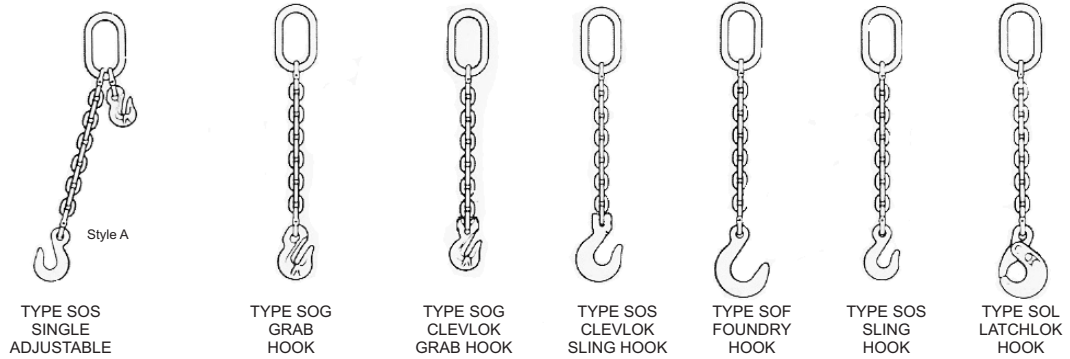


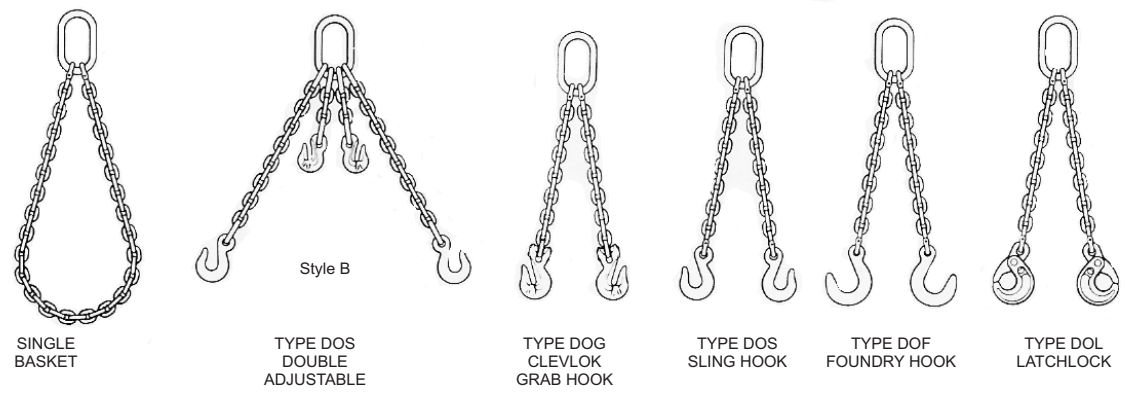
TYPICAL SLING TYPES

Scaw's Chain Products comply fully with SABS ISO 7593 for "Instant" assembled chain slings, to SABS ISO 4778 for "Welded" chain sling assemblies and with the requirements of EN 818 - 1 & 4.

