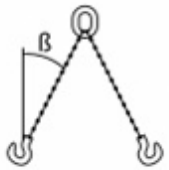
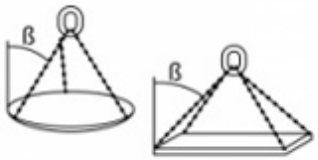
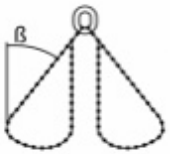
Cobra Grade 80 Chain Sling Safe Use

Safety factor	1 Leg	2 Legs		3 or 4 Legs		Choker Endless
4						
Working Angles	0°	0° < 45°	45° < 60°	0° < 45°	45° < 60°	-
Load Factor	1	1.4	1	2.1	1.5	1.6
Dia (mm)	**Working Load Limit (t)**					
7	1.50	2.12	1.50	3.15	2.24	2.50
8	2.00	2.80	2.00	4.25	3.00	3.15
10	3.15	4.25	3.15	6.70	4.75	5.00
13	5.30	7.50	5.30	11.20	8.00	8.50
16	8.00	11.20	8.00	17.00	11.80	12.50
20	12.50	17.00	12.50	26.50	19.00	20.00
22	15.00	21.20	15.00	31.50	22.40	23.60
26	21.20	30.00	21.20	45.00	31.50	33.50
32	31.50	45.00	31.50	67.00	47.50	50.00

Safety factor	Basket	
4		
Working Angles	0° < 45°	0° < 45°
Load Factor	1.4	2.1
Dia (mm)	**Working Load Limit (t)**	
7	2.12	3.15
8	2.80	4.25
10	4.25	6.70
13	7.50	11.20
16	11.20	17.00
20	17.00	26.50
22	21.20	31.50
26	30.00	45.00
32	45.00	67.00

Reduction of working load limit according to temperature

Applies to chain and accessories

Temperature	Reduction
< - 40°C	Not permitted
-40°C - 200°C	No reduction
200°C - 300°C	10%
300°C - 400°C	25%
> 400°C	Not permitted

ROPE SERVICES DIRECT LIMITED

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