



CHAIN SLING - GRADE 80									
CHAIN DIA.	SINGLE LEG SLINGS				SLINGS OF 2, 3 OR 4 LEGS				2 LEG SLINGS
INCLUDED ANGLE	-	-	-	MAX. ANGLE 60°	60°	90°	120°	MAX. ANGLE 60°	MAX. ANGLE 60°
LOADING FACTORS (MM)	1	0.75	0.75	1.3	1.73	1.41	1	1.3	2.25
6	1.1	1.1	0.8	1.4	1.9	1.6	1.1	1.4	2.5
8	2.0	2.0	1.5	2.6	3.5	2.8	2.0	2.6	4.5
10	3.2	3.2	2.4	4.2	5.5	4.5	3.2	4.2	7.2
13	5.3	5.3	4.0	6.9	9.2	7.5	5.3	6.9	11.9
16	8.0	8.0	6.0	10.4	13.8	11.3	8.0	10.4	18.0
20	12.5	12.5	9.4	16.3	21.6	17.6	12.5	16.3	28.1
22	15.0	15.0	11.3	19.5	26.0	21.2	15.0	19.5	33.8
26	21.2	21.2	15.9	27.6	36.7	29.9	21.2	27.6	47.7
32	31.5	31.5	23.6	41.0	54.5	44.4	31.5	41.0	70.9

CHAIN SLING - GRADE 100									
CHAIN DIA.	SINGLE LEG SLINGS				SLINGS OF 2, 3 OR 4 LEGS				2 LEG SLINGS
INCLUDED ANGLE	-	-	-	MAX. ANGLE 60°	60°	90°	120°	MAX. ANGLE 60°	MAX. ANGLE 60°
LOADING FACTORS (MM)	1	0.75	0.75	1.3	1.73	1.41	1	1.3	2.25
6	1.4	1.4	1.1	1.8	2.4	2.0	1.4	1.8	3.2
8	2.5	2.5	1.9	3.3	4.3	3.5	2.5	3.3	5.6
10	4.0	4.0	3.0	5.2	6.9	5.6	4.0	5.2	9.0
13	6.7	6.7	5.0	8.7	11.6	9.4	6.7	8.7	15.1
16	10.0	10.0	7.5	13.0	17.3	14.1	10.0	13.0	22.5
20	16.0	16.0	12.0	20.8	27.7	22.6	16.0	20.8	36.0
22	19.0	19.0	14.3	24.7	32.9	26.8	19.0	24.7	42.8
26	26.5	26.5	19.9	34.5	45.8	37.4	26.5	34.5	59.6
32	40.0	40.0	30.0	52.0	69.2	56.4	40.0	52.0	90.0

SHACKLES									
	WORKING LOAD LIMIT (TONNES)	DIA. BOW d (MM)	DIA. PIN D (MM)	INSIDE WIDTH W (MM)	INSIDE LENGTH L (MM)		WIDTH OF BOW B (MM)	APPROX. WEIGHT EACH	
					DEE (MM)	BOW (MM)		SCREW PIN (KG)	SAFETY PIN (KG)
GRADE 5 SCREW & SAFETY PIN									
	0.33	5	6	10	-	22	15	0.02	-
	0.50	6	8	12	22	29	20	0.06	0.07
	0.75	8	10	13	26	31	21	0.11	0.13
	1.00	10	11	17	32	37	26	0.15	0.17
	1.50	11	13	18	37	43	29	0.21	0.25
	2.00	13	16	21	41	48	33	0.37	0.44
	3.25	16	19	27	51	61	43	0.65	0.79
	4.75	19	22	32	60	72	51	1.06	1.26
	6.50	22	25	37	71	84	58	1.56	1.88
	8.50	25	29	43	81	95	68	2.32	2.78
	9.50	29	32	46	90	108	74	3.28	3.87
	12.00	32	35	52	100	119	83	4.51	5.26
	13.50	35	38	57	113	133	92	5.43	6.94
	17.00	38	41	60	124	146	98	7.89	8.79
	25.00	44	51	73	146	178	127	13.40	14.99
	35.00	51	57	83	171	197	146	18.85	20.65
	42.50	57	63	95	181	222	160	26.06	29.01
	55.00	63	70	105	203	267	184	37.86	41.05
	85.00	76	83	127	229	330	200	58.68	62.24
	120.00	89	95	146	267	381	241	-	110.00
	150.00	102	108	165	318	432	279	-	160.00

SYNTHETIC SLINGS									
WORKING LOAD LIMITS (WLL) UNDER GENERAL CONDITIONS OF USE (1)									
COLOUR	MARKED WLL	STRAIGHT LIFT	CHOKED STRAIGHT LIFT	PARALLEL BASKET	BASKET HITCH OR 2, 3 AND 4 LEGS SLING			CHOKE HITCH OR 2, 3 AND 4 LEGS SLING	
					a = 60°	a = 90°	a = 120°	SINGLE WRAP a = MAX 45°	DOUBLE WRAP a = MAX 60°
		1.00	0.80	2.00	1.73	1.41	1.00	1.38	1.38
Violet	1	1.00	0.80	2.00	1.70	1.40	1.00	1.38	1.38
Green	2	2.00	1.60	4.00	3.40	2.80	2.00	2.76	2.76
Yellow	3	3.00	2.40	6.00	5.10	4.20	3.00	4.14	4.14
Grey	4	4.00	3.20	8.00	6.90	5.60	4.00	5.52	5.52
Red	5	5.00	4.00	10.00	8.60	7.00	5.00	6.90	6.90
Brown	6	6.00	4.80	12.00	10.30	8.40	6.00	8.28	8.28
Blue	8	8.00	6.40	16.00	13.80	11.20	8.00	11.04	11.04
Orange	10	10.00	8.00	20.00	17.30	14.10	10.00	13.80	13.80
Orange	12	12.00	9.60	24.00	20.76	16.92	12.00	16.56	16.56
Orange	15	15.00	12.00	30.00	25.95	21.15	15.00	20.70	20.70
Orange	20	20.00	16.00	40.00	34.60	28.20	20.00	27.60	27.60
Orange	30	30.00	24.00	60.00	51.90	42.30	30.00	41.40	41.40
Orange	50	50.00	40.00	100.00	86.50	70.50	50.00	69.00	69.00

Note: The WLL applicable to each configuration is the marked WLL multiplied by the loading factor, L.