SINGLE Chain Slings



DOUBLE Chain Slings

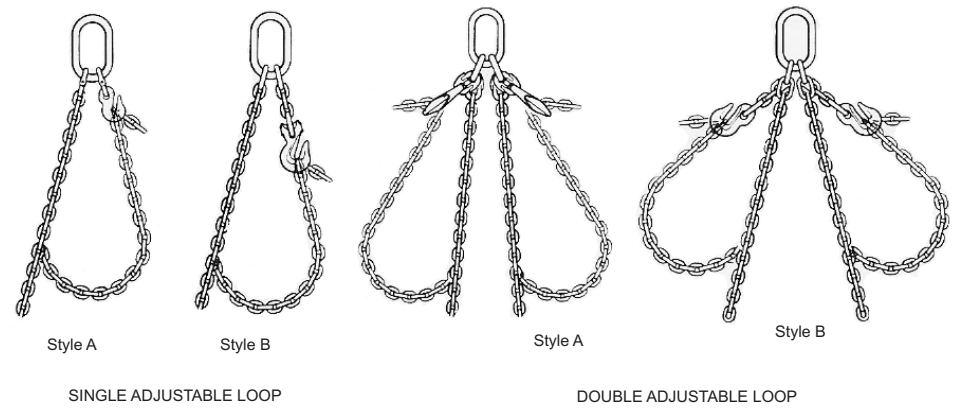


TRIPLE & QUAD Chain Slings



SINGLE ADJUSTABLE LOOP Chain Slings

DOUBLE ADJUSTABLE LOOP Chain Slings



ASSEMBLY COMPONENTS

CHAIN SIZE - mm		6.0	7.0	8.0	10.0	13.0	16.0	20.0	22.0	25.5	32.0
Working load limits in metric tons		1.20	1.60	2.0	3.20	5.40	8.20	12.80	15.50	21.70	32.80
Oblong Master Link		MA-06	MA-0806	MA-0806	MA-1008	MA-1310	MA-1613	MA-2016	MA-2220	MA-2622	MA-3226
Hammer-Lok		H1	7-8	7-8	10	13	16	20	22	26	32
Hooks	Grab (Clevis)		7-8	7-8	10	13	16	20			
	Sling (Clevis)		7-8	7-8	10	13	16	20			
	Self Locking (trigger)		7-8	7-8	10	13	16	20			
	Grab (eye)	HA-800	7-8	7-8	10	13	16	20	HA-808	HA-809	HA-811
	Sling (eye)	HA-218	7-8	7-8	10	13	16	20	HA-320	HA-330	HA-350
	Foundry (eye)		HA-498	HA-498	HA-499	HA-500	HA-501	HA-502	HA-503	HA-504	HA-505
Working load	60°	2.04	2.72	3.4	5.44	9.18	13.94	21.76	26.35	36.89	55.76
Limits in	90°	1.68	2.24	2.8	4.48	7.56	11.84	17.92	21.70	30.38	45.92
Metric tons	120°	1.20	1.60	2.0	3.20	5.40	8.20	12.80	15.50	21.70	32.80
Oblong Master Link		MA-06	MA-1008	MA-1008	MA-1310	MA-1613	MA-2016	MA-2220	MA-2622	MA-3226	MA-3632
Hammer Lok		H1	7-8	7-8	10	13	16	20	22	26	32
Hooks	Grab (Clevis)		7-8	7-8	10	13	16	20			
	Sling (Clevis)		7-8	7-8	10	13	16	20			
	Self Locking (trigger)		7-8	7-8	10	13	16	20			
	Grab (eye)	HA-800	7-8	7-8	10	13	16	20	HA-808	HA-809	HA-811
	Sling (eye)	HA-218	7-8	7-8	10	13	16	20	HA-320	HA-330	HA-350
	Foundry (eye)		HA-498	HA-498	HA-499	HA-500	HA-501	HA-502	HA-503	HA-504	HA-505
Working load	60°	312	4.16	5.20	8.32	14.04	21.32	33.28	40.30	56.42	85.28
Limits in	90°	2.52	3.36	4.20	6.72	11.34	17.22	26.88	32.55	45.57	68.88
Metric tons	120°	1.80	2.40	3.00	4.80	8.10	12.30	19.20	23.25	32.55	49.20
Master Link Sub-Assembly		MA-06SA	MA-08SA	MA-08SA	MA-10SA	MA-13SA	MA-16SA	MA-20SA	MA-22SA	MA-26SA	MA-32SA
Hammer-Lok		H1	7-8	7-8	10	13	16	20	22	26	32
Hooks	Grab (Clevis)		7-8	7-8	10	13	16	20			
	Sling (Clevis)		7-8	7-8	10	13	16	20			
	Self Locking (trigger)		7-8	7-8	10	13	16	20			
	Grab (eye)	HA-800	7-8	7-8	10	13	16	20	HA-808	HA-809	HA-811
	Sling (eye)	HA-218	7-8	7-8	10	13	16	20	HA-320	HA-350	HA-350
	Foundry (eye)		HA-498	HA-498	HA-499	HA-500	HA-501	HA-502	HA-503	HA-505	HA-505
Working load limits in metric tons 90°		1.68	2.24	2.80	4.48	7.56	11.48	17.92	21.70	30.38	45.92
Oblong Master Link		MA-06	MA-0806	MA-0806	MA-1310	MA-1613	MA-2016	MA-2220	MA-2622	MA-3226	MA-3632
Hammer-Lok		H1	7-8	7-8	10	13	16	20	22	26	32
Hooks	Grab (Clevis)		7-8	7-8	10	13	16	20			
	Grab (eye)	HA-800	7-8	7-8	10	13	16	20	HA-808	HA-809	HA-811
Working load limits in metric tons 90°		2.52	3.36	4.20	6.72	11.34	17.22	26.88	32.55	45.57	68.88
Oblong Master Link Sub Assembly		MA-06SA	MA-08SA	MA-08SA	MA-10SA	MA-13SA	MA-16SA	MA-20SA	MA-22SA	MA-26SA	MA-32SA
Hammer-Lok		H1	7-8	7-8	10	13	16	20	22	26	32
Hooks	Grab (Clevis)		7-8	7-8	10	13	16	20			
	Grab (eye)	HA-800	7-8	7-8	10	13	16	20	HA-808	HA-809	HA-811

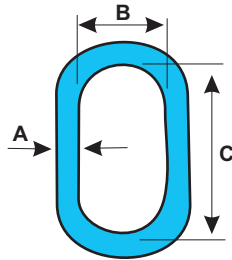
MASTER LINKS

Special master Links, Rings and Pear Shaped Links manufactured upon request.

All dimensions are expressed in mm and are subject to commercial tolerances

Oblong Master Links

For Single and Two Leg Chain Slings

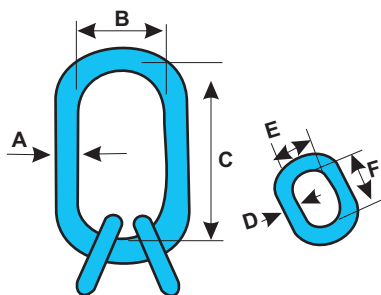


OBLONG LINK MA-	A mm	B mm	C mm	MASS EACH kg	SINGLE TYPES SOS, SOG, SOF, CO	DOUBLE TYPES DOS, DOG, OF SINGLE ADJUSTABLE LOOP & SINGLE BASKET
06	10.0	40	80	0.15	6.0	6.0
0806	14.0	60	125	0.46	7.0	7.0
1008	16.0	75	150	0.72	10.0	-
1310	20.0	90	160	1.25	13.0	10.0
1613	25.0	102	190	2.41	16.0	13.0
2016	32.0	140	240	4.88	20.0	16.0
2220	40.0	155	280	8.87	22.0	20.0
2622	45.0	175	320	12.77	26.0	22.0
3226	50.0	195	350	17.35	32.0	25.5
3632	60.0	220	410	29.15	-	32.0

100% proof tested and 3% magnetic particle crack detected in accordance with EN 1677-1 & 4

Master Link Sub-Assembly

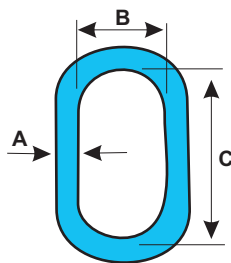
For Three and Four Leg Chain Slings



SUB ASSEMBLY MA-	SIZE OF MASTER LINK IN mm			SIZE OF COUPLING LINK IN mm		MASS EACH kg	MA CHAIN SIZE IN mm	
	A	B	C	D	F			
06SA	14.0	60	125	10.0	16	30	0.6	6.0
08SA	20.0	90	160	13.0	35	60	1.7	7.0
10SA	25.0	102	190	16.0	40	80	3.3	10.0
13SA	32.0	140	240	22.0	50	90	6.8	13.0
16SA	40.0	155	280	28.0	60	100	12.5	16.0
20SA	45.0	175	320	32.0	75	125	18.5	20.0
22SA	50.0	195	350	40.0	80	140	27.5	22.0
26SA	60.0	220	410	45.0	90	165	44.0	25.5
32SA	70.0	250	420	50.0	100	195	65.4	32.0

100% proof tested and 3% magnetic particle crack detected in accordance with EN 1677-1 & 4

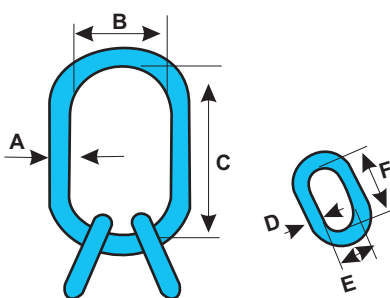
Enlarged Oblong MASTER LINK



OBLONG LINK MA-	SIZE OF OBLONG LINK IN mm			WLL tonne	MASS kg/unit
	A	B	C		
16ML	16	75	120	3.9	0.7
22MLS	22	90	162	8.6	1.5
23ML	22	140	270	5.6	2.3
28MLS	28	110	200	14.5	3.0
26ML	28	140	270	11.4	3.8
32ML	32	140	270	16.9	5.1
36ML	36	140	270	23.1	6.5
40ML	40	155	280	29.0	8.5
45ML	45	175	320	36.5	12.2
45MLL	45	265	490	24.7	17.8
50ML	50	195	350	45.2	16.6
60ML	60	220	410	63.0	29.2
70ML	70	250	490	88.6	44.3

