

Chain Slings

Working Load Limits In Tonnes



Grade 80 (T)

Single Leg Slings				2, 3, or 4 Leg Slings			Basket Slings		
Loading Factors	1	0.75	0.75	1.73	1.41	1	1.3	1.3	2.25
Chain Size (mm)	Straight Sling	*Adjustable Sling	Reeved Sling	60°	Straight Sling 90°	120°	Reeved Sling Max 60°	1 Leg Max 60°	2 Leg Max 60°
6	1.1	1.1	0.8	1.9	1.6	1.1	1.4	1.4	2.5
7	1.5	1.5	1.1	2.6	2.1	1.5	2.0	2.0	3.4
8	2.0	2.0	1.5	3.5	2.8	2.0	2.6	2.6	4.5
10	3.2	3.2	2.4	5.5	4.5	3.2	4.2	4.2	7.2
13	5.3	5.3	4.0	9.2	7.5	5.3	6.9	6.9	11.9
16	8.0	8.0	6.0	13.8	11.3	8.0	10.4	10.4	18.0
20	12.5	12.5	9.4	21.6	17.6	12.5	16.3	16.3	28.1
22	15.0	15.0	11.3	26.0	21.2	15.0	19.5	19.5	33.8
26	21.2	21.2	15.9	36.7	29.9	21.2	27.6	27.6	47.7
32	31.5	31.5	23.6	54.5	44.4	31.5	41.0	41.0	70.9

Grade 100 (V)

Single Leg Slings				2, 3, or 4 Leg Slings			Basket Slings		
Loading Factors	1	0.75	0.75	1.73	1.41	1	1.3	1.3	2.25
Chain Size (mm)	Straight Sling	*Adjustable Sling	Reeved Sling	60°	Straight Sling 90°	120°	Reeved Sling Max 60°	1 Leg Max 60°	2 Leg Max 60°
6	1.4	1.4	1.1	2.4	2.0	1.4	1.8	1.8	3.2
7	1.9	1.9	1.4	3.3	2.7	1.9	2.5	2.5	4.3
8	2.5	2.5	1.9	4.3	3.5	2.5	3.3	3.3	5.6
10	4.0	4.0	3.0	6.9	5.6	4.0	5.2	5.2	9.0
13	6.7	6.7	5.0	11.6	9.4	6.7	8.7	8.7	15.1
16	10.0	10.0	7.5	17.3	14.1	10.0	13.0	13.0	22.5
20	16.0	16.0	12.0	27.7	22.6	16.0	20.8	20.8	36.0
22	19.0	19.0	14.3	32.9	26.8	19.0	24.7	24.7	42.8
26	26.5	26.5	19.9	45.8	37.4	26.5	34.5	34.5	59.6
32	40.0	40.0	30.0	69.2	56.4	40.0	52.0	52.0	90.0

*If you use a grab hook without a cradle or side supports, the working load limit (WLL) for straight slings is reduced to the same as for reeved slings.

The values shown in this table meet or exceed the minimum safety standards in AS3775.2 and are listed in tonnes.

The maximum WLL values given are for general-purpose lifting using crane mechanisms that fall under the M3 group classification in AS1418.1.

Always contact your local Certex branch if you're lifting in special conditions or need more specific guidance.

Never go over the stated WLL, even if the lifting angle is less than 60 degrees or if the load is flexible.

For anything outside general-purpose use, the WLL will be adjusted (derated) to match the crane classification rules in AS1418.1.

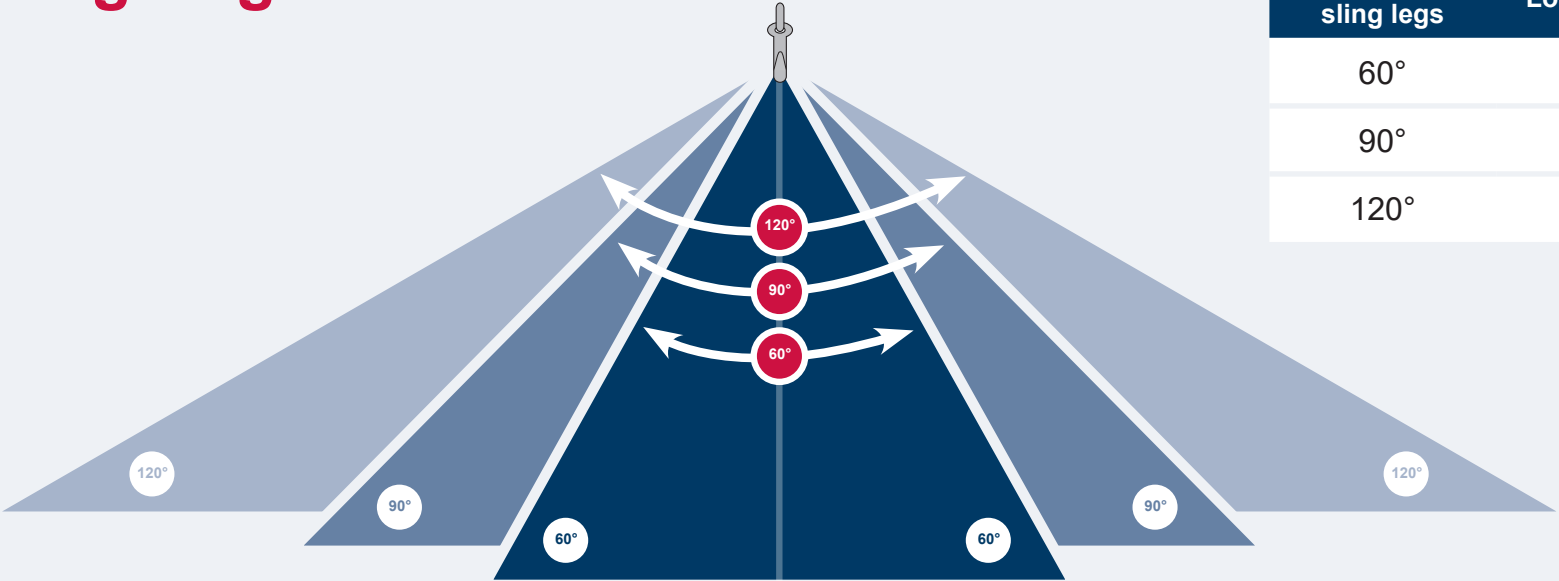
For basket-style slings or specially designed lifts, refer to AS3775 parts 1 or 2 for proper guidance.

If you're lifting under non-general-purpose conditions or are unsure, contact your local CERTEX branch for guidance.

- Indicates that WLL applies to both 'rectangular' and 'circular' load.
- Indicates nip angle, which must not exceed 120 degrees.
- indicates the sling angle is equal to twice the greatest angle of inclination of a leg to the vertical.

Scan the QR for Care & Use Guide

Sling Angles



Angle between sling legs	Load Factor
60°	1.73
90°	1.41
120°	1.00

CERTEX

Lifting Products and Services

Call us on **1800 CERTEX**
or visit **certexlifting.com.au**

Adelaide • Bibra Lake • Coffs Harbour • Geelong • Kalgoorlie
Melbourne North • Melbourne West • Newcastle • Perth • Port Hedland

Lifting Solutions Group
Axel Johnson International