LIFTING EQUIPMENT | LOAD TESTING | HEIGHT SAFETY | WIRE ROPE

SCOTIA HANDLING SERVICES

PRODUCT CATALOGUE

2026

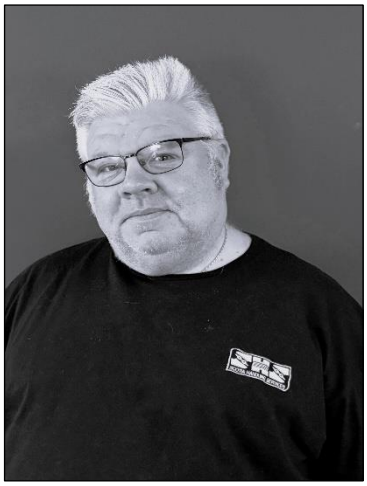
MEET OUR OFFICE TEAM

Scotia Handling Services Limited was established in 1973 and has built its outstanding reputation on an unswervingly high quality service, with our customers' satisfaction at the centre of all that we do.

Rosie Mill
Director

John Mill
Director

Abbie McLean
General Manager
abbie@scotiahandling.co.uk



Gerry Miller
Operations Manager
gerry@scotiahandling.co.uk

Linda McLaughlin
Sales
linda@scotiahandling.co.uk

Lucy McDonald
Administrator
lucy@scotiahandling.co.uk

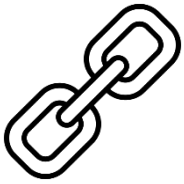
Lifting Equipment Engineers Association
Lifting Standards Worldwide™

Scottish Engineering

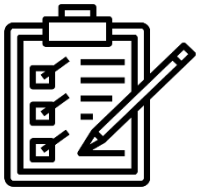
nqa.
ISO 9001
QUALITY MANAGEMENT

OUR SERVICES

SCOTIA HANDLING SERVICES



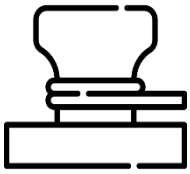
Lifting Equipment
supply & repair



LOLER Inspection

Load Testing

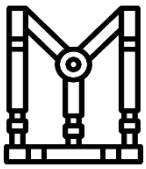
Non-Destructive Testing



Bollard Testing

Mooring & Aquaculture

Test Weight Hire
including water bags



Height Safety Equipment

CONTENTS	PAGE
Shackles	6-20
Chain Slings	22-36
Polyester Slings	38-42
Lashing Systems	44-46
Wire Rope Slings	48-50
Lifting Eyes	52-68
Personal Protection Equipment	70-80
Manual Hoists	82-102
Test Weights	104-110
Our Services	112-114
Certification	116-119

If you are looking for something specific that isn't featured here, please don't hesitate to get in touch with us. Our team will be happy to discuss your requirements and help find the right solution for your needs.

SHACKLES

We supply shackles from four approved manufacturers, providing customers with flexibility in brand selection while maintaining full compliance with industry standards and certification requirements.

"Our products always are a small but indispensable link in bigger projects, positioned right at the heart of security.

All Green Pin® products thrive at the core of any project. As the centrepiece of rigging"

"GT & Company always take great care in ensuring safety and customer satisfaction are paramount in its thoughts.

We support our network of global customers with first class technical support and service that always endeavours to exceed expectations"

"We have a dedicated engineering and testing facility to oversee the Xona product range and secure a high quality level.

The Xona range is constantly developed and improved"

"We offer a quality and economy range of British Standard type shackles.

Quality range is available to satisfy the quality concerns of companies throughout the world who insist on the best and who require that bit extra than just 'product' to do the job"

CHOOSING THE CORRECT SHACKLE

Shackles are removable connectors used in lifting and rigging operations.

STANDARD SHACKLES

- Temporary connections
- Applications where shackles are frequently removed
- Quick assembly/disassembly
- RISK FACTOR – If the load vibrates or moves, it can cause the pin to unscrew – not ideal for long-term or dynamic loads

SAFETY PIN SHACKLES

- Long-term or permanent connections
- Situations where the load may slide along the pin
- Situations where the load may vibrate
- Applications where pin rotation must be prevented
- Pin is secured with a nut and cotter pin meaning the pin cannot come loose

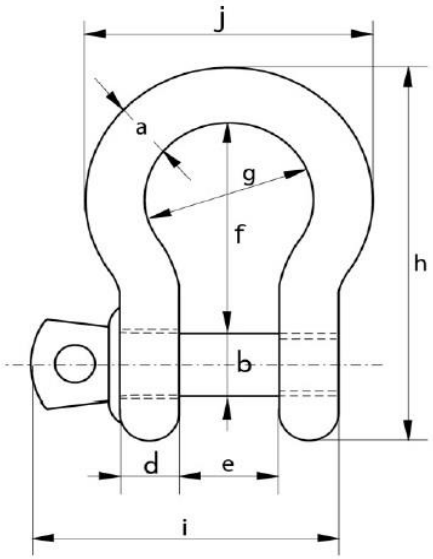
BRITISH STANDARD SHACKLES

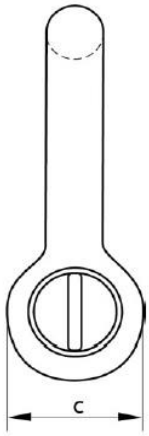
- Manufactured to UK engineering standards
- Predominantly used with machinery within the construction industry

STANDARD BOW SHACKLES

TECHNICAL COMPLIANCE	GREEN PIN	GEORGE TAYLOR	XONA
GRADE/MATERIAL	Grade 6 – high tensile steel	Grade 6 – high tensile steel	Grade 6 – high tensile steel
STANDARD	EN 13889 and meets performance requirements of US Fed. Spec RR-C 271	EN 13889 and meets performance requirements of US Fed. Spec RR-C 271	US Fed. Spec RR-C 271
SAFETY FACTOR	MBL = 6 X WLL	MBL = 6 X WLL	MBL = 6 X WLL
FINISH	Hot dipped galvanised	Hot dipped galvanised	Hot dipped galvanised
PIN COLOUR	Green	Blue	Purple
TEMP RANGE	-40° to 200°	0° to 200°	-
CERTIFICATION	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	£
AVAILABILITY	Stocked by SHS	Usually next day delivery	Usually next day delivery

STANDARD BOW SHACKLES





Note – pin colour will vary depending on manufacturer, see previous page

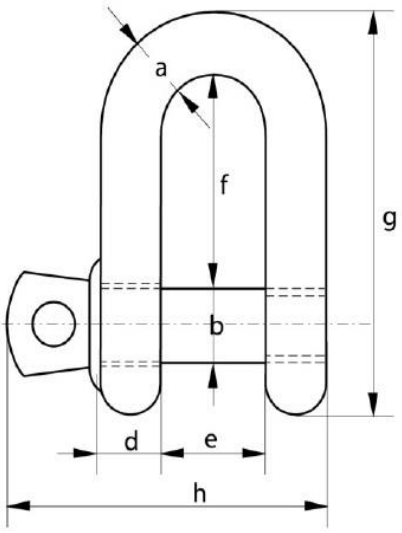
Working Load Limit	Bow Dia	Pin Dia	Eye Dia	Width Eye	Width Inside	Length Inside	Width Bow	Length	Length Bow	Width Bow	Weight Each
Tonnes	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	Kg
0.33	5	6	12	5	9.5	22	16	36	29.5	26	0.02
0.5	7	8	16.5	7	12	29	20	48.5	38	34	0.05
0.75	9	10	20	9	13.5	32	22	56	46.5	40	0.10
1	10	11	22.5	10	17	36.5	26	63.5	54	46	0.14
1.5	11	13	26.5	11	19	43	29	74	59.5	51	0.19
2	13.5	16	34	13	22	51	32	89	73	58	0.36
3.25	16	19	40	16	27	64	43	110	89	75	0.63
4.75	19	22	46	19	31	76	51	129	103	89	1.01
6.5	22	25	52	22	36	83	58	144	119	102	1.50
8.5	25	28	59	25	43	95	68	164	137	118	2.21
9.5	28	32	66	28	47	108	75	185	153	131	3.16
12	32	35	72	32	51	115	83	201	170	147	4.31
13.5	35	38	80	35	57	133	92	227	186	162	5.55
17	38	42	88	38	60	146	99	249	203	175	7.43
25	45	50	103	45	74	178	126	300	243	216	12.84

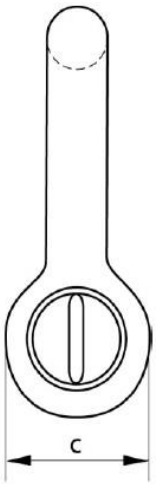
Dimensions are accurate for Green Pin shackles, please allow +/- 1mm for other manufacturers

STANDARD DEE SHACKLES

TECHNICAL COMPLIANCE	GREEN PIN	GEORGE TAYLOR	XONA
GRADE/MATERIAL	Grade 6 – high tensile steel	Grade 6 – high tensile steel	Grade 6 – high tensile steel
STANDARD	EN 13889 and meets performance requirements of US Fed. Spec RR-C 271	EN 13889 and meets performance requirements of US Fed. Spec RR-C 271	US Fed. Spec RR-C 271
SAFETY FACTOR	MBL = 6 x WLL	MBL = 6 x WLL	MBL = 6 x WLL
FINISH	Hot dipped galvanised	Hot dipped galvanised	Hot dipped galvanised
PIN COLOUR	Green	Blue	Purple
TEMP RANGE	-40° to 200°	0° to 200°	-
CERTIFICATION	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	£
AVAILABILITY	Stocked by SHS	Usually next day delivery	Usually next day delivery

STANDARD DEE SHACKLES





Note – pin colour will vary depending on manufacturer, see previous page

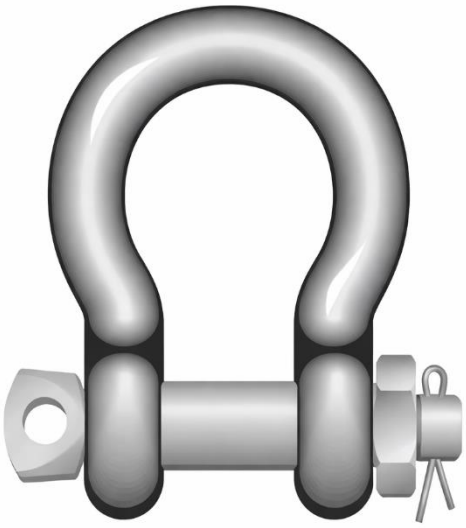
Working Load Limit	Bow Dia	Pin Dia	Eye Dia	Width Eye	Width Inside	Length Inside	Length	Length Bolt	Weight Each
Tonnes	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	Kg
0.33	5	6	12	5	9.5	19	33	29.5	0.02
0.5	7	8	16.5	7	12	22	41.5	38	0.05
0.75	9	10	20	9	13.5	26	50	46.5	0.09
1	10	11	22.5	10	17	32	59	54	0.14
1.5	11	13	26.5	11	19	37	68	59.5	0.19
2	13.5	16	34	13	22	43	81	73	0.32
3.25	16	19	40	16	27	51	97	89	0.54
4.75	19	22	46	19	31	59	112	103	0.87
6.5	22	25	52	22	36	73	134	119	1.34
8.5	25	28	59	25	43	85	154	137	2.08
9.5	28	32	66	28	47	90	167	153	2.77
12	32	35	72	32	51	94	180	170	3.72
13.5	35	38	80	35	57	115	209	186	5.14
17	38	42	88	38	60	127	230	203	6.85
25	45	50	103	45	74	149	271	243	11.45

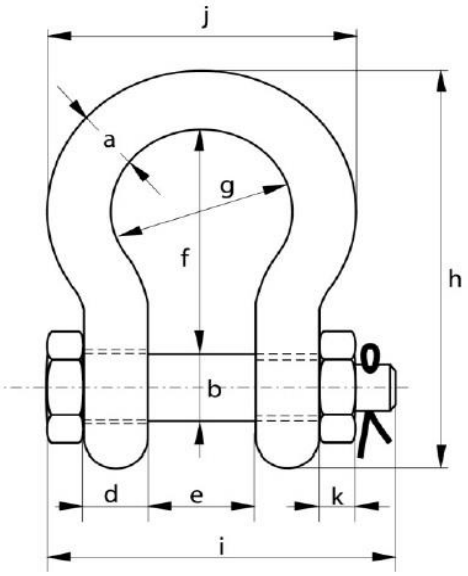
Dimensions are accurate for Green Pin shackles, please allow +/- 1mm for other manufacturers

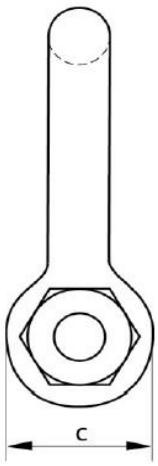
SAFETY PIN BOW SHACKLES

TECHNICAL COMPLIANCE	GREEN PIN	GEORGE TAYLOR	XONA
GRADE/MATERIAL	Grade 6 – high tensile steel	Grade 6 – high tensile steel	Grade 6 – high tensile steel
STANDARD	EN 13889, ASME B30.26 and meets performance requirements of US Fed Spec. RR-C-271 Type IVA Class 3, Grade A	EN 13889 and meets performance requirements of US Fed. Spec RR-C 271	US Fed. Spec RR-C 271
SAFETY FACTOR	MBL = 6 x WLL	MBL = 6 x WLL	MBL = 6 x WLL
FINISH	Hot dipped galvanised	Hot dipped galvanised	Hot dipped galvanised
PIN COLOUR	Green	Blue	Purple
TEMP RANGE	-40° to 200°	0° to 200°	-
CERTIFICATION	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	£
AVAILABILITY	Stocked by SHS	Usually next day delivery	Usually next day delivery

SAFETY PIN BOW SHACKLES







Note – pin colour will vary depending on manufacturer, see previous page

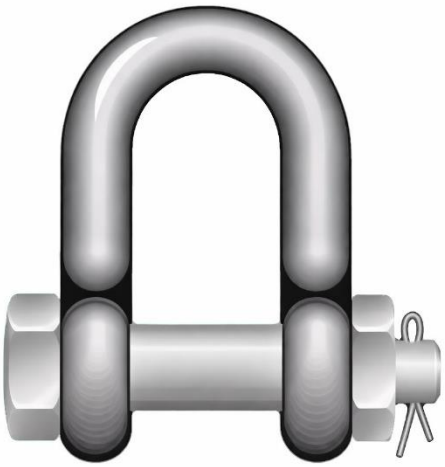
Working Load Limit	Bow Dia	Pin Dia	Eye Dia	Width Eye	Width Inside	Length Inside	Width Bow	Length	Length Bolt	Width Bow	Width	Weight Each
Tonnes	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	k mm	Kg
0.5	7	8	16.5	7	12	29	20	48.5	42	34	4	0.06
0.75	9	10	20	9	13.5	32	22	56	50	40	5	0.11
1	10	11	22.5	10	17	36.5	26	63.5	60	45	8	0.16
1.5	11	13	26.5	11	19	43	29	74	67	51	11	0.22
2	13.5	16	34	13.5	22	51	32	89	82	58	13	0.42
3.25	16	19	40	16	27	64	43	110	98	75	17	0.74
4.75	19	22	46	19	31	76	51	129	114	89	19	1.18
6.5	22	25	52	22	36	83	58	144	130	102	22	1.77
8.5	25	28	59	25	43	95	68	164	150	118	25	2.58
9.5	28	32	66	28	47	108	75	185	166	131	27	3.66
12	32	35	72	32	51	115	83	201	178	147	30	4.91
13.5	35	38	80	35	57	133	92	227	197	162	33	6.54
17	38	42	88	38	60	146	99	249	202	175	19	8.19
25	45	50	103	45	74	178	126	300	249	216	23	14.22
35	50	57	111	50	83	197	138	331	269	238	26	19.85

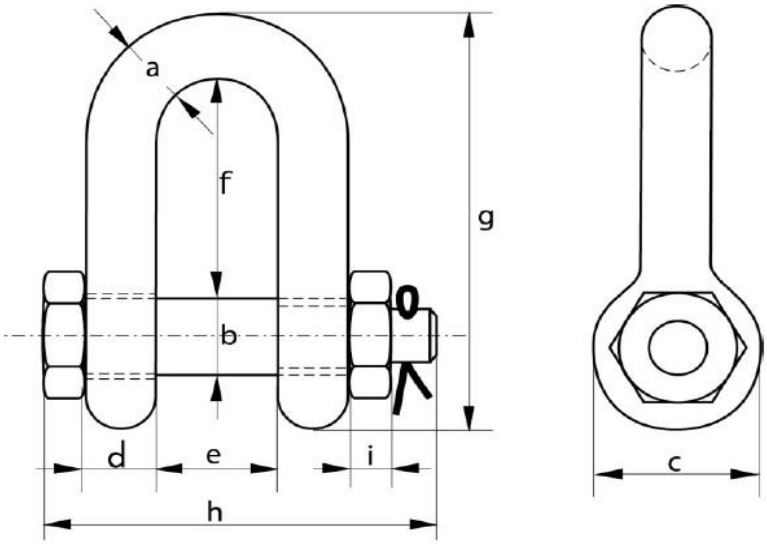
Dimensions are accurate for Green Pin shackles, please allow +/- 1mm for other manufacturers

SAFETY PIN DEE SHACKLES

TECHNICAL COMPLIANCE	GREEN PIN	GEORGE TAYLOR	XONA
GRADE/MATERIAL	Grade 6 – high tensile steel	Grade 6 – high tensile steel	Grade 6 – high tensile steel
STANDARD	EN 13889, ASME B30.26 and meets performance requirements of US Fed Spec. RR-C-271 Type IVA Class 3, Grade A	EN 13889 and meets performance requirements of US Fed. Spec RR-C 271	US Fed. Spec RR-C 271
SAFETY FACTOR	MBL = 6 x WLL	MBL = 6 x WLL	MBL = 6 x WLL
FINISH	Hot dipped galvanised	Hot dipped galvanised	Hot dipped galvanised
PIN COLOUR	Green	Blue	Purple
TEMP RANGE	-40° to 200°	0° to 200°	-
CERTIFICATION	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	£
AVAILABILITY	Stocked by SHS	Usually next day delivery	Usually next day delivery

SAFETY PIN DEE SHACKLES



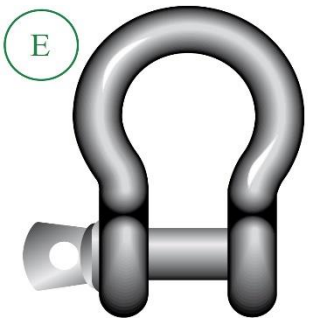


Note – pin colour will vary depending on manufacturer, see previous page

Working Load Limit	Bow Dia	Pin Dia	Eye Dia	Width Eye	Width Inside	Length Inside	Length	Length Bolt	Width Nut	Weight Each
Tonnes	a mm	b mm	c mm	d mm	e mm	f mm	g mm	H mm	i mm	Kg
2	13.5	16	34	13	22	43	81	82	13	0.39
3.25	16	19	40	16	27	51	97	98	17	0.67
4.75	19	22	46	19	31	59	112	114	19	1.08
6.5	22	25	52	22	36	73	134	130	22	1.66
8.5	25	28	59	25	43	85	154	150	25	2.46
9.5	28	32	66	28	47	90	167	166	27	3.40
12	32	35	72	32	51	94	180	178	30	4.50
13.5	35	38	80	35	57	115	209	197	33	6.10
17	38	42	88	38	60	127	230	202	19	7.63
25	45	50	103	45	74	149	271	249	23	13.25
35	50	57	111	50	83	171	305	269	26	18.53

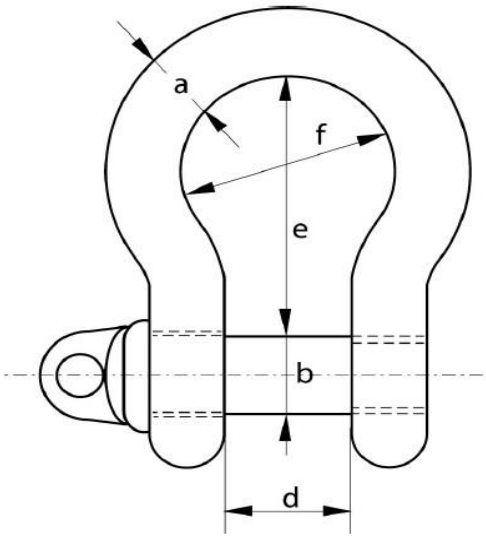
Dimensions are accurate for Green Pin shackles, please allow +/- 1mm for other manufacturers

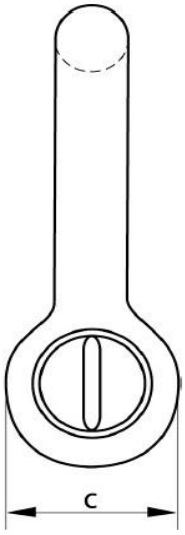
BRITISH STANDARD LARGE BOW SHACKLES



TECHNICAL COMPLIANCE	BRIERLEY QUALITY	BRIERLEY ECONOMY	GEORGE TAYLOR
GRADE/MATERIAL	EN14 or equal	High tensile steel	High tensile steel
STANDARD	Generally to BS3032 table 3 – 1958	Meets SWL requirements of BS3032 table 3 - 1958	Meets SWL requirements of BS3032 table 3 - 1958
SAFETY FACTOR	MBL = 5 x WLL	MBL = 5 x WLL	MBL = 4 x WLL
FINISH	Self colour or hot dipped galvanised	Self colour	Self colour or hot dipped galvanised
CERTIFICATION	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	£
AVAILABILITY	Stocked by SHS	Usually next day delivery	Usually next day delivery

BRITISH STANDARD LARGE BOW SHACKLES





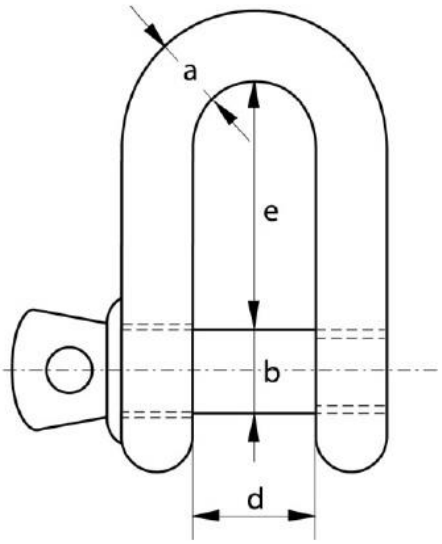
Working Load Limit	Bow Dia	Pin Dia	Eye Dia	Width Inside	Length Inside	Width Bow	Weight Each
Tons	a mm	b mm	c mm	d mm	e inch	f inch	Kg
0.15	7.5	10	19	13	29	19	0.18
0.45	10	13	25	16	41	25	0.18
0.75	13	16	32	22	54	32	0.34
1.25	16	19	38	29	70	41	0.65
2.00	20	22	44	35	86	51	1.08
2.75	22	25	51	41	98	57	1.80
3.75	25	28	57	44	108	64	2.46
4.75	28	32	64	51	124	73	3.47
5.75	32	35	70	57	137	83	4.56
7.25	36	38	76	63	152	89	6.07
8.5	38	44	88	70	168	98	8.35
9.5	41	48	95	76	187	112	11.81
11.5	45	51	102	86	206	121	14.32

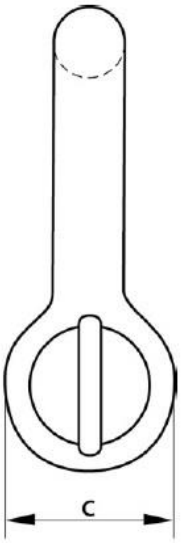
Dimensions are accurate for George Taylor shackles, please allow +/- 1mm for other manufacturers

BRITISH STANDARD LARGE DEE SHACKLES

TECHNICAL COMPLIANCE	BRIERLEY QUALITY	BRIERLEY ECONOMY	GEORGE TAYLOR
GRADE/MATERIAL	EN14 or equal	High tensile steel	High tensile steel
STANDARD	Generally to BS3032 table 3 – 1958	Meets SWL requirements of BS3032 table 3 - 1958	Meets SWL requirements of BS3032 table 3 - 1958
SAFETY FACTOR	MBL = 5 x WLL	MBL = 5 x WLL	MBL = 4 x WLL
FINISH	Self colour or hot dipped galvanised	Self colour	Self colour or hot dipped galvanised
CERTIFICATION	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	£
AVAILABILITY	Stocked by SHS	Usually next day delivery	Usually next day delivery

BRITISH STANDARD LARGE DEE SHACKLES





Working Load Limit	Bow Dia	Pin Dia	Eye Dia	Width Inside	Length Inside	Weight Each
Tons	a mm	b mm	c mm	d mm	e mm	Kg
0.25	7.5	10	19	12	25	0.1
0.50	10	13	25	20	37	0.12
0.75	13	16	32	28.5	54	0.29
1.50	16	19	38	32	63	0.57
2.00	20	22	44	38	73	0.92
3.00	22	25	51	44	82	1.59
3.75	25	28	57	51	95	2.12
5.00	28	32	64	54	104	3.18
6.00	32	35	70	60	114	4.54
7.00	36	38	76	66	127	6.06
9.50	38	44	88	70	137	8.74
11.25	41	48	95	76	146	11
13	45	51	102	83	156	12.5

Dimensions are accurate for George Taylor shackles, please allow +/- 1mm for other manufacturers

ADDITIONAL SHACKLES INFORMATION ON REQUEST

SMALL SHACKLES

PILING SHACKLES

MOORING SHACKLES

BIG MOUTH® SHACKLES

FISHING SHACKLES

COMMERCIAL SHACKLES

STAINLESS STEEL SHACKLES

BLUE PIN SHACKLES

DIN SHACKLES

CHAIN SLINGS

We supply chain slings and components from four approved manufacturers, providing customers with flexibility in brand selection while maintaining full compliance with industry standards and certification requirements.

KWB
Safety in action

"Through ongoing development and expansion, our lifting product range has become an advanced and high-performing portfolio, tailored to meet the growing global demand for high quality lifting equipment"

pewag

"The drive for quality and the pursuit of excellence has become our Pewag standard.

The quality standard and our extensive service are the foundation of our success"

William Hackett

"Safety is critical in everything that we do.

We've built our technical expertise and continued to evolve, innovating to improve the safety and longevity of our products"

DUKE™

"We specialise in high-quality industrial lifting equipment.

Both grade 8 and grade 10 chain systems have become a recognised brand of quality"

CHOOSING THE CORRECT CHAIN SLING

Chain slings are heavy-duty lifting equipment used for lifting and moving loads safely.

