

HH

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Lifting Equipments Catalouge



G L O N E T V



B A L V O R K



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ELECTRIC CHAIN HOISTS

CE ISO9001
ISO14001

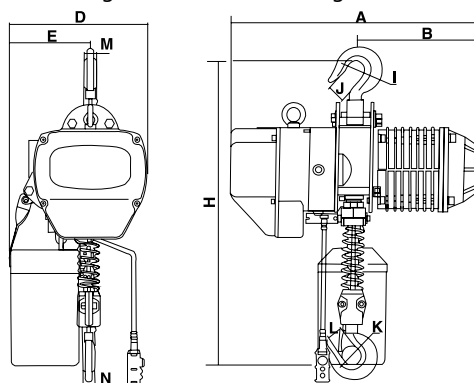


ELECTRIC CHAIN HOIST MODEL : SHK-A - M4



Technical information:

- 3 Phase / 380 V / 50 HZ
- Class IP 54 Protection System
- Isolation Class F
- Single / Dual speed
- FEM 1Am / ISO M4
- Magnetic Braking Device
- Anti phase protecting device
- Upper and Lower Limit switch plus overload clutch
- Emergency stop switch
- 1 loading direction , 1 unloading direction



TECHICAL SPECIFICATION	ProductCode	Capacity	Hmin	A	B	D	E	I	J	K	L	M	N
		(t)											
	SHK-A-005-1S	0.5	530	460	230	288	165	31	29	31	29	20	20
	SHK-A-005-1D			545	260								
	SHK-A-010-1S	1	650	520	260	300	176	42	32	42	32	24	24
	SHK-A-010-1D			582	280								
	SHK-A-020-2S	2	835	520	260	300	236	49	40	49	40	30	30
	SHK-A-020-2D			582	280								
	SHK-A-030-2S	3	950	615	295	430	320	59	48	59	48	35	35
	SHK-A-030-2D			670	313								
	SHK-A-050-2S	5	1030	615	295	430	325	60	48	60	48	43	43
	SHK-A-050-2D			670	313								

TECHICAL SPECIFICATION	ProductCode	Capacity	Classification	Duty Rating	Lifting speed	Hoist Motor	Load chain Dimenesion	Load-Chain Falls	Netweighth (kg) with 3m Load Chain
		(t)	FEM/ISO	(ED)	(m/min)	(Kw)	(mm)		
	SHK-A-005-1S	0.5	1Am/M4	30%	72	1.1	63x19	1	47
	SHK-A-005-1D			20% 10%	72/24	1.1/0.37			54
	SHK-A-010-1S	1	1Am/M4	30%	68	15	7.1x21	1	65
	SHK-A-010-1D			20% 10%	68/23	15/0.5			75
	SHK-A-020-2S	2	1Am/M4	30%	34	1.5	7.1x21	2	73
	SHK-A-020-2D			20% 10%	3.4/1.1	1.5/0.5			83
	SHK-A-030-2S	3	1Am/M4	30%	3.3	3.0	10x30	2	131
	SHK-A-030-2D			20% 10%	3.3/1.1	3.0/1.1			151
	SHK-A-050-2S	5	1Am/M4	30%	28	30	112x34	2	145
	SHK-A-050-2D			20% 10%	28/0.9	30/1.0			165



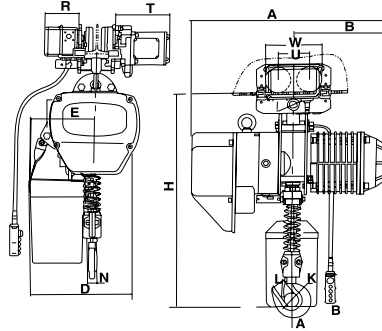
ELECTRIC CHAIN HOIST WITH TROLLEY

MODEL : SHK-AM - M4



Technical information:

- 3 Phase / 380 V / 50 HZ
- Class IP 54 Protection System
- Isolation Class F
- Single / Dual speed
- FEM 1Am / ISO M4
- Magnetic Braking Device
- Anti phase protecting device
- Upper and Lower Limit switch plus overload clutch
- Emergency stop switch
- 2Traveling Directions ,
1 loading direction , 1 unloading direction



