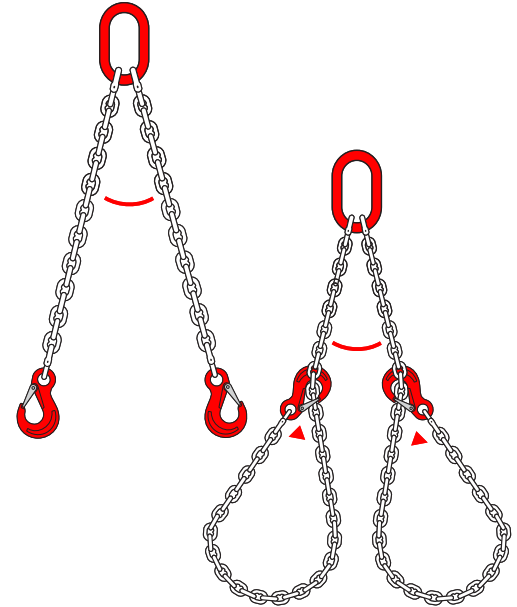
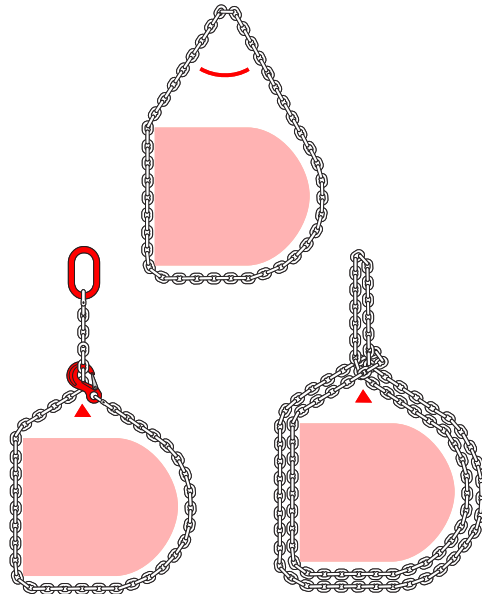
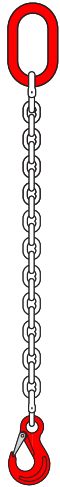


WORKING LOAD LIMITS (WLL) IN METRIC TONS



Chain Size mm	Single Straight Sling	Single Choke Hitch	Single Endless Basket Sling	Reeved Endless Sling	Double Branch Straight Sling			Double Branch Choke Hitch Sling @ 90°
					60°	90°	120°	
6,0	1,20	0,96	1,60	1,92	2,04	1,68	1,20	1,32
7,0	1,60	1,28	2,13	2,56	2,72	2,24	1,60	1,76
8,0	2,00	1,60	2,60	3,20	3,40	2,80	2,00	2,20
10,0	3,20	2,56	4,27	5,12	5,44	4,48	3,20	3,52
13,0	5,40	4,32	7,20	8,64	9,18	7,56	5,40	5,94
16,0	8,20	6,56	10,93	12,12	13,94	11,48	8,20	9,00
20,0	12,80	10,24	17,06	20,48	21,76	17,92	12,80	14,08
22,0	15,50	12,40	20,66	24,80	26,35	21,70	15,50	17,05
25,5	21,70	17,36	28,93	34,72	36,89	30,38	21,70	23,87
32,0	32,80	26,24	43,72	52,48	55,76	45,92	32,80	36,08
Load Factor	1,0	0,8	1,3	1,6	1,7	1,4	1,0	1,1

■ Symbol WLL applies to both rectangular and circular loads.

▲ Symbol indicates nip angle - which must not exceed 120°

N.B. When a Grab Hook is used as the end fitting, the Working Load Limit will be the same as for Choke Hitch