NUMBER OF LEGS

- Single leg – used for straight vertical lifts
- Multi-Leg – 2,3 or 4 legs, used for lifting larger equipment at an angle to spread the load evenly

CHAIN DIAMETER

- Most common diameters are 7, 8, 10, 13 & 16mm
- The weight of the load you are lifting will determine the diameter of chain required
- Refer to Working Load Limit chart overpage

LENGTH

- Take into consideration the headroom you have between your load and attachment point
- The headroom and length of chains will determine the angle at which your chains are being used which may affect the WLL
- Shortening clutches are available to allow you to adjust the length of your chain sling to suit the load you are lifting

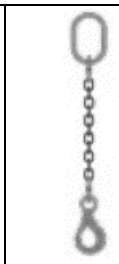
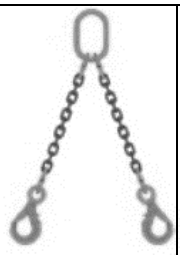
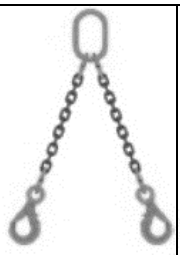
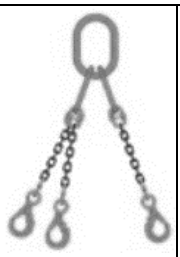
END TERMINATIONS

- Most common end terminations on chain slings are self-locking (safety) or sling (latch) hooks
- Ensure your end termination will be suitable for attaching your chain sling to your load

CHAIN SLING

WORKING LOAD LIMITS

GRADE 8 CHAIN SLINGS

WORKING LOAD LIMITS (TONNE)							
Chain Dia mm	**Single Leg Sling**	**2-Leg Sling 0-45°**	**2-Leg Sling 45-60°**	**3-Leg Sling 0-45°**	**3-Leg Sling 45-60°**	**4-Leg Sling 0-45°**	**4 Leg-Sling 45-60°**
6	1.12	1.60	1.12	2.36	1.70	2.36	1.70
7	1.50	2.12	1.50	3.15	2.24	3.15	2.24
8	2.00	2.80	2.00	4.25	3.00	4.25	3.00
10	3.15	4.25	3.15	6.70	4.75	6.70	4.75
13	5.30	7.50	5.30	11.20	8.00	11.20	8.00
16	8.00	11.20	8.00	17.00	11.80	17.00	11.80
19	11.20	16.00	11.20	23.60	17.00	23.60	17.00
22	15.00	21.20	15.00	31.50	22.40	31.50	22.40

GRADE 10 CHAIN SLINGS

WORKING LOAD LIMITS (TONNE)							
Chain Dia mm	**Single Leg Sling**	**2-Leg Sling 0-45°**	**2-Leg Sling 45-60°**	**3-Leg Sling 0-45°**	**3-Leg Sling 45-60°**	**4-Leg Sling 0-45°**	**4 Leg-Sling 45-60°**
6	1.50	2.10	1.50	3.10	2.20	3.10	2.20
7	1.95	2.70	1.95	4.00	2.90	4.00	2.90
8	2.50	3.50	2.50	5.20	3.70	5.20	3.70
10	4.00	5.60	4.00	8.40	6.00	8.40	6.00
13	6.70	9.50	6.80	14.20	10.20	14.20	10.20
16	10.00	14.10	10.00	21.00	15.00	21.00	15.00
20	16.00	22.50	16.00	33.60	24.00	33.60	24.00
22	20.00	28.20	20.00	42.00	30.00	42.00	30.00

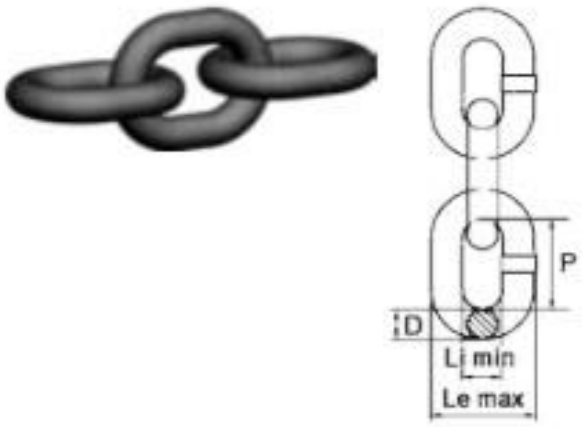
CHAIN SLING MANUFACTURER TECHNICAL COMPLIANCE

TECHNICAL COMPLIANCE	KWB	PEWAG	WILLIAM HACKETT	WILLIAM HACKETT	DUKE
GRADE	8 (G80)	10 (G100)	8 (G80)	10 (G100)	8 (G80)
STANDARD	EN818-2	EN818-2	EN818-2	ASTM A973/A973 M	EN818-2
CHAIN DIA RANGE	6mm – 32mm	5mm – 32mm	7mm – 32mm	6mm – 32mm	6mm- 32mm
TEMPERATURE RANGE	-40° to 400°	-40° to 380°	-40° to 200°	-40° to 200°	-40° to 200°
FINISH	Alloy Steel – painted black	Alloy Steel – painted blue	Alloy Steel – painted black	Alloy Steel – painted blue	Alloy Steel – painted black
COMPONENT COLOUR	Red	Orange	Yellow	Blue	Red
CERTIFICATION	Supplied	Supplied	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	£££	££	££	£
AVAILABILITY	Stocked by SHS	1 – 2 Days	Stocked by SHS	1 – 2 Days	1 – 2 Days

GRADE 8 CHAIN & COMPONENTS

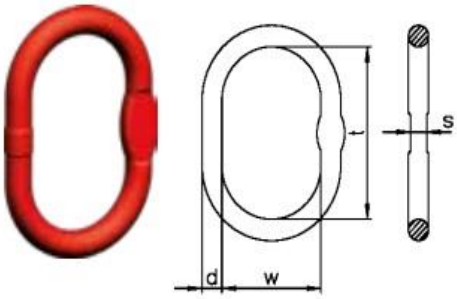
Grade	Standard	Dia Range	Temp Range	Chain Finish	Colour	Certs	Insp Period	Cost Level	Availability
8	EN818-2	6 - 32mm	-40° to 400°	Alloy Steel	Red	✓	6 monthly	£££	Stocked by SHS

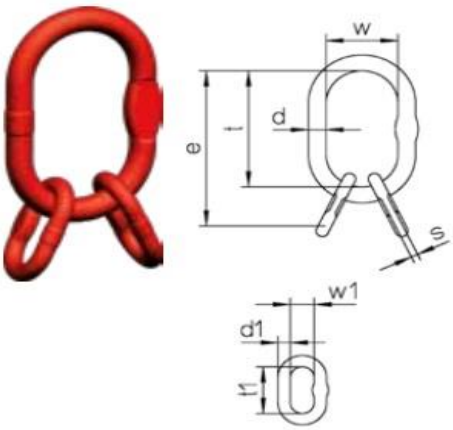
Technical data below shows size range 7mm – 16mm – please contact us for alternative sizing



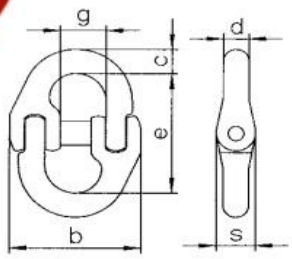
D (chain) mm	P mm	Li/min mm	Le/max mm	Weight Kg/per m	WLL kg	Breaking Load kN
7	21	9.1	25.9	1.1	1500	61.6
8	24	10.4	29.6	1.4	2000	80.4
10	30	13	37	2.2	3150	126
13	39	16.9	48.1	3.8	5300	212
16	48	20.8	59.2	5.7	8000	322

Single Master Link A – for use with single leg & 2 leg chain slings						
Chain mm 1 leg	Chain mm 2 leg	d mm	t mm	w mm	s mm	WLL kg
6 & 7	6	13	110	60	10	2300
8	7	16.5	110	60	14	3500
10	8	19	135	75	14	5000
13	10	23	160	90	17	7600
16	13	27	180	100	20	9600



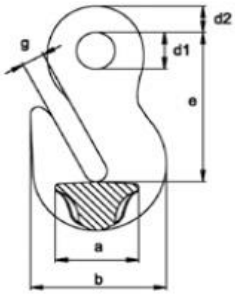


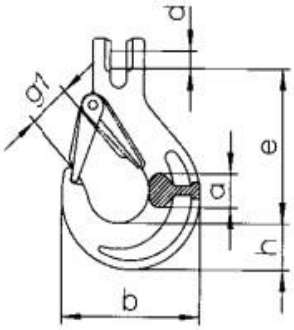
Quad Master Link G – for use with 3 & 4 leg chain slings									
Chain mm 3 & 4 leg	d mm	t mm	w mm	d1 mm	t1 mm	w1 mm	s mm	e mm	WLL kg
6 & 7	19	135	75	13	60	38	10	195	4200
8	23	160	90	16.5	70	34	14	230	7600
10	27	180	100	19.5	85	40	14	265	9600
13	33	200	110	23	115	50	17	315	13780
16	36	260	140	27	140	65	20	400	20800



Coupling Link V – to connect master link/hooks to chain links							
Chain mm	g mm	s mm	b mm	e mm	c mm	d mm	WLL kg
7	17	13	47	51	10	9	150
8	18.35	14	55	62	11.5	10	2000
10	24	18	64	72	15	13	3150
13	27.6	22	79	88	19	16.7	5300
16	33	29	106	103	21	21	8000

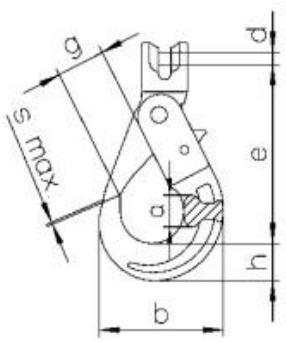
Eyed Grab Hook P – shortening clutch used to adjust length of chain sling							
Chain mm	g mm	d2 mm	d1 mm	e mm	a mm	b mm	WLL kg
7 & 8	9	12	16	65	34	55	2000
10	12	14	20	77	46	69	3150
13	15	19	26	101	60	89	5300
16	19	23	32	121	70	110	8000





Clevis Latch Hook HKS – end termination for chain sling							
Chain mm	g1 mm	a mm	h mm	d mm	e mm	b mm	WLL kg
7 & 8	26	19	28	9	95	90	2000
10	31	25	35	12.5	109	108	3150
13	39	34	41	16	136	131	5300
16	45	37	49	20	155	153	8000

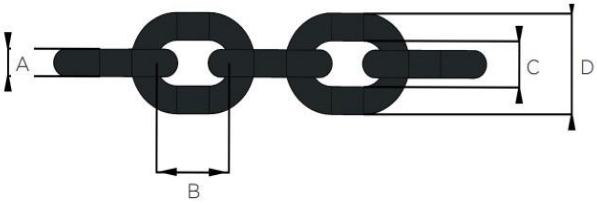
Clevis Safety Hook HKSB – end termination for chain sling							
Chain mm	g mm	d mm	e mm	a mm	b mm	h mm	WLL kg
7 & 8	34	9	123	20	88	26	2000
10	45	12.5	144	29	107	30	3150
13	52	16	180	35	138	40	5300
16	60	20	218	41	168	50	8000



GRADE 8 CHAIN & COMPONENTS

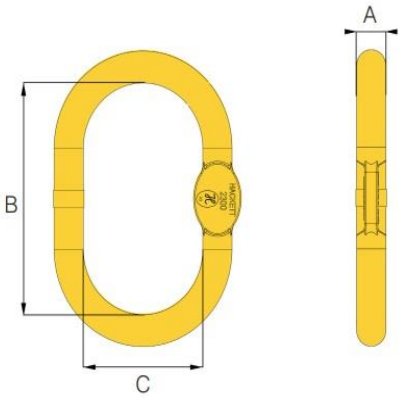
Grade	Standard	Dia Range	Temp Range	Chain Finish	Colour	Certs	Insp Period	Cost Level	Availability
8	EN818-2	7 - 32mm	-40° to 200°	Alloy Steel	Yellow	✓	6 monthly	££	Stocked by SHS

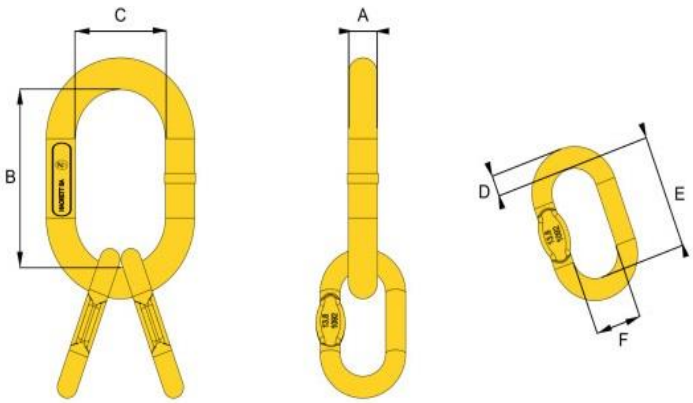
Technical data below shows size range 7mm – 16mm – please contact us for alternative sizing



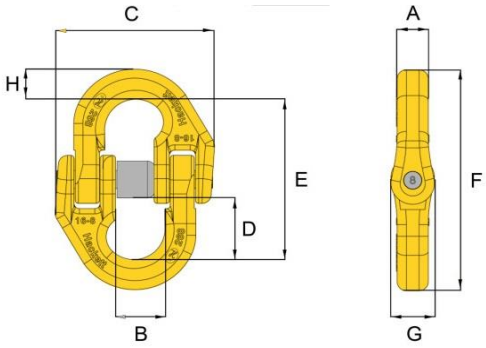
A (chain) mm	B mm	C mm (min)	D mm (max)	Weight Kg/per m	WLL Tonne
7	21	9.1	25.9	1.1	1.5
8	24	10.4	29.6	1.5	2
10	30	13	37	2.2	3.15
13	39	16.9	48.1	3.8	5.3
16	48	20.8	59.2	5.8	8

Single Master Link – for use with single leg & 2 leg chain slings					
Chain mm 1 leg	Chain mm 2 leg	A mm	B mm	C mm	WLL tonne
7 & 8	6	16	110	60	2.12
10	7&8	18	135	75	3.15
13	10	22	160	90	5.3
16	13	26	180	100	8



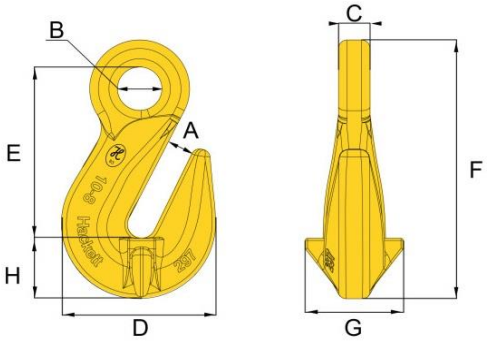


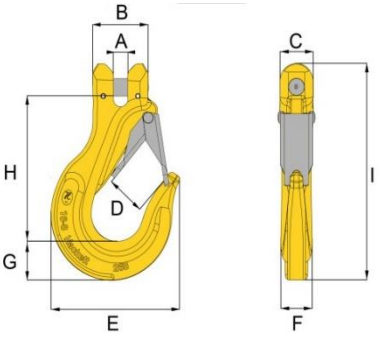
Quad Master Link – for use with 3 & 4 leg chain slings							
Chain mm 3 & 4 leg	A mm	B mm	C mm	D mm	E mm	F mm	WLL Tonne
7 & 8	22	160	90	16	70	34	4.25
10	26	180	100	18	85	40	6.7
13	32	200	110	22	115	50	11.2
16	36	260	140	26	140	65	17



Coupling Link – to connect master link/hooks to chain links									
Chain mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	WLL tonne
7 & 8	8.8	20.5	55	23.8	60.5	79.5	14.8	9	2
10	11.5	26	69	26	68	95	17.8	12	3.15
13	15	30	86.6	32	87	117	25	15	5.3
16	19.8	35	103	39.8	104	148	30	19.8	8

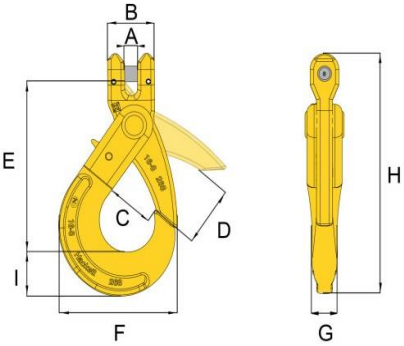
Eyed Grab Hook – shortening clutch used to adjust length of chain sling									
Chain mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	WLL tonne
7 & 8	10.8	18	9.5	53	60	93	30.5	21.5	2
10	13	20.5	14	71	79.8	122	46	29	3.15
13	16.5	26	16	95	99.7	158	57.5	42.8	5.3
16	19	30.5	20	105	106	169	72	44.5	8





Clevis Latch Hook (sling) – end termination for chain sling										
Chain mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	WLL tonne
7 & 8	9	33	20	27	86	20	24.8	98.7	140	2
10	12	44	25.5	33	103	24	30	121	174	3.15
13	15	57	34	40	133	38	38	147	213	5.3
16	18.5	67	41.5	44	151	41	41	166	242	8

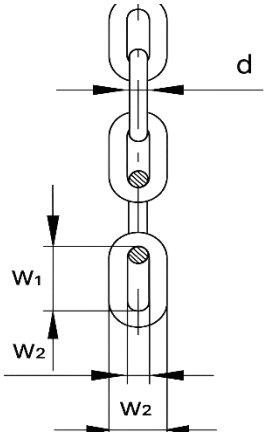
Clevis Safety Hook (self locking) – end termination for chain sling										
Chain mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	WLL tonne
7 & 8	9.5	33	35.8	39	119	91	20	161	26	2
10	12.5	46	45	48	142	108	26	195	30	3.15
13	15	59	52.5	60	179	142	33	245	40	5.3
16	18.5	68	63.3	68.9	224	168	38	304	50.5	8



GRADE 8 CHAIN & COMPONENTS

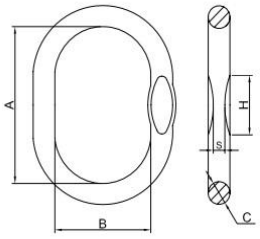
Grade	Standard	Dia Range	Temp Range	Chain Finish	Colour	Certs	Insp Period	Cost Level	Availability
8	EN818-2	6 - 32mm	-40° to 200°	Alloy Steel	Red	✓	6 monthly	£	1 – 2 days

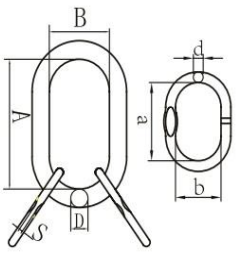
Technical data below shows size range 7mm – 16mm – please contact us for alternative sizing



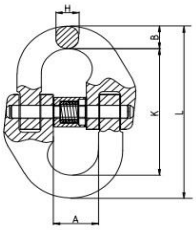
d (chain) mm	W1 mm (min)	W2 mm (max)	Pitch mm	Weight Kg/per m	Tensile Load (kn)	WLL tonne
7	9.1	25.9	21	1.12	61.6	1.5
8	10.4	29.6	24	1.44	80.4	2
10	13	37	30	2.31	126	3.15
13	16.9	48.1	39	3.8	212	5.3
16	20.8	59.2	48	5.85	322	8

Single Master Link – for use with single leg & 2 leg chain slings						
Chain mm 1 leg	Chain mm 2 leg	A mm	B mm	C mm	S x H	WLL tonne
7	6	110	60	13	7x25	1.6
8	7	110	60	16	7x25	2.12
10	8	135	75	18	8x28	3.15
13	10	160	90	22	11x35	5.3
16	13	180	100	26	13x43	8



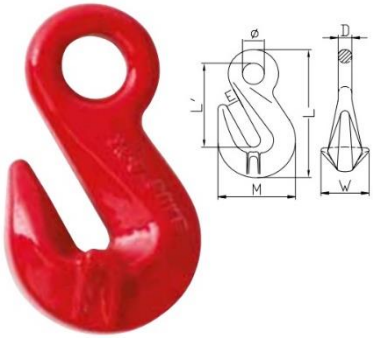


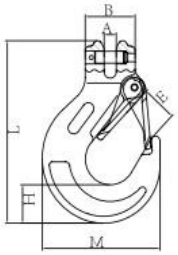
Quad Master Link – for use with 3 & 4 leg chain slings								
Chain Mm 3 & 4 leg	A mm	B mm	D mm	a mm	b mm	d mm	s mm	WLL tonne
7	135	75	18	60	38	13	7	3.15
8	160	90	22	70	34	16	8	4.25
10	180	100	26	85	40	18	11	6.7
13	200	110	32	115	50	22	13	11.2
16	260	140	36	140	65	26	17	17



Coupling Link – to connect master link/hooks to chain links						
Chain mm	A mm	B mm	L mm	K mm	H mm	WLL tonne
7 & 8	18	9.5	79.5	60.5	8.5	2
10	25	12	90.5	68	11.5	3.15
13	29	15	117	87	15	5.3
16	34.5	19.8	148	108	19.8	8

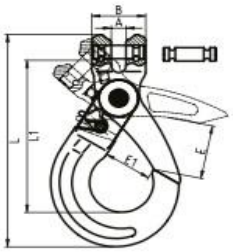
Eyed Grab Hook – shortening clutch used to adjust length of chain sling								
Chain mm	E	⌀	L'	L	M	W	D	WLL kg
7 & 8	11	17.5	61.5	93	53	30.5	9.5	2000
10	13	20.5	80	122	71	46	13	3150
13	16.5	26	99.7	158	96	57.5	15.5	5300
16	19	30.5	106.5	169	113	72	19	8000





Clevis Latch Hook (sling) – end termination for chain sling							
Chain mm	A mm	B mm	E mm	H mm	M mm	L Mm	WLL tonne
7 & 8	9.5	38.5	24	25	85.5	129	2
10	13	48	28	36	106	163	3.15
13	16.5	55	34.5	41.6	130	196	5.3
16	18.5	65.5	43	46.2	155	236	8

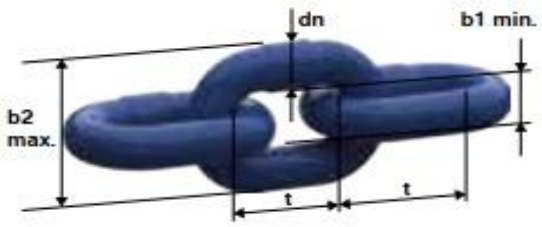
Clevis Safety Hook (self locking) – end termination for chain sling							
Chain mm	A mm	B mm	E mm	E1 mm	L1 mm	L Mm	WLL tonne
7 & 8	9.5	38.5	39	35.8	119.3	161.8	2
10	12.5	46	48	45	142	195	3.15
13	15	59	65	52.5	179	249	5.3
16	18.5	77	65	63.3	224.8	310	8



GRADE 10 CHAIN & COMPONENTS

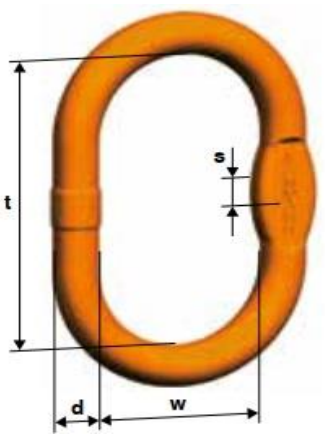
Grade	Standard	Dia Range	Temp Range	Chain Finish	Colour	Certs	Insp Period	Cost Level	Availability
10	EN818-2	5 - 32mm	-40° to 380°	Alloy Steel	Orange	✓	6 monthly	£££	1 – 2 days

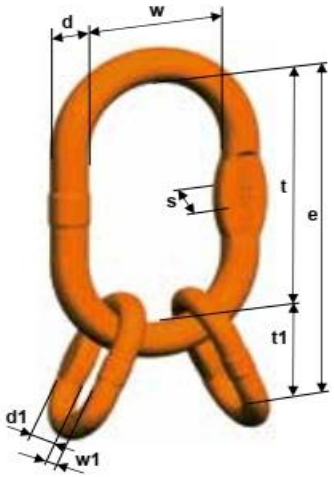
Technical data below shows size range 7mm – 16mm – please contact us for alternative sizing



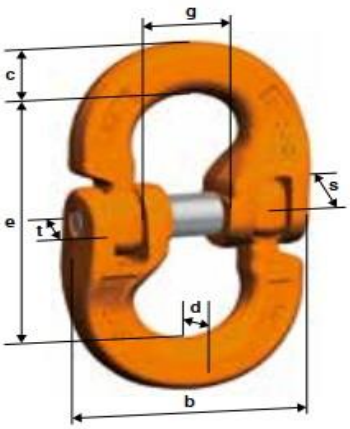
dn (chain) mm	t mm	b1 mm (min)	b2 mm (max)	Weight Kg/per m	Breaking Force (kn)	WLL kgs
7	21	9.5	25.2	1.2	77	1900
8	24	10.9	28.8	1.57	101	2500
10	30	13.5	36	2.46	157	4000
13	39	17.7	46.4	4.05	268	6700
16	48	21.5	57.6	6.28	402	10000

Single Master Link – for use with single leg & 2 leg chain slings						
Chain mm 1 leg	Chain mm 2 leg	d mm	t mm	w mm	s mm	WLL kgs
6 & 7	6	13	110	60	10	2300
8	7	16	110	60	14	3500
10	8	19	135	75	14	5000
13	10	23	160	90	17	7600
16	13	27	180	100	20	10000



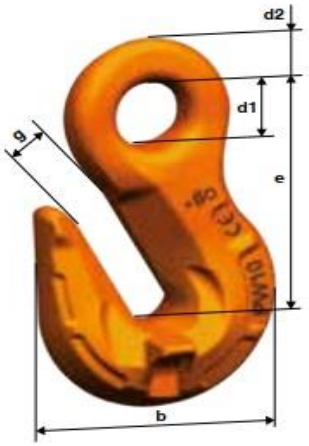


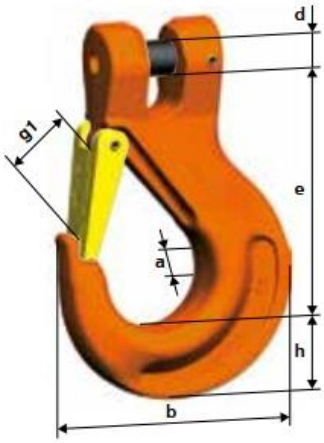
Quad Master Link – for use with 3 & 4 leg chain slings									
Chain mm 3 & 4 leg	e mm	d mm	t mm	w mm	s mm	d1 mm	t1 mm	w1 mm	WLL kgs
7 & 8	230	23	160	90	17	17	70	34	7600
10	265	27	180	100	20	20	85	40	9600
13	315	33	200	110	26	23	115	50	14000
16	400	36	260	140	29	27	140	65	21200



Coupling Link – to connect master link/hooks to chain links								
Chain mm	e mm	c mm	s mm	t mm	d mm	b mm	g mm	WLL kgs
7	53	10	13	16	9	46	17	1900
8	62	12	14	20	10	55	19	2500
10	72	15	18	22	13	64	24	4000
13	88	20	22	26	17	79	28	6700
16	112	24	29	35	20	105	34	10000

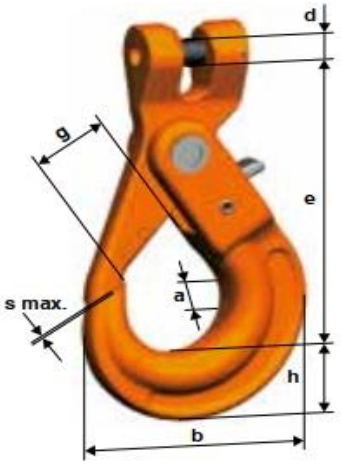
Eyed Grab Hook – shortening clutch used to adjust length of chain sling						
Chain mm	e mm	b mm	d1 mm	d2 mm	g mm	WLL kgs
7 & 8	65	57	16	12	9	2500
10	77	77	20	14	12	4000
13	101	92	26	19	15	6700
16	121	113	32	23	19	10000





Clevis Latch Hook (sling) – end termination for chain sling							
Chain mm	e mm	h mm	a mm	d mm	g1 mm	b mm	WLL kgs
7	95	28	19	9	26	90	1900
8	95	28	19	10	26	90	2500
10	109	35	25	12.5	31	108	4000
13	136	41	34	16	39	131	6700
16	155	49	37	20	45	153	10000

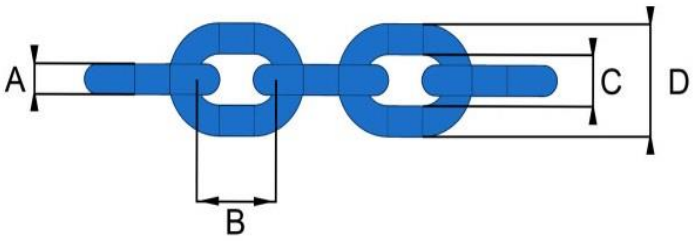
Clevis Safety Hook (self locking) – end termination for chain sling								
Chain mm	e mm	h mm	a mm	b mm	d mm	g mm	s (max) mm	WLL kgs
7	123	26	20	88	9	34	1	1900
8	123	26	20	88	10	34	1	2500
10	144	30	29	107	12.5	45	1	4000
13	180	40	35	138	16	52	1.5	6700
16	218	50	41	168	20	60	2	10000



GRADE 10 CHAIN & COMPONENTS

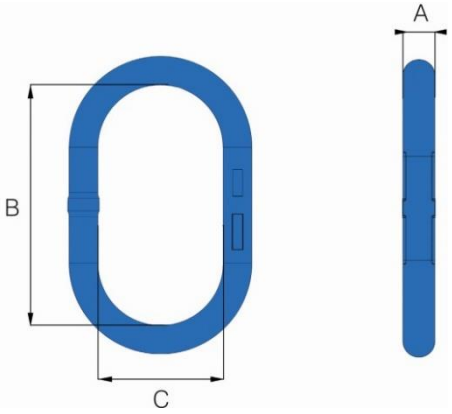
Grade	Standard	Dia Range	Temp Range	Chain Finish	Colour	Certs	Insp Period	Cost Level	Availability
10	ASTM A973/A973M	6 - 32mm	-40° to 380°	Alloy Steel	Blue	✓	6 monthly	££	1 – 2 days

