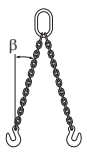
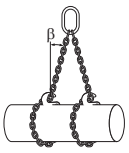
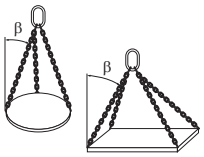
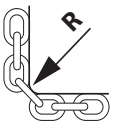
Brindley™ CHAINS

G8 & G10 Chain Sling Load Capacities

The load capacities shown are the WORKING LOAD LIMITS (WLL) of the various sling types, stated according to the standard (Uniform Load) method of rating.

Factor of safety			Single leg chains		2 leg chains				3 and 4 leg chains		Endless chains	Basket chains	
4													
Working angles			-	-	0° - 45°	45° - 60°	0° - 45°	45° - 60°	0° - 45°	45° - 60°	-	0° - 45°	0° - 45°
Load factor			1	0.8	1.4	1	1.12	0.8	2.1	1.5	1.6	1.4	2.1
Ref	Grade	Dia.	Working load limits (tonnes)										
LINX 6	8	6mm	1.12	0.90	1.60	1.12	1.25	0.90	2.36	1.70	1.80	1.60	2.36
LINX 7	8	7mm	1.50	1.20	2.12	1.50	1.68	1.20	3.15	2.24	2.50	2.12	3.15
LINX 8	8	8mm	2.00	1.60	2.80	2.00	2.24	1.60	4.25	3.00	3.15	2.80	4.25
LINX 10	8	10mm	3.15	2.50	4.25	3.15	3.55	2.50	6.70	4.75	5.00	4.25	6.70
LINX 13	8	13mm	5.30	4.25	7.50	5.30	5.90	4.25	11.20	8.00	8.50	7.50	11.20
LINX 16	8	16mm	8.00	6.30	11.20	8.00	9.00	6.30	17.00	11.80	12.50	11.20	17.00
LINX 20	8	20mm	12.50	10.00	17.00	12.50	14.00	10.00	26.50	19.00	20.00	17.00	26.50
LINX 22	8	22mm	15.00	12.00	21.20	15.00	16.80	12.00	31.50	22.40	24.00	21.20	31.50
WIN 5	10	5mm	1.00	0.80	1.40	1.00	1.12	0.80	2.00	1.50	1.60	1.40	2.00
WIN 6	10	6mm	1.40	1.12	2.00	1.40	1.60	1.12	3.00	2.12	2.24	2.00	3.00
WIN 7	10	7mm	1.90	1.50	2.65	1.90	2.12	1.50	4.00	2.80	3.00	2.65	4.00
WIN 8	10	8mm	2.50	2.00	3.55	2.50	2.80	2.00	5.30	3.75	4.00	3.55	5.30
WIN 10	10	10mm	4.00	3.15	5.60	4.00	4.25	3.15	8.00	6.00	6.30	5.60	8.00
WIN 13	10	13mm	6.70	5.30	9.50	6.70	7.50	5.30	14.00	10.00	10.60	9.50	14.00
WIN 16	10	16mm	10.00	8.00	14.00	10.00	11.20	8.00	21.20	15.00	16.00	14.00	21.20
WIN 19	10	19mm	14.00	11.20	20.00	14.00	16.00	11.20	30.00	21.20	22.40	20.00	30.00
WIN 22	10	22mm	19.00	15.00	26.50	19.00	21.20	15.00	40.00	28.00	30.00	26.50	40.00
WIN 26	10	26mm	26.50	21.20	37.50	26.50	30.00	21.20	56.00	40.00	42.50	37.50	56.00
WIN 32	10	32mm	40.00	31.50	56.00	40.00	45.00	31.50	85.00	60.00	63.00	56.00	85.00

Demanding conditions

Temperature	-40°C to 200°C	Above 200°C to 300°C	Above 300°C to 380°C
Pewag Winner 200 G10	1	not permissible	not permissible
LINX-8 G8 & Pewag Winner 400 G10	1	0.9	0.75
Asymmetric load distribution	The WLL has to be reduced by at least 1 leg. In case of any doubt only consider 1 leg as load-bearing.		
Edge loading	R = larger than 2 x chain diameter 	R = larger than chain diameter 	R = less than chain diameter 
Load factor	1	0.7	0.5
Shock	Slight shocks	Medium shocks	Strong shocks
Load factor	1	0.7	Not permissible

pewag

LINX-8

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