TECHICAL SPECIFICATION	ProductCode	Capacity	Hmin	A	B	D	E	I	K	L	N	W	U
		(t)											
	SHK-AM-005-1S SHK-AM-005-1D	0.5	635	460 545	230 260	288	165	31	31	29	20	180	100
	SHK-AM-010-1S SHK-AM-010-1D	1	650	520 582	260	300	176	31	42	32	24	207	113
	SHK-AM-020-2S SHK-AM-020-2D	2	815	520 582	260 280	300	236	36	49	40	30	237	127
	SHK-AM-030-2S SHK-AM-030-2D	3	930	615 670	295 313	430	320	43	59	48	35	265	140
	SHK-AM-050-2S SHK-AM-050-2D	5	1015	615 670	295 313	430	325	54	60	48	43	296	156

TECHICAL SPECIFICATION	ProductCode	Capacity	Classification	Duty Rating	Lifting speed	Hoist Motor	Traveling Speed	Trolley Motor	Beam Flange	Load chain Dimension	Load-Chain Falls	Netweighth (kg) with 3m LoadChain
		(t)	FEM/ISO	(ED)	(m/min)	(Kw)	(m/min)	Kw	(mm)	(mm)		
	SHK-AM-005-1S SHK-AM-005-1D	0.5	1Am/M4	30% 20% 10%	72 72/24	1.1 1.1/0.37	11	0.4	75-178	63x19	1	83 90
	SHK-AM-010-1S SHK-AM-010-1D	1	1Am/M4	30% 20% 10%	68 68/23	15 1.5/0.5	11	0.4	75-178	7.1x21	1	101 111
	SHK-AM-020-2S SHK-AM-020-2D	2	1Am/M4	30% 20% 10%	34 34/1.1	15 1.5/0.5	11	0.4	82-178	10x30	2	116 126
	SHK-AM-030-2S SHK-AM-030-2D	3	1Am/M4	30% 20% 10%	33 33/1.1	3.0 3.0/1.0	11	0.75	100-178	10x30	2	205 225
	SHK-AM-050-2S SHK-AM-050-2D	5	1Am/M4	30% 20% 10%	28 28/0.9	30 3.0/1.0	11	0.75	112-178	11.2x34	2	221 241

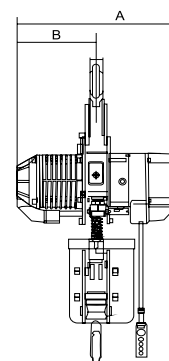
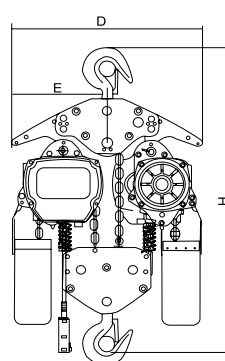
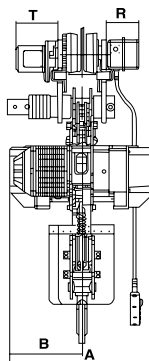
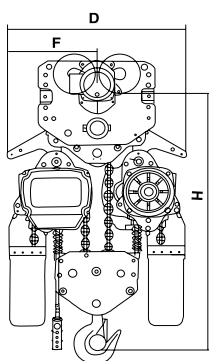


ELECTRIC CHAIN HOIST WITH TROLLEY MODEL : SHK-AM - M4



Technical information:

- 3 Phase / 380 V / 50 HZ
- Class IP 54 Protection System
- Isolation Class F
- Single / Dual speed
- FEM 1Am / ISO M4
- Magnetic Braking Device
- Anti phase protecting device
- Upper and Lower Limit switch plus overload clutch
- Emergency stop switch
- 2Traveling Directions ,
1 loading direction , 1 unloading direction



