

Load capacity table

Code	1-strand		2-strand				3- and 4-strand		3- and 4-strand with compensation		Chain slings	Loop chains	
	0°	0°	0° - 45°	46° - 60°	0° - 45°	46° - 60°	0° - 45°	46° - 60°	0° - 45°	46° - 60°	0° - 45°	0° - 45°	0° - 45°
Inclination angle β	0°	0°	0° - 45°	46° - 60°	0° - 45°	46° - 60°	0° - 45°	46° - 60°	0° - 45°	46° - 60°	0° - 45°	0° - 45°	0° - 45°
Load factor	1	0,8	1,4	1	1,12	0,8	2,1	1,5	2,8	2	1,6	1,4	2,1
Code	Load capacity (t)												
Chain sling grade 8													
NI 5 G8	0,80	0,64	1,12	0,80	0,90	0,64	1,60	1,18	2,24	1,60	1,25	1,12	1,60
NI 6 G8	1,12	0,90	1,60	1,12	1,25	0,90	2,36	1,70	3,15	2,40	1,80	1,60	2,36
NI 7 G8	1,50	1,20	2,12	1,50	1,70	1,20	3,15	2,24	4,00	3,00	2,50	2,12	3,15
NI 8 G8	2,00	1,60	2,80	2,00	2,24	1,60	4,25	3,00	5,60	4,00	3,15	2,80	4,25
NI 10 G8	3,15	2,50	4,25	3,15	3,55	2,50	6,70	4,75	8,50	6,30	5,00	4,25	6,70
NI 13 G8	5,30	4,25	7,50	5,30	5,90	4,25	11,20	8,00	14,00	10,60	8,50	7,50	11,20
NI 16 G8	8,00	6,30	11,20	8,00	9,00	6,30	17,00	11,80	22,40	16,00	12,50	11,20	17,00
NI 19 G8	11,20	8,95	16,00	11,20	12,50	8,95	23,60	17,00	-	-	18,00	16,00	23,60
NI 22 G8	15,00	12,00	21,20	15,00	17,00	12,00	31,50	22,40	-	-	23,60	21,20	31,50
NI 26 G8	21,20	16,95	30,00	21,20	23,70	16,95	45,00	31,50	-	-	33,50	30,00	45,00
NI 32 G8	31,50	25,20	45,00	31,50	35,20	25,20	67,00	47,50	-	-	50,00	45,00	67,00
Chain sling grade 10 (200°C/380°C)													
WIN 5	1,00	0,80	1,40	1,00	1,12	0,80	2,00	1,50	2,80	2,00	1,60	1,40	2,00
WIN 6	1,40	1,12	2,00	1,40	1,60	1,12	3,00	2,12	4,00	2,80	2,24	2,00	3,00
WIN 7	1,90	1,50	2,65	1,90	2,12	1,50	4,00	2,80	5,30	3,75	3,00	2,65	4,00
WIN 8	2,50	2,00	3,55	2,50	2,80	2,00	5,30	3,75	7,10	5,00	4,00	3,55	5,30
WIN 10	4,00	3,15	5,60	4,00	4,25	3,15	8,00	6,00	11,20	8,00	6,30	5,60	8,00
WIN 13	6,70	5,30	9,50	6,70	7,50	5,30	14,00	10,00	19,00	13,20	10,60	9,50	14,00
WIN 16	10,00	8,00	14,00	10,00	11,20	8,00	21,20	15,00	28,00	20,00	16,00	14,00	21,20
WIN 19	14,00	11,20	20,00	14,00	16,00	11,20	30,00	21,20	39,20	28,00	22,40	20,00	30,00
WIN 22	19,00	15,00	26,50	19,00	21,20	15,00	40,00	28,00	53,20	38,00	30,00	26,50	40,00
WIN 26	26,50	21,20	37,50	26,50	30,00	21,20	56,00	40,00	74,20	53,00	42,50	37,50	56,00
WIN 32	40,00	31,50	56,00	40,00	45,00	31,50	85,00	60,00	-	-	63,00	56,00	85,00
Chain sling grade 12													
WINPRO 7	2,36	1,90	3,35	2,36	2,65	1,90	5,00	3,55	6,70	4,75	3,75	3,35	5,00
WINPRO 8	3,00	2,36	4,25	3,00	3,35	2,36	6,30	4,50	8,50	6,00	4,75	4,25	6,30
WINPRO 10	5,00	4,00	7,10	5,00	5,60	4,00	10,60	7,50	14,00	10,00	8,00	7,10	10,60
WINPRO 13	8,00	6,30	11,20	8,00	9,00	6,30	17,00	11,80	-	-	12,50	11,20	17,00
WINPRO 16	12,50	10,00	17,50	12,50	14,00	10,00	26,50	19,00	-	-	20,00	17,50	26,50

Examples for obvious lacks



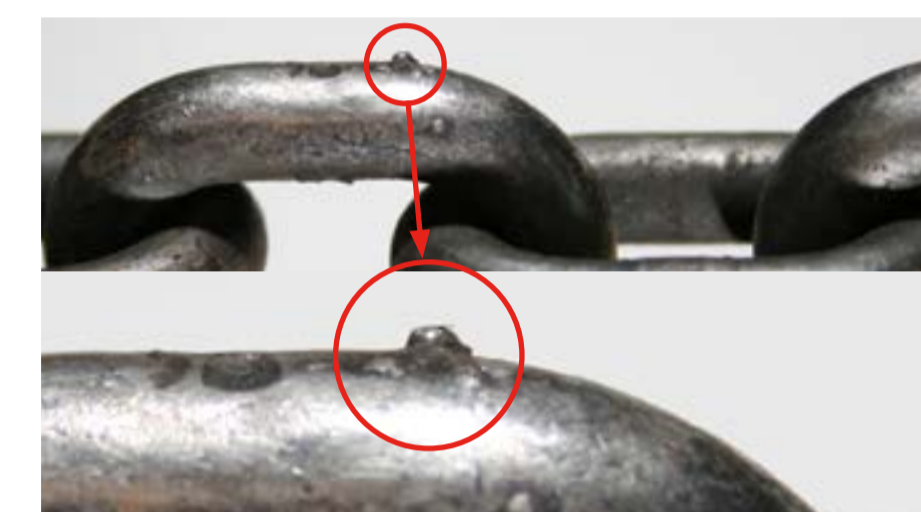
Clearly visible cracks



Notches



Bent chain link



Burned-in welding spatter



Corrosion



Not readable load capacity

Reduction factors

Temperature load	Load factor		
	Grade 8	Grade 10 - 380°C	Grade 12
Usage temperature			
-60°C to -40°C	not permitted	not permitted	not permitted
-40°C to 200°C	without deduction	without deduction	without deduction
+200°C to +300°C	0,90	0,90	0,60
+300°C to +380°C	0,75	0,75	not permitted
+380°C to +400°C	0,75	not permitted	not permitted
above +400°C	not permitted	not permitted	not permitted
BELOW 0°C - ONLY USE DRY SLINGS!!			

Asymmetrical load distribution				
Inclination angle	2-strands		3- and 4-strands	
	0° - 45°	46° - 60°	0° - 45°	46° - 60°
Load factor	0,7	1	0,5	0,7
Impact load				
Load factor	slight impacts	medium impacts	strong impacts	
	1	0,7	not permitted	

Edge load			
Load factor			
	R = larger than 2x chain-Ø	R = larger than chain-Ø	R = chain-Ø or smaller
Load factor	1	0,7	0,5

Technical changes, misprints and errors are reserved. Last update 05-2017