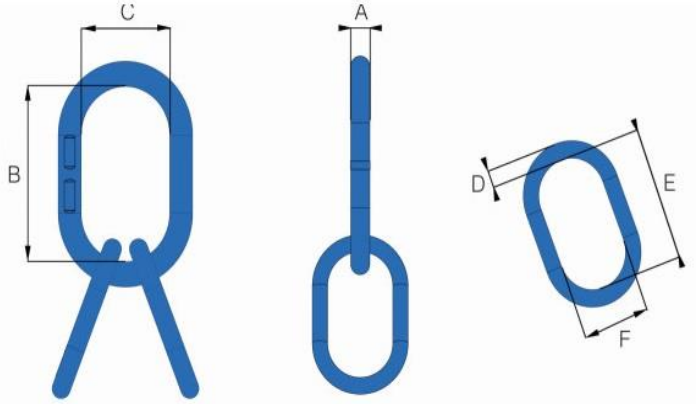
Technical data below shows size range 7mm – 16mm – please contact us for alternative sizing



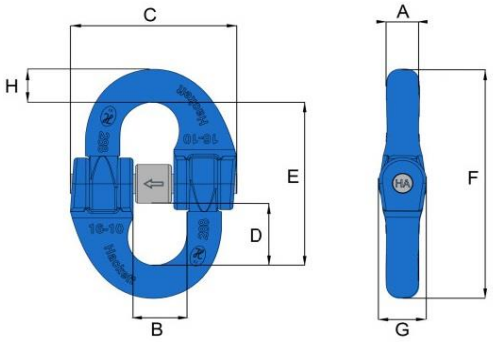
A (chain) mm	B mm	C mm (min)	D mm (max)	Weight Kg/per m	WLL Tonne
6	18	9.1	25.9	0.8	1.4
8	24	10.4	29.6	1.51	2.5
10	30	13	37	2.35	4
13	39	16.9	48.1	3.99	6.7
16	48	20.8	59.2	5.99	10

Single Master Link – for use with single leg & 2 leg chain slings					
Chain mm 1 leg	Chain mm 2 leg	A mm	B mm	C mm	WLL tonne
6/7/8	6	14.5	125	60	2.8
10	7/8	16	150	75	4.2
13	10	22	162	90	6.7
16	13	28	200	110	11.8



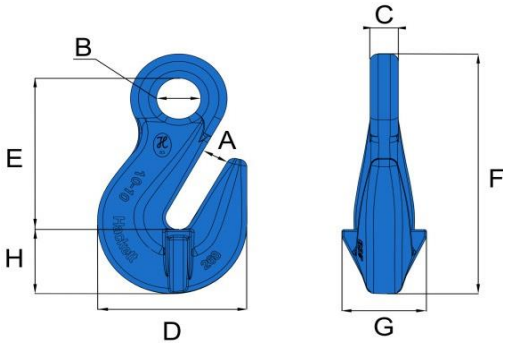


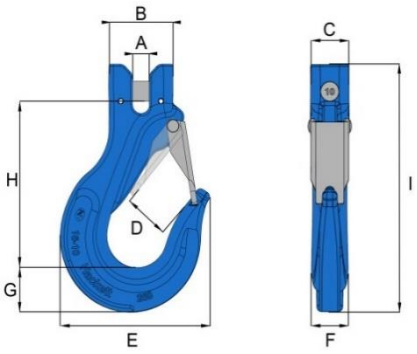
Quad Master Link – for use with 3 & 4 leg chain slings							
Chain mm 3 & 4 leg	A mm	B mm	C mm	D mm	E mm	F mm	WLL tonne
7 & 8	22	162	90	16	150	75	5.3
10	28	200	110	22	162	90	8.4
13	32	270	140	22	162	90	14
16	36	270	140	28	200	100	21



Coupling Link – to connect master link/hooks to chain links									
Chain mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	WLL tonne
8	10	18.5	53	24	63	84	14	10.5	2.5
10	12.6	23	64	28	71	97	18	12.8	4
13	16.5	28	81	34	92.5	126	23	16.6	6.7
16	20	33.5	103	39	106	145	30	20.8	10

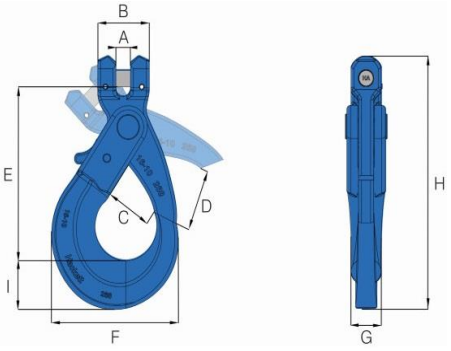
Eyed Grab Hook – shortening clutch used to adjust length of chain sling									
Chain mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	WLL tonne
8	11	17.5	9.5	53	61	93	33.5	22	2.5
10	13.5	22	14	74	85	129	42	31	4
13	17	27	18.5	96	104	166	53.5	47.5	6.7
16	19	36	22	116	119	186	74	48	10



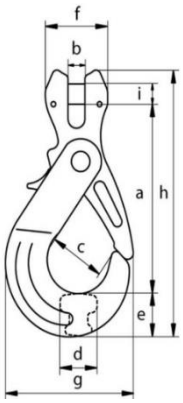


Clevis Latch Hook (sling) – end termination for chain sling										
Chain mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	WLL tonne
8	9	35	23	27	85	20	25	99.3	140	2.5
10	12	44	25.5	33	103	24	28	121	174	4
13	15	57	34	40	133	38	38	147	213	6.7
16	18.5	67	41.5	44	161	41.5	41	166	245	10

Clevis Safety Hook (self locking) – end termination for chain sling										
Chain mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	WLL tonne
8	9.5	36	36	40	121	90	20	163	27	2.5
10	12	46	45	46	144	108	26	194	30	4
13	15	59	53.6	66	182	137	32.5	251	41	6.7
16	18.5	70	61	75	220	168	38	303	51	10

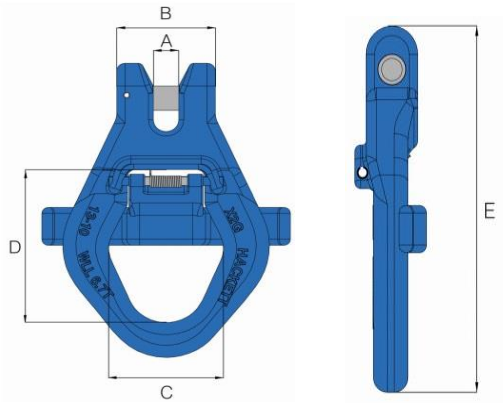


SKIP CHAIN HOOKS



Green Pin Excel Skip Hooks										
Chain mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	WLL tonne
7/8	85	9	32	17	25	32	77	136	9	2
10	116	12	43	24	29	42	92	168	13	3.2
13	153	15	47	32	34	54	111	218	16	5.4
16	166	19	62	37	46	66	142	247	20	8.2

William Hackett Clevis Skip Hook						
Chain mm	A mm	B mm	C mm	D mm	E mm	WLL tonne
13	15.5	60	71.5	104	195	5.3



CHAIN IDENTIFICATION

STAR TAG

All of our newly supplied chain slings will as standard come with a metal star shaped chain tag attached. On this tag you will be able to find – the chain identification number, the diameter and grade of chain used and the Working Load Limit of the chain sling.

EasiTags & Cable Ties

We can colour code all lifting equipment using either cable ties or EasiTags. Customers use the colour coding system to keep track of what equipment has been inspected within a certain time period. This helps to prevent the use of overdue or uninspected equipment, especially in busy or high-risk environments.

EasiTags have space for our engineer to write the identification number, the SWL of the equipment and the next inspection due date making safety checks fast, clear and hard to miss.

POLYESTER SLINGS

We supply polyester slings from four approved manufacturers, providing customers with flexibility in brand selection while maintaining full compliance with industry standards and certification requirements.

"We produce both standard and bespoke solutions, made to order and built for safety critical applications. Our in-house manufacturing allows us to maintain strict quality control, offer fast turnaround and respond quickly"

"We have built a strong reputation over the past 30+ years as a trusted manufacturer of webbing slings, round slings & ratchet systems"

"Founded in 1960, we are steadily growing and evolving to become a renowned name for supplying a range of lifting solutions"

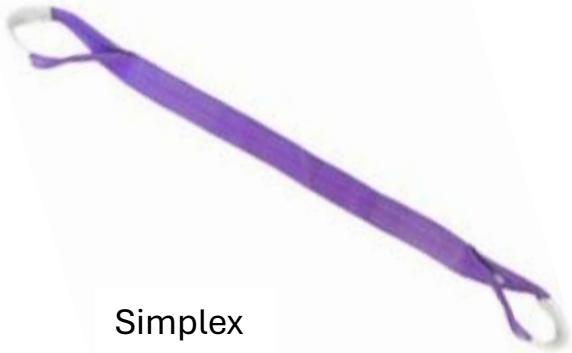
"Manufactured by George Taylor & Company

Fully committed to supply products of high quality and to give a first class Customer Service, GT has established itself as a Premier UK brand"

POLYESTER SLING MANUFACTURER TECHNICAL COMPLIANCE

TECHNICAL COMPLIANCE	Trans-web	AWL	Lift King	Miller Weblift
WLL RANGE – BELT SLINGS	0.5 tonne - 30 tonne	0.5 tonne – 21 tonne	1 tonne – 20 tonne	0.5 tonne – 12 tonne
WLL RANGE – ROUND SLINGS	0.5 tonne – 125 tonne	0.5 tonne – 150 tonne	1 tonne – 20 tonne	1 tonne – 120 tonne
STANDARD – BELT SLING	BS EN 1492-1:2000 + A1:2008	BS EN 1492-1:2000 + A1:2008	BS EN 1492-1	BS EN 1492-1
STANDARD – ROUND SLINGS	BS EN 1492-2:2000+ A1:2008	BS EN 1492-2:2000+ A1:2008	BS EN 1492-2	BS EN 1492-2
SAFETY FACTOR	MBL = 7:1	MBL = 7:1	MBL = 7:1	MBL = 7:1
CERTIFICATION	Supplied	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	££	£
AVAILABILITY	1 – 2 Days	Stocked by SHS	1 – 2 Days	Stocked by SHS

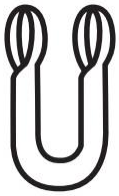
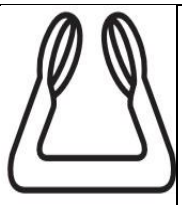
SIMPLEX & DUPLEX SLINGS



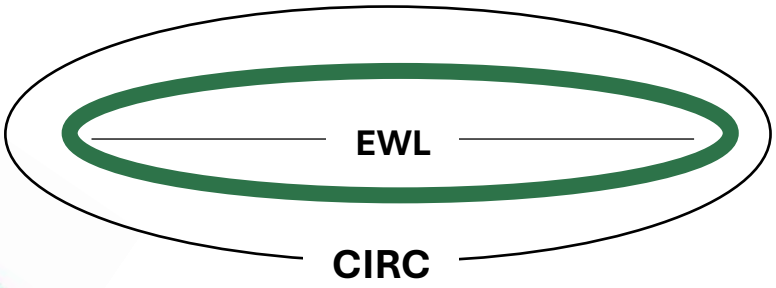
Simplex

Duplex

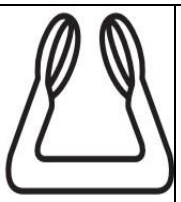
TECHNICAL COMPLIANCE	SIMPLEX	DUPLEX	TECHNICAL COMPLIANCE	SIMPLEX	DUPLEX
LAYERS	1	2	**FLEXABILITY**	High	Moderate
STRENGTH	Lower	Higher	**DURABILITY**	Moderate	High
LOAD CAPACITY	Lower	Higher	**TYPICAL USE**	Light-Duty Lifting	Heavy Duty Lifting
WEIGHT	Lighter	Heavier	**SERVICE LIFE**	Lower	Higher

SIMPLEX	DUPLEX							
Width mm	**Width mm**	**Colour**	**Vertical SWL tonnes**	**Chocker SWL tonnes**	**Basket 0° SWL tonnes**	**Basket 45° SWL tonnes**	**Basket 90° SWL tonnes**	**Basket 120° SWL tonnes**
50	**30**		**1.00**	**0.80**	**2.00**	**1.80**	**1.40**	**1.00**
100	**60**		**2.00**	**1.60**	**4.00**	**3.60**	**2.80**	**2.00**
150	**90**		**3.00**	**2.40**	**6.00**	**5.40**	**4.20**	**3.00**
200	**120**		**4.00**	**3.20**	**8.00**	**7.20**	**5.60**	**4.00**
250	**150**		**5.00**	**4.00**	**10.00**	**9.00**	**7.00**	**5.00**
300	**180**		**6.00**	**4.80**	**12.00**	**10.80**	**8.40**	**6.00**
-	**240**		**8.00**	**6.40**	**16.00**	**14.40**	**11.20**	**8.00**
-	**300**		**10.00**	**8.00**	**20.00**	**18.00**	**14.00**	**10.00**
-	**300**		**12.00**	**9.60**	**24.00**	**21.60**	**16.80**	**12.00**

ENDLESS ROUND SLINGS



TECHNICAL COMPLIANCE	ROUND SLING	WEB BELT SLING	TECHNICAL COMPLIANCE	ROUND SLING	WEB BELT SLING
CONSTRUCTION	Continuous yarn core inside with protective sleeve	Flat woven webbing with reinforced eyes	**SURFACE PROTECTION**	Excellent – soft, conforms to load	Good – flat contact spreads load
SHAPE	Circular	Flat	**CUT RESISTANCE**	Low	Low-Moderate
FLEXABILITY	Very High	High	**ABRASION RESISTANCE**	Moderate	Moderate
LOAD DISTRIBUTION	Excellent	Moderate	**TYPICAL USE**	Pipes, cylinders, delicate/finished surfaces	General lifting – pallets, flat loads

SIMPLEX	DUPLEX							
Width Mm	**Width mm**	**Colour**	**Vertical SWL tones**	**Chocker SWL tones**	**Basket 0° SWL tones**	**Basket 45° SWL tones**	**Basket 90° SWL tones**	**Basket 120° SWL tones**
50	**30**		**1.00**	**0.80**	**2.00**	**1.80**	**1.40**	**1.00**
100	**60**		**2.00**	**1.60**	**4.00**	**3.60**	**2.80**	**2.00**
150	**90**		**3.00**	**2.40**	**6.00**	**5.40**	**4.20**	**3.00**
200	**120**		**4.00**	**3.20**	**8.00**	**7.20**	**5.60**	**4.00**
250	**150**		**5.00**	**4.00**	**10.00**	**9.00**	**7.00**	**5.00**
300	**180**		**6.00**	**4.80**	**12.00**	**10.80**	**8.40**	**6.00**
-	**240**		**8.00**	**6.40**	**16.00**	**14.40**	**11.20**	**8.00**
-	**300**		**10.00**	**8.00**	**20.00**	**18.00**	**14.00**	**10.00**
-	**300**		**12.00**	**9.60**	**24.00**	**21.60**	**16.80**	**12.00**

SPECIAL PURPOSE POLYESTER SLINGS & EXTRAS

Protective Wear Sleeves

Protective wear sleeves can be added to both belt slings and round slings to shield the sling from damage during lifting operations. They act as a sacrificial barrier between the sling and the load or environment to reduce/prevent damage to the sling.

Multi-Leg Polyester Lifting Sling

A multi-leg polyester lifting sling is used to lift and stabilise loads using two or more attachment points at the same time. Instead of a single sling, it has 2, 3 or 4 legs connected to a master link, allowing you to spread the load and keep it balanced during a lift.

Boat Lifting Sling

Multi-eye polyester boat lifting slings are specifically designed slings used in marinas and boatyards to lift, support and position boats safely, typically used with a travel hoist.

Their defining feature is the presence of multi reinforced loops (eyes) along the sling which allows flexible and precise positioning under the hull of the boat.

LASHING SYSTEMS

We supply lashing systems from approved manufacturers; whether you prefer to use lashing ratchet assemblies or lashing chains, we have got you covered.

RATCHET RESTRAINT ASSEMBLIES

50mm Wide Ratchet Assembly

Minimum Break Strength

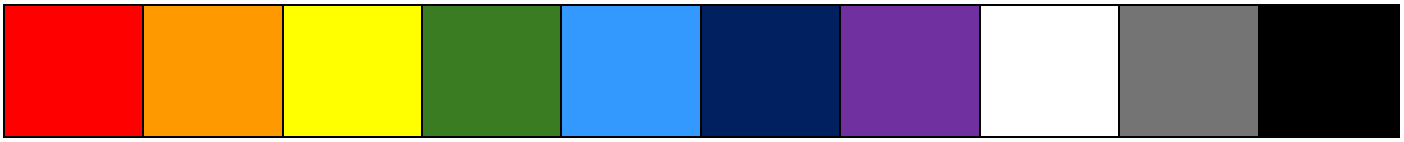
Endless – 10 tonne

2 Part – 5 tonne

Rated Assembly Strength

Endless – 5 tonne

2 Part – 2.5 tonne



75mm Wide Ratchet Assembly

Minimum Break Strength

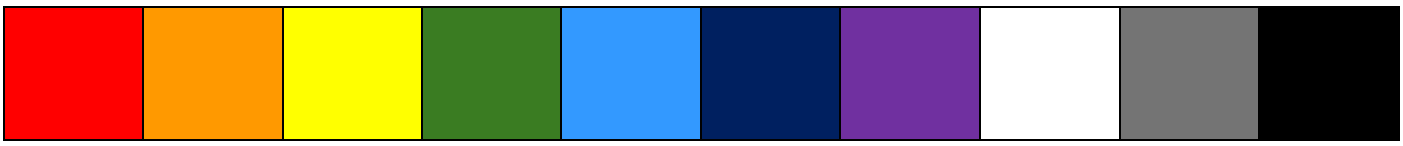
Endless – 20 tonne

2 Part – 10 tonne

Rated Assembly Strength

Endless – 10 tonne

2 Part – 5 tonne



LASHING PROTECTION

Plastic corner protection for ratchet straps up to 100mm wide

Available in black or white

0.8m Heavy duty plastic corner protector

800mm long x 180mm x 140mm

Plastic corner protection for ratchet straps up to 50mm wide

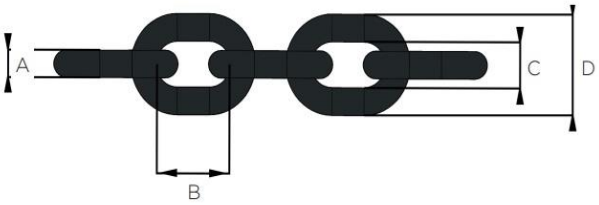
Heavy duty plastic corner protection for ratchet straps up to 50mm wide

More durable and rigid than standard plastic corner protection

William Hackett LASHING CHAINS

Grade	Standard	Dia Range	Temp Range	Chain Finish	Colour	Certs	Insp Period	Cost Level	Availability
8	EN818-2	7 - 32mm	-40° to 200°	Alloy Steel	Yellow	✓	6 monthly	££	Stocked by SHS

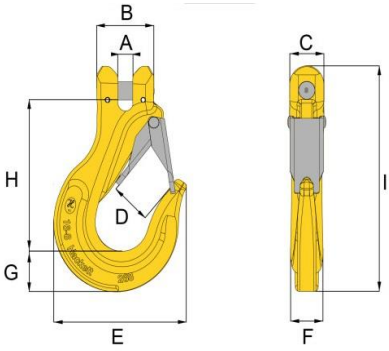
Technical data below shows size range 8mm – 13mm – please contact us for alternative sizing

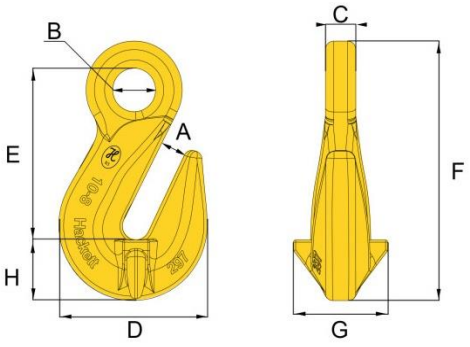


A (chain) mm	B mm	C mm (min)	D mm (max)	Weight Kg/per m	Lashing Capacity kN
8	24	10.4	29.6	1.5	40
10	30	13	37	2.2	63
13	39	16.9	48.1	3.8	100

Clevis Latch Hook (sling) – end termination for lashing chain

Chain mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	WLL tonne
7 & 8	9	33	20	27	86	20	24.8	98.7	140	2
10	12	44	25.5	33	103	24	30	121	174	3.15
13	15	57	34	40	133	38	38	147	213	5.3



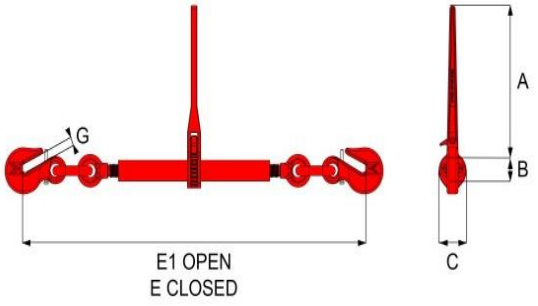


Eyed Grab Hook – end terminating for lashing chain

Chain mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	WLL tonne
7 & 8	10.8	18	9.5	53	60	93	30.5	21.5	2
10	13	20.5	14	71	79.8	122	46	29	3.15
13	16.5	26	16	95	99.7	158	57.5	42.8	5.3

Ratchet Loadbinder – used for tensioning lashing chains

Chain mm	A mm	B mm	C mm	E (closed) mm	E1 (open) mm	G mm	Lashing Capacity kN
8	355.5	33	66	605	808	12	40
10	355.5	33	66	606	809	15.6	63
13	355.5	33	66	659	862	19.5	100



WIRE ROPE SLINGS

With our in-house wire rope swaging machines and stock of wire rope, we have the ability to make wire rope slings to order here in our workshop.

CHOOSING THE CORRECT WIRE ROPE SLINGS

A wire rope sling is a type of lifting sling made from steel wire rope, used to lift, move, and secure heavy loads in industrial and construction environments.

NUMBER OF LEGS

- Single leg sling for simple lifts with one lifting attachment point
- 2-4 leg slings for a balanced lift with 2 or more attachment points

DIAMETER OF WIRE

- The weight of the load you are lifting and at which angle will determine the diameter of wire required
- Refer to Working Load Limit chart overpage

LENGTH

- Take into consideration the headroom you have between your load and attachment point
- The headroom and length of sling will determine the angle that your chains are being used which may affect the WLL

ROPE CONSTRUCTION

- No of strands x No of wires in strand
- The higher no of wires in the strand will make the wire more flexible but less resistant to abrasion

Example – 6x19 less flexible but tougher for rough use
6x36 more flexible but less resistant for wear

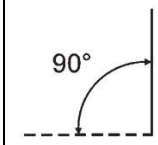
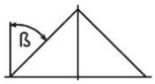
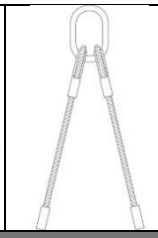
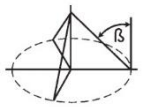
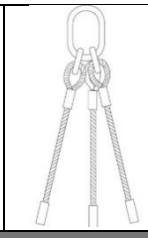
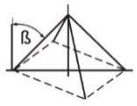
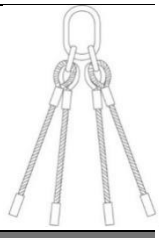
END TERMINATION

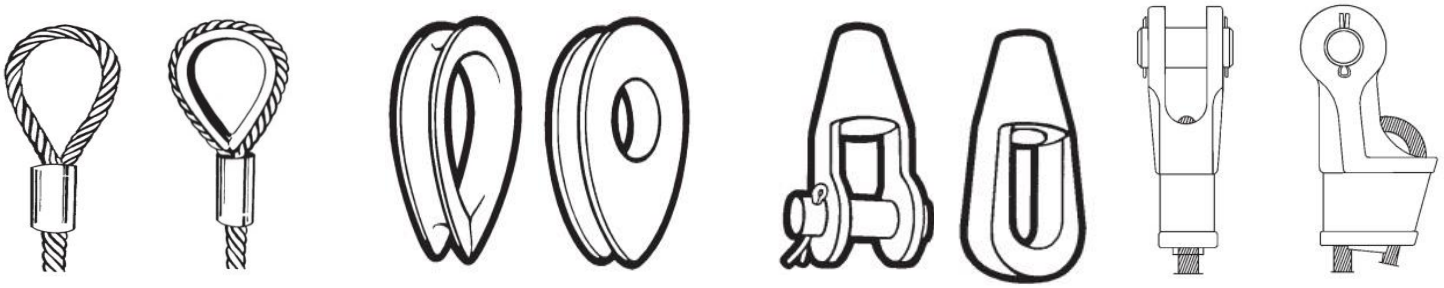
- Soft or hard eye
- With or without fittings e.g. hooks
- Sockets or swaged ends
- Ensure your end fitting suits crane/lifting attachment

WIRE ROPE SLINGS

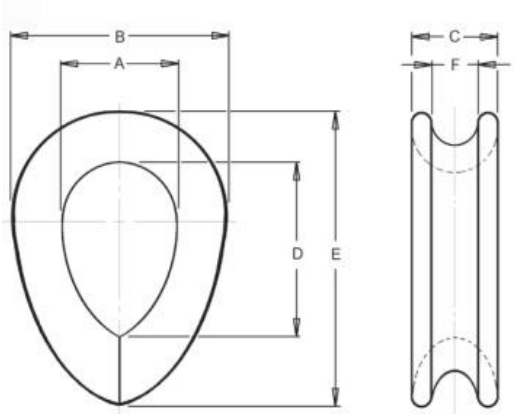
2mm -28mm wire rope is stocked in our workshop in either galvanised or stainless steel and all wire rope slings are made to order

Sizes out with our stock can be ordered in from manufacturer

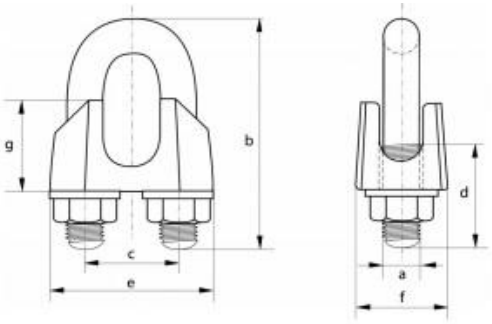
WORKING LOAD LIMITS TONNE								
Wire Dia mm	**Single Leg Sling**		**2-Leg Sling 0-45**		**3-Leg Sling 0-45°**		**4-Leg Sling 0-45°**	
	Wire Core	**Fibre Core**	**Wire Core**	**Fibre Core**	**Wire Core**	**Fibre Core**	**Wire Core**	**Fibre Core**
8	**0.82**	**0.76**	**1.1**	**1.0**	**1.7**	**1.6**	**1.7**	**1.6**
10	**1.3**	**1.2**	**1.8**	**1.7**	**2.7**	**2.5**	**2.7**	**2.5**
13	**2.1**	**2.0**	**2.9**	**2.8**	**4.4**	**4.2**	**4.4**	**4.2**
16	**3.3**	**3.0**	**4.6**	**4.2**	**6.9**	**6.3**	**6.9**	**6.3**
19	**4.6**	**4.3**	**6.4**	**6.0**	**9.6**	**9.0**	**9.6**	**9.0**
22	**6.2**	**5.7**	**8.7**	**8.0**	**13.0**	**11.9**	**13.0**	**11.9**
24	**7.4**	**6.8**	**10.3**	**9.5**	**15.5**	**14.3**	**15.5**	**14.3**
28	**10.0**	**9.3**	**14.0**	**13.0**	**21.0**	**19.5**	**21.0**	**19.5**
32	**13.1**	**12.1**	**18.3**	**16.9**	**27.5**	**25.4**	**27.5**	**25.4**
36	**16.6**	**15.4**	**23.2**	**21.5**	**34.8**	**32.3**	**34.8**	**32.3**



Standard Hard Eye Dimensions						
Wire mm	**A mm**	**B mm**	**C (min) mm**	**D mm**	**E mm**	**F (min) mm**
6	20	35	11.5	31	48	7.5
8	22	38	12.7	33	54	7.9
10	25	48	14.3	38	64	10.3
13	32	59	20.6	44	79	14.3
16	41	75	22.2	59	98	15.9
19	51	92	28.6	73	124	20.6
22	57	102	31.8	83	133	22.2
28	76	133	38.1	111	178	28.6



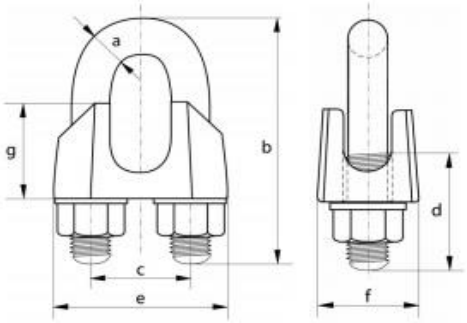
WIRE ROPE GRIPS



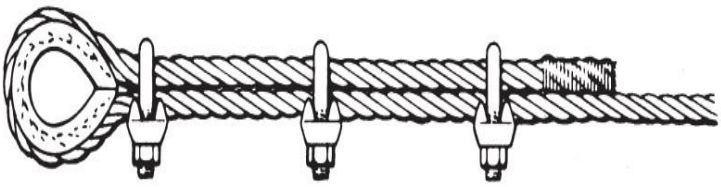
Commercial

Dia Wire Rope	Dia a	Length Bow b	Width Inside c	Length Thread d	Length Base e	Thickness Base f	Height Base g
mm	mm	mm	mm	mm	mm	mm	mm
3	4	20	9	12	21	10	10
5	5	24	11	13	23	11	10
6	5	28	13	15	26	12	11
8	6	34	16	19	30	14	15
10	8	42	19	22	34	18	17
11	8	44	20	22	36	19	18
13	10	55	24	30	42	23	21
14	10	57	25	30	44	23	22
16	12	63	29	33	50	26	26
19	12	75	32	38	54	29	30
22	14	85	37	44	61	33	34

Dia Wire Rope	Dia a	Length Bow b	Width Inside c	Length Thread d	Length Base e	Thickness Base f	Height Base g
mm	mm	mm	mm	mm	mm	mm	mm
5	5	25	12	14	25	13	13
6.5	6	32	14	17	30	16	14
8	8	41	18	20	39	20	18
10	8	46	20	24	40	20	21
12	10	56	24	28	50	25	24
13	12	64	29	29	55	28	29
14	12	66	28	31	59	30	28
16	14	76	34	35	64	32	35
19	14	83	37	36	68	33	40
22	16	96	41	40	74	34	44
26	20	111	46	50	84	38	51

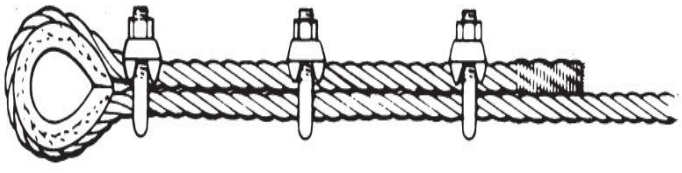


DIN
(Heavy Duty)



Correct way to apply grips

SAFE



Incorrect way to apply grips

UNSAFE

LIFTING EYES

We supply a wide range of different lifting eyes from different manufacturers to suit your lifting needs and your budget.