100% proof tested and 3% magnetic particle crack detected in accordance with EN 1677-1 & 4

Enlarged Master Link SUB-ASSEMBLY

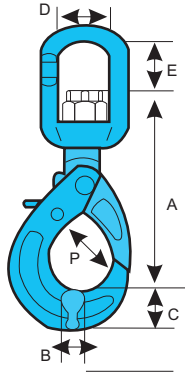


SUB ASSEMBLY MA	SIZE OF OBLONG LINK IN mm			SIZE OF MASTER COUPLING LINK IN mm			WLL tonne	MASS kg/unit
	A	B	C	D	E	F		
16QA	16	75	150	13	50	90	3.9	1.3
22QAS	22	90	162	20	70	140	8.6	3.6
23QA	22	140	270	16	75	150	5.6	3.8
28QAS	28	110	200	22	70	140	14.5	5.5
26QA	28	140	270	20	70	140	11.4	5.9
32QA	32	140	270	25.5	102	190	16.9	9.7
36QA	36	140	270	28	90	185	23.1	11.9
40QA	40	155	280	32	110	200	29.0	16.4
45QA	45	175	320	36	125	225	36.5	23.5
45QAL	45	265	490	30	90	185	24.7	24.1
50QA	50	195	350	40	130	260	45.2	32.3
60QA	60	220	410	50	195	350	59.9	63.9
70QA	70	250	450	60	220	410	84.7	102.6

100% proof tested and 3% magnetic particle crack detected in accordance with EN 1677-1 & 4

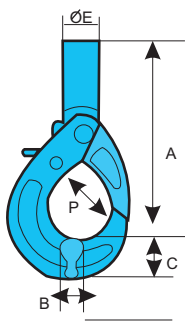
GR8 SWIVEL SELF-LOCKING HOOK, SELF-LOCKING SHANK HOOK, UTILITY WELD ON HOOK, TRANSPORT RING WELD-ON TYPE & WELDED COUPLING LINKS

All dimensions are expressed in mm and are subject to commercial tolerances



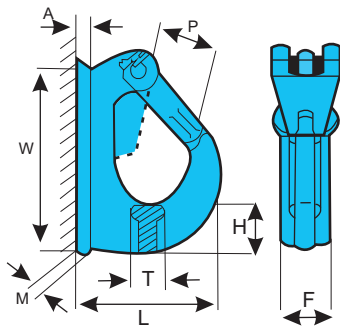
Swivel Self-Locking Hook

Capacity Tons	Code No.	Dimensions (mm)						MASS kg
		A	B	C	D	E	F	
2.0	XLE1	146	21	29	37	39	43	1.35
3.15	XLE2	180	28	34	47	46	47	2.40
5.3	XLE3	214	32	43	58	58	61	4.50
8.0	XLE4	275	40	55	65	60	90	7.80



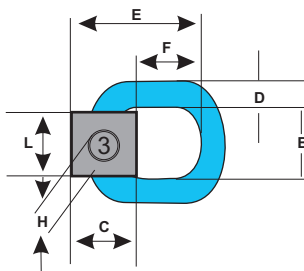
Self-Locking Shank

Capacity Tons	Code No.	Dimensions (mm)						MASS kg
		A	B	C	D	E	F	
2.0	XLT1	115	21	29	32	24	43	1.00
3.15	XLT2	126	28	34	46	28	47	1.85
5.3	XLT3	156	32	43	50	34	61	3.30



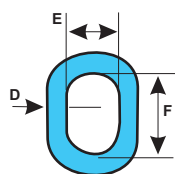
Utility Weld-On Hook

Max Load Tons	Dimensions (mm)								MASS kg
	P	L	T	H	F	W	A	M	
1	22	73	17	23	25	95	7	4	0.6
2	29	88	21	30	30	114	9	5	1.0
3	29	106	23	30	35	133	10	6	1.4
5	34	131	30	46	45	166	13	8	2.8
8	35	133	39	51	50	173	13	9	3.5
10	50	170	44	60	56	221	14	9	6.2



Transport Ring, Weld-On Type

Size	WLL	Dimensions (mm)							MASS kg
		E	F	C	L	H	D	B	
10-8	3.15	84	46	45	44	38	18	48	0.7
13-8	5.3	120	60	60	60	51	24	66	1.6
16-8	8	127	66	68	65	61	28	72	2.4
22-8	15	178	98	96	109	80	39	120	8.1



Welded Coupling Links (For use in place of Max-A-Loks on factory welded slings.)

LINK SIZE (mm)			LINK SIZE (mm)		
D	E	F	D	E	F
7.0	14	28			
10.0	16	30	28	60	100
13.0	25	40	32	65	110
16.0	35	60	40	70	130
20.0	40	70	45	80	150
22.0	45	80	50	90	180
25.5	50	90			

100% proof tested and magnetic particle crack detected

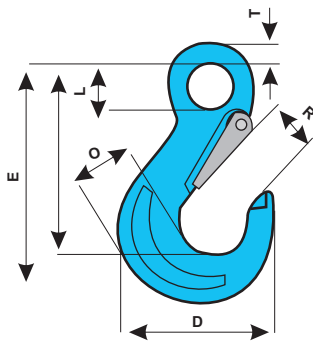
ENGINEERED FITTINGS, HOOKS

All dimensions are expressed in mm and are subject to commercial tolerances

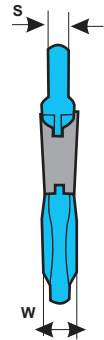
Eye Safety Sling Hooks



SABS 1595



Chain Size	Hook Number	D mm	L mm	M mm	E mm	R mm	O mm	W mm	T/S mm	MASS KG	Identification Markings
6.0	HA-218	84	19	70	100	25	20	20	10	0.37	CM Herc-Alloy
7.0	7/8	88	24	104	132	23	32	19	11	0.5	Batch, Size, Gr
10.0	10	108	31.5	132	165	29	41	24.6	14	0.9	Batch, Size, Gr
13.0	13	130	38	160	199	34	49	30	17	2.1	Batch, Size, Gr
16.0	16	152	44.5	186	233	42	58	35	23	3.5	Batch, Size, Gr
20.0	20	172	56	210	263	53	65	42	24	5.4	Batch, Size, Gr
22.0	HA-320	218	43	222	295	71	82	49	30	8.0	22 CM Herc-Alloy
25.0	HA-330	244	48	250	310	79	90	54	36	10.5	26 CM Herc-Alloy
32.0	HA-350	287	59	292	365	98	102	62	38	20.0	32 CM Herc-Alloy