TECHICAL SPECIFICATION	ProductCode	Capacity	Hmin	A	B	D	E	R	T
		(t)							
	SHK-A-100-4S	10	1400	630	315	890	445	/	/
	SHK-A-100-4D			670	388				
	SHK-AM-100-4S	10	1190	630	315	890	445	142	231
	SHK-AM-100-4D			670	388				

TECHICAL SPECIFICATION	ProductCode	Capacity	Classification	Duty Rating	Lifting speed	Hoist Motor	Traveling Speed	Trolley Motor	Beam Flange	Load chain Dimenesion	Load-Chain Falls	Netweighth (kg) with 3m Load Chain
		(t)	FEM/ISO	(ED)	(m/min)	(Kw)	(m/min)	Kw	(mm)	(mm)		
	SHK-A-100-4S	10	1Am/M4	30%	2.8	2x3	/	/	/	11.2 x 34	4	300
	SHK-A-100-4D			20% 10%	2.8/0.9	2x3/1						360
	SHK-AM-100-4S	10	1Am/M4	30%	2.8	2x3	11	0.75	150-220	11.2 x 34	4	436
	SHK-AM-100-4D			20% 10%	2.8/0.9	2x3/1						498

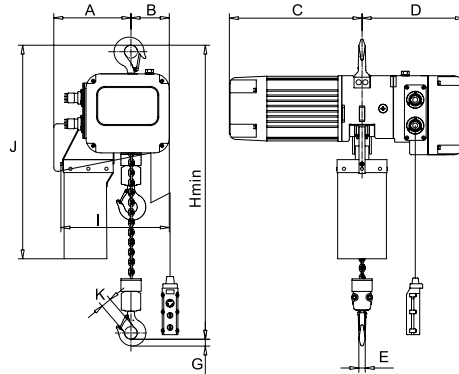
ELECTRIC CHAIN HOIST

MODEL : SHH-A - M5



Technical information:

- 3 Phase / 380 V / 50 HZ
- Class IP 55 Protection System
- Isolation Class F
- Single / Dual speed
- FEM 2Am / ISO M5
- Magnetic Braking Device
- Anti phase protecting device
- Upper and Lower Limit switch plus overload clutch
- Emergency stop switch
- 1 loading direction , 1 unloading direction



TECHICAL DIMENSION	ProductCode	Capacity	Hmin	A	B	C	D	I	J	K
		(t)								
	SHH-A-005-1S	0.5	410	142	102	329	307	276	610	31
	SHH-A-005-1D					334				
	SHH-A-010-1S	1	460	142	102	329	307	276	630	38
	SHH-A-010-1D					354				
	SHH-A-020-2S	2	650	185	59	329	307	276	720	45
	SHH-A-020-2D					354				
	SHH-A-030-1S	3	525	185	165	358	336	430	780	45
	SHH-A-030-1D					471				
	SHH-A-050-1S	5	860	240	110	358	336	430	870	61
	SHH-A-050-1D					471				

TECHICAL SPECIFICATION	ProductCode	Capacity	Classification	DutyRating	Lifting speed	Hoist Motor	Load chain Dimension	Load-Chain Falls	Netweighth (kg) with 3m Load Chain
		(t)	FEM/ISO	(ED)	(m/min)	(Kw)	(mm)		
	SHH-A-005-1S	0.5	2Am/M5	40%	76	1.1	63x19	1	46
	SHH-A-005-1D			26.6% 13.4%	76/25	1.1/037			54
	SHH-A-010-1S	1	2Am/M5	40%	50	15	80x24	1	50
	SHH-A-010-1D			26.6% 13.4%	50/17	15/05			62
	SHH-A-020-2S	2	2Am/M5	40%	25	15	80x24	2	60
	SHH-A-020-2D			26.6% 13.4%	25/085	15/05			73
	SHH-A-030-1S	3	2Am/M5	40%	60	30	112x34	1	102
	SHH-A-030-1D			26.6% 13.4%	60/20	30/10			124
	SHH-A-050-1S	5	2Am/M5	40%	30	30	112x34	2	124
	SHH-A-050-1D			26.6% 13.4%	30/10	30/10			146

