

Working Load Limits

Chain slings

Application	0		0-45		45-60		0-45		45-60		0-45	
	0	0	0-45	45-60	0-45	45-60	0	0	0-45	45-60	0	0-45
Angle of inclination β (°)												
\varnothing (mm)	Working Load Limit (t)											
6	Grade 80	1.12	0.90	1.60	1.12	1.25	0.90	2.36	1.70	1.80	1.60	2.10
	Grade 100	1.40	1.12	2.00	1.40	1.60	1.12	3.00	2.12	2.24	2.00	3.00
7	Grade 80	1.50	1.20	2.12	1.50	1.70	1.20	3.15	2.24	2.50	2.12	3.15
	Grade 100	1.90	1.50	2.65	1.90	2.12	1.50	4.00	2.80	3.00	2.65	4.00
	Grade 120	2.36	1.90	3.35	2.36	2.65	1.90	5.00	3.55	3.75	3.35	5.00
8	Grade 80	2.00	1.60	2.80	2.00	2.24	1.60	4.25	3.00	3.15	2.80	4.25
	Grade 100	2.50	2.00	3.55	2.50	2.80	2.00	5.30	3.75	4.00	3.55	5.30
	Grade 120	3.00	2.36	4.25	3.00	3.35	2.36	6.30	4.50	4.75	4.25	6.30
10	Grade 80	3.15	2.50	4.25	3.15	3.55	2.50	6.70	4.75	5.00	4.25	6.70
	Grade 100	4.00	3.15	5.60	4.00	4.25	3.15	8.00	6.00	6.30	5.60	8.00
	Grade 120	5.00	4.00	7.10	4.25	5.60	4.00	10.60	7.50	8.00	7.10	10.60
13	Grade 80	5.30	4.25	7.50	5.30	5.90	4.25	11.20	8.00	8.50	7.50	11.20
	Grade 100	6.70	5.30	9.50	6.70	7.50	5.30	14.00	10.00	10.60	9.50	14.00
	Grade 120	8.00	6.30	11.20	8.00	9.00	6.30	17.00	11.80	12.50	11.20	17.00
16	Grade 80	8.00	6.30	11.20	8.00	9.00	6.30	17.00	11.80	12.50	11.20	17.00
	Grade 100	10.00	8.00	14.00	10.00	11.20	8.00	21.20	15.00	16.00	14.00	21.20
18	Grade 80	10.00	8.00	14.00	10.00	11.20	8.00	21.20	15.00	16.00	14.00	21.20
19	Grade 100	14.00	11.20	20.00	14.00	16.00	11.20	30.00	21.20	22.40	20.00	30.00
20	Grade 80	12.50	10.00	17.00	12.50	14.00	10.00	26.50	19.00	20.00	17.00	26.50
22	Grade 80	15.00	12.00	21.02	15.00	17.00	12.00	31.50	22.40	23.60	21.20	31.50
	Grade 100	19.00	15.00	26.50	19.00	21.20	15.00	40.00	28.00	30.00	26.50	40.00
26	Grade 80	21.20	16.95	30.00	21.20	23.70	16.95	45.00	31.50	30.50	30.00	45.00
	Grade 100	26.50	21.20	37.50	26.50	30.00	21.20	56.00	40.00	42.50	37.50	56.00
32	Grade 80	31.50	25.20	45.00	31.50	35.20	25.20	67.00	47.50	50.00	45.00	67.00



Round slings and lifting belts

Application	0		0-45		45-60		0		0-45		45-60	
	0	0	0-45	45-60	0	0	0-45	0	0-45	45-60	0	0-45
Angle of inclination β (°)												
Colour code	Working Load Limit (t)											

Round slings according to DIN-EN-1492/2

1.00	1.40	1.00	2.00	1.40	1.00	0.80	1.12	0.80
2.00	2.80	2.00	4.00	2.80	2.00	1.60	2.24	1.60
3.00	4.20	3.00	6.00	4.20	3.00	2.40	3.36	2.40
4.00	5.60	4.00	8.00	5.60	4.00	3.20	4.48	3.20
5.00	7.00	5.00	10.00	7.00	5.00	4.00	5.60	4.00
6.00	8.40	6.00	12.00	8.40	6.00	4.80	6.72	4.80
8.00	11.20	8.00	16.00	11.20	8.00	6.40	8.96	6.40
10.00	14.00	10.00	20.00	14.00	10.00	8.00	11.20	8.00
	12.00	16.80	12.00	24.00	16.80	12.00	9.60	13.44
	15.00	21.00	15.00	30.00	21.00	15.00	12.00	16.80
	20.00	28.00	20.00	40.00	28.00	20.00	16.00	22.40

Lifting belts according to DIN-EN-1492/1

1.00	1.40	1.00	2.00	1.40	1.00	0.80	1.12	0.80
2.00	2.80	2.00	4.00	2.80	2.00	1.60	2.24	1.60
3.00	4.20	3.00	6.00	4.20	3.00	2.40	3.36	2.40
4.00	5.60	4.00	8.00	5.60	4.00	3.20	4.48	3.20
5.00	7.00	5.00	10.00	7.00	5.00	4.00	5.60	4.00
6.00	8.40	6.00	12.00	8.40	6.00	4.80	6.72	4.80
8.00	11.20	8.00	16.00	11.20	8.00	6.40	8.96	6.40
10.00	14.00	10.00	20.00	14.00	10.00	8.00	11.20	8.00
	12.00	16.80	12.00	24.00	16.80	12.00	9.60	13.44
	15.00	21.00	15.00	30.00	21.00	15.00	12.00	16.80
	20.00	28.00	20.00	40.00	28.00	20.00	16.00	22.40
25.00	35.00	25.00	50.00	35.00	25.00	20.00	28.00	20.00



Demag mobile inspection service

Our mobile inspection service puts the latest testing technology, experience and expertise to use directly on your premises. It goes without saying that all legal provisions are complied with and only officially approved testing procedures are used. Contact us!

Lift responsibly!

Use only suitable and appropriately dimensioned attachment points! The equipment working load limit must not be exceeded at any time.

Do not take risks defective lifting equipment must not be used even with a reduced load. Lifting equipment can be professionally repaired by our technicians where appropriate. As an alternative we can offer a wide range of replacement products to suit your requirement.