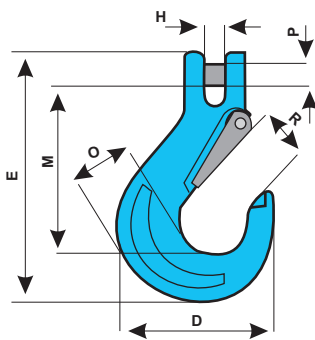


EN1677-2

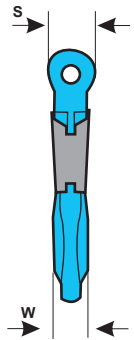
Clevis Safety Sling Hooks



SABS 1595



Chain Size	Hook Number	D mm	H mm	M mm	E mm	R mm	O mm	W mm	MASS KG	Identification Markings	S mm
7.0	7/8	88	9	93.5	137	23	32	19	0.3	Batch, Size, Gr	23
10.0	10	108	13.3	115.6	171	29	41	24.6	0.9	Batch, Size, Gr	31
13.0	13	130	16	139	206	34	49	30	2.0	Batch, Size, Gr	37.5
16.0	16	152	19	162	241	42	58	35	2.4	Batch, Size, Gr	44
20.0	20	172	22	184	274	53	65	42	5.2	Batch, Size, Gr	51

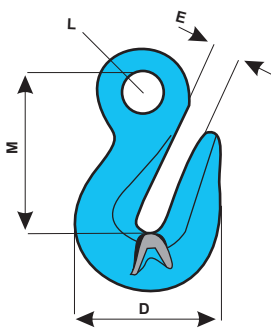


EN1677-2

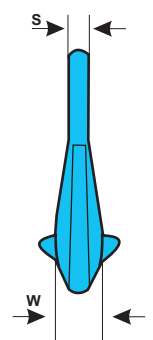
Eye Grab Hooks



SABS 1595



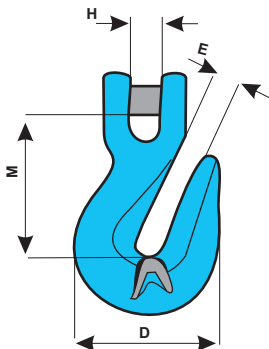
Chain Size	Hook Number	D mm	E mm	L mm	M mm	S mm	W mm	MASS KG	Identification Markings
6.0 (Oval eye)	HA-800	45	9	16	41			0.2	7/32 Cradle Hook
7.0	7/8	57	10.5	16	65	9	21	0.2	Batch, Size, Gr
10.0	10	71	13	20	80	10	24	0.5	Batch, Size, Gr
13.0	13	90	17	25	102	16.5	30	1.0	Batch, Size, Gr
16.0	16	104	19	29	117	19	39	2.0	Batch, Size, Gr
20.0	20	125	23	35	157	23	46	3.2	Batch, Size, Gr
22.0	HA-808	144	25	44	165	26	52	4.7	22 CM Herc-Alloy
25.0	HA-809	178	30	48	206	33	66	9.7	26 CM Herc-Alloy
32.0 (No cradle)	HA-811	210	38	57	267	40	92	16.5	1 1/4 CM Herc-Alloy



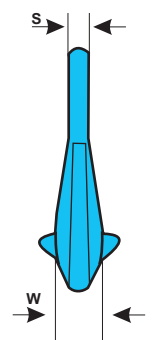
Clevis Grab Hooks



SABS 1595



Chain Size	Hook Number	D mm	E mm	H mm	M mm	S mm	W mm	MASS KG	Identification Markings
7.0	7/8	57	10.5	9	60	23	21	0.2	Batch, Size, Gr
10.0	10	71	13	13	72	31	24	0.6	Batch, Size, Gr
13.0	13	90	17	16	88	37.5	30	1.1	Batch, Size, Gr
16.0	16	104	19	19	102	44	39	1.9	Batch, Size, Gr
20.0	20	125	23	22	124	51	46	3.3	Batch, Size, Gr



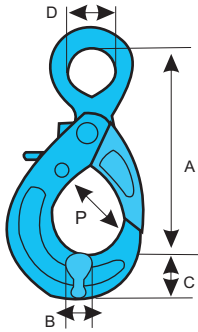
GR8 SELF-LOCKING HOOKS, LATCHLOCK HOOKS AND FOUNDRY HOOKS

All dimensions are expressed in mm and are subject to commercial tolerances

Eye Self Locking Hook



SABS 1595



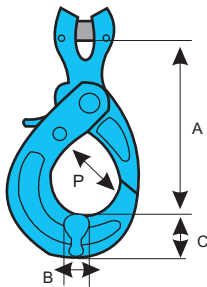
Chain Size mm	Code No.	Dimensions (mm)					MASS kg
		A	B	C	D	P	
7/8	7/8	133	19	25	25	31	0.82
10.0	10	160	26	31	31	43	1.42
13.0	13	206	33	39	40	53	3.0
16.0	16	253	48	48	50	64	6.25
18/20	YC05	282	41	57	64	68	8.5
22.0	YC06	319	49	63	70	82	11.2
25.5	YC07	343	56	69	80	99	14.5

EN1677-3

Clevis Self Locking Hook



SABS 1595



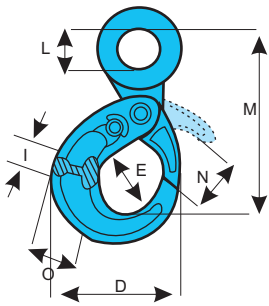
Chain Size mm	Code No.	Dimensions (mm)				MASS kg
		A	B	C	P	
7/8	7/8	118	19	25	31	0.82
10.0	10	139	26	31	43	1.4
13.0	13	174	33	39	53	2.85
16.0	16	208	48	48	64	6.1
18/20	YD05	319	49	71	80	7.5