BLT BRIERLEY LIFTING TACKLE

"Our Quality range is available to satisfy the quality concerns of companies throughout the world who insist on the best and who require that bit extra than just 'product' to do the job"

GT

"We support our network of global customers with first class technical support and service, that always endeavours to exceed expectations"

William Hackett

"Safety is critical in everything that we do.

We've built our technical expertise and continued to evolve, innovating to improve the safety and longevity of our products"

DUKE™

"We specialise in high-quality industrial lifting equipment.

Both grade 8 and grade 10 chain systems have become a recognised brand of quality"

RUD®

"We supply over 700 Lifting & Lashing points for bolting and welding, covering an impressive working load capacity range of 0.6-250 tonnes.

Our products are used across a wide range of industry sectors"

CHOOSING THE CORRECT LIFTING EYE

A lifting eye is a load-rated attachment point that allows you to safely connect lifting equipment.

LOADINGS & ANGLES

- Ensure your eyebolt is load rated for lifting and rated high enough to suit your lift, including the weight of your load and the weight of your slings/rigging used to lift.
- If your load is angled at all ensure you are using the correct eyebolt to suit the angle you are lifting at.

DYNAMO EYEBOLTS

- Standardised to DIN 580
- Designed mainly for vertical lifts at 0°
- No visible collar

COLLARED EYEBOLTS

- Standardised to DIN 580 or BS EN ISO 3266
- Can be used for angled lifts, reduction in WLL as lifting angle increases.
- Visible collar that should sit flush against load surface

SWIVEL HOIST RINGS

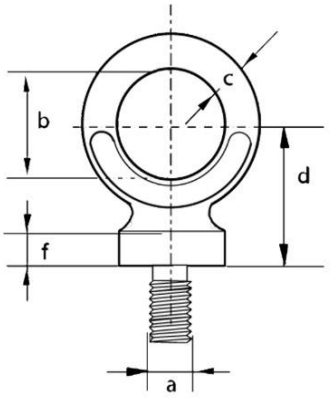
- Standardised to EN ISO 1677
- Can rotate 360° and pivot 180° to follow load angle
- Rated for angled lifts without reduction in WLL

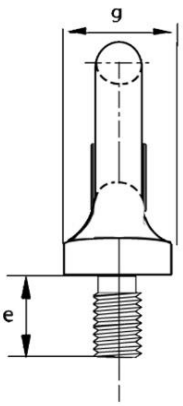
DYNAMO EYEBOLTS

TECHNICAL COMPLIANCE	BRIERLEY	GEORGE TAYLOR
MATERIAL	High Tensile Steel	High Tensile Steel
STANDARD	BS 4278	BS 4278
FINISH	Self Colour or Zinc Plated	Self Colour or Zinc Plated
LIFTING APPLICATIONS	Vertical Lifts Only	Vertical Lifting Only
CERTIFICATION	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly
COST LEVEL	£££	££
AVAILABILITY	Stocked by SHS	Usually next day delivery

DYNAMO EYEBOLTS

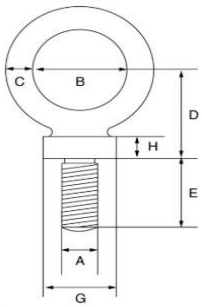
BLT BRIERLEY LIFTING TACKLE





Working Load Limit	Dia Thread	Dia Eye Inside	Dia Eye	Length Base to Centre	Thread Length	Base Height	Dia Base
tonne	a mm	b mm	c mm	d mm	e mm	f mm	g mm
0.10	6	22	9	27	18	5	17
0.15	8	22	9	27	18	5	17
0.25	10	22	9	27	18	5	17
0.32	12	22	9	27	18	5	17
0.50	14	29	11	34	23	6	23
0.63	16	29	11	34	23	6	23
1.25	20	40	15	47	32	9	32
2.00	24	51	19	60	40	12	40

GT



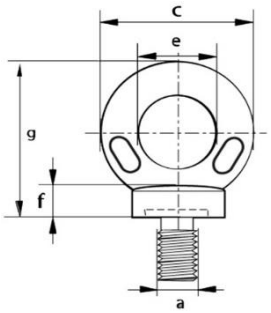
Working Load Limit	Dia Thread	Dia Eye Inside	Dia Eye	Length Base to Centre	Thread Length	Dia Base	Base Height
tonne	A mm	B mm	C mm	D mm	E mm	G mm	H mm
0.10	6	22	9	27	18	17	5
0.15	8	22	9	27	18.5	17	5
0.25	10	22	9	27	18.5	17	5
0.32	12	22	9	27	18.5	17	5
0.63	16	29	11	34	23.5	23	6
1.25	20	40	15	47	33	32	9
2.00	24	51	19	60	41	40	12
3.20	30	64	24	76	51	51	14

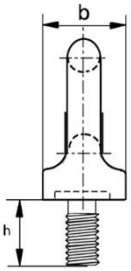
COLLARED EYEBOLTS

TECHNICAL COMPLIANCE	BRIERLEY QUALITY	BRIERLEY ECONOMY	GEORGE TAYLOR (COBRA)	DUKE
MATERIAL	EN14 material or equal	High Tensile Steel	Alloy Steel	High Tensile Steel
STANDARD	BS4278 – table 1 – 1984	DIN 580	DIN 580	AUR
SAFETY FACTOR	5 x WLL	AUR	4 x WLL	4 x WLL
FINISH	Self Colour or Zinc Plated	Self Colour	Red Painted	Red Painted
LIFTING APPLICATIONS	Angled Lifts with Limitations - Please consult manufacturer for angle loads WLL	Angled Lifts with Limitations - Please consult manufacturer for angle loads WLL	Angled Lifts with Limitations - Please consult manufacturer for angle loads WLL	Angled Lifts with Limitations - Please consult manufacturer for angle loads WLL
CERTIFICATION	Supplied	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	££	£
AVAILABILITY	Stocked by SHS	Usually next day delivery	Usually next day delivery	Usually next day delivery

COLLARED EYEBOLTS

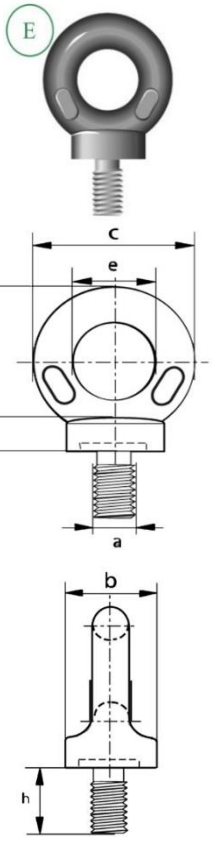
BRIERLEY LIFTING TACKLE





WLL tonne	a thread mm	b mm	c mm	e mm	f mm	g mm	h mm
0.10	6	22	33	15	7	36	18
0.15	8	22	33	15	7	36	18
0.25	10	22	33	15	7	36	18
0.40	12	22	33	15	7	36	18
0.50	14	29	44	20	10	48	23
0.80	16	29	44	20	10	48	23
1.00	18	36	52	24	12	58	28
1.60	20	40	59	27	14	65	32
1.60	22	45	64	30	14	73	35
2.5	24	52	77	35	17	84	40
2.5	26	58	85	39	20	94	46
4.00	28	65	96	44	22	106	51
4.00	33	72	106	48	24	117	56
6.30	36	81	118	54	27	131	63
6.30	39	81	118	54	27	131	63
8.00	42	101	148	68	34	164	79
8.00	45	101	148	68	34	164	79
10.00	48	101	148	68	34	164	79
12.50	52	115	168	76	38	186	89
16.00	56	128	188	86	43	208	100
20.00	64	144	212	96	48	234	112

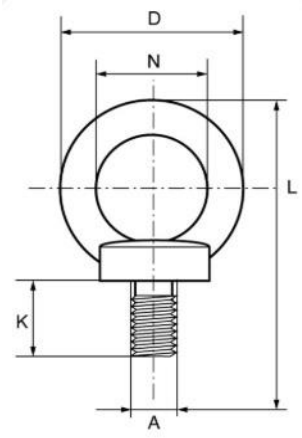
BRIERLEY LIFTING TACKLE



WLL tonne	a thread mm	b mm	c mm	e mm	f mm	g mm	h mm
0.10	6	22	33	15	7	36	18
0.15	8	22	33	15	7	36	18
0.25	10	22	33	15	7	36	18
0.40	12	22	33	15	7	36	18
0.50	14	29	44	20	10	48	23
0.80	16	29	44	20	10	48	23
1.00	18	36	52	24	12	58	28
1.60	20	40	59	27	14	65	32
1.60	22	45	64	30	14	73	35
2.5	24	52	77	35	17	84	40
4.00	28	65	96	44	22	106	51
6.30	36	81	118	54	27	131	63

COLLARED EYEBOLTS

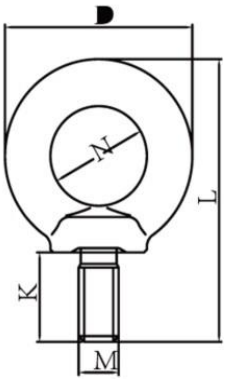
GT



WLL tonne	A thread mm	D mm	K mm	L mm	N mm
0.40	6	28	13	42	16
0.80	8	36	15	51	20
1.00	10	45	18	63	25
2.00	12	54	22	75	30
3.00	14	63	28	89.5	35
4.00	16	63	28	90	35
5.00	18	72	30	101	40
6.00	20	72	30	101	40
7.00	22	81	34.5	115.5	45
8.00	24	90	38	128	50
10.00	27	90	38	128	60
12.00	30	108	45	154	60
14.00	33	108	45	154	60
16.00	36	126	55	183	70
20.00	39	126	55	183	70
24.00	42	144	65	212	80
28.00	45	144	65	212	80
32.00	48	166	70	238	90
36.00	52	166.5	70	238	90
40.00	56	184	80	267	100
50.00	64	206	90	293	110

DUKE™

WLL tonne	M thread mm	D mm	K mm	N mm	L mm
0.40	6	28	13	16	42
0.80	8	36	15	20	51
1.00	10	45	18	25	63
2.00	12	54	22	30	75
4.00	16	63	28	35	90
6.00	20	72	30	40	101
8.00	24	90	38	50	128
12.00	30	108	45	60	154
16.00	36	126	55	70	183
24.00	42	144	65	80	212
32.00	48	166	70	90	238

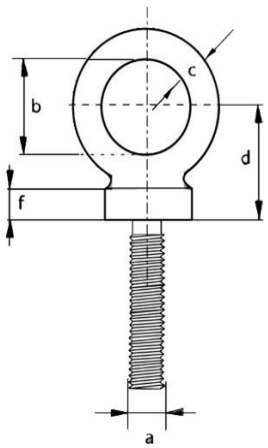


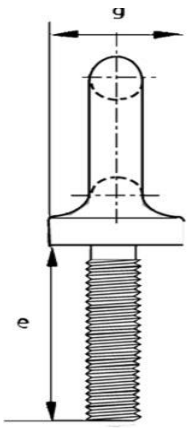
LONG SHANK DYNAMO EYEBOLTS

TECHNICAL COMPLIANCE	BRIERLEY	GEORGE TAYLOR
MATERIAL	High Tensile Steel	High Tensile Steel
STANDARD	BS 4278	BS 4278
FINISH	Self Colour or Zinc Plated	Self Colour or Electro Galvanised
LIFTING APPLICATIONS	Vertical Lifts Only	Vertical Lifting Only
CERTIFICATION	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly
COST LEVEL	£££	££
AVAILABILITY	Stocked by SHS	Usually next day delivery

LONG SHANK DYNAMO EYEBOLTS

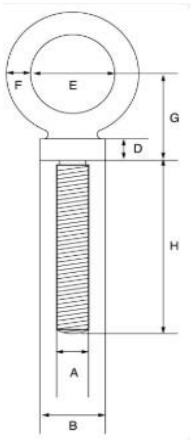
BLT BRIERLEY LIFTING TACKLE





Working Load Limit	Dia Thread	Dia Eye Inside	Dia Eye	Length Base to Centre	Thread Length	Base Height	Dia Base
tonne	a mm	b mm	c mm	d mm	e mm	f mm	g mm
0.15	8	22	9.5	27	100	6	19
0.25	10	22	9.5	27	100	6	19
0.32	12	29	11	35	100	8	25
0.63	16	32	13	41	114	9.5	29
1.25	20	41	16	54	127	11	35
2.00	24	51	19	64	127	13	41

GT



Working Load Limit	Dia Thread	Dia Eye Inside	Dia Eye	Length Base to Centre	Thread Length	Base Height	Dia Base
tonne	A mm	E mm	F mm	G mm	H mm	B mm	D mm
0.15	8	22	9.5	27	100	19	6
0.25	10	22	9.5	27	100	19	6
0.32	12	29	11	35	100	25	8
0.63	16	32	13	41	114	29	9.5
1.25	20	41	16	54	127	35	11
2.00	24	51	19	64	127	41	13

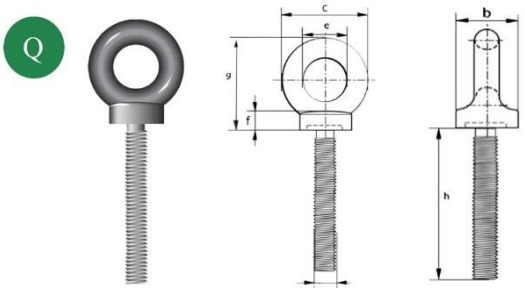
LONG SHANK COLLARED EYEBOLTS

TECHNICAL COMPLIANCE	BRIERLEY QUALITY	BRIERLEY ECONOMY	GEORGE TAYLOR
MATERIAL	EN14 material or equal	High Tensile Steel	Alloy Steel
STANDARD	BS 4278	BS 4278	BS 4278
SAFETY FACTOR	5 x WLL	5 x	5 x WLL
FINISH	Self Colour or Zinc Plated	Self Colour	Self Colour or Electro Galvanised
LIFTING APPLICATIONS	Angled Lifts with Limitations - Please consult manufacturer for angle loads WLL	Angled Lifts with Limitations - Please consult manufacturer for angle loads WLL	Angled Lifts with Limitations - Please consult manufacturer for angle loads WLL
CERTIFICATION	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	££
AVAILABILITY	Stocked by SHS	Usually next day delivery	Usually next day delivery

LONG SHANK COLLARED EYEBOLTS

BLT BRIERLEY LIFTING TACKLE

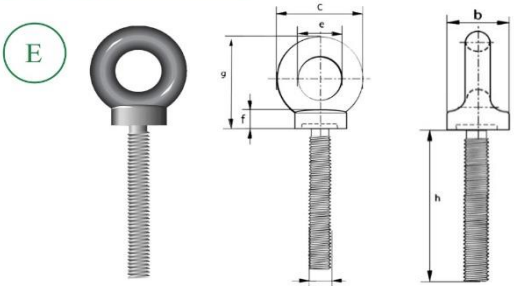
Q



WLL tonne	a thread mm	b mm	c mm	e mm	f mm	g mm	h mm
0.25	10	22	33	15	7	36	178
0.40	12	28	41	19	11	45	178
0.50	14	36	52	24	14	58	178
0.80	16	36	52	24	14	58	178
1.00	18	43	62	29	17	69	178
1.60	20	43	62	29	17	69	178
1.60	22	50	73	33	17	74	178
2.50	24	57	82	38	19	87	190
4.00	30	71	104	48	24	116	190

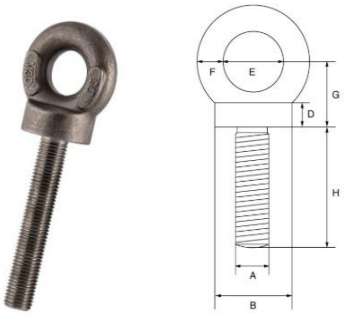
BLT BRIERLEY LIFTING TACKLE

E



WLL tonne	a thread mm	b mm	c mm	e mm	f mm	g mm	h mm
0.40	12	28	41	19	11	45	178
0.80	16	36	52	24	14	58	178
1.60	20	43	62	29	17	69	178
2.50	24	57	82	38	19	87	178

GT



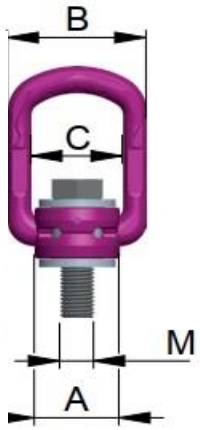
WLL tonne	A thread mm	B mm	D mm	E mm	F mm	G mm	H mm
0.25	10	22	7	15	9	19.5	178
0.40	12	28	11	19	11	24.5	178
0.80	16	36	14	24	14	32	178
1.60	20	43	17	29	16.5	38	178
2.50	24	57	19	38	22	46	178
4.00	30	71	24	48	28	64	178

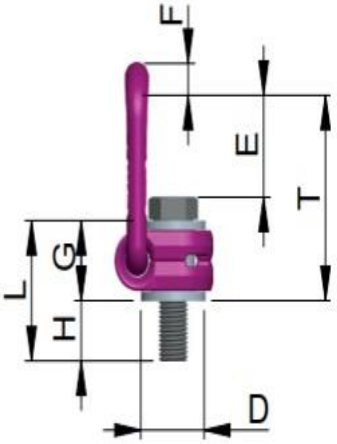
SWIVEL HOIST RING

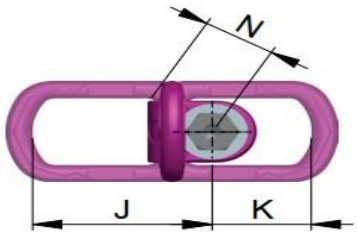
TECHNICAL COMPLIANCE	RUD	WILLIAM HACKETT	GEORGE TAYLOR (COBRA)
MATERIAL	Alloy Steel	Alloy Steel	Alloy Steel
STANDARD	DIN EN 818 and DIN EN 1677	EN1677-1 and ASME B30.26	AUR
SAFETY FACTOR	4 x WLL	4 x WLL	4 x WLL
FINISH	Pink Painted	Red Painted	Red Painted
LIFTING APPLICATIONS	360° rotation, 180° pivot to orientate appropriate angle of lift. Please consult manufacturer for angle loads WLL	360° rotation, 180° pivot to orientate appropriate angle of lift. Please consult manufacturer for angle loads WL	Angled Lifts with Limitations - Please consult manufacturer for angle loads WLL
CERTIFICATION	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	£
AVAILABILITY	Usually next day delivery	Usually next day delivery	Usually next day delivery

SWIVEL HOIST RING

RUD®

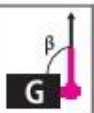
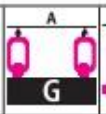
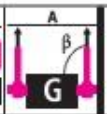
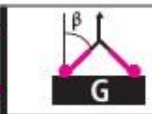
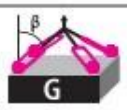






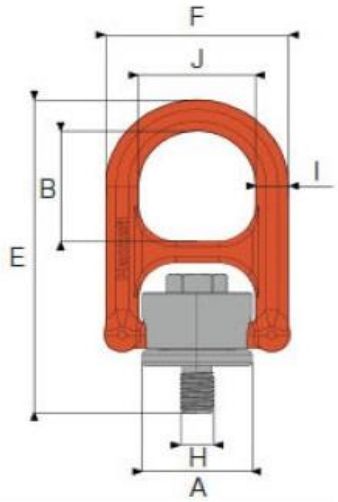
SW = Wrench Size
ISK = Internal Hexagon

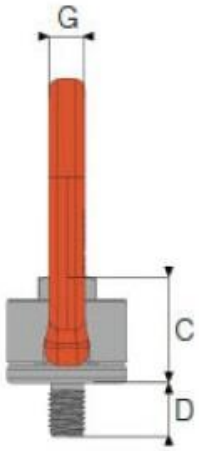
WLL tonne	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	K mm	L mm	M mm	N mm	SW	ISK	T mm	Torque Nm
0.63	0.3	30	52	24	40	10	29	11	75	45	105	8	32	13	5	75	30
0.9	0.31	30	52	24	39	10	29	15	75	45	125	10	32	17	6	75	60
1.35	0.34	32	52	26	38	10	29	18	75	45	145	12	32	19	8	75	150
1.2	0.5	34.5	56	30	39	13.5	36	24	86	47	70	14	38	24	10	85	150
2	0.55	34.5	56	30	39	13.5	36	22	86	47	185	16	38	24	10	85	150
2	1.3	50	82	45	55	17	43	37	113	64	90	18	48	30	12	110	200
3.5	1.3	50	82	45	55	17	43	32	113	64	230	20	48	30	12	110	400
4.5	1.4	50	82	45	67	17	43	37	130	78	265	24	48	36	14	125	760
6.7	3.2	60	103	60	67	22.5	61	49	151	80	340	30	57	46	17	147	1000
8	6.2	77	122	70	97	26.5	77	63	205	113	300	36	79	55	22	196	800
10	6.7	77	122	70	94	26.5	77	73	205	113	350	42	79	65	24	196	1000
15	10.9	95	156	85	109	36	87	63	230	130	500	42	100	65	24	222	1500
20	11.6	95	156	95	109	36	87	73	230	130	350	48	100	75	27	222	2000

Method of lift											
Number of legs		1	1	2	2	2	2	2	3 / 4	3 / 4	3 / 4
Angle of inclination <ß		0°-7°	90°	0°-7°	90°	0-45°	>45-60°	Un-symm.	0-45°	>45-60°	Un-symm.
factor		1	1	2	2	1,4	1	1	2,1	1,5	1
Type	Thread	**WLL in tonnes**, bolted and adjusted to the direction of pull									
VLBG-PLUS 0.63t	M 8	0.63	0.63	1.26	1.26	0.88	0.63	0.63	1.32	0.95	0.63
VLBG-PLUS 0.9t	M 10	0.9	0.9	1.8	1.8	1.3	0.9	0.9	1.9	1.35	0.9
VLBG-PLUS 1.35t	M 12	1.35	1.35	2.7	2.7	1.9	1.35	1.35	2.84	2	1.35
VLBG-PLUS 1.2t	M 14	1.2	1.2	2.4	2.4	1.68	1.2	1.2	2.52	1.8	1.2
VLBG-PLUS 2t	M 16	2	2	4	4	2.8	2	2	4.25	3	2
VLBG-PLUS 2t	M 18	2	2	4	4	2.8	2	2	4.25	3	2
VLBG-PLUS 3.5t	M 20	3.5	3.5	7	7	4.9	3.5	3.5	7.35	5.25	3.5
VLBG-PLUS 4.5t	M 24	4.5	4.5	9	9	6.3	4.5	4.5	9.5	6.75	4.5
VLBG-PLUS 6.7t	M 30	6.7	6.7	13.4	13.4	9.5	6.7	6.7	14.1	10	6.7
VLBG-PLUS 8t	M 36	8	8	16	16	11.2	8	8	17	11.8	8
VLBG-PLUS 10t	M 42	10	10	20	20	14	10	10	21.2	15	10
VLBG-PLUS 15t	M 42	15	15	30	30	21.2	15	15	31.5	22.4	15
VLBG-PLUS 20t	M 48	20	20	40	40	28	20	20	42	30	20

SWIVEL HOIST RING

William Hackett



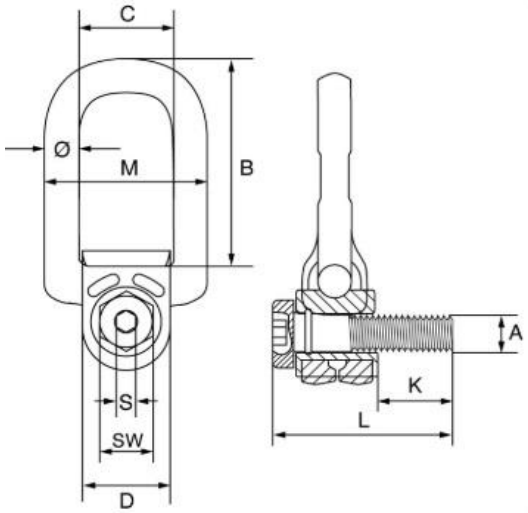


WLL tonne	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	K mm	L mm	Torque Nm
0.5	33	35	30	12	97	55	10	8	10	35	6	16	30
0.7	33	35	30	15	100	55	10	10	10	35	6	16	60
1.0	33	35	30	20	105	55	10	12	10	35	6	16	100
2.0	50	55	47	24	155	82	13	16	14	54	10	24	150
3.0	65	66	58.5	30	193	105	16	20	18	69	12	30	250
5.0	65	66	58.5	36	199	105	16	24	18	69	14	36	400
7.8	87	80	82.5	48	266	145	25	30	27	91	17	46	500
12.5	110	100	94	56	311	186	33	36	36	88	19	70	800
15.6	110	100	98	63	318	186	33	42	36	88	19	70	800
20.0	110	100	98	72	327	186	33	48	36	88	19	70	800
22.0	123	110	110	84	363	199	35	56	36	97	19	80	800
22.5	123	110	110	100	374	199	35	64	36	97	19	80	800

