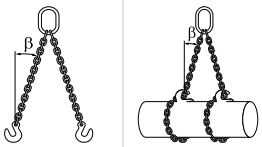
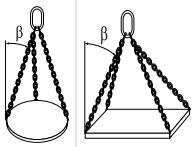
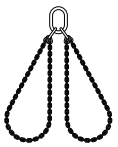
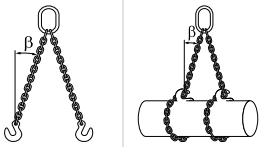
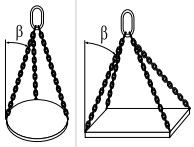
GRADE 80 CHAIN SLINGS

If the chains are used in more demanding conditions (e.g. high temperature, asymmetric load distribution edge loads, impacts) the maximum load capacities in the table must be reduced.

Safety Factor		1 Leg Chains		2 Leg Chains				3 and 4 Leg Chains		4 Leg Chains with Load Distributor		Endless Chain Sling	Single Lifting Sling		Double Lifting Sling	
4																
Angle of Inclination		-	-	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0° -45°	45° - 60°	0° - 45°	45° - 60°	-	0° - 45°	45° - 60°	0° - 45°	45° - 60°
Load Factor		1	0,8	1,4	1	1,12	0,8	2,1	1,5	2,8	2	1,6	1,4	1	2,1	1,5
Quality Class	Dia. (mm)	Load Capacity (kg)														
Grade 80	5,00	800	640	1.120	800	900	640	1.600	1.860	2.240	1.600	1.250	1.120	800	1.600	1.180
	6,00	1.120	900	1.600	1.120	1.250	900	2.360	1.700	3.150	2.240	1.800	1.600	1.120	2.360	1.700
	7,00	1.500	1.200	2.120	1.500	1.700	1.200	3.150	2.240	4.000	3.000	2.500	2.120	1.500	3.150	2.240
	8,00	2.000	1.600	2.800	2.000	2.240	1.600	4.250	3.000	5.600	4.000	3.150	2.800	2.000	4.250	3.000
	10,0	3.150	2.500	4.250	3.150	3.550	2.500	6.700	4.750	8.500	6.300	5.000	4.250	3.150	6.700	4.750
	13,0	5.300	4.250	7.500	5.300	5.900	4.250	11.200	8.000	14.000	10.600	8.500	7.500	5.300	11.200	8.000
	16,0	8.000	6.300	11.200	8.000	9.000	6.300	17.000	11.800	22.400	16.000	12.500	11.200	8.000	17.000	11.800
	19,0	11.200	8.950	16.000	11.200	12.500	8.950	23.600	17.000	-	-	18.000	16.000	11.200	23.600	17.000
	22,0	15.000	12.000	21.200	15.000	17.000	12.000	31.500	22.400	-	-	23.600	21.200	15.000	31.500	22.400
	26,0	21.200	16.950	30.000	21.200	23.700	16.950	45.000	31.500	-	-	33.500	30.000	21.200	45.000	31.500
	32,0	31.500	25.200	45.000	31.500	35.200	25.200	67.000	47.500	-	-	50.000	45.000	31.500	67.000	47.500

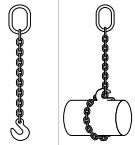
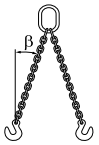
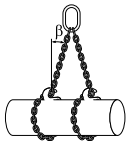
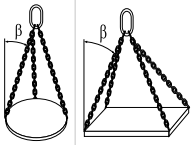
GRADE 100 CHAIN SLINGS

If the chains are used in more demanding conditions (e.g. high temperature, asymmetric load distribution edge loads, impacts) the maximum load capacities in the table must be reduced.

Safety Factor		1 Leg Chains		2 Leg Chains				3 and 4 Leg Chains		4 Leg Chains with Load Distributor		Endless Chain Sling	Single Lifting Sling		Double Lifting Sling	
4																
Angle of Inclination		-	-	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0° -45°	45° - 60°	0° - 45°	45° - 60°	-	0° - 45°	45° - 60°	0° - 45°	45° - 60°
Load Factor		1	0,8	1,4	1	1,12	0,8	2,1	1,5	2,8	2	1,6	1,4	1	2,1	1,5
Quality Class	Dia. (mm)	Load Capacity (kg)														
Grade 100	5	1.000	800	1.400	1.000	1.120	800	2.000	1.500	2.800	2.000	1.600	1.400	1.000	2.000	1.500
	6	1.400	1.120	2.000	1.400	1.600	1.120	3.000	2.120	4.000	2.800	2.240	2.000	1.400	3.000	2.120
	7	1.900	1.500	2.650	1.900	2.120	1.500	4.000	2.800	5.300	3.750	3.000	2.650	1.900	4.000	2.800
	8	2.500	2.000	3.550	2.500	2.800	2.00	5.300	3.750	7.100	5.000	4.000	3.550	2.500	5.300	3.750
	10	4.000	3.150	5.600	4.000	4.250	3.150	8.000	6.000	11.200	8.000	6.300	5.600	4.000	8.000	6.000
	13	6.700	5.300	9.500	6.700	7.500	5.300	14.000	10.000	19.000	13.200	10.600	9.500	6.700	14.000	10.000
	16	10.000	8.000	14.000	10.000	11.200	8.000	21.200	15.000	28.000	20.000	16.000	14.000	10.000	21.200	15.000
	19	14.000	11.200	20.000	14.000	16.000	11.200	30.000	21.200	-	-	22.400	20.000	14.000	30.000	21.200
	22	19.000	15.000	26.500	19.000	21.200	15.000	40.000	28.000	-	-	30.000	26.500	19.000	40.000	28.000
	26	26.500	21.200	37.500	26.500	30.000	21.200	56.000	40.000	-	-	42.500	37.500	26.500	56.000	40.000
	32	40.000	31.500	56.000	40.000	45.000	31.500	85.000	60.000	-	-	63.000	56.000	40.000	85.000	60.000

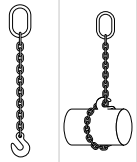
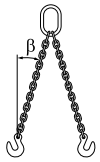
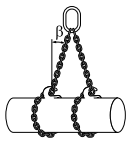
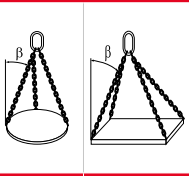
GRADE 120 CHAIN SLINGS

If the chains are used in more demanding conditions (e.g. high temperature, asymmetric load distribution edge loads, impacts) the maximum load capacities in the table must be reduced.

