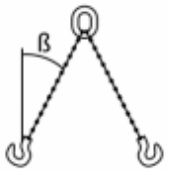
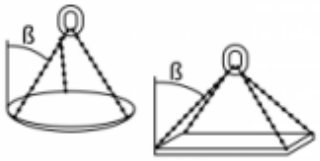
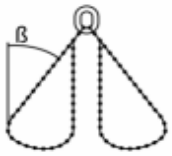
Grade 8 Chain Sling Chart

User Information

- The loadings used for Grade 8 alloy chain slings are determined on the basis hat the item is used in a symmetrical format in a multi leg sling.
- Grade 8 alloy chain slings should not be used in hazardous conditions which would include offshore applications, the lifting of people or dangerous loads such as liquid metals, nuclear, corrosive or caustic substances and materials.
- If an asymmetrical lift is required of a Grade 8 alloy chain sling, it should be referred back to the suppliers to establish a safe lift procedure.
- If a Grade 8 alloy chain sling is being used against sharp edges or corners, the W.L.L. will be affected and should be referred to the supplier to establish a safe lift load limit.

Safety factor	1 Leg	2 Legs		3 or 4 Legs		Choker Endless
4						
Working Angles	90°	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