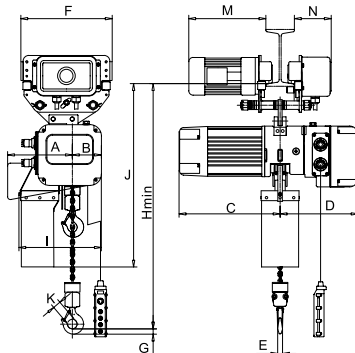


ELECTRIC CHAIN HOIST WITH TROLLEY MODEL : SHH-AM - M5



Technical information:

- 3 Phase / 380 V / 50 HZ
- Class IP 55 Protection System
- Isolation Class F
- Single / Dual speed
- FEM 2Am / ISO M5
- Magnetic Braking Device
- Anti phase protecting device
- Upper and Lower Limit switch plus overload clutch
- Emergency stop switch
- 2Traveling Directions
- 1 loading direction , 1 unloading direction



TECHICAL SPECIFICATION	Product Code	Capacity	Hmin	A	B	C	D	F	J	K	M	N
		(t)										
	SHH-AM-005-1S	0.5	398	142	102	319	273	340	650	31	310	135
	SHH-AM-005-1D					329					336	
	SHH-AM-010-1S	1	460	142	102	319	273	340	650	38	310	135
	SHH-AM-010-1D					329					336	
	SHH-AM-020-2S	2	650	185	59	319	273	340	650	45	312	135
	SHH-AM-020-2D					349					338	
	SHH-AM-030-1S	3	525	185	165	358	336	370	810	45	314	140
	SHH-AM-030-1D					471					340	
	SHH-AM-050-1S	5	860	240	110	358	336	410	850	61	360	142
	SHH-AM-050-1D					471					410	

TECHICAL SPECIFICATION	Product Code	Capacity	Classification	Duty Rating	Lifting speed	Hoist Motor	Traveling Speed	Trolley Motor	Beam Flange	Load chain Dimenesion	Load-Chain Falls	Net weighth (kg) with m Load Chain
		(t)	FEM/ISO	(ED)	(m/min)	(Kw)	(m/min)	Kw	(mm)	(mm)		
	SHH-AM-005-1S	0.5	2Am/M5	40%	7.6	0.9	13.5	0.2	135	6.3x19	1	72
	SHH-AM-005-1D			26.6% 13.4%	7.6/2.5	0.9/0.3	20/6.7	0.2/0.067				96
	SHH-AM-010-1S	1	2Am/M5	40%	5.0	1.1	13.5	0.2	135	8x24	1	76
	SHH-AM-010-1D			26.6% 13.4%	5.0/1.7	1.1/0.37	20/6.7	0.2/0.067				100
	SHH-AM-020-1S	2	2Am/M5	40%	2.5	1.1	13.5	0.4	135	8x24	2	97
	SHH-AM-020-1D			26.6% 13.4%	2.5/0.85	1.1/0.37	20/6.7	0.4/0.13				111
	SHH-AM-030-1S	3	2Am/M5	40%	6.0	3.0	13.5	0.4	140	11.2x34	1	154
	SHH-AM-030-1D			26.6% 13.4%	6.0/2.0	3.0/1.0	18/6	0.4/0.13				180
	SHH-AM-050-1S	5	2Am/M5	40%	3.0	3.0	13.5	0.75	142	11.2x34	2	192
	SHH-AM-050-1D			26.6% 13.4%	3.0/1.0	3.0/1.0	18/6	0.75/0.25				



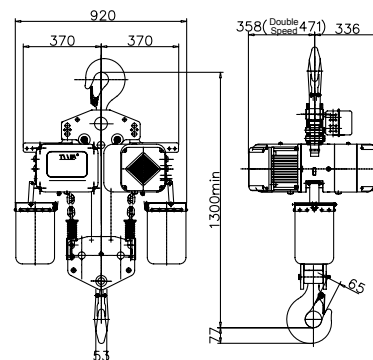
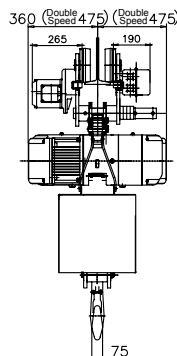
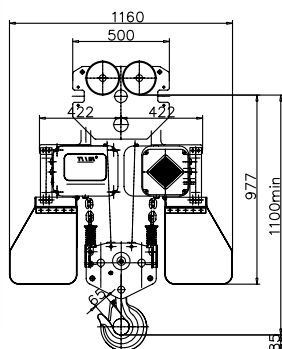
ELECTRIC CHAIN HOIST WITH TROLLEY