Safety Factor		1 Leg Chains		2 Leg Chains				3 and 4 Leg Chains		4 Leg Chains with Load Distributor		Endless Chain Sling	Single Lifting Sling		Double Lifting Sling	
4																
Angle of Inclination		-	-	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0° -45°	45° - 60°	0° - 45°	45° - 60°	-	0° - 45°	45° - 60°	0° - 45°	45° - 60°
Load Factor		1	0,8	1,4	1	1,12	0,8	2,1	1,5	2,8	2	1,6	1,4	1	2,1	1,5
Quality Class	Dia. (mm)	Load Capacity (kg)														
Grade 80	7	2.360	1900	3.350	2.360	2.650	1900	5.000	3.550	6.700	4.750	3.750	3.350	2.360	5.000	3.550
	8	3.000	2.360	4.250	3.000	3.350	2.360	6.300	4.500	8.500	6.000	4.750	4.250	3.000	6.300	4.500
	10	5.000	4.000	7.100	5.000	5.600	4.000	10.600	7.500	14.000	10.000	8.000	7.100	5.000	10.600	7.500
	13	8.000	6.300	11.200	8.000	9.000	6300	17.000	11.800	-	-	12.500	11.200	8.000	17.000	11.800
	16	12.500	10.000	17.500	12.500	14.000	10000	26.500	19.000	-	-	20.000	17.500	12.500	26.500	19.000

GRADE 120 - GRADE 100 - GRADE 80 CHAIN SLING COMPARISON

The load capacities as shown in the table are the maximum values of the various sling types, stated according to the standard (Uniform Load) method of rating.

Safety Factor		1 Leg Chain Slings		2 Leg Chain Slings				3 and 4 Leg Chain Sling		4 Leg Chains with Load Distributor		Endless Chain Slings	Single Lifting Sling		Double Lifting Sling	
4																
Angle of Inclination		-	-	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0° - 45°	45° - 60°	-	0° - 45°	45° - 60°	0° - 45°	45° - 60°
Load Factor		1	0,8	1,4	1	1,12	0,8	2,1	1,5	2,8	2	1,6	1,4	1	2,1	1,5
Quality Class	Dia. (mm)	Load Capacity (kg)														
Grade 120	7	2.360	1900	3.350	2.360	2.650	1900	5.000	3.550	6.700	4.750	3.750	3.350	2.360	5.000	3.550
Grade 100	7	1.900	1.500	2.650	1.900	2.120	1.500	4.000	2.800	5.300	3.750	3.000	2.650	1.900	4.000	2.800
Grade 80	7	1.500	1.200	2.120	1.500	1.700	1.200	3.150	2.240	4.000	3.000	2.500	2.120	1.500	3.150	2.240
Grade 120	8	3.000	2.360	4.250	3.000	3.350	2.360	6.300	4.500	8.500	6.000	4.750	4.250	3.000	6.300	4.500
Grade 100	8	2.500	2.000	3.550	2.500	2.800	2.00	5.300	3.750	7.100	5.000	4.000	3.550	2.500	5.300	3.750
Grade 80	8	2.000	1.600	2.800	2.000	2.240	1.600	4.250	3.000	5.600	4.000	3.150	2.800	2.000	4.250	3.000
Grade 120	10	5.000	4.000	7.100	5.000	5.600	4.000	10.600	7.500	14.000	10.000	8.000	7.100	5.000	10.600	7.500
Grade 100	10	4.000	3.150	5.600	4.000	4.250	3.150	8.000	6.000	11.200	8.000	6.300	5.600	4.000	8.000	6.000
Grade 80	10	3.150	2.500	4.250	3.150	3.550	2.500	6.700	4.750	8.500	6.300	5.000	4.250	3.150	6.700	4.750
Grade 120	13	8.000	6.300	11.200	8.000	9.000	6300	17.000	11.800	-	-	12.500	11.200	8.000	17.000	11.800
Grade 100	13	6.700	5.300	9.500	6.700	7.500	5.300	14.000	10.000	19.000	13.200	10.600	9.500	6.700	14.000	10.000
Grade 80	13	5.300	4.250	7.500	5.300	5.900	4.250	11.200	8.000	14.000	10.600	8.500	7.500	5.300	11.200	8.000
Grade 120	16	12.500	10.000	17.500	12.500	14.000	10000	26.500	19.000	-	-	20.000	17.500	12.500	26.500	19.000
Grade 100	16	10.000	8.000	14.000	10.000	11.200	8.000	21.200	15.000	28.000	20.000	16.000	14.000	10.000	21.200	15.000
Grade 80	16	8.000	6.300	11.200	8.000	9.000	6.300	17.000	11.800	22.400	16.000	12.500	11.200	8.000	17.000	11.800

If the chain slings are used in severe conditions (e.g. high temperature, asymmetric load distribution, edge load, impact/shock loads), the maximum load capacity values in the table must be reduced by the load factors.

Please also note the user information on different conditions of use and their effects on the load capacity values!