta$ 45-60° $\alpha$ 90-120°	Endless sling in choke hitch
Load factor	1	1.4	1	2.1	1.5	1.6
Chain size						
6	1.4	2	1.4	3	2.12	2.24
7	1.9	2.65	1.9	4	2.8	3
8	2.5	3.55	2.5	5.3	3.75	4
10	4	5.6	4	8	6	6.3
13	6.7	9.5	6.7	14	10	10.6
16	10	14	10	21.2	15	16
18	12.5	18	12.5	26.5	19	20
19	14	20	14	30	21.2	22.4
20	16	22.4	16	33.5	23.6	25
22	19	26.5	19	40	28	30
23	21.2	28	21.2	42.5	31.5	33.5
26	26.2	37.5	26.5	56	40	42.5
28	31.5	42.5	31.5	63	45	50
32	40	56	40	85	60	63

Safety factor 4:1. Working load limits are based upon equally loaded and disposed sling legs.

**WLL tonnes Grade 8 Classic**

EN 818-4:2008



Sling type	1-leg	2-leg		3- and 4-leg		Choke Hitch
Condition of use	Straight	$\beta$ 0-45° $\alpha$ 0-90°	$\beta$ 45-60° $\alpha$ 90-120°	$\beta$ 0-45° $\alpha$ 0-90°	$\beta$ 45-60° $\alpha$ 90-120°	Endless sling in choke hitch
Load factor	1	1.4	1	2.1	1.5	1.6
Chain size						
6	1.12	1.6	1.12	2.36	1.7	1.8
7	1.5	2.12	1.5	3.15	2.24	2.5
8	2	2.8	2	4.25	3	3.15
10	3.15	4.25	3.15	6.7	4.75	5
13	5.3	7.5	5.3	11.2	8	8.5
16	8	11.2	8	17	11.8	12.5
18	10	14	10	21.2	15	16
19	11.2	16	11.2	23.6	17	18
20	12.5	17	12.5	26.5	19	20
22	15	21.2	15	31.5	22.4	23.6
23	16	23.6	16	35.5	25	26.5
26	21.2	30.0	21.2	45	31.5	33.5
28	25	33.5	25	50	37.5	40
32	31.5	45.0	31.5	67	47.5	50

Safety factor 4:1. Working load limits are based upon equally loaded and disposed sling legs.

**Rules for correct WLL**

Where choke hitch is employed, the WLL of the chain sling should be reduced by 20 % (unless the LK choker hook is used).

**Asymmetrical loading conditions**

For unequally loaded chain slings, the following is recommended:

- A two-legged system is treated as a single-legged system.
- A three- or four-legged system is treated as a two-legged system.