NUMBER OF LEGS	1	2	1	2	2		2	3-4		3-4	
Load Direction	0°	0°	90°	90°	0-45°	45-60°	unsym	0-45°	45-60°	unsym	
PART CODE	THREAD	WLL (in tonnes) BY LIFTING APPLICATION									
8-H20-M08G	M8 x 1.25-6g	0.8	1.6	0.8	1.6	0.7	0.5	0.5	1.1	0.8	0.5
8-H20-M10G	M10 x 1.5-6g	1.2	2.4	1.2	2.4	1.0	0.7	0.7	1.5	1.1	0.7
8-H20-M12G	M12 x 1.75-6g	2.0	4.0	2.0	4.0	1.4	1.0	1.0	2.1	1.5	1.0
8-H20-M16G	M16x 2.0-6g	3.2	6.4	3.2	6.4	2.8	2.0	2.0	4.2	3.0	2.0
8-H20-M20G	M20 x 2.5-6g	5.6	11.2	5.6	11.2	4.2	3.0	3.0	6.3	4.5	3.0
8-H20-M24G	M24 x 3.0-6g	9.2	18.4	9.2	18.4	7.0	5.0	5.0	10.5	7.5	5.0
8-H20-M30G	M30 x 3.5-6g	12.0	24.0	12.0	24.0	10.9	7.8	7.8	16.4	11.7	7.8
8-H20-M36G	M36 x 4-6g	14.0	28.0	14.0	28.0	17.5	12.5	12.5	26.3	18.8	12.5
8-H20-M42G	M42 x 4.5-6g	16.0	32.0	16.0	32.0	21.8	15.6	15.6	32.8	23.4	15.6
8-H20-M48G	M48 x 5-6g	20.0	40.0	20.0	40.0	28.0	20.0	20.0	42.0	30.0	20.0
8-H20-M56G	M56 x 5.5-6g	22.0	44.0	22.0	44.0	30.8	22.0	22.0	46.2	33.0	22.0
8-H20-M64G	M64 x 6-6g	22.5	45.0	22.5	45.0	31.5	22.5	22.5	47.3	33.8	22.5

SWIVEL HOIST RING

GT

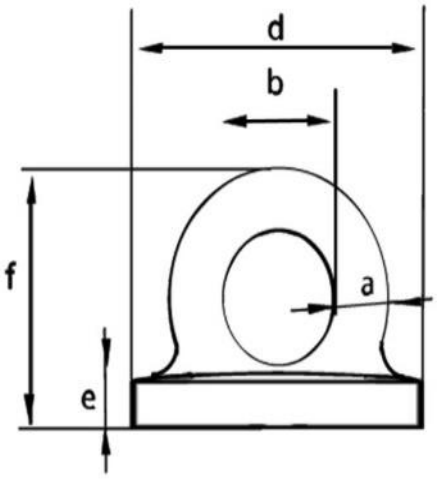


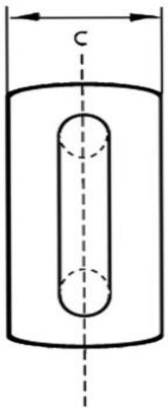
WLL tonne	A mm	B mm	C mm	D mm	K mm	L mm	M mm	S mm	SW mm	Ø mm	Torque Nm
0.3	8	52.5	35	30	11	46	55	6	13	14	10-15
0.63	10	52.5	35	30	16	52	55	6	17	14	10-15
1	12	54	40	36	18	62	68	8	19	18	10-15
1.2	14	54	40	36	21	66	68	8	22	18	20-30
1.5	16	54	40	36	24	70	68	8	24	18	20-30
2.5	20	80	54	50	30	88	83	12	30	16	50-70
4	24	94	54	50	36	100	83	14	40	18	130-160
4	27	106	73	68	38	120	120	17	41	27	180-220
5	30	106	73	68	48	132	120	17	41	27	200-250
8	36	140	94	86	62	163	156	22	55	31	280-400
15	42	155	104	95	74	194	176	24	65	40	500-600
20	48	155	104	95	74	194	176	27	75	40	500-650

Leg	1	1	2	2	2		3 or 4		3 or 4
Angle	0°	90°	0°	90°	0-45°	45-60°	0-45°	45-60°	Assim
Factor	1	1	2	2	1.4	1	2.1	1.5	1
M8	0.3	0.3	0.6	0.6	0.42	0.3	0.63	0.45	0.3
M10	0.63	0.63	1.26	1.26	0.88	0.63	1.32	0.95	0.63
M12	1	1	2	2	1.4	1	2.1	1.5	1
M14	1.2	1.2	2.4	2.4	1.68	1.2	2.52	1.8	1.2
M16	1.5	1.5	3	3	2.1	1.5	3.15	2.25	1.5
M18	2	2	4	4	2.8	2	4.2	3	2
M20	2.5	2.5	5	5	3.5	2.5	5.25	3.75	2.5
M24	4	4	8	8	5.6	4	8.4	6	4
M27	4	4	8	8	5.6	4	8.4	6	4
M30	5	5	10	10	7	5	10.5	7.5	5
M36	8	8	16	16	11.2	8	16.8	12	8
M42	15	15	30	30	21	15	31.5	22.5	15
M48	20	20	40	40	28	20	42	30	20

WELD ON LIFTING EYES

BRIERLEY LIFTING TACKLE



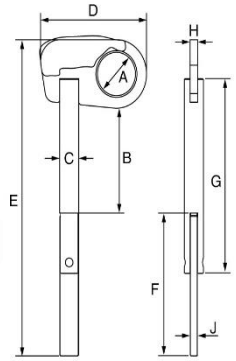


Material	Standard	Finish	Certs	Cost Level	Availability
BS970 150 M19 or equal	To admiralty pattern, drawing 002521434	Self colour, normalised condition, hardness HB159-229	✓	££	Stocked by SHS

This product is identified with a proof load, this is subject to correct welding procedures carried out

Proof Load Tonnes	Admiralty Pattern No	a mm	b mm	c mm	d mm	e mm	f mm
2.00	4014	10	20	25	45	6	38
3.50	4015	12	25	35	60	8	50
5.50	4016	16	32	45	70	10	64
7.50	4017	19	38	50	85	12	76
9.60	4018	22	42	60	102	13	89
13.00	4019	25	50	70	115	16	100
15.75	4020	28	57	76	130	18	114
20.00	4021	32	64	85	145	19	128
29.00	4023	38	76	100	170	22	152
50.00	4027	50	100	140	230	30	203

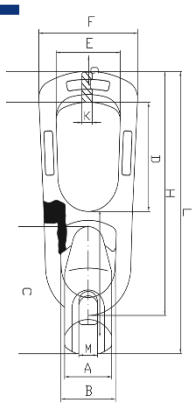
CONCRETE LIFTING PIN



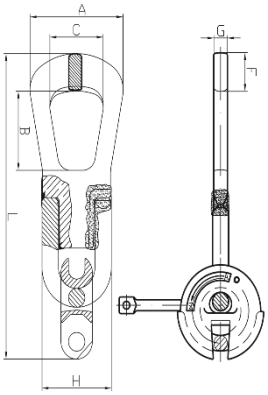
Manhole Lifting Pins									
WLL tonne	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm
0.75	50	120	25	139	365	165	225	10	10
1	50	150	32	139	400	165	260	10	10
1.5	50	175	35	155	425	165	285	12	10
2	50	215	38	155	465	165	325	15	10

DUKE™

Concrete Lifting Clutch												
WLL tonne	A mm	B mm	C mm	D mm	E mm	F mm	H mm	M mm	N mm	L mm	G mm	K mm
1-1.3	33	42	82	70	44	73	160	11	7.6	185	18	12.5
1.5-2.5	41	48	100	85	56	88	188	16	10.9	217	24	14
3-5	57	69	129	88	68	110	240	22	12	278	38	18
6-10	74	90	170	112	82	160	338	30	18	386	50	28
12-20	111	112	227	132	106	180	429	42	26	497	74	32
32	155	171	306	190	164	277	568	52	28	663	103	40



DUKE™



Concrete Ring Clutch							
WLL tonne	A mm	B mm	C mm	H mm	L mm	F mm	G mm
0.7-2.5	95	70	58.8	58	264	30	12
3-5	117	85	66.2	82	333	42	17
5.3-10	148	110	84.6	110	424	52	25

PERSONAL PROTECTION EQUIPMENT

We can supply personal protection equipment such as harnesses, lanyards and fall arrest blocks from two globally recognised PPE manufacturers to suit your preference.

KRATOS SAFETY
SOLUTIONS FOR LIFE

"With a large offer of more than 700 products in stock in the following main families : harnesses, retractable fall arresters, sliding fall arresters, energy absorbing lanyards, lanyards, connectors, anchorage points, rope access & rescue, confined spaces, headlamps... KRATOS SAFETY offers a full fall arrest solution with premium services, customer oriented"

Tractel
PART OF ALIMAK GROUP

"Tractel is a world leading safety specialist providing reliable, innovative and cost-effective working-at-height solutions and services. These solutions are used in many end-user applications, in particular in industrial, construction, energy, telecoms and infrastructure projects"

STANDARD FALL ARREST HARNESS




TECHNICAL COMPLIANCE	KRATOS	TRACTEL
SUPPLIER CODE	FA1010500	HT22
STANDARD	EN 361:2002	EN 361:2002
ATTACHMENT POINTS	1 x dorsal 1 x sternal	1 x dorsal 1 x sternal
PURPOSE	Fall Arrest	Fall Arrest
WEIGHT LOAD LIMIT	140kg	150kg
AVAILABLE SIZES	Universal	S, M, XL, XXL
CERTIFICATION	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly
COST LEVEL	££	£££
AVAILABILITY	Usually next day delivery	Usually next day delivery

WORK POSITIONING HARNESS WITH WAIST BELT

TECHNICAL COMPLIANCE	KRATOS	TRACTEL
SUPPLIER CODE	FA1020500(A)	HT34
STANDARD	EN 361:2002 & EN 358:2018	EN 361 and EN 358
ATTACHMENT POINTS	2 x lateral 2 x sternal	1 x dorsal 1 x sternal 2 x thoracic
PURPOSE	Fall Arrest & Work Positioning	Fall Arrest & Work Positioning
WEIGHT LOAD LIMIT	140kg	150kg
AVAILABLE SIZES	S-L or L-XXL	S, M, XL
CERTIFICATION	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly
COST LEVEL	££	£££
AVAILABILITY	Usually next day delivery	Usually next day delivery

KRATOS SAFETY
SOLUTIONS FOR LIFE

SCOTIA HANDLING SERVICES


FA 10 101 00
FA 10 101 01


FA 10 102 00


FA 10 103 00


FA 10 104 00


FA 10 104 01


FA 10 105 00


FA 10 105 00 A
FA 10 105 01 A


FA 10 106 00


FA 10 107 01


FA 10 108 00


FA 10 111 00
FA 10 111 01


FA 10 114 00A
FA 10 114 01A


FA 10 115 00


FA 10 117 00
FA 10 117 01


FA 10 201 00
FA 10 201 01


FA 10 202 00
FA 10 202 01


FA 10 203 00


FA 10 204 00


FA 10 204 01


FA 10 205 00


FA 10 205 00 A
FA 10 205 01 A


FA 10 206 00 A
FA 10 206 01 A


FA 10 207 00
FA 10 207 01


FA 10 213 00


FA 10 215 00


FA 10 216 00
FA 10 216 01


FA 10 217 00


FA 10 301 00


FA 10 302 00


FA 10 303 00


FA 10 304 00


FA 10 401 00


FA 10 402 00


FA 10 404 00
FA 10 404 01


FA 10 414 00


FA 10 500 00


FA 10 908 00

Tractel
PART OF ALIMAK GROUP

Harness HT Easyclimb

HT Access Harness

Harness HT Electra

Harness HT Promast

Harness HT Transport

Harness HT Secours

Harness HT22

Harness HT11

Harness HT10

Harness HT120

Harness HT45

Harness HT46

Harness HT44

Harness HT42

Harness HT43

Harness HT55

Harness HT56

Harness HT34

Harness HT22 R

Harness HT55 Confined Space

Harness HT22 with X-pad comfort back pad

Harness HT Ladytrac

HT9 Evacuation triangle

Comfort Strap

ROPE RESTRAINT LANYARD

TECHNICAL COMPLIANCE	KRATOS	TRACTEL
SUPPLIER CODE	FA4050310/15/20	LD-11
STANDARD	EN354:2010	EN 354
MATERIAL	11mm polyamide kernmantle rope	11mm polyamide braided rope
PURPOSE	Restraint & Work Positioning	Restraint & Work Positioning
WEIGHT LOAD LIMIT	22kN	150kg
AVAILABLE LENGTHS	1 metre, 1.5 metre & 2 metres	1 metre to 2 metre
CERTIFICATION	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly
COST LEVEL	££	£££
AVAILABILITY	Usually next day delivery	Usually next day delivery

WEBBING WORK POSITIONING LANYARD

TECHNICAL COMPLIANCE	KRATOS	TRACTEL
SUPPLIER CODE	FA4090120	LS
STANDARD	EN 358:2018	EN 354
MATERIAL	30mm polyester webbing	30mm polyester webbing
PURPOSE	Work Positioning	Work Positioning
WEIGHT LOAD LIMIT	-	150kg
AVAILABLE LENGTHS	Adjustable from 1.2 metres to 2 metres	1 metre, 1.5 metre & 2 metres
CERTIFICATION	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly
COST LEVEL	££	£££
AVAILABILITY	Usually next day delivery	Usually next day delivery

SHOCK ABSORBING LANYARD

TECHNICAL COMPLIANCE	KRATOS	TRACTEL
SUPPLIER CODE	FA3050215/20	LS
STANDARD	EN 355:2002	EN355, PPE-R/11.074, and PPE-R/11.062
MATERIAL	11mm polyamide kernmantle rope	12.5mm polyamide kernmantle rope
PURPOSE	Fall Arrest	Fall Arrest
WEIGHT LOAD LIMIT	100kg	150kg
AVAILABLE LENGTHS	1.5 metres & 2 metres	1 metre, 1.5 metre & 2 metres
CERTIFICATION	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly
COST LEVEL	££	£££
AVAILABILITY	Usually next day delivery	Usually next day delivery

FA 30 500 15
FA 30 500 20

FA 30 502 15
FA 30 502 20

FA 30 503 15
FA 30 503 20

FA 30 512 12
FA 30 512 20

FA 30 513 20

FA 30 514 20

FA 30 522 10
FA 30 522 15
FA 30 522 20

FA 30 600 10
FA 30 600 15

FA 30 600 13

FA 30 610 15

FA 30 614 20

FA 30 620 15

FA 30 621 15

FA 30 702 20

FA 40 600 10
FA 40 600 15

FA 40 900 20

FA 40 500 10
FA 40 500 15
FA 40 500 20

FA 40 902 20

FA 40 903 20
FA 40 903 40

FA 40 904 20
FA 40 904 40

FA 40 502 10
FA 40 502 15
FA 40 502 20

FA 40 503 10
FA 40 503 15
FA 40 503 20

FA 40 901 20

FA 40 906 50

FA 40 906 100

FA 70 014 00

Adjustable Lanyard - LCM 03

Adjustable Lanyard - LCM 05

Adjustable Lanyard - LCM 06

LD 11 - Braided Rope Lanyard

LDF 11 - Braided Rope Lanyard

LDR - Adjustable lanyard

LS - Webbing Lanyard

LSE - Elastic Webbing Lanyard

LDA 12 - Fall Arrester

LDAD 12

LSA - Fall Arrester

LSAD - Fall Arrester

FALL ARREST BLOCK

TECHNICAL COMPLIANCE	TRACTEL	KRATOS
SUPPLIER CODE	Blocfor ESD	FA20600/06/10/15/20
STANDARD	EN 360, PPE-R/11.060, PPE-R/11.062	EN360:2002, ATEX Directive 2014/34/EU.
MATERIAL	25mm polyester webbing	Galvanised steel wire rope
WEIGHT LOAD LIMIT	150kg	140kg
AVAILABLE LENGTHS	6 metres	6 metres, 10 metres, 15 metres, 20 metres
CERTIFICATION	Supplied	Supplied
INSPECTION PERIOD	6 monthly visual & annual service	6 monthly visual & annual service
COST LEVEL	£££	££
AVAILABILITY	Usually next day delivery	Usually next day delvery

MANUAL HOISTS

Supplying hoisting equipment has never been easier or more readily available from our three approved hoisting manufacturers.

"We have developed market-leading brands such as Tirfor, Tralift, Bravo and Jockey to address all your manual lifting equipment needs. If you are looking for a hand-operated hoist, our products are safe, reliable and provide excellent value for money. We pride ourselves on the superb quality of our manual lifting equipment"

"The William Hackett hoisting range offers both standard and specialist products which have been specified across many different sectors and industries for over a decade, proving their resilience and design capabilities. Using inhouse expertise and technologies, combined with end user engagement and long standing supply partners, we have been able to adapt and develop our products to work in a range of applications and extreme environments"

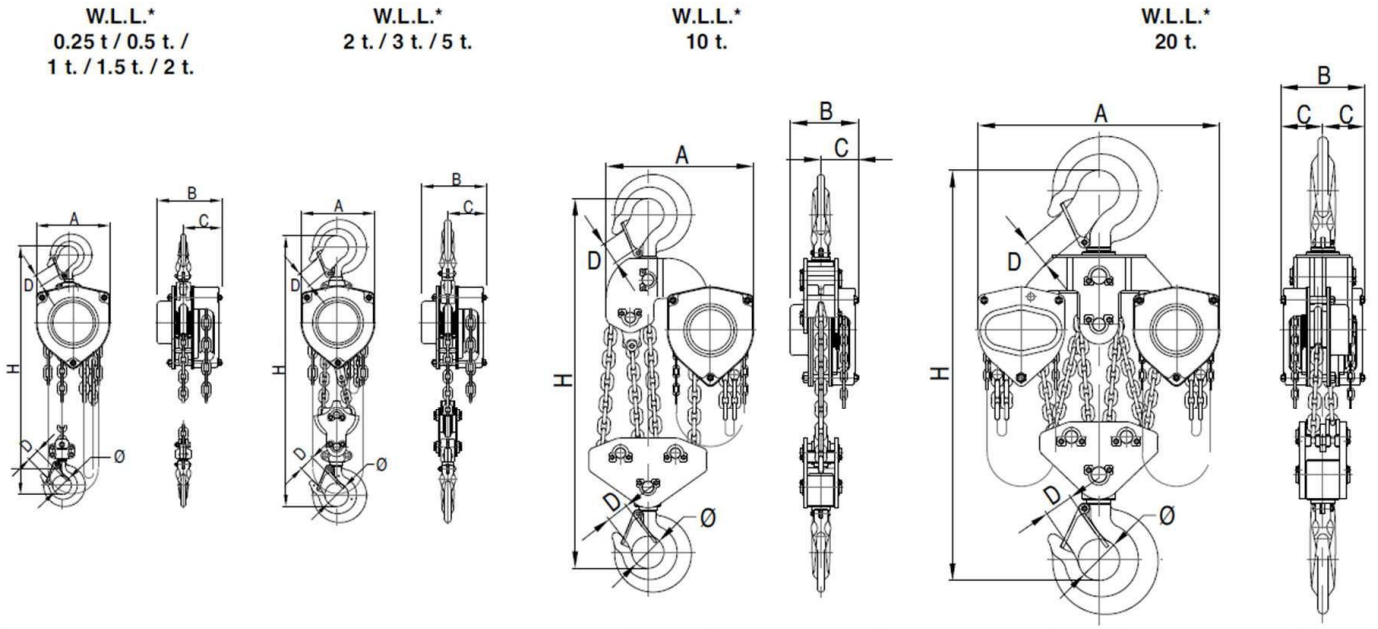
"As the premier UK brand of lifting, hoisting and mechanical handling products, George Taylor aim not only to offer a wide range of standard items, but also to create bespoke design manufactured products"

MANUAL CHAIN HOISTS

TECHNICAL COMPLIANCE	TRACTEL	HACKETT	GT VIPER
STANDARD	EN13157 + A1:2009 conformity	BS EN13157:2004 + AI:2009	BS EN 13157
WLL RANGE	0.25 tonne – 20 tonne	0.5 tonne – 5 tonne (higher WLL models available)	0.5 tonne – 30 tonne
STANDARD HEIGHT OF LIFT	3 metres Extra AUR	3 metres Extra AUR	3 metres Extra AUR
SAFETY FACTOR	WLL x 4	WLL x 4	WLL x 4
SPARE PARTS FOR REPAIRS	Subject to UK stock levels	Readily Available	Minor repairs only recommended
CERTIFICATION	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	£
AVAILABILITY	TBC	Usually next day delivery	Usually next day delivery

TRALIFT CHAIN BLOCK

Tractel
PART OF ALIMAK GROUP



WLL tonne	No of Falls	Load Chain mm	Hand Chain mm	HOL metres	A mm	B mm	C mm	D mm	Ø mm
0.25	1	4x12	2.4x14	3	110	110	58	20	28
0.50	1	5x15	5x24	3	132	117.5	70.5	22	35
1.00	1	6x18	5x24	3	156	139	83.5	27	40
1.50	1	7x21	5x24	3	178	154	87	29	45
2.00	1	8x24	5x24	3	196	165.5	89.5	33	50
2.00	2	6x16	5x24	3	156	139	83.5	33	50
3.00	2	7x21	5x24	3	178	154	87	39	55
5.00	2	10x30	5x24	3	229	180	99	44	68
10.00	4	10x30	5x24	3	391	180	99	58	85
20.00	8	10x30	5x24	3	641	224	112	77	110

APPLICATION

The tralift™ hoist is designed for lifting and lowering a load suspended on a chain (load chain) by manually actuating a second chain (hand chain); it is also used to maintain a load suspended. The tralift™ hoist is secured to a fixed anchor point or to a moving trolley. Information about suspension trolleys can be obtained from TRACTEL® on request. Manufactured from high-quality materials, the tralift™ hoist is a robust tool. The hoist has a compact design, is light-weight, portable and easy to install.

DESCRIPTION

- compact design unit and light-weight,
- coating : blue paint on hoist body and black paint on hooks,
- load chain either Corolim® coated or black phosphated and galvanised hand chain
- 360° rotating hooks labeled with hoist W.L.L.* and fitted with safety latches,
- standard lifting height: 3m. Other lifting heights available : see table below,
- designed and built to withstand dynamic testing at 1.1 x W.L.L.* and static testing at 1.5 x W.L.L.*,
- minimum mechanical strength of 4 x W.L.L.*

(1): other lifting heights available as standard supply for: 0.5 t. to 20 t. models: 4 m, 5 m, 6 m.

(2): for greater lifting heights, contact TRACTEL®.

Options:
- all 0.5 t. to 20 t. models can be equipped optionally with a dynamic load limiter factory-set between 1.1 and 1.9 x W.L.L.*
- load chain storage bag (see table above).

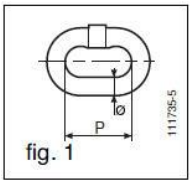


fig. 1

STANDARDS APPLICABLE

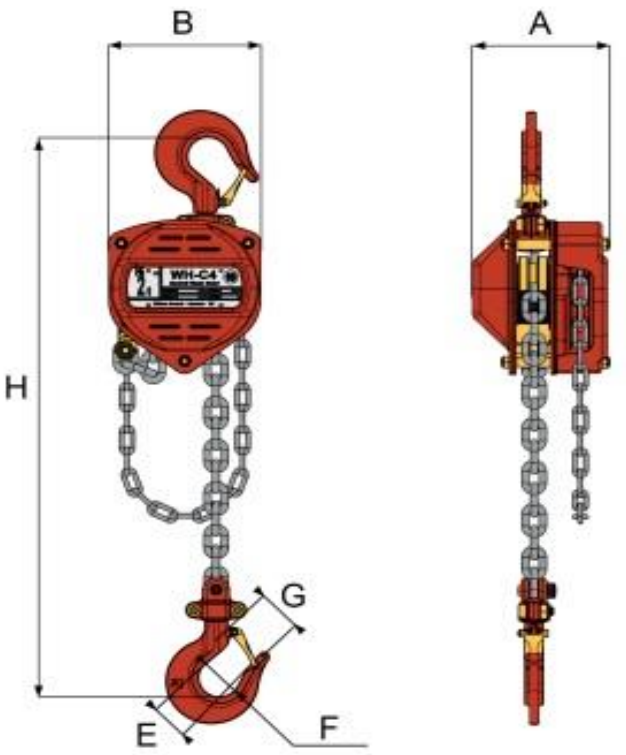
- Tralift™ conforms to the EU machine directive 2006/42/CE
- combined with the Corolim® load chain, the hoist complies with the EN 13157 standard except model 0.25t. Corolim® load chain, Grade 80 EN 818-7.

Spare part list available upon request

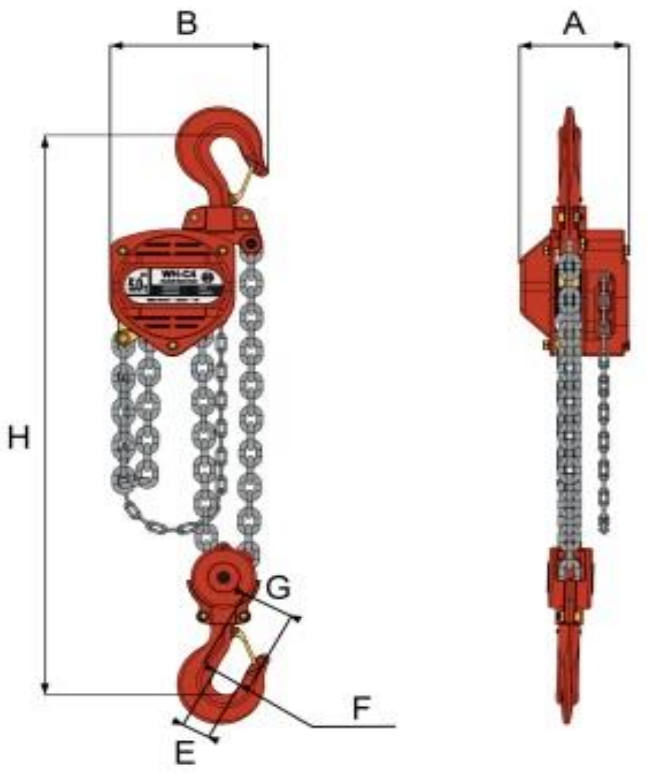
C4 CHAIN BLOCK

William Hackett

Single Fall



Multi Fall



WLL tonne	No of Falls	Load Chain mm	Hand Chain mm	HOL metres	A mm	B mm	E mm	F mm	G mm	H mm
0.50	1	5x15	5x25	3	125	130	42.5	40	20.5	305
1.00	1	6x18	5x25	3	134	155	49.0	40	25.5	350
1.60	1	8x24	5x25	3	151	173	51.5	40	30.0	390
2.00	1	8x24	5x25	3	157	185	54.5	44	30.0	410
3.20	2	8x24	5x25	3	157	235	61.0	48	37.5	495
5.00	2	10x30	5x25	3	180	262	85.0	60	43.0	635

WH C4 Chain Hoist

Standards:
The WH C4 chain hoist is verified by DNV as compliant with the requirements of the relevant international stanadards. (Verification no. N141UH09).

British Standard BS EN13157:2004 + AI:2009
American Standard ASME B30.16-2014

Australian Standard AS1418.2-1997
South African Standard SANS 1594:2007
NORSOK R-002: 2017.

Light load capability: tested and certified at 2% of the chain hoist rated capacity.

Twin pawl: fitted as standard.

Safety factor: 4:1.

Safety latches: hooks are fitted with heavy duty cast steel latches. The latch and hook tips are integrated creating a strong and robust hook closure.

Hook overload and traceability marks: hooks have overload indicator marks either side of the hook throat (500kg to 10t). Both top and bottom hooks are embossed with a batch code, manufacturer's mark and the working load limit.

Hand chain joiner: a unique hand chain joiner is used as a quick and secure method of joining the hand chain.

Hook housings: secured with socket head cap screws/ hex head bolts and nyloc insert locking nuts to allow full inspection.

Fleeting/cross hauling: independently tested and verified (Test Report 2550-7615) for fleeting or cross hauling applications. Certified to angles up to 60° from the vertical without deration
of the WLL.