MODEL : SHH-AM - M5



Technical information:

- 3 Phase / 380 V / 50 HZ
- Class IP 55 Protection System
- Isolation Class F
- Single / Dual speed
- FEM 2Am / ISO M5
- Magnetic Braking Device
- Anti phase protecting device
- Upper and Lower Limit switch plus overload clutch
- Emergency stop switch
- 2Traveling Directions
- 1 loading direction , 1 unloading direction



TECHICAL SPECIFICATION	ProductCode	Capacity	Classification	DutyRating	Lifting speed	Hoist Motor	Traveling Speed	Trolley Motor	Beam Flange	Load chain Dimenesion	Load-Chain Falls	Netweigth (kg) with 3m Load Chain
		(t)	FEM/ISO	(ED)	(m/min)	(Kw)	(m/min)	Kw	(mm)	(mm)		
	SHH-A-100-4S	10	2Am/M5	40%	3	2x3	/	/	/	11.2 x 34	4	320
	SHH-A-100-4D			26 . 6 % 13 . 4 %	3/1	2x3/1						364
	SHH-AM-100-4S	10	2Am/M5	40%	3	2x3	11	0.75	150 - 220	11.2 x 34	4	420
	SHH-AM-100-4D			26 . 6 % 13 . 4 %	3/1	2x3/1						464

MANUAL CHAIN HOISTS



ISO9001
ISO14001

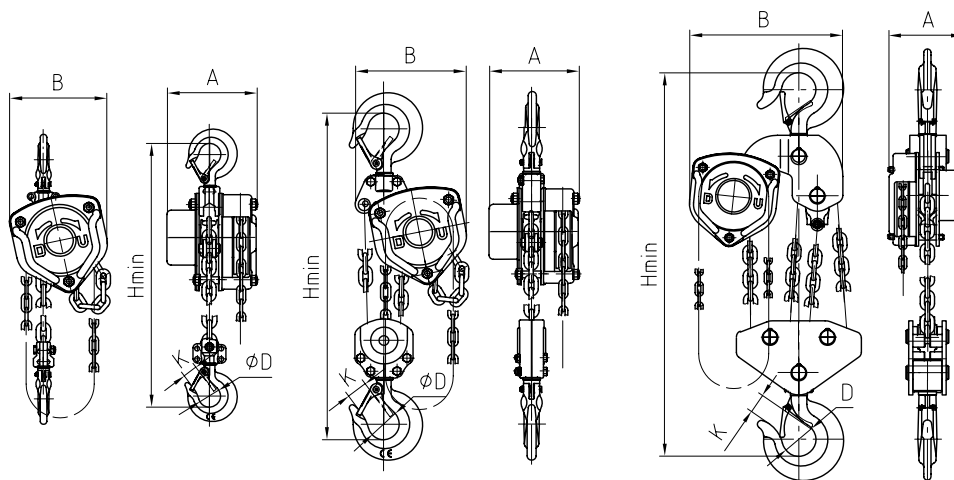


HEAVY DUTY CHAIN HOIST

MODEL : HDCH A619

Technical information:

- Each hoist is made with high performance materials for extra durability.
- Black Color finish with high strength steel frame.
- Meets the W.L.L. performance requirements of BS EN 13157.
- Minimum break load 4 times the W.L.L.
- Grade 80 (T – Fine tolerance calibrated) load chain, meets the WLL performance requirements of BSEN 818-7.
- Spur gear efficiency reduces operator effort , Double guide rollers enhance performance , safety and reliability
- Top