EN1677-3

Eye-Type Latchlock Hook



SABS 1595



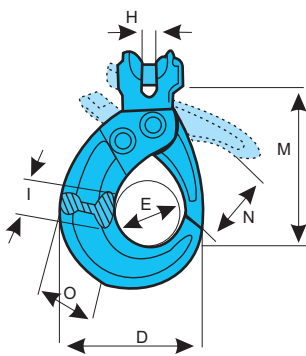
Chain Size mm	Hook Number	Dimensions (mm)							MASS kg	Identification Markings
		D	E	L	M	N	O	I		
7.0	CM-12	87	35	30	132	35	33	24	0.6	8 Latchlock Alloy
10.0	CM-20	103	45	36	165	44	41	29	0.9	10 Latchlock Alloy
13.0	CM-30	130	57	48	210	55	42	43	1.9	13 Latchlock Alloy
16.0	CM-45	146	62	65	267	67	60	53	4.7	20 Latchlock Alloy
20.0	CM-45	146	62	65	267	67	60	53	4.7	20 Latchlock Alloy

EN1677-3

Clevlock Latchlock Hook



SABS 1595



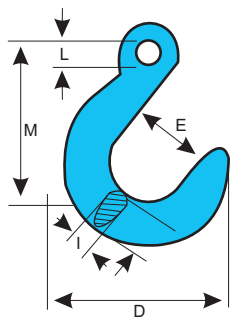
Chain Size mm	Hook Number	Dimensions (mm)							MASS kg	Identification Markings
		D	E	H	M	N	O	I		
7.0	CL-1	74	43	11	11	45	34	24	1.0	8 Latchlock Alloy
10.0	CL-2	74	43	11	108	45	41	29	1.0	10 Latchlock Alloy
13.0	CL-3	130	55	15	140	56	42	43	1.9	13 Latchlock Alloy
16.0	CL-4	152	67	23	177	68	60	53	4.5	16 Latchlock Alloy

EN1677-3

Eye-Type Foundry Hook



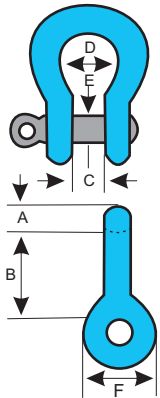
SABS 1595



Chain Size mm	Hook Number	Dimensions (mm)						MASS kg	Identification Markings
		D	E	L	M	O	I		
7.0	HA-498	121	63	16	121	31	25	1.0	7 Foundry Alloy
10.0	499	146	76	19	146	38	32	2.0	10 Foundry Alloy
13.0	500	171	89	25	175	45	38	3.2	13 Foundry Alloy
16.0	501	198	102	32	205	52	46	5.5	16 Foundry Alloy
20.0	502	232	114	38	235	65	56	8.8	20 Foundry Alloy
22.0	503	256	127	44	264	71	57	12.0	22 Foundry Alloy
25.5	504	283	140	51	294	77	66	16.9	26 Foundry Alloy
32.0	505	322	152	60	327	97	81	26.5	32 Foundry Alloy

GR8 SCREW PIN SHACKLES, SHORTENING CLUTCHES, CLEVIS REEVABLE MASTER LINK & CLEVIS SHACKLES

Alloy Screw Pin Shackle *

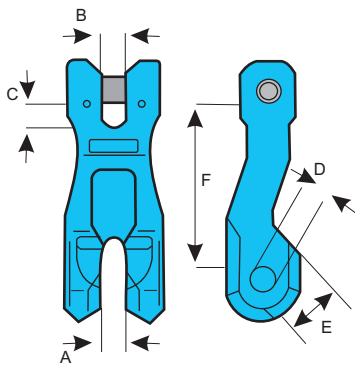


Chain Size mm	# WLL	A mm	B mm	C mm	D mm	E mm	F mm	MASS kg	*Embossed WLL in 'T' (2000lbs)
6.0	1700	9.5	37	17	26	11	25	0.14	1½
7.00	3400	12.5	48	21	33	16	30	0.34	3
10.00	5100	16.0	60	27	43	19	40	0.65	4½
13.0	7370	19.0	71	32	51	22	48	1.00	6½
16.00	11340	25.4	95	43	68	29	60	2.40	10
20.0	13600	28.6	108	46	74	32	67	3.18	12
22.0	15875	31.8	119	52	83	35	76	4.35	14
25.5	22680	38.0	146	60	98	41	92	7.85	20
32.0	34000	44.5	178	73	127	51	110	12.60	30

All Shackles above are subjected to a proof load of twice the Working Load Limit based on a factor of Safety of 4:1.

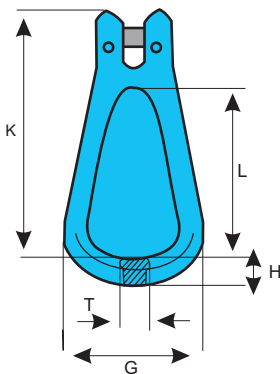
Exceeds the requirements of U.S. Federal Specification RR-C-271C Type IV Class 1.

* The Shackles are embossed with a WLL in 'T' (2000lbs) based on a Factor of Safety of 5:1



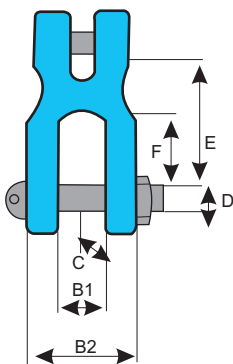
Clevis Shortening Clutch

Chain Size mm	Code No.	Dimensions (mm)					MASS kg
		A,B	B	D	E	F	
7/8	KC 7	8	10	9	16	62	0.4
10.0	KC 10	12	14	12	25	87	0.9
13.0	KC 13	16	17	15	32	115	1.9
16.0	KC 16	20	19	19	39	143	3.2



Clevis Reeveable Master Link

Chain Size mm	Code No.	Dimensions (mm)					MASS kg
		K	L	G	T	H	
7/8	YG01	124	87	75	14	15	0.4
10.0	YG02	155	108	96	18	19	0.7
13.0	YG03	196	136	108	23	22	1.3
16.0	YG04	239	165	124	24	26	2.6



Clevis Shackle

Chain Size mm	WLL t	Dimensions (mm)						MASS kg
		E	D	C	F	B1	B2	
10.0	3.15	64	16	32	36	21	47	0.62
13.0	5.3	83	20	40	49	27	61	1.16

SHORT LINK CHAIN

1. SPECIAL SHORT LINK CHAIN

Special Short Link Chain - SSL Chain

Special Short Link Chain is a high quality carbon-steel Short Link Chain for general purpose use.