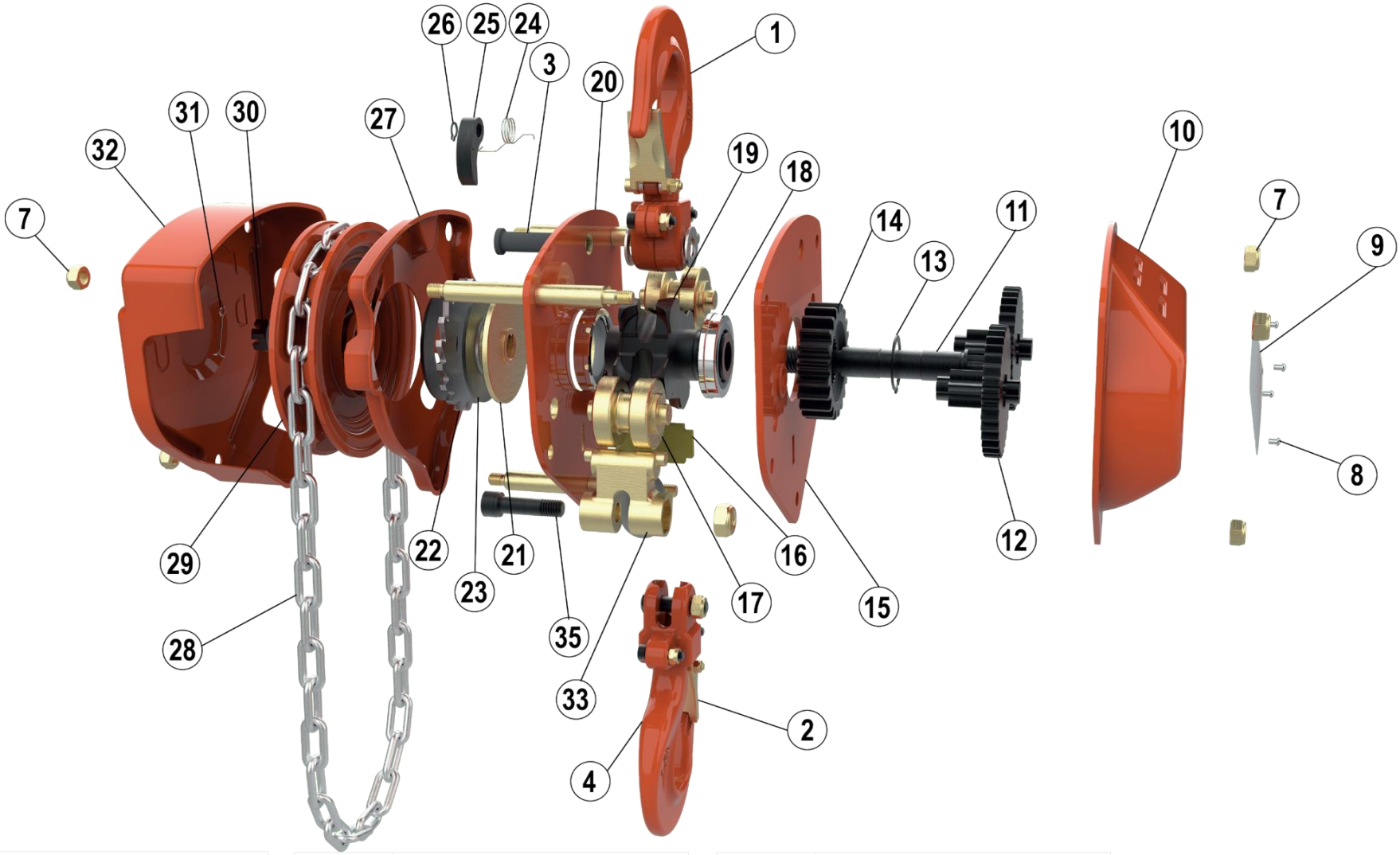
Load chain: fitted with load chain that fully complies with international standard BS EN818-7 Grade T (8).

Temperature range: -20°C to +120°C.

Proof Tested: 100% of hoists are proof tested to 1.5 times the WLL.

Optional equipment:
- Overload limiter.
- Top and bottom hook with ball bearing adaptors.

Manufactured and proof tested in the UK.



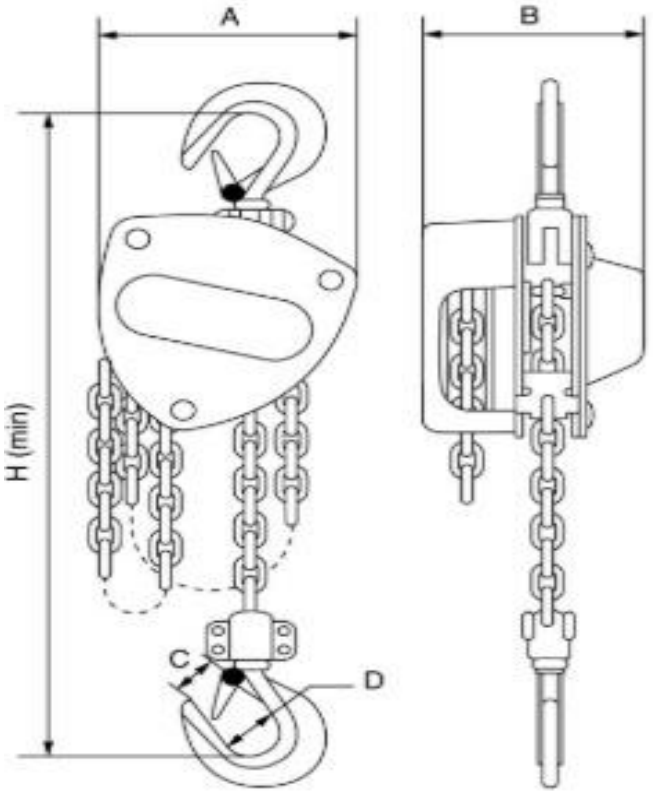
Part Code	Part Name
C4.01	Top Hook Assembly
C4.02	Latch Kit
C4.03	Top Hook Pin
C4.04	Bottom Hook Assembly
C4.05	Chain Fixing Pin
C4.07	Nut
C4.08	Label Rivets
C4.09	Label
C4.10	Gear Cover Assembly

Part Code	Part Name
C4.11	Pinion Shaft
C4.12	Pinion Gear (pair)
C4.13	Snap Ring
C4.14	Load Gear
C4.15	Gear Side Plate
C4.16	Stripper
C4.17	Guide Roller
C4.18	Caged Roller Bearings
C4.19	Load Sheave

Part Code	Part Name
C4.20	Wheel Side Plate Assembly
C4.21	Disc Hub
C4.22	Friction Disc (pair)
C4.23	Ratchet Gear
C4.24	Pawl Spring
C4.25	Pawl
C4.26	Snap Ring
C4.27	Brake Cover
C4.28	Hand Chain (5 x 25mm)

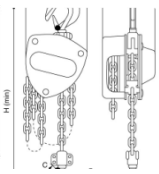
Part Code	Part Name
C4.29	Hand Chain Wheel
C4 29L	Overload Limiter
C4.30	Pinion Nut
C4.31	Cotter Pin
C4.32	Hand Wheel Cover
C4.33	Chain Anchor Plate
C4.35	Chain Anchor Pin
C4.36	Top Hook Pin and Lock Nut

VIPER CHAIN BLOCK



WLL tonne	No of Falls	Load Chain mm	HOL metres	A mm	B mm	C mm	D mm	H mm
0.50	1	6x18	3/6/10/12	136	126.5	25.5	36	266
1.00	1	6x18	3/6/10/12	156	143	28	40	324
1.50	1	7.1x21	3/6/10/12	182	148	38	52	932
2.00	1	8x24	3/6/10/12	198	152	38	52	407
3.00	2	7.1x21	3/6/10/12	214	156	42	60	465
5.00	2	10x30	3/6/10/12	266	181	50	68	636
10.00	4	10x30	3/6/10/12	365	181	57	85	798
20.00	8	10x30	3/6/10/12	630	192	84	106	890
30.00	12	10x30	3/6/10/12	670	330	84	106	1000

Viper Chain Block – HSZ-L – VC



- Each hoist is made with high performance materials for extra durability.
- Matt black finish.
- Meets the WLL performance requirements of BS EN 13157
- Minimum break load 4 times WLL
- Grad 80 (T- fine tolerance calibrated) load chain, meets the WLL performance requirements of BS EN 818-7.
- Electro galvanised calibrated hand chain.
- The sealed bearings in each unit to ensure extra protection and allow complete repair flexibility.
- Top and bottom hooks with heavy duty cast catches.
- For heights of lift above 12 metres please consult GT lifting for technical advice and product guidance.
- Whilst fleeting or cross hauling is not recommended practice, these items can be used in accordance within specific safety guidelines for this purpose.
- Marked in accordance with BS EN 13157
- Certs available

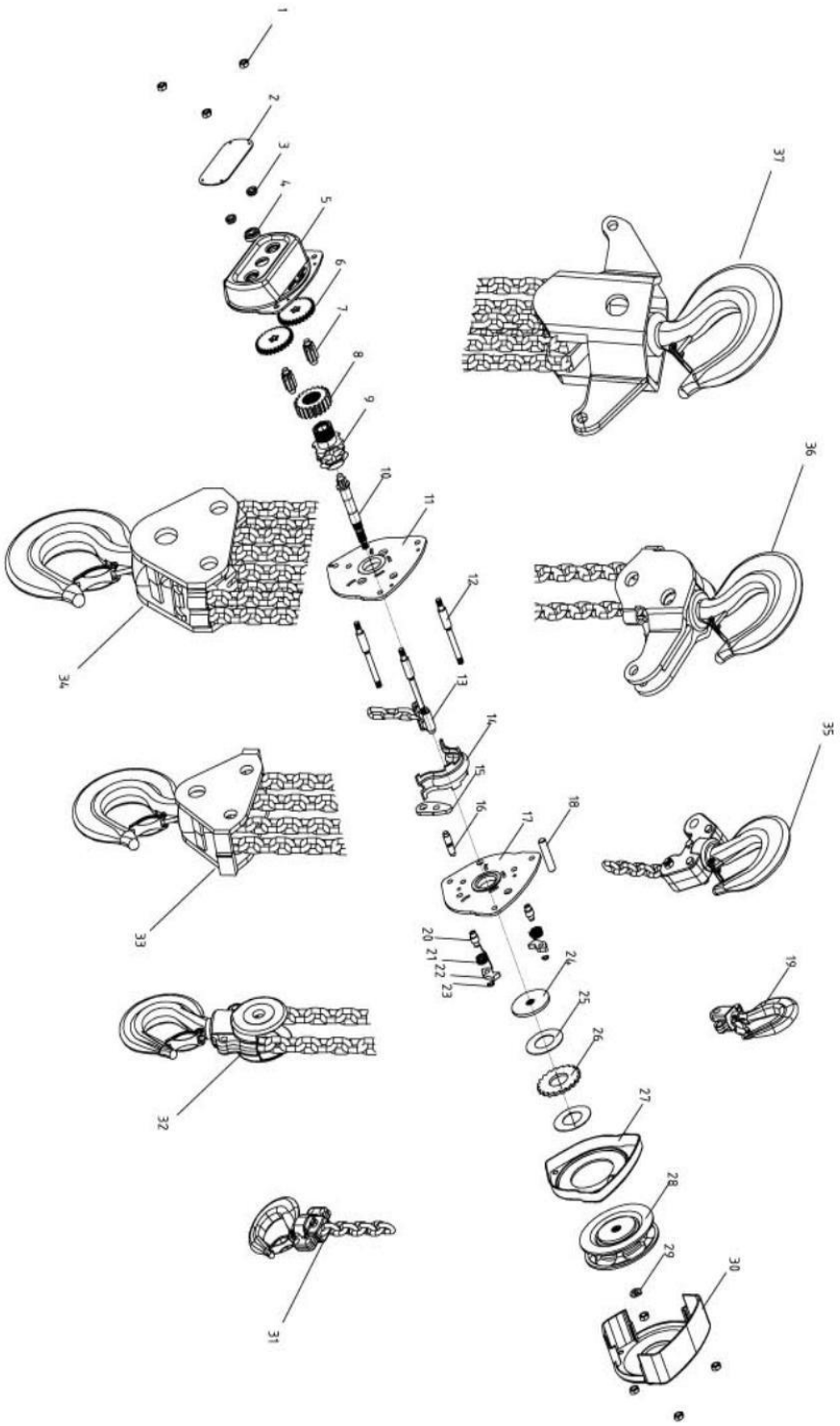


Fig. No.	Description
1.	Lock Nut
2.	Name Plate
3.	Retainer
4.	Bearing for Splined Gear
5.	Gear Cover
6.	2nd Gear
7.	3rd Gear
8.	1st Gear
9.	Load Sprocket
10.	Pinion Shaft
11.	Gear Side Plate
12.	Support Pin
13.	End Anchor
14.	Chain Guide
15.	Chain Stripper
16.	Chain Stripper Pin
17.	Hand Chain Side Plate
18.	Hook Pin
19.	Top Hook Assembly

Fig. No.	Description
20.	Pawl Pin
21.	Pawl Spring
22.	Brake Pawl
23.	Circlip
24.	Brake Hub
25.	Brake Disc
26.	Ratchet Gear
27.	Brake Cover
28.	Hand Chain Sheave
29.	Retainer
30.	Hand Chain Cover
31.	Bottom Hook Assembly
32.	Bottom Hook Assembly (3-5t)
33.	Bottom Hook Assembly (10t)
34.	Bottom Hook Assembly (20t)
35.	Top Hook Assembly (3-5t)
36.	Top Hook Assembly (10t)
37.	Top Hook Assembly (20t)

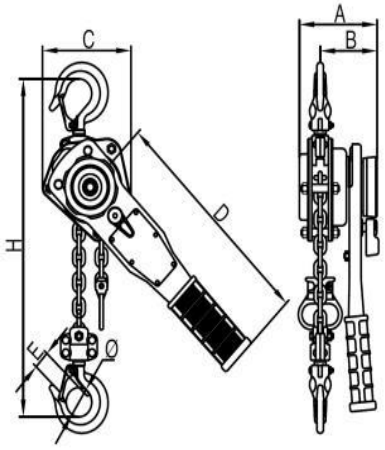
MANUAL LEVER HOISTS

TECHNICAL COMPLIANCE	TRACTEL	HACKETT	GT VIPER
STANDARD	EN13157 + A1:2009	BS EN13157:2004 + AI:2009	BS EN 13157
WLL RANGE	0.5 tonne – 9 tonne	0.8 tonne – 15 tonne	0.25 tonne
STANDARD HEIGHT OF LIFT	1.5 metres	1.5 metres	1.5 metres or 3 metres
SAFETY FACTOR	WLL x 4	WLL x 4	WLL x 4
SPARE PARTS FOR REPAIRS	Subject to UK stock levels	Readily Available	Minor repairs only recommended
CERTIFICATION	Supplied	Supplied	Supplied
INSPECTION PERIOD	6 monthly	6 monthly	6 monthly
COST LEVEL	£££	££	£
AVAILABILITY	TBC	Usually next day delivery	Usually next day delivery

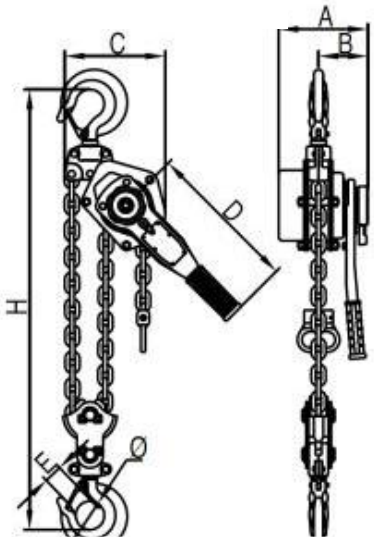
BRAVO LEVER HOIST

Tractel
PART OF ALIMAK GROUP

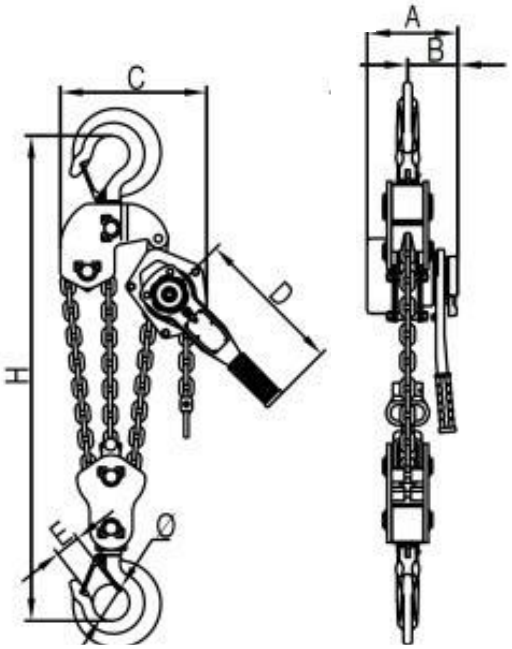
WLL 0.25t to 3t



WLL 6t



WLL 9t



WLL tonne	HOL metres	Min dis between hook	A mm	B mm	C mm	D mm	E mm	Ø mm
0.25	1.5	230	102.5	77	75	157	20	28
0.50	1.5	305	107	78	121	288	22	35
0.75	1.5	315	149	89	125	268	23	37
1.00	1.5	320	149	89	125	268	27	40
1.50	1.5	365	175	101	146	368	29	45
3.00	1.5	480	205	114	191	348	39	55
6.00	1.5	610	205	114	229	348	44	68
9.00	1.5	800	205	114	341	348	58	85

CHARACTERISTICS:

- compact design unit and light-weight,
- load chain coated,
- hooks rotating 360° labeled with hoist W.L.L.* fitted with safety latches removable,
- standard lifting height: 1.5m. Other possible lifting heights: see table below,
- unit designed and built to withstand dynamic testing at 1.1 x W.L.L.* and static testing at 1.5 x W.L.L.*,
- unit designed to ensure a minimum mechanical strength of 4 x W.L.L.*,
- unit complies with directive 2006/42/CE requirement.

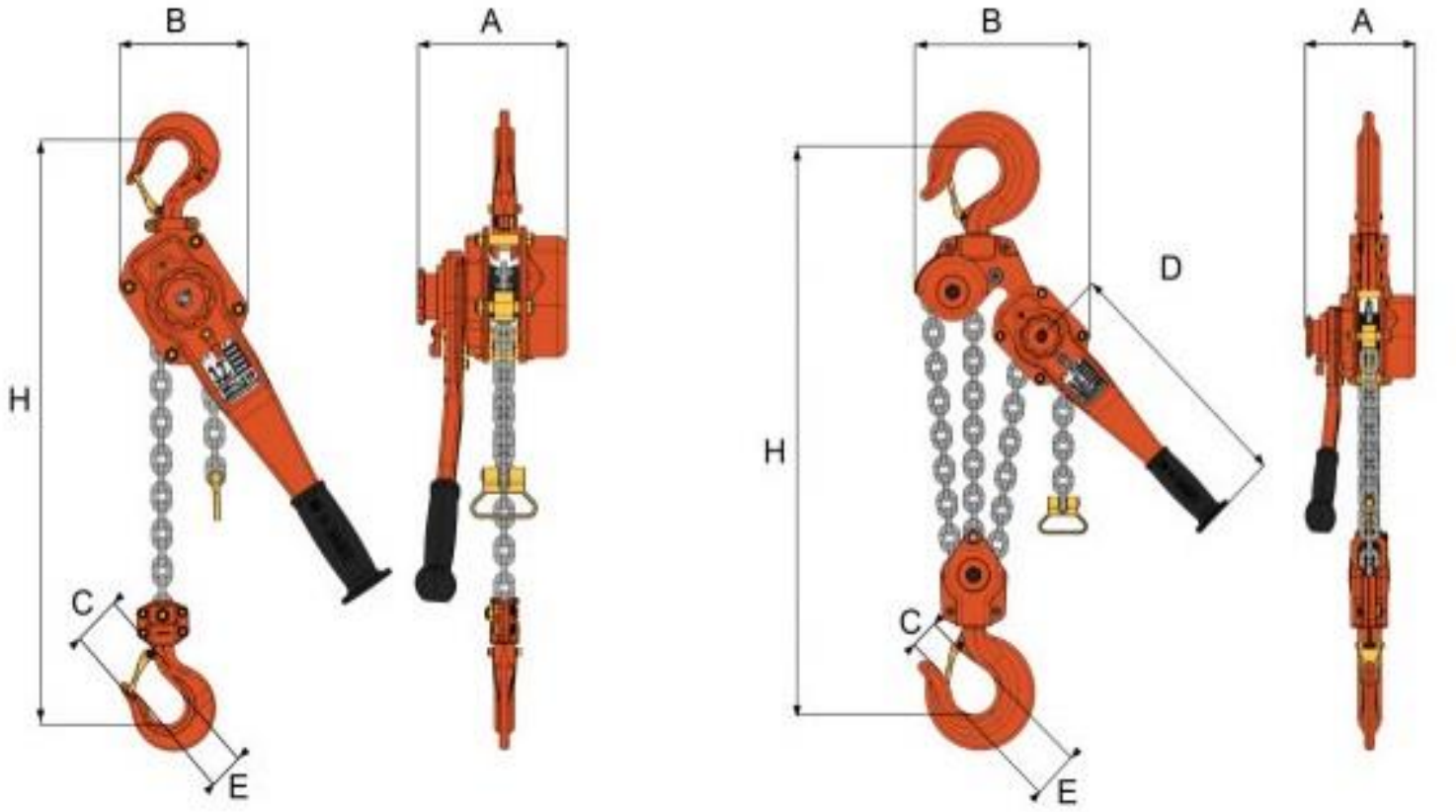
The bravo™ hoist (1) uses the “Double click” system. Based on two unsynchronized clicks, “Double click” guarantees the reliability of lifting, towing and tensioning operations against the risk of veering. “Double click” is specifically recommended for tensioning steel ropes.

Optionally, the bravo™ hoists of W.L.L.* 0.5t / 0.75t / 1t / 1.5t / 3t / 6t and 9t can be equipped with a dynamic load limiter (1): except model 0.25t.

Spare part list available upon request

L4 LEVER HOIST

William Hackett



WLL tonne	No of Falls	Load Chain mm	HOL metres	A mm	B mm	C mm	D mm	E mm	H mm
0.8	1	5.7x17	1.5	148	121	41.5	265	28.0	280
1.6	1	7.1x21	1.5	165.5	141	52.0	350	33.0	350
3.2	1	10x30	1.5	194.5	178	61.9	415	42.5	420
6.3	2	10x30	1.5	194.5	228	84.3	415	51.0	570
9.0	3	10x30	1.5	194.5	310	88.0	415	56.0	680
15.00	6	10x30	1.5	194.5	420	-	415	80.0	1000

WH L4 Lever Hoist

Standards:
The WH L4 lever hoist is verified by DNV as compliant with the requirements of the relevant international standards. (Verification no. N141UH09)
British Standard BS EN13157:2004 + AI:2009
American Standard ASME B30.16-2014
Australian Standard AS1418.2-1997
South African Standard SANS 1594:2007
NORSOK R-002: 2017.

Light load capability: tested and certified at 2% of the lever hoist rated capacity.

Twin pawl: fitted as standard on WH L4 and WH ATEX-L4 lever hoists.

Safety factor: 4 : 1

Safety latches: hooks are fitted with heavy duty cast steel latches. The latch and hook tips are integrated creating a strong and robust hook closure.

Hook overload and traceability marks: hooks have overload indicator marks either side of the hook throat (800kg to 10t). Batch code, manufacturer's mark and hoist WLL.

Hook housings: are secured with socket head cap screws/hex head bolts and nyloc locking nuts to allow full inspection.

Fleeting/cross hauling: independently tested and verified (Test Report 2550-7615) for fleeting or cross hauling applications at angles up to 60° from the vertical without deration of the WLL.

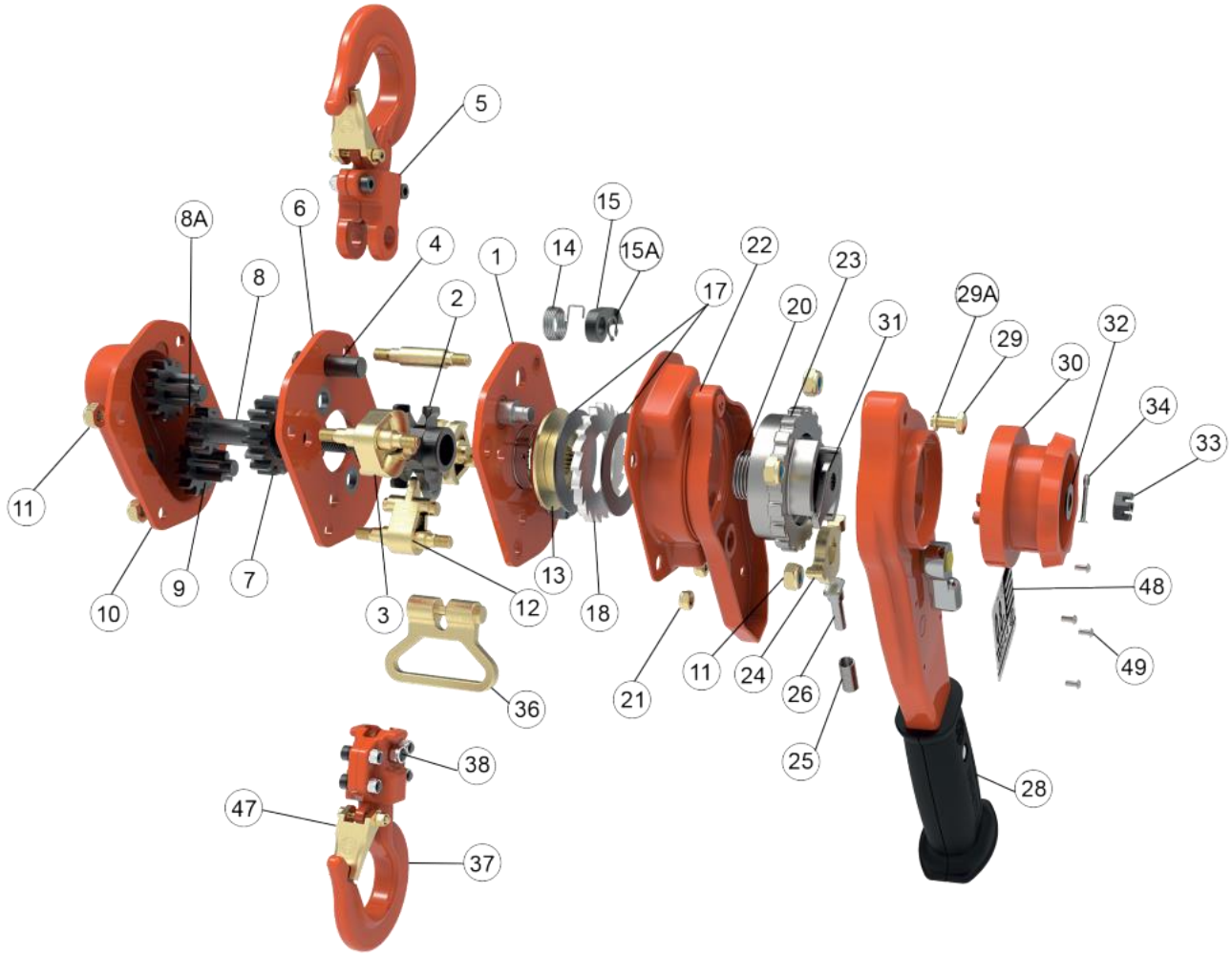
Load chain: fitted with load chain that fully complies with international standard BS EN818-7 Grade T (8).

Temperature Range: - 20°C to + 120°C.

Proof Tested: 800kg to 10 tonne hoists are proof tested to 1.5 times the Working Load Limit. 15 tonne hoists are proof tested to 1.25 times the Working Load Limit.

Optional equipment:
- Overload limiter.
- Top and bottom hook adaptors.
- Travelling end stop.