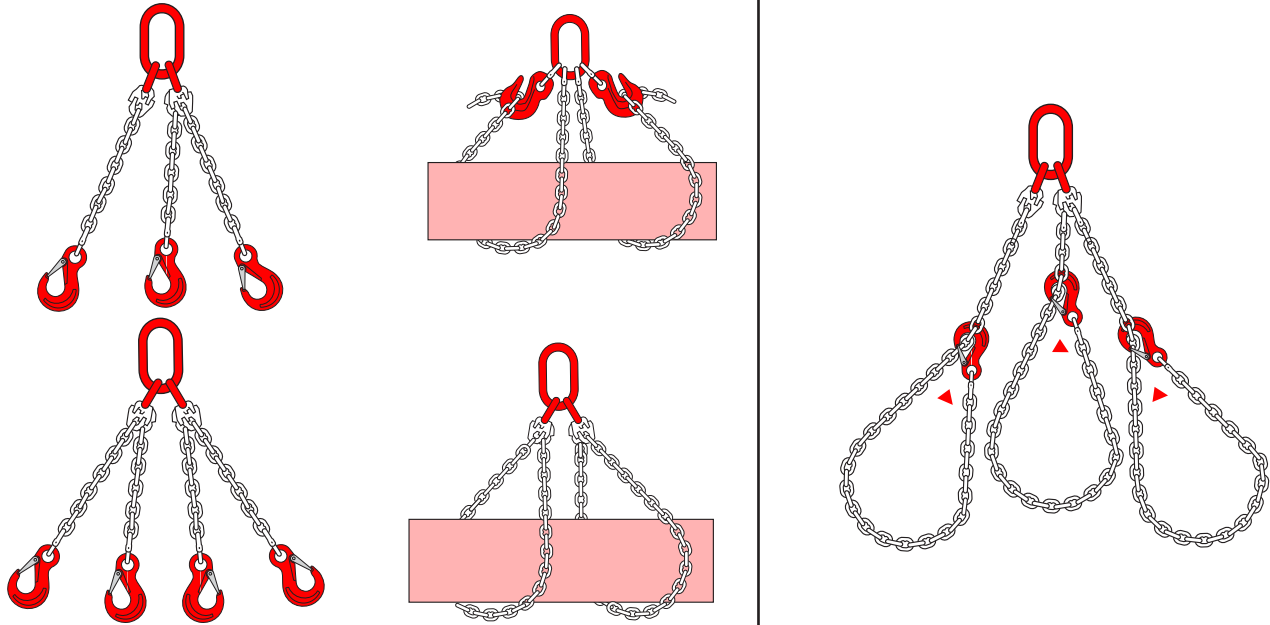
These maximum Working Load Limits apply to chain and chain slings used under ideal service conditions.

Where service conditions are less than ideal, the WLL may not apply in which case it will be necessary to select a larger size chain to suit the assessed WORKING CONDITIONS.

Max-alloy Gr.8 Performance

MAX-ALLOY Gr8 Chain is designed and manufactured primarily for Chain Slings for lifting and load handling purposes and it is recommended that only MAX-ALLOY Gr8 Slings be used in those cases where the protection of personnel and equipment is of paramount importance. In deciding on the size of Chain Sling required, very careful

consideration must be given to the angle of inclination between the Chains at the point of suspension and particularly in the case of choke hitches (▲). As this angle increases, there is a decrease in the Working load Limit of the Chain Sling as shown in the tabulations on these pages. Use the widest included angle between any 2 legs to establish the applicable WLL.



Chain Size mm	Triple & Quad Branch Straight & Basket Slings			Triple & Quad Branch Straight & Basket Slings
	60°	90°	120°	90°
6,0	3,12	2,52	1,80	2,00
7,0	4,18	3,36	2,40	2,70
8,0	5,20	4,20	3,00	3,40
10,0	8,32	6,72	4,80	5,43
13,0	14,04	11,34	8,10	9,16
16,0	21,32	17,22	12,30	13,90
20,0	33,28	26,88	19,20	21,72
22,0	40,30	32,55	23,25	26,30
25,5	50,42	45,57	32,55	36,82
32,0	85,28	68,88	49,20	55,66
Load Factor	2,6	2,1	1,5	1,7

Effects of hazardous conditions

Extreme heat conditions

The strength of all chain slings is adversely affected by heat and care must be exercised when using chain slings at elevated temperatures. Where the temperatures are likely to be higher than 200°C it will be necessary to derate the usual WLL.

Heat treatment

MAX-ALLOY Gr8 chains and fittings do not require periodic heat treatment and must never be reheat-treated other than by McKinnon Chain.

Surface coating

MAX-ALLOY Gr8 slings should not be galvanised or subjected to other plating processes without the express approval of the manufacturer. Please contact Elephant Lifting Equipment for detailed recommendations

Corrosive conditions

Chain and attachments should not be used in an acid or other corrosive environments. If a sling is inadvertently exposed to acid or alkali, even for a short period, it must be withdrawn from service and referred to Elephant Lifting Equipment.