



# Grade 8 Chain Sling Working Load Chart



Safety factor	1 leg	2 legs		3 or 4 legs		Choker endless sling	Basket sling				
<b>4</b>											
Working angles	—	$0^\circ < \beta \leq 45^\circ$	$45^\circ < \beta \leq 60^\circ$	$0^\circ < \beta < 45^\circ$	$45^\circ < \beta \leq 60^\circ$	—	$0^\circ < \beta \leq 45^\circ$	$0^\circ < \beta \leq 45^\circ$	$0^\circ < \beta \leq 45^\circ$	$0^\circ < \beta \leq 45^\circ$	$0^\circ < \beta \leq 45^\circ$
Load factor	1	1.4	1	2.1	1.5	1.6	1.4	2.1	1	1.4	1.4

## Working Load Limit in Tonnes

d mm

7	1.50	2.12	1.50	3.15	2.24	2.50	2.12	3.15	1.50	2.12
8	2.00	2.80	2.00	4.25	3.00	3.15	2.80	4.25	2.00	2.80
10	3.15	4.25	3.15	6.70	4.75	5.00	4.25	6.70	3.15	4.25
13	5.30	7.50	5.30	11.20	8.00	8.50	7.50	11.20	5.30	7.50
16	8.00	11.20	8.00	17.00	11.80	12.50	11.20	17.00	8.00	11.20
20	12.50	17.00	12.50	26.50	19.00	20.00	17.00	26.50	12.50	17.00
22	15.00	21.20	15.00	31.50	22.40	23.60	21.20	31.50	15.00	21.20
26	21.20	30.00	21.20	45.00	31.50	33.50	30.00	45.00	21.20	30.00
32	31.50	45.00	31.50	67.00	47.50	50.00	45.00	67.00	31.50	45.00

## ADVICE FOR USE

### DO'S...

- Do check the condition of the slings before each load
- Do check the chain legs are not twisted
- Do check that the load is on the centre of the hook and not on the tip

### DON'T'S...

- Don't use the sling over the maximum working load limit
- Don't load with the convergence angle over 120 deg CE
- Don't shock load
- Don't use Grade 8 chains in pickling or acid baths
- Don't submit the chains to heat treatment
- Don't utilise the chains and accessories outside the temperature range -40 deg to +200 deg C

For all your supply, repairs, inspections and testing, please call our sales team on the number below or email

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