Manufactured and proof tested in the UK



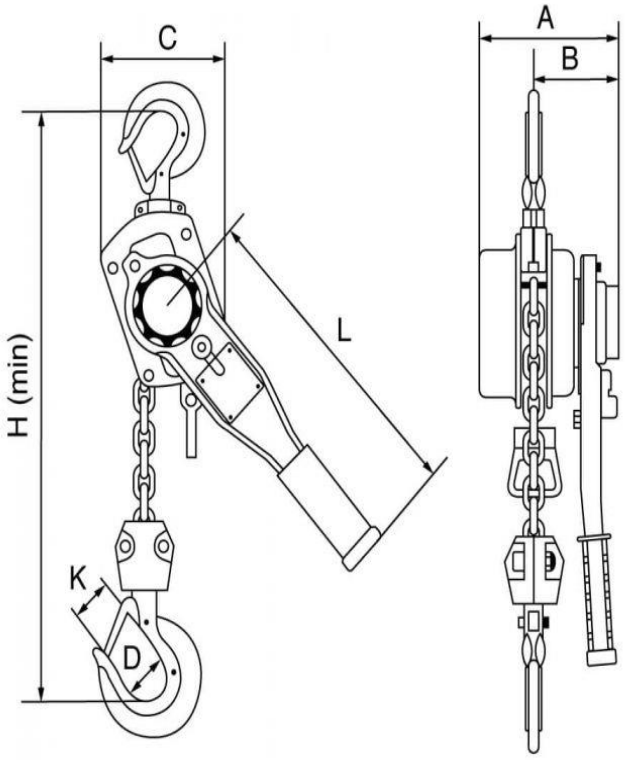
Part Code	Part Name
L4.01	Left Side Plate Assembly
L4.02	Load Sheave
L4.03	Chain Guide
L4.04	Top Hook Shaft
L4.05	Top Hook Assembly
L4.06	Right Side Plate Assembly
L4.07	Load Gear
L4.08	Pinion Shaft
L4.08a	Pinion Shaft Washer
L4.09	Pinion Gear (pair)
L4.10	Gear Cover

Part Code	Part Name
L4.11	Nut
L4.12	Chain Stripper
L4.13	Disc Hub
L4.14	Pawl Spring
L4.15	Pawl
L4.15a	Circlip
L4.17	Friction Disc (pair)
L4.18	Ratchet Gear
L4.20	Spring
L4.21	Lock Nut

Part Code	Part Name
L4.22	Handle Cover Assembly
L4.23	Change Gear
L4.23L	Overload Limiter
L4.24	Change Over Pawl
L4.25	Change Over Spring
L4.26	Change Over Stand
L4.28	Lever Handle Assembly
L4.29	Screw
L4.29A	Spring Washer
L4.30	Grip Ring

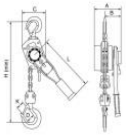
Part Code	Part Name
L4.31	Stop Cam
L4.32	Washer
L4.33	Castle Nut
L4.34	Split Pin
L4.36	Square Type End Stop
L4.37	Bottom Hook Assembly
L4.38	Chain Fixing Pin
L4.47	Latch Kit
L4.48	Label
L4.49	Label Rivets

VIPER LEVER HOIST



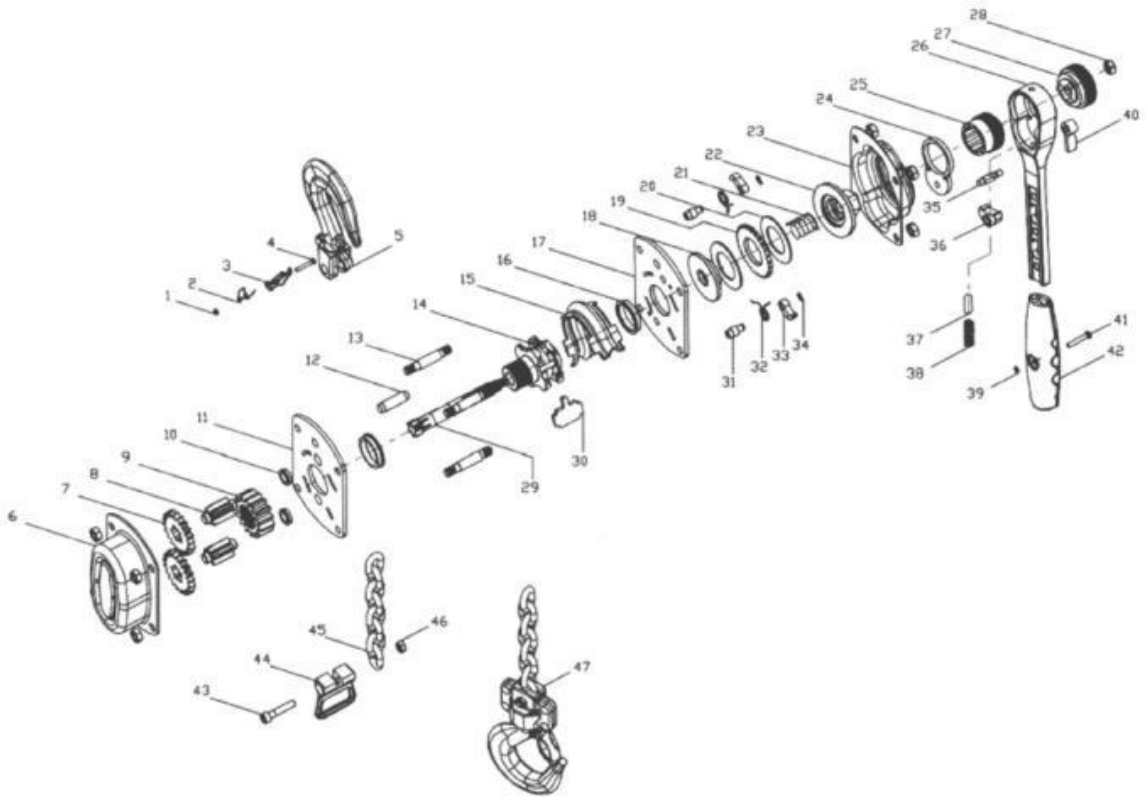
WLL tonne	HOL metres	HOL metres	A mm	B mm	C mm	D mm	H mm	L mm	K mm
0.25	1.5	3	119	79	90.5	31	237	168	24
0.50	1.5	3	130	83	112	36	283	178	25.5
0.75	1.5	3	148	90	136	40	320	250	28
1.00	1.5	3	148	90	136	40	320	250	28
1.50	1.5	3	172	98	160	44	380	300	38
2.00	1.5	3	180	105	160	46	380	300	38
3.00	1.5	3	200	115	180	50	480	375	42
6.00	1.5	3	200	115	235	64	600	375	50
9.00	1.5	3	200	115	335	85	740	410	57

Viper Lever Hoist – HSH-X - VLH



- Lightweight and robust ensuring reliability in every position.
- High grade steel body protects gears and brake system.
- Matt black finish
- Meets the W.L.L performance requirements of BS EN 13157.
- Minimum break load 4 times the W.L.L.
- Grad 80 (T- fine tolerance calibrated) load chain, meets the WLL performance requirements of BS EN 818-7.
- Easy to use free wheel mechanism that enables chain to be pulled freely when not under load.
- Short arm lever and special gear ratio allows an easy lift with minimum stress and maximum security.
- Marked in accordance with BS EN 13157.
- Certs available

Spare Parts – 0.25t – 0.5t



1.	Selflock Nut	17.	Left Side Plate	33.	Left Side Plate
2.	Latch Spring	18.	Brake Base	34.	Brake Base
3.	Safety Latch	19.	Ratchet Disc	35.	Ratchet Disc
4.	Hex Bolt	20.	Brake Disc	36.	Brake Disc
5.	Top Hook Assembly	21.	Free Spring	37.	Free Spring
6.	Hoist Cover Assembly	22.	Brake Nut	38.	Brake Nut
7.	Disc Gear	23.	Ratchet Gear Cover	39.	Ratchet Gear Cover
8.	Load Shaft	24.	Inner Handle Lever	40.	Inner Handle Lever
9.	Spline Gear	25.	Change Over Gear	41.	Change Over Gear
10.	Steel Bushing	26.	Hand Lever	42.	Hand Lever
11.	Right Side Plate	27.	Hand Wheel	43.	Hand Wheel
12.	Hook Shaft	28.	Pinion Nut	44.	Pinion Nut
13.	Suspension Bar	29.	Pinion Shaft	45.	Pinion Shaft
14.	Load Chain Sprocket	30.	Chain Stripper	46.	Chain Stripper
15.	Guide Plate	31.	Pawl Pin	47.	Pawl Pin
16.	Solid Bearing	32.	Pawl Spring		

Spare Parts – 0.75t – 9.0t

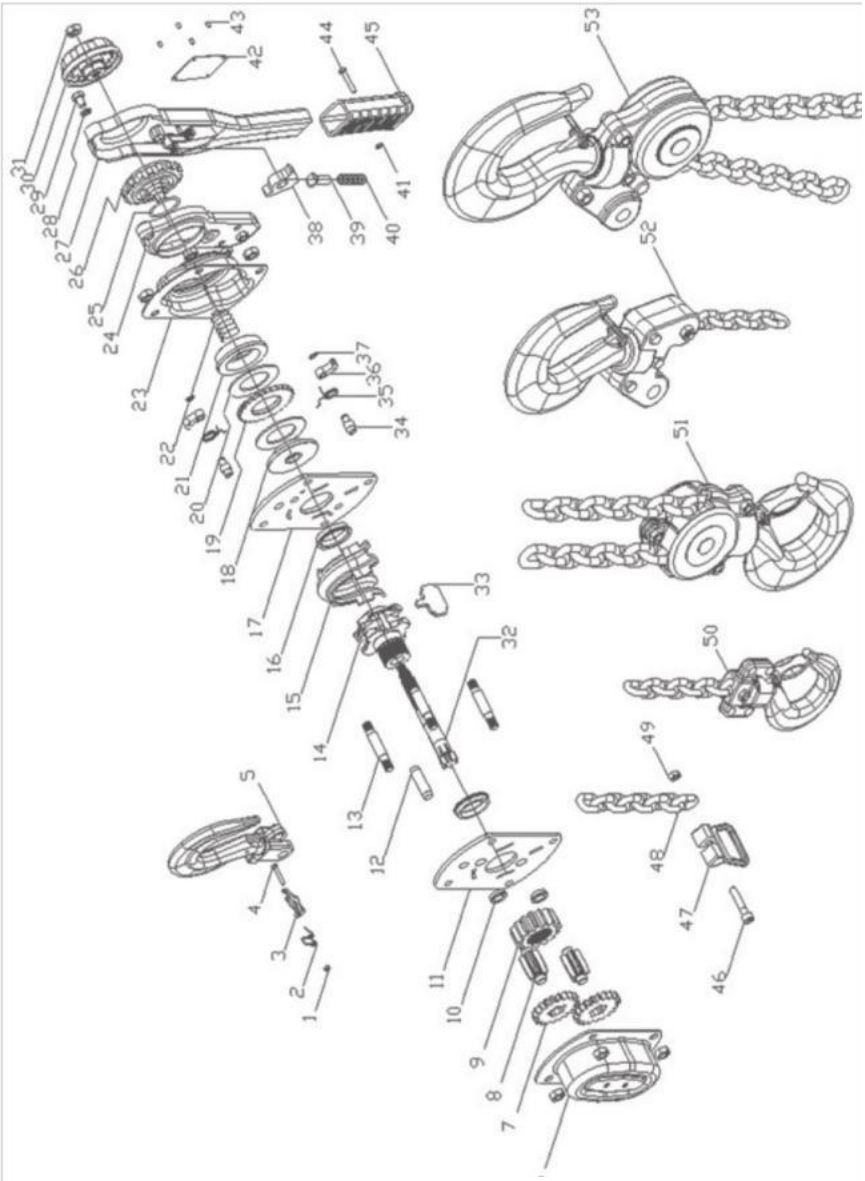


Fig. No.	Description
1.	Self Locking Nut
2.	Latch Spring
3.	Safety Latch
4.	Hex Bolt
5.	500-3,000kgs Top Hook Assembly
6.	Hoist Cover Assembly
7.	Disc Gear
8.	Load Shaft
9.	Spline Gear
10.	Steel Bushing
11.	Right Side Plate
12.	Hook Shaft
13.	Suspension Bar
14.	Load Chain Sprocket
15.	Guide Roller
16.	Solid Bearing
17.	Left Side Plate
18.	Brake Base
19.	Ratchet Gear
20.	Friction Disc
21.	Brake Disc
22.	Free Spring
23.	Ratchet Gear Cover
24.	Self Locking Nut
25.	Latch Spring
26.	Safety Latch
27.	Hex Bolt
28.	500-3,000kgs Top Hook Assembly

Fig. No.	Description
29.	Hoist Cover Assembly
30.	Disc Gear
31.	Load Shaft
32.	Spline Gear
33.	Steel Bushing
34.	Right Side Plate
35.	Hook Shaft
36.	Suspension Bar
37.	Load Chain Sprocket
38.	Guide Roller
39.	Solid Bearing
40.	Left Side Plate
41.	Brake Base

42.	Ratchet Gear
43.	Friction Disc
44.	Brake Disc
45.	Free Spring
46.	Ratchet Gear Cover
47.	End Ring
48.	Load Chain
49.	Self Locking Nut
50.	500-3,000kgs Bottom Hook Assembly
51.	6-9t Bottom Hook Assembly
52.	6t Top Hook Assembly
53.	9t Top Hook Assembly

BEAM TROLLEY

BEAM CLAMP

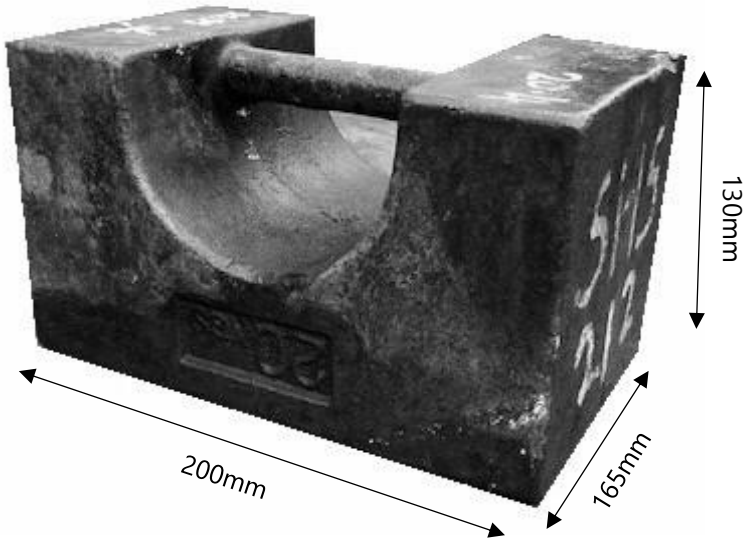
TEST WEIGHT HIRE

We have over 75 tonne of calibrated test weights available for hire, along with suitable cradles. Our newest addition to the hire fleet include water bags.

CALIBRATED TEST WEIGHTS

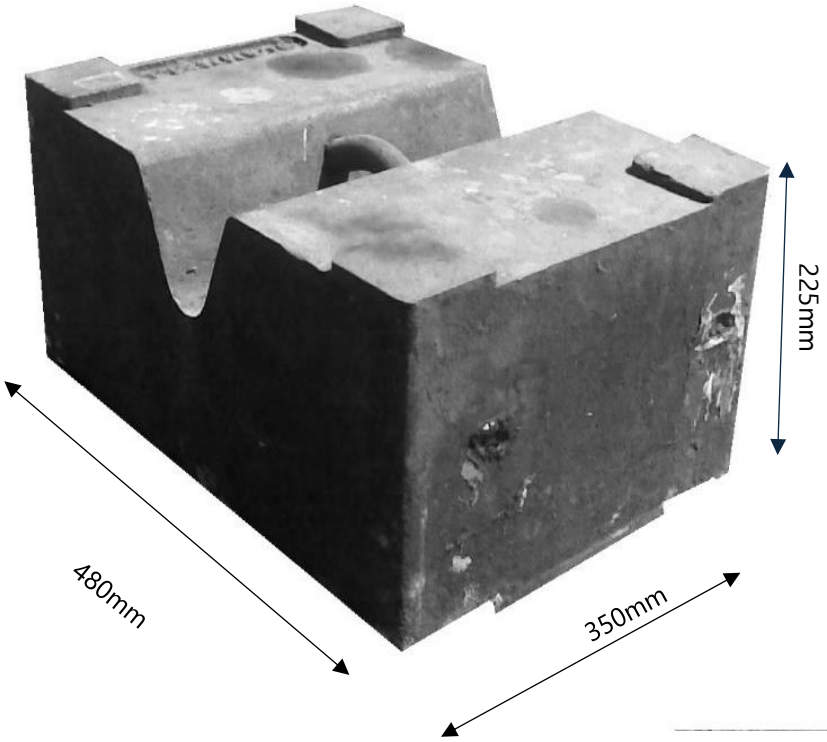
CERTIFICATES AVAILABLE

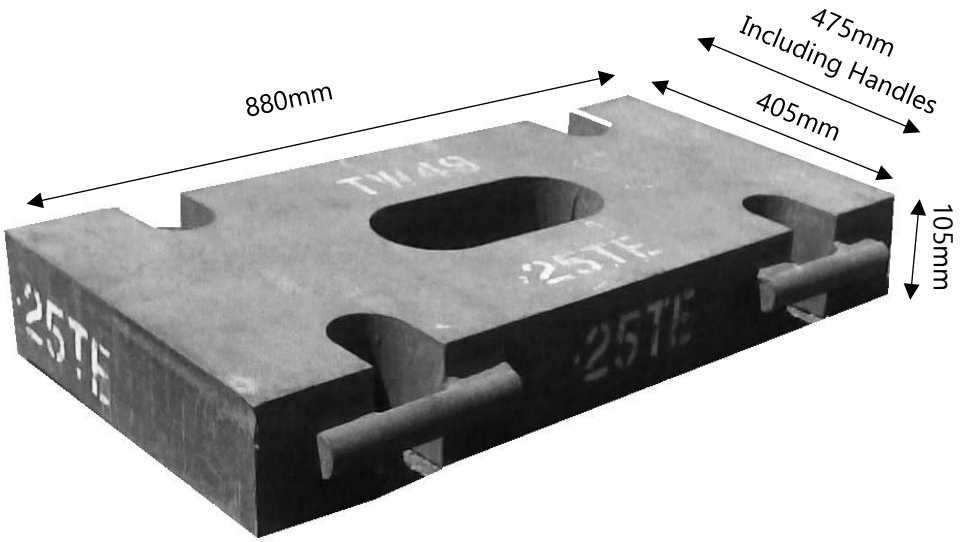
MINIMUM 3 DAY HIRE PERIOD



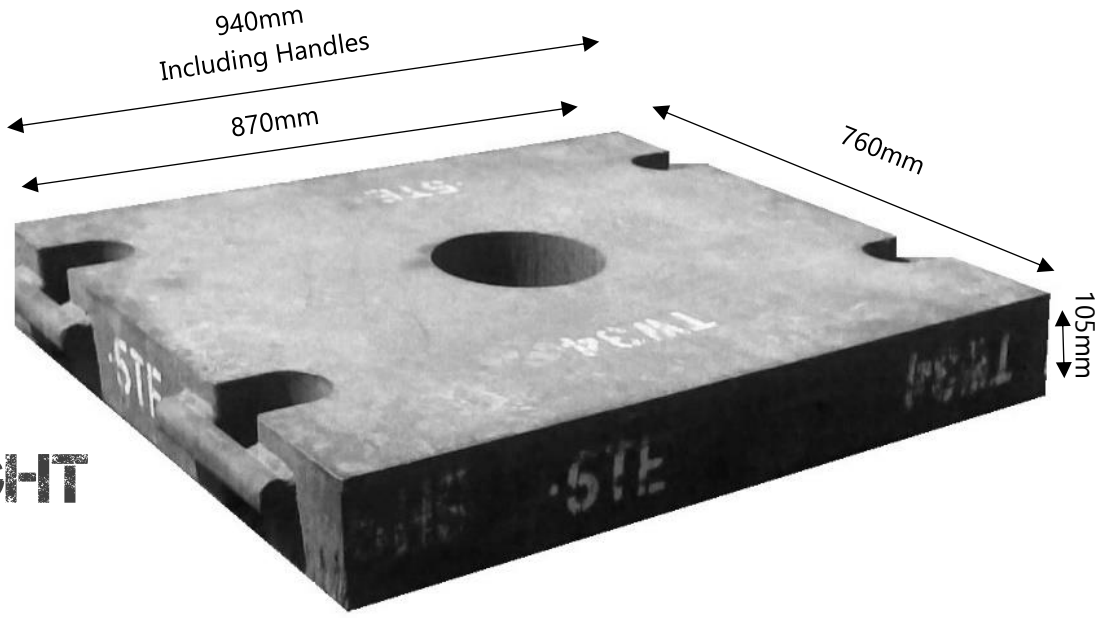
20KG & 25KG HAND WEIGHTS

250KG BLOCK WEIGHT

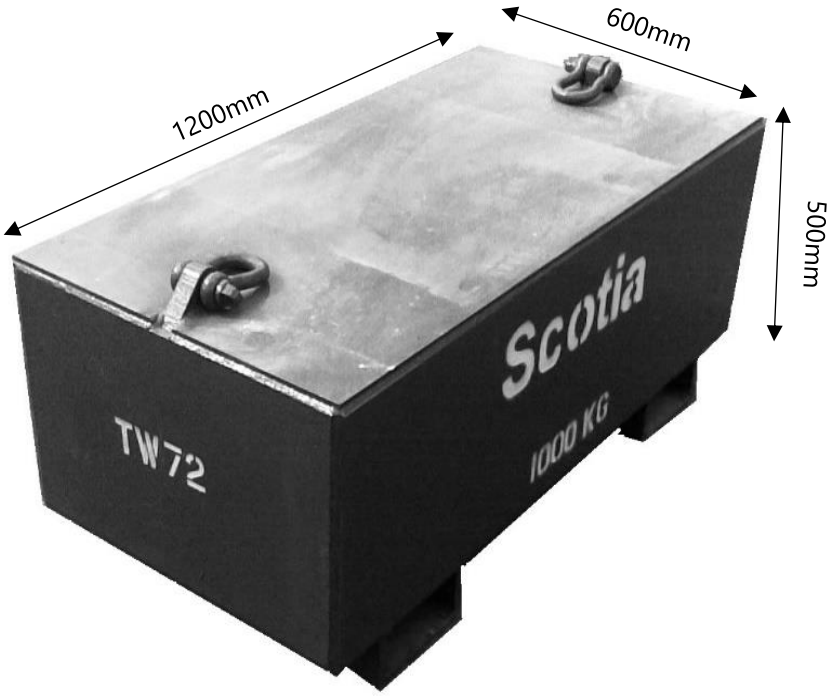




250KG SLAB WEIGHT

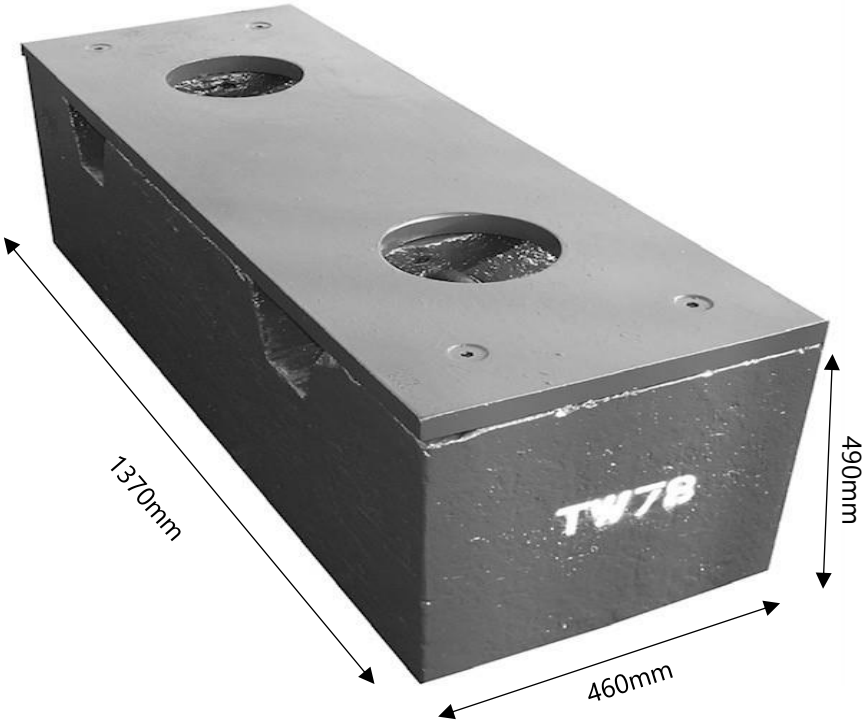


500KG SLAB WEIGHT



1 TONNE BLOCK WEIGHT

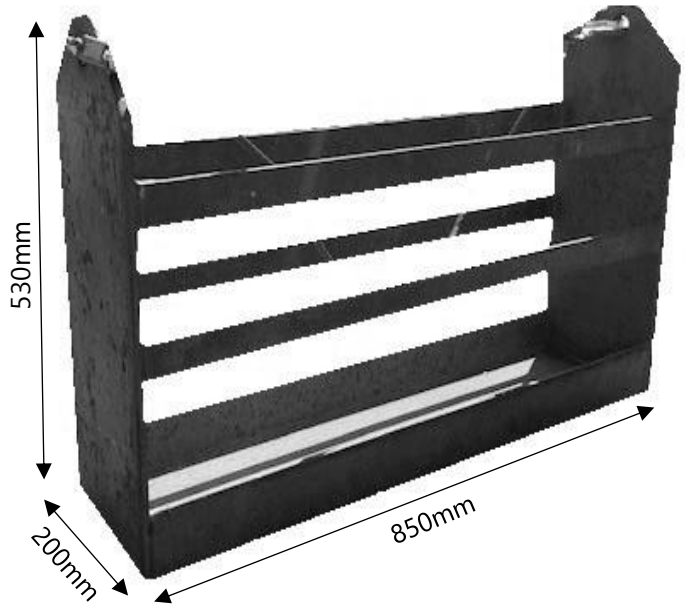
2 TONNE BLOCK WEIGHT



TEST WEIGHT CRADLES

HAND WEIGHT CRADLE

(C1 & C1A)



WLL – 250kg

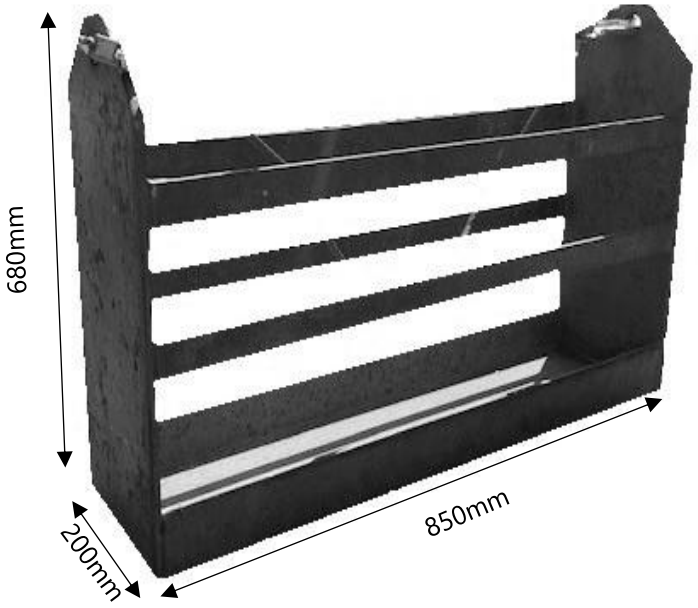
Tare Weight – 45kg

HAND WEIGHT CRADLE – LARGE

(C2)

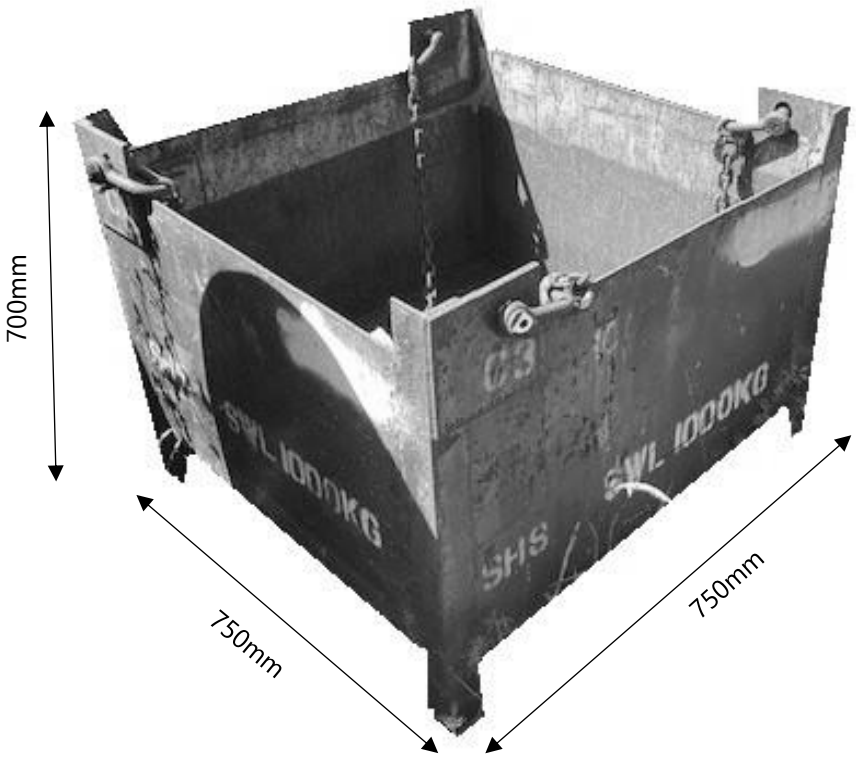
WLL – 325kg

Tare Weight – 55kg



WEIGHT CAGE

(C3)