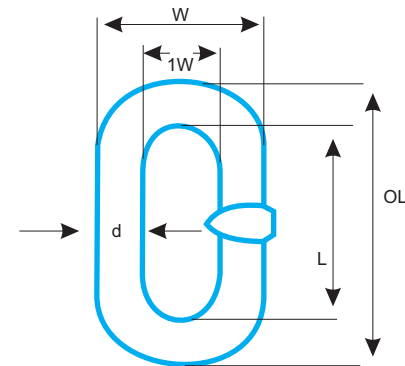
Identification:
No brand marking

Factor of Safety : 5 to 1

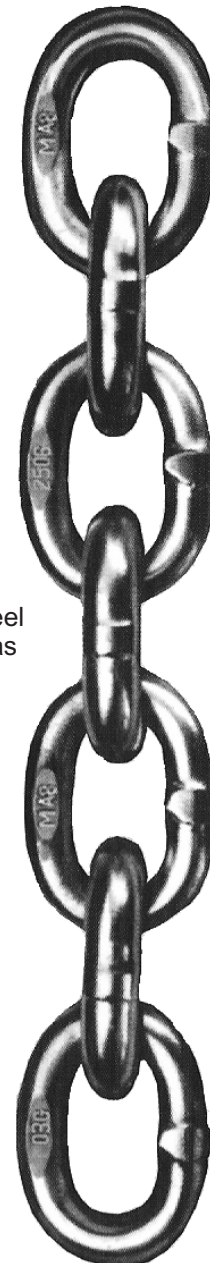
CHAIN SIZE	WORKING LOAD LIMIT (metric tons)	LINK DIMENSIONS mm			LINKS PER METRE	MASS PER METRE IN (kg-approx)
		D-nom	L-nom	W-max		
4.0	0.2	4.0	14.3	15.0	69.9	0.34
5.6	0.4	5.6	18.8	19.8	53.2	0.67
6.3	0.5	6.3	18.9	22.1	52.9	0.88
7.0	0.6	7.0	21.0	24.5	48.2	1.08
8.0	0.8	8.0	24.0	28.0	41.7	1.41
9.0	1.0	9.0	27.0	31.5	37.0	1.79
10.0	1.2	10.0	30.0	35.0	33.3	2.21
11.2	1.6	11.2	33.6	39.2	29.8	2.77
13.0	2.2	13.0	39.0	45.5	25.6	3.73
14.0	2.5	14.0	42.0	49.0	23.8	4.32
16.0	3.3	16.0	48.0	56.0	20.8	5.65
20.0	5.0	20.0	60.0	70.0	16.7	8.82
22.0	6.2	22.0	66.0	77.0	15.2	10.68
26.0	8.7	26.0	78.0	91.0	12.8	14.90

Sizes up to 70.0 mm

Automatically supplied in self colour.
Special finishes on application.



The Inswell or Asymmetric Weld



2. SHORT LINK GR 400 INSWELL CHAIN

Short Link Grade 400 Inswell Chain to SABS 189/1984 - GR 400 SL Chain

Short Link Inswell (Asymmetric weld) Chain is a hardened and tempered higher tensile steel chain recommended for lifting purposes which is manufactured to SABS. 189/1984 and has the SABS mark of approval.

Identification:
Embossed 4 on at least every 20th Link or 1 metre, whichever is the lesser distance

Factor of Safety : 4 to 1

CHAIN SIZE	WORKING LOAD LIMIT (metric tons)	LINK DIMENSIONS mm			LINKS PER METRE	MASS PER METRE IN (kg-approx)
		D-nom	L-nom	W-nom		
6.3	0.63	6.3	18.9	22.1	52.9	0.83
8.0	1.0	8.0	24.0	28.0	41.7	1.43
10.0	1.6	10.0	30.0	35.0	33.3	2.23
11.2	2.0	11.2	33.6	39.2	29.8	2.80
12.5	2.5	12.5	37.5	43.8	26.7	3.49
14.0	3.2	14.0	42.0	49.0	23.8	4.37
16.0	4.0	16.0	48.0	56.0	20.8	5.71
20.0	6.3	20.0	60.0	70.0	16.7	8.93
22.4	8.0	22.4	67.2	78.4	14.8	11.20
25.0	10.0	25.0	75.0	87.5	13.3	13.94

Sizes up to 45.0 mm

Subject to SABS revision during 1993

SHORT LINK CHAIN

3. SPECIAL LINK GR 500 INSWELL CHAIN

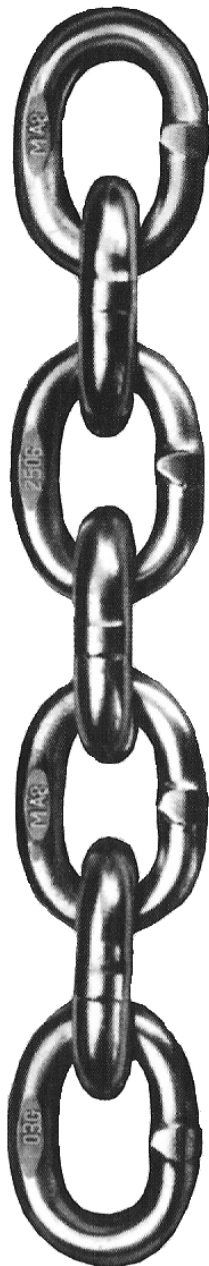
Short Link Grade 500 Inswell Chain

The Chain size and Link dimensions are identical to S.A.B.S. 189/1984 Grade 400. Short Link Chain, Grade 500 Chain is specially hardened and tempered to achieve higher working load limits and increased wearing properties.

Identification:

Embossed 5 on at least every 20th link or 1 metre, whichever is the lesser distance.

Factor of Safety : 4 to 1



CHAIN SIZE	WORKING LOAD LIMIT (metric tons)	LINK DIMENSIONS mm			LINKS PER METRE	MASS PER METRE IN (kg-approx)
		D-nom	L-nom	W-max		
6.3	0.8	6.3	18.9	22.1	52.9	0.88
8.0	1.2	8.0	24.0	28.0	41.9	1.41
10.0	2.0	10.0	30.0	35.0	33.3	2.21
11.2	2.5	11.2	33.6	39.2	29.8	2.77
13.0	3.4	13.0	39.0	45.5	25.6	3.73
14.0	3.9	14.0	42.0	49.0	23.8	4.32
16.0	5.1	16.0	48.0	56.0	20.8	5.65
20.0	8.0	20.0	60.0	70.0	16.7	8.82
22.0	9.7	22.0	66.0	77.0	15.2	10.68
26.0	13.5	26.0	78.0	91.0	12.8	14.90

Sizes up to 50.0 mm

4. SUPER•6 - ALLOY SHORT LINK CHAIN

SUPER 6•[®]

SUPER•6 Short Link Chain is a special alloy steel chain developed for those rugged applications demanding high resistance to both abrasion and shock loads.

SUPER•6 Short Link Chain is ideally suited for Cane and Timber Bundling Chains and Load Lashing on vehicles.

