

Working Load Limits

Grade 12

	1-leg	2-leg		3- and 4-l		endless
Diameter of the lifting chain in mm						 endless chain sling in choke hitch
Inclination angle β	0°	0-45°	>45-60°	0-45°	>45-60°	-
load factor	1	1.4	1	2.1	1.5	1.6
Ø 4	0.8	1.12	0.8	1.7	1.18	1.25
Ø 6	1.8	2.5	1.8	3.75	2.7	2.88
Ø 8	3.0	4.25	3.0	6.3	4.5	4.8
Ø 10	5.0	7.1	5.0	10.6	7.5	8.0
Ø 13	8.0	11.2	8.0	17.0	11.8	12.8
Ø 16	12.5	17.0	12.5	26.5	19.0	20.0
	Acc. to BGR 500 / DGUV 100-500 section 2.8, the WLL for single fall becomes valid when unsymmetrical load occurs at a multiple strand sling.					