WLL – 1000kg

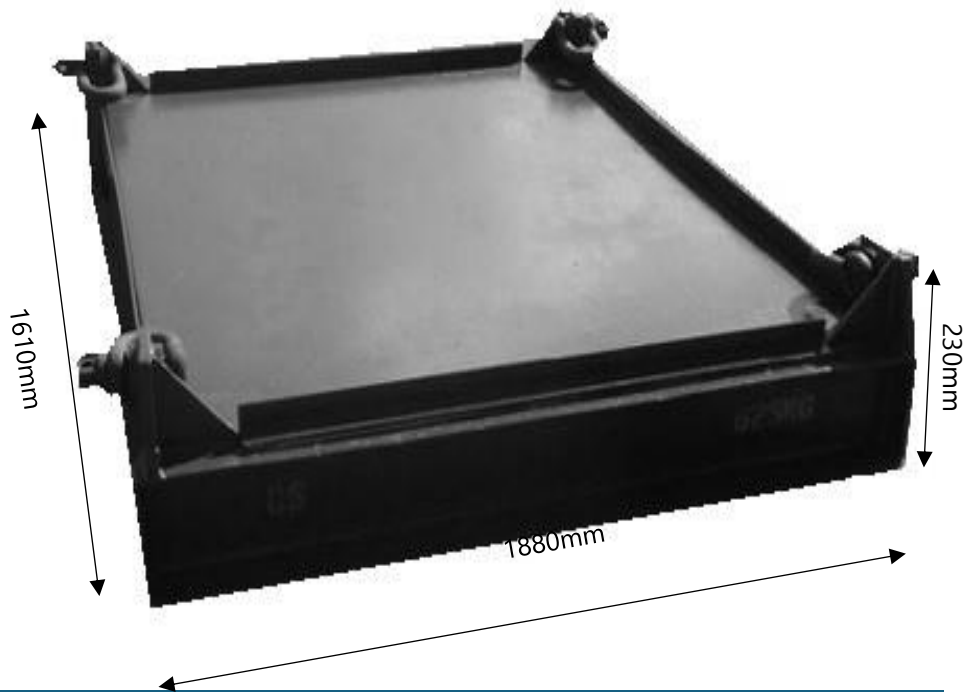
Tare Weight – 100kg

SMALL WEIGHT CRADLE

(C5)

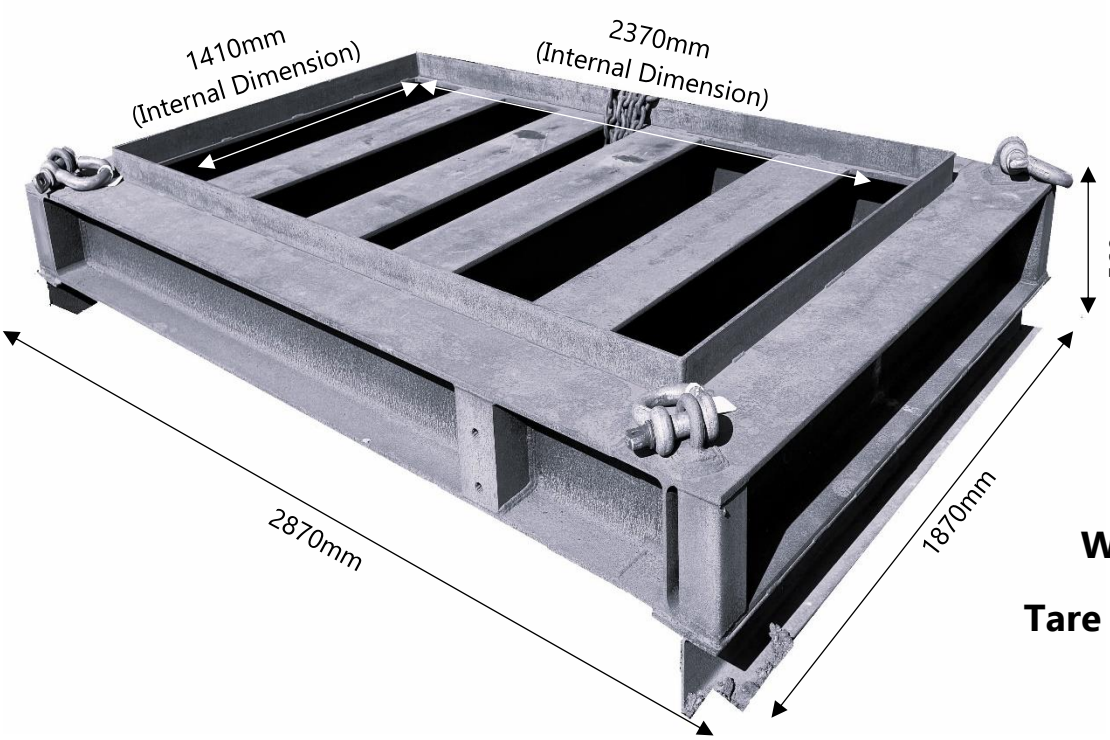
WLL – 9 tonne

Tare Weight – 625kg



MEDIUM WEIGHT CRADLE

(C6)

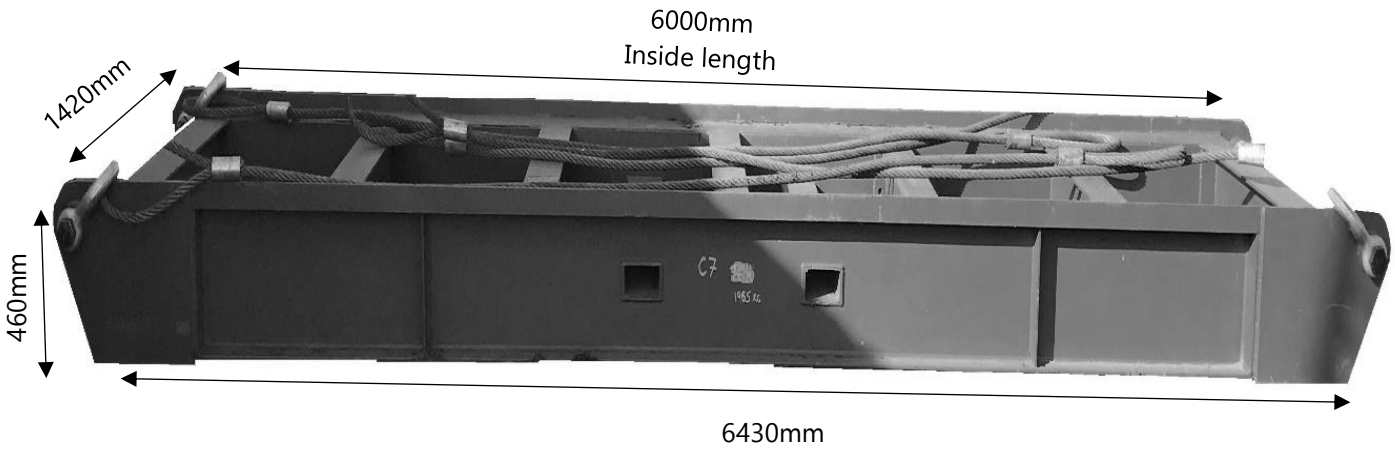


WLL – 20 tonne

Tare Weight – 1450kg

LARGE WEIGHT CRADLE

(C7)

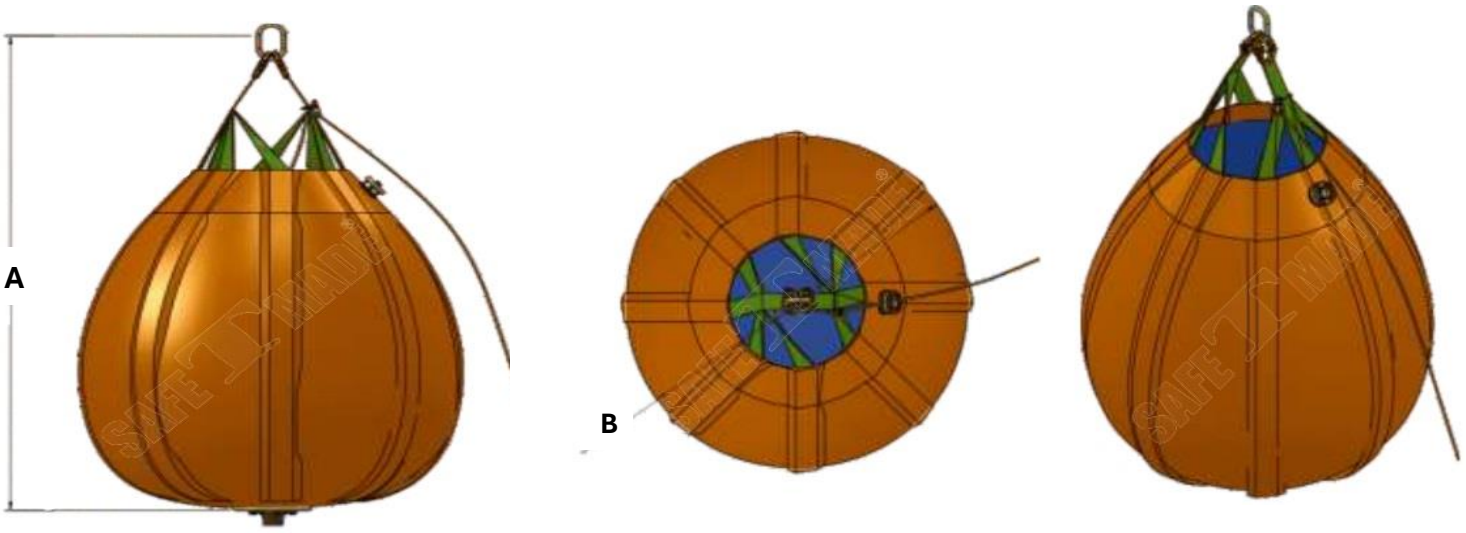


WLL – 52 tonne

Tare Weight – 2 tonne

WATER BAG HIRE

We have 4 water bags available for hire 2 tonne, 3 tonne, 5 tonne and 10 tonne – calibrated load cell available to suit each size.



WLL tonne	A cm	B Ø cm	Empty Weight kgs	Volume M^3
2.00	320	160	42	2
3.00	350	200	55	3
5.00	440	200	75	5
10.00	500	250	103	10

OUR SERVICES

We have LEEA qualified engineers readily available to support all your lifting requirements. From equipment supply and repairs to thorough inspections, certified load testing, and advanced non-destructive testing (NDT), we provide a complete, reliable service to keep your operations safe, compliant, and efficient.

MEET OUR ENGINEERS

All of our engineers are qualified to LLEEA standards as a minimum, with CSCS certification held as standard across our workforce. In addition, our team possesses a wide range of supplementary competencies, including IPAF certification, confined space training, working at height qualifications, first aid certification, and expertise in container CSC inspections, ensuring we can operate safely and effectively across a broad range of environments and project requirements.

Neil Arabi

Robert Gillespie

Kevin Gilluley

Brian McPhee

Dean Bouzidi

Michael McConnachie

Emil Emmanuel

John Adam

Lifting Equipment Engineers Association
Lifting Standards Worldwide™

Scottish Engineering

nqa.
ISO 9001
QUALITY MANAGEMENT

LIFTING EQUIPMENT SUPPLY & REPAIR

We supply and repair a wide range of lifting equipment, working closely with multiple manufacturers to provide solutions that meet both performance requirements and budget considerations - all products are supplied with the relevant certification for compliance and traceability. Our stocked products are available to browse within this brochure; however, this is not an exhaustive list, so please feel free to contact us if there is anything you require that you cannot see.

For equipment requiring repairs, we can source genuine spare parts and operate a fully equipped workshop staffed by Lifting Equipment Engineers Association (LEEA) qualified engineers, enabling us to carry out repairs efficiently and to a high standard.

All supply and repair work is quoted in advance by our office team before any work proceeds, and we're happy to accommodate any preferred suppliers you may wish us to use.

INSPECTIONS – ON-SITE OR IN-HOUSE

We provide comprehensive Lifting Operations and Lifting Equipment Regulations 1998 (LOLER) inspections for all types of lifting equipment, carried out either at our fully equipped workshop or on-site across Scotland and Northern England. We are also able to support projects further afield where required—having previously undertaken work internationally—so please contact us to discuss any specific travel requirements.

Our fleet of fully equipped mobile inspection vehicles enables us to deliver an efficient and responsive on-site service, with a wide range of inspection tools and spare parts readily available. Upon completion of each inspection, a detailed Report of Thorough Examination is issued, clearly outlining the equipment identification, Safe Working Load (SWL), inspection date, and next due date. We also offer a robust colour-coding system, utilising cable ties or Ritchie tags that are updated every six months, helping to ensure only compliant equipment remains in service.

In accordance with LOLER, lifting accessories—including slings, shackles, and eyebolts—must undergo inspection at a minimum of every six months. For lifting appliances and machinery such as chain blocks, lever hoists, cranes, winches, and forklifts operating within marine, shipping, and offshore environments, guidance from the Maritime and Coastguard Agency (MCA) recommends annual thorough examination, with proof load testing carried out every five years to maintain safety and regulatory compliance

LOAD TESTING

Our in-house capabilities include 30-tonne and 100-tonne hydraulic test beds, supported by a range of hydraulic jigs, rams, and purpose-built testing frames. This enables us to design and engineer bespoke solutions for the load testing of a wide variety of lifting accessories. In addition, our fleet of mobile testing units is fully equipped to deliver flexible and efficient on-site load testing services across diverse applications.

As highlighted within this brochure, we also maintain a comprehensive range of calibrated test weights, complete with suitable cradles, which can be safely transported to site and utilised for load testing operations where required.

Following completion of testing, all equipment is issued with certification clearly stating the Safe Working Load (SWL) and/or Proof Load (PL). Where required, we can also affix durable test plates to each item, providing clear identification including equipment ID, SWL, and test date to ensure full traceability.

DESTRUCTIVE AND NON-DESTRUCTIVE TESTING

We provide both destructive and non-destructive testing services to verify the strength, integrity, and suitability of lifting equipment. Destructive testing can be carried out on sample items to establish Safe Working Loads by confirming the maximum breaking load under controlled conditions.

Our non-destructive testing (NDT) services include Magnetic Particle Inspection (MPI) and Dye Penetrant Inspection (DPI), which can be conducted both prior to and following load testing. These methods are effective in identifying surface and near-surface defects not visible to the naked eye, ensuring any potential weaknesses are detected and addressed, and maintaining the highest standards of safety and reliability.

CERTIFICATION

We have an online certification portal which means you can access your certificates anytime from anywhere.

SCOTIA HANDLING SERVICES

LIFTING EQUIPMENT | LOAD TESTING | HEIGHT SAFETY | WIRE RIGGING
Tel: 01505 321 127 | Fax: 01505 321 333

Email: sales@scotiahandling.co.uk | Web: www.scotiahandling.co.uk
68 Bridge Street, Linwood, Paisley, PA3 3DR

REPORT OF THOROUGH EXAMINATION

Lifting Operations Lifting Equipment Regulations 1998 (LOLER)

Date of Thorough Examination:	Date of Report:	Report Number:	Job Number:
02 Apr 2026	02 Apr 2026	Testing Equipment/AA96017	Testing Equipment

Name & Address of Employer for Whom the Thorough Examination was made:	Address of Premises at Which the Examination was made:
Scotia Handling Services Limited 68 Bridge Street Linwood Renfrewshire, PA3 3DR	**Scotia Handling Services** **Location** SHS

Identification	Description	Safe Working Load(s)	Date of Last Thorough Examination
GT6A17	1" dia galvanised alloy bow shackle	8.5 tonne	Unknown
Quantity	1		

Is this the First Examination after Installation or Assembly i.e. relates to the supply of new goods?	What is the Correct Examination Schedule for this Equipment?	
No	Within an Interval of 6 Months	Yes
	Within an Interval of 12 Months	No
If this is a new installation, has the equipment been installed correctly?	In Accordance with an Exam Scheme	No
N/A	After the Occurrence of Exceptional Circumstances	No

Identification of any part found to have a defect which is or could become a danger to persons and a description of the defect: (If none state NONE)	Is the defect an existing or imminent danger to persons *Note-This is a reportable defect	Is this a defect which is not yet but could become a danger to persons If YES state the date by when	Particulars of any repair, renewal or alteration required to remedy the defect identified
None			N/A

Particulars of Examination Carried Out:
Visual examination and functional test (if applicable) carried out as part of thorough examination by Competent Person
Has Any Additional Testing Been Carried Out as Part of the Examination?
No
Particulars of Additional Testing Carried Out:
None

IS THIS EQUIPMENT SAFE TO OPERATE	Yes

Name & Qualification of the Person Making this Report	Name of Person Authenticating this Report	Latest Date by Which Next Thorough Examination Must be Carried Out
		02 Oct 2026 - -
Dean Bouzidi	**Margaret Mill**	
Company Appointed Person	**Managing Director**	

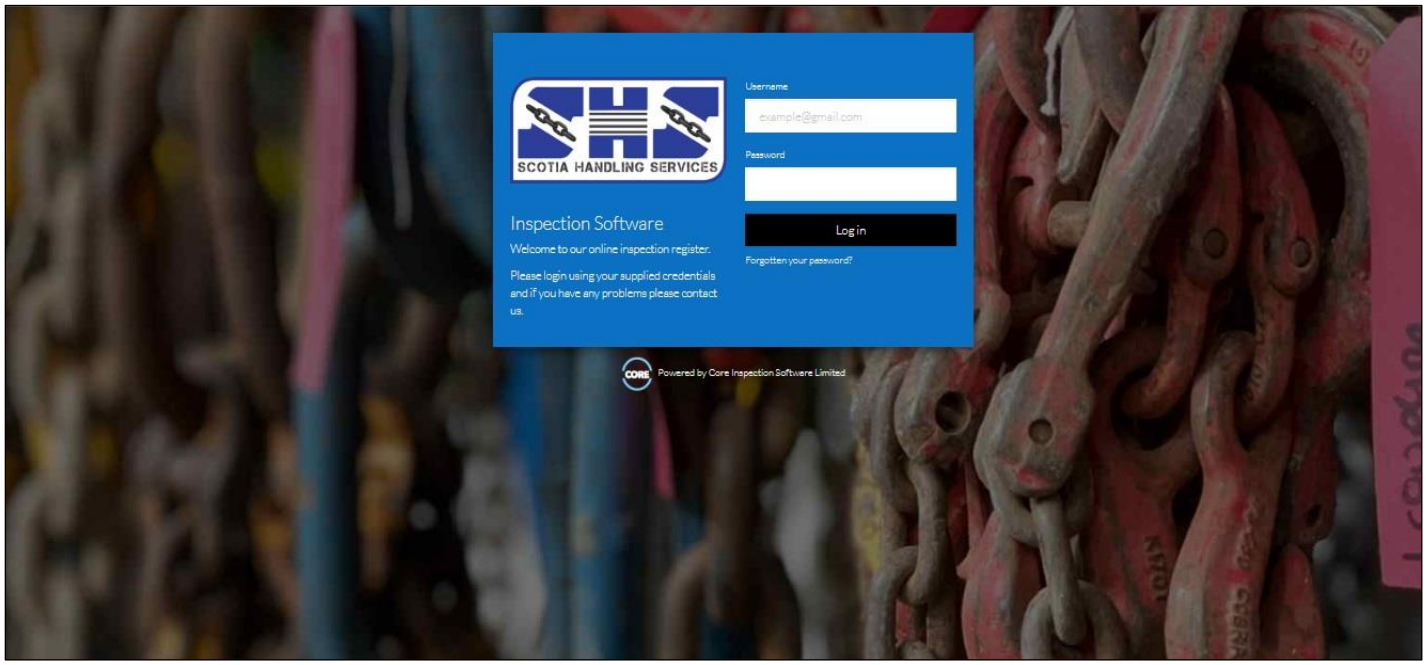
The details contained in this certificate when relating to a **supply of new goods** are a true and accurate copy of the manufacturer's original certificate which is kept on file by Scotia Handling Services and can be provided on request. All previous records of test, examination, maintenance etc must be retained and cross referenced for inspection with this report. Instructions for use for all lifting equipment are available on request from Scotia Handling Services Limited.

CERTIFICATION PORTAL

Please contact our office to be set up on our certification portal. Once this has been actioned you should receive a link to login, your username will always be your email address and it should ask you to create your own password.

To access our portal please use the below URL
(the system works best on Google Chrome browser)

https://scotia.coreinspection.com/

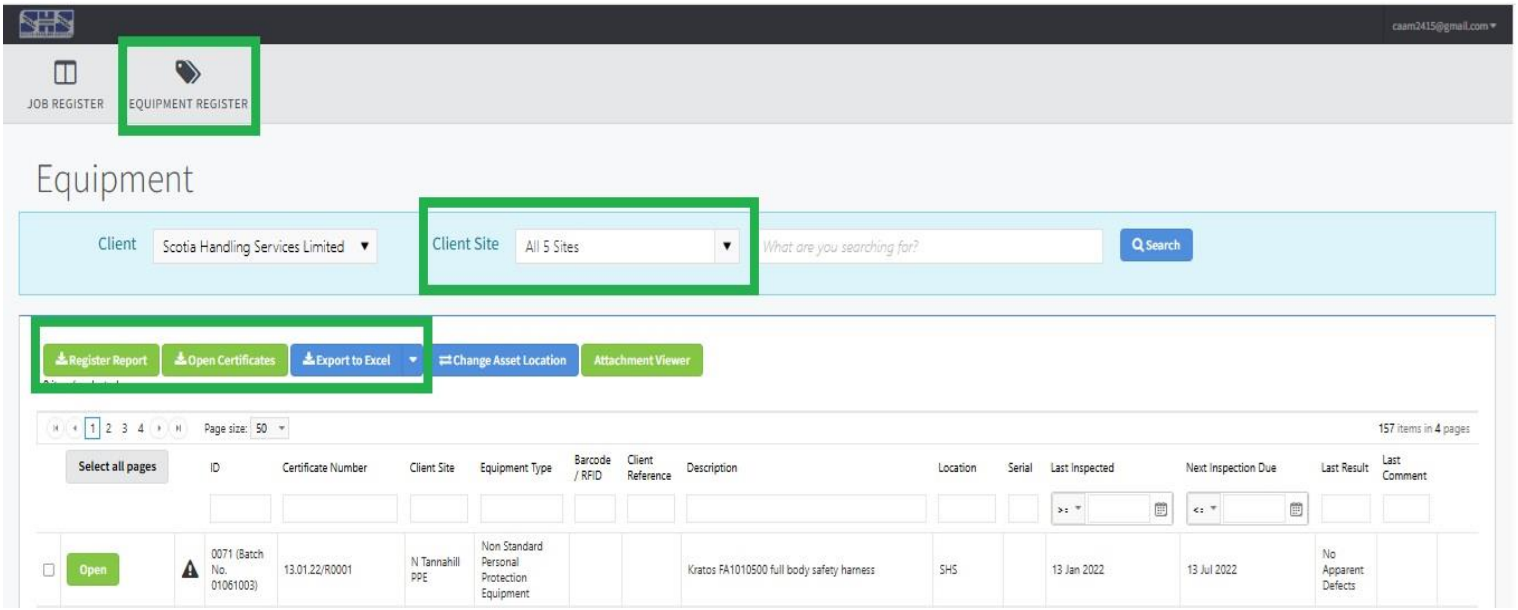


EQUIPMENT REGISTER

Once logged on to the system your equipment register should be showing on screen. Here you have a full list of equipment which has been certified by Scotia Handling Services.

From here, you can –

- Filter the equipment to view a specific site using the drop down menu 'Client Site'
- Quickly see the expiry date for your equipment
- See the status of each item – no apparent defects/defective
- Search for a specific item using the relevant search boxes
- Filter your equipment to the most recently inspected
- Filter your equipment to the soonest due to expire
- Download a full register summary report for all equipment selected
- Download certificates for all equipment selected
- Export your equipment register to an excel file



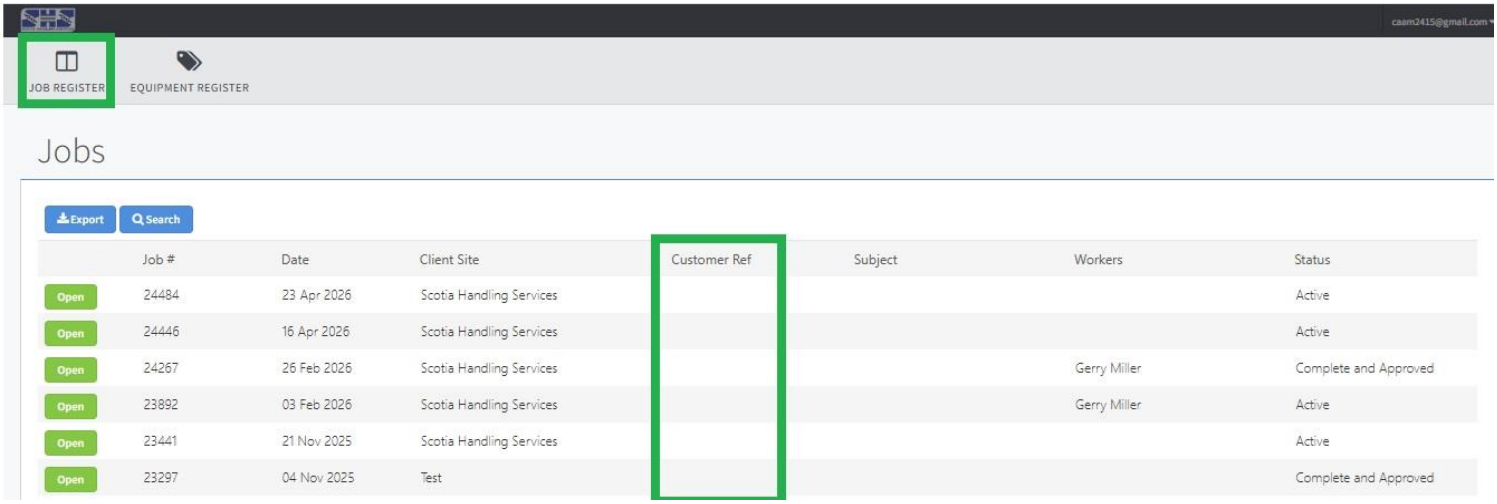
Once you have clicked into an item, you will be able to see the full inspection history and download any historical certification required.

JOB REGISTER

Using the 'Job Register' tab at the top left of the screen will show you all complete jobs carried out by Scotia Handling Services.

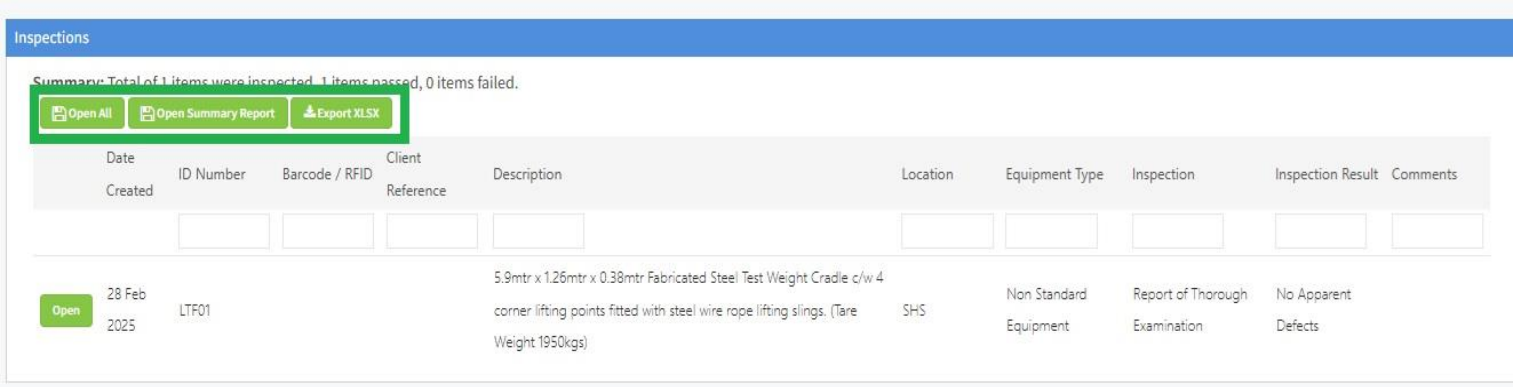
From here, you can –

- Search jobs by date
- Search jobs by customer reference/PO number



Once clicked into a job you will be able to –

- See all items inspected on this job
- See the status of each item – no apparent defects/defective
- Search for a specific item inspected on the job using the relevant search boxes
- Download a full register summary report for all equipment inspected on the job
- Download certificates for all equipment inspected on the job
- Export your equipment register to an excel file



STRENGTH • SAFETY • PERFORMANCE

CONTACT US

SCOTIA HANDLING SERVICES

Industrial Lifting & Rigging Services

68 Bridge Street, Linwood, PA3 3DR

01505 321127

sales@scotiahandling.co.uk

www.scotiahandling.co.uk