Identification:

Embossed **SUPER•6** on at least every 20th link or 1 metre, whichever is the lesser distance.

Factor of Safety : 4 to 1

CHAIN SIZE	WORKING LOAD LIMIT (metric tons)	LINK DIMENSIONS mm			LINKS PER METRE	MASS PER METRE IN (kg-approx)
		D-nom	L-nom	W-nom		
8.0	1.6	8.0	24.0	28.0	41.7	1.41
10.0	2.5	10.0	30.0	35.0	33.3	2.21
11.2	3.2	11.2	33.5	39.0	29.8	2.77
13.0	4.6	13.0	39.0	45.5	25.6	3.73

Sizes up to 45.0 mm

LONG LINK CHAIN

5. LONG LINK GR 300 INSWELL CHAIN

Long Link Grade 300 Inswell Chain to S.A.B.S. 251/1971* - GR 300 LL Chain

Long Link Inswell (asymmetric welded) chain is a long link general purpose mild steel chain manufactured to SABS. 251/1971 as amended August 1979.

Identification:
No brand marking.

Factor of Safety : 5 to 1

CHAIN SIZE	WORKING LOAD LIMIT (metric tons)	LINK DIMENSIONS mm			LINKS PER METRE	MASS PER METRE IN (kg-approx)
		D-nom	L-nom	W-max		
5.6	0.3	5.6	22.4	19.6	44.6	0.62
6.3	0.4	6.3	25.2	22.1	39.7	0.79
7.1	0.5	7.1	28.4	24.9	35.2	1.00
9.0	0.8	9.0	36.0	31.5	27.8	1.60
10.0	1.0	10.0	40.0	35.0	25.0	1.98
11.2	1.2	11.2	44.8	39.2	22.3	2.49
12.5	1.5	12.5	50.0	43.8	20.0	3.10
14.0	1.9	14.0	56.0	49.0	17.9	3.88
16.0	2.5	16.0	64.0	56.0	15.6	5.07
20.0	3.8	20.0	80.0	70.0	12.5	7.92
25.0	6.0	25.0	100.0	87.5	10.0	12.40
Sizes up to 50.0 mm						

* As amended August 2, 1979

Subject to SABS revision during 1993

6. EXTRA LONG LINK CHAIN

Extra Long Link Grade 300 Inswell Chain to S.A.B.S. 251/1971* - ELL Chain

ELL Chain Link was primarily developed for use in underground mining but now offers greater versatility due to its "passing-through" design allowing immediate, onsite, coupling and repair.

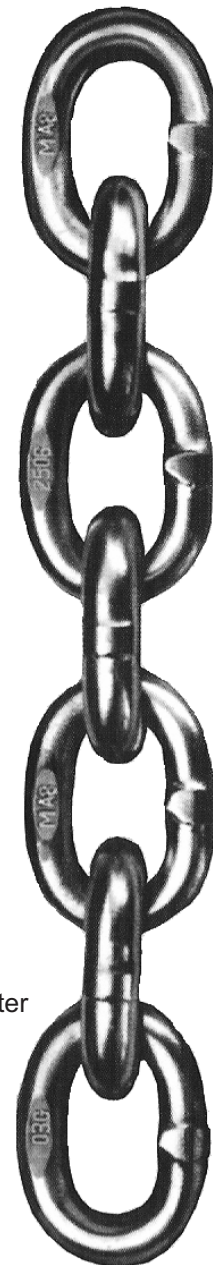
Identification:
No brand marking

Factor of Safety : 5 to 1

CHAIN SIZE	WORKING LOAD LIMIT (metric tons)	LINK DIMENSIONS mm			LINKS PER METRE	MASS PER METRE IN (kg-approx)
		D-nom	OL-nom	W-min		
7.0	0.5	7.1	60.0	26.0	21.8	0.85
10.0	1.0	10.0	84.0	37.0	15.6	1.70
14.0	1.9	14.0	110.0	49.0	12.2	3.40
16.0	2.5	16.0	124.0	55.0	11.0	4.45

* As amended August 2, 1979

Subject to SABS revision during 1993



LONG LINK CHAIN

7. LOG HAUL CONVEYOR CHAIN

Grade 800 Alloy Log Haul Conveyor Chain - HA/LHC Chain

Log Haul Chain is calibrated, hardened and tempered alloy steel conveyor chain developed originally for the Timber Industry but also used for other conveyor applications.

Identification: Embossed 8 on every 20th link or 1 metre whichever is the lesser distance.

Factor of Safety : Not applicable - design decision

CHAIN SIZE	MINIMUM BREAK FORCE kN	PROOF FORCE	LINK DIMENSIONS mm				LINKS PER METRE	MASS PER METRE IN (kg-approx)
			d	L-min	L-max	L-max		
10.0	126	79	10.0	51.0	52.0	14.0	19.6	1.82
14.0	246	154	14.0	89.0	91.0	24.0	11.2	3.37
16.0	322	201	16.0	90.0	92.0	24.0	11.1	4.50
20.0	504	315	20.0	96.0	98.0	27.0	10.5	7.29

For your guidance, 10kN force approximate to 1t load



8. UTILITY CHAIN

Table 1: Extra Long Link Chain - ELL Chain

Factor of Safety : 5 to 1

CHAIN SIZE	WORKING LOAD LIMIT (metric tons)	LINK DIMENSIONS mm			LINKS PER METRE	MASS PER METRE IN (kg-approx)
		D	L	W		
4.0	0.15	4.0	20.0	16.0	50.0	0.31
4.8	0.19	4.8	26.0	20.0	38.5	0.43
5.6	0.30	5.6	27.0	22.0	37.0	0.60

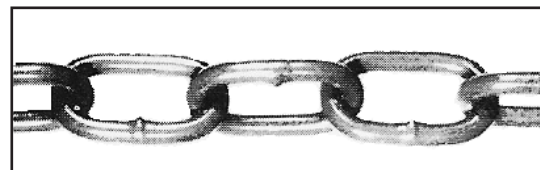


Table 2: Rim Link Chain - RL Chain

4.0	0.15	4.0	20.0	16.0	50.0	0.31
4.8	0.19	4.8	26.0	20.0	38.5	0.43
5.6	0.30	5.6	27.0	22.0	37.0	0.60

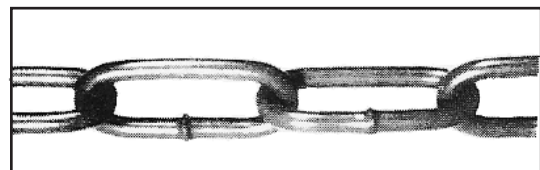


Table 3: Knotted Link Chain - KL Chain

1.6	-	1.6	23.0	7.2	43.5	0.06
2.0	-	2.0	28.0	9.0	35.7	0.08
2.8	-	2.8	46.0	15.0	21.7	0.15
3.5	-	3.5	48.0	18.0	20.8	0.27
4.0	-	4.0	54.0	20.0	18.5	0.35
5.0	-	5.0	60.0	22.5	16.7	0.56

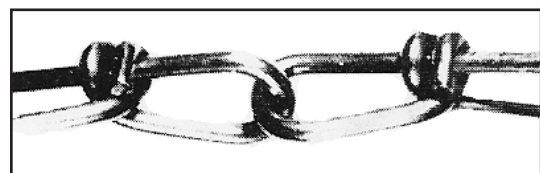


Table 4: Rim Link Chain - TL Chain

5.6	-	5.6	20.6	20.8	48.5	0.65
6.3	-	6.3	23.0	22.1	43.4	0.84
7.1	-	7.1	27.0	24.6	37.0	1.02



TENSION SELECTOR

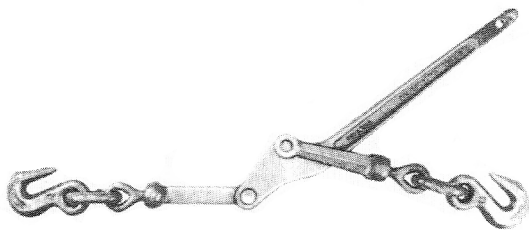
THE NEW RATCHET BINDER



- Continuous take-up feature with infinite adjustment.
- One piece assembly, no bolts and nuts to loosen. Ratchet spring rust proofed.
- All load bearing or holding parts forged.
- Eye bolts and Hooks are alloy steel, quenched and tempered.
- Easy to operate-positive ratchet.

Ratchet Binder specifications

Model No.	Chain size mm	Handle Length mm	Barrel Length mm	Take-up mm	Min Breaking strength kg	Mass kg
R-A	10.0 / 13.0	356	254	200	15 000	5.6

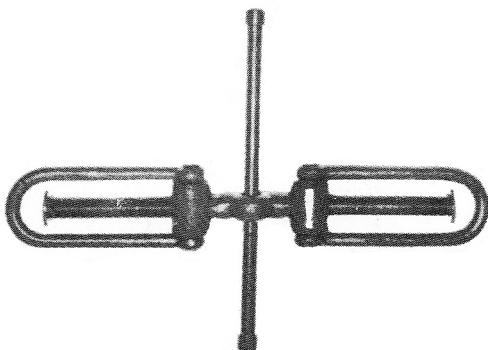


LEVER BINDER

- Drop forged and heat treated.
- Each binder is proof tested.

Ratchet Binder specifications

Chain size mm	Handle Length mm	Take-up mm	Min Breaking strength kg	Mass kg
6.3	286	76	3 540	1.13
10.0	405	121	8 620	3.50
13.0	470	130	12 700	5.10



28mm TURNBUCKLE

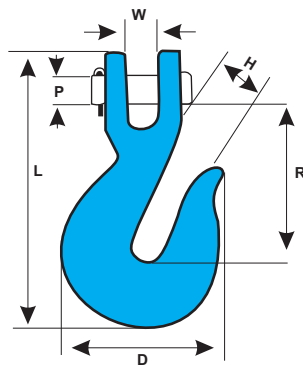
The typical Chain Assembly incorporate the Turnbuckle consists of a 10m length of chain with a Grab Hook attached at one end and a short length of 600mm of chain with a Slip Hook attached at the other end of the turnbuckle.

Length min mm	Length - max mm	Take-up mm	Mass kg	Min Breaking strength kg
610	890	280	7	13 600

HOOK AND CHAIN SELECTOR

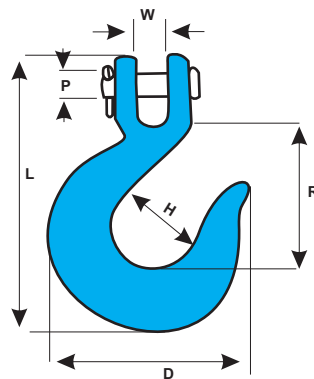
HOOK SELECTOR

Chain size mm	Quality Grade	Hook Size mm	Hook Description
6.3	SSL	6.3	Big Orange Clevis Grab and Slip Hooks
6.3	500	6.3	
10.0	SSL	10.0	Big Orange Clevis Grab and Slip Hooks
10.0	500	10.0	
10.0	SUPER*6	10.0	Herc-Alloy Clevlok Grab and Sling Hooks
10.0	800	10.0	
11.2	SUPER*6	11.2	Big Orange Clevis Grab and Slip Hooks
13.0	SSL	13.0	Big Orange Clevis Grab and Slip Hooks
13.0	500	13.0	
13.0	SUPER*6	13.0	



GRAB HOOK - Heat Treated and Tempered - Grade 630

Dimensions in mm							
Chain size mm	W	D	H	L	P	R	Mass ea - kg
6.3	8	49	9.5	86	8	51	0.2
10.0	11	68	12.7	114	11	68	0.5
11.2	12.7	73	14.7	127	12.7	76	0.7
13.0	15	84	16.7	143	14	85	0.9



SLIP HOOK - Heat Treated and Tempered - Grade 630

Dimensions in mm							
Chain size mm	W	D	H	L	P	R	Mass ea - kg
6.3	8	67	23.8	94	8	59	0.2
10.0	11	89	32.0	124	11	76	0.6
11.2	12.7	106	39.7	145	12.7	89	0.9
13.0	15	124	44.5	162	14	100	1.3

- * All hooks have clear, hard acrylic protective finish to prevent rust and for cleaner handling.
- * Pins are also heat treated.
- * Extra deep throat for extra safety.

CHAIN SELECTOR

Only Short Link Chain is recommended for Load Binding.

Size mm	Quality	Minimum Breaking Strength - kg	Mass / m kg	Corresponding Tensioners
6.3	SSL	2 500	0.83	Lever Binding Only
6.3	500	3 000	0.83	
10.0	SSL	6 000	2.23	Ratchet-Binder, Lever Binder or
10.0	500	8 000	2.23	
10.0	SUPER 6	10 000	2.23	Turnbuckle
10.0	800	12 000	2.23	
11.2	SUPER 6	12 600	2.80	
13.0	SSL	10 850	3.73	Ratchet-Binder, Lever Binder or
13.0	500	13 600	3.73	
13.0	SUPER 6	17 000	3.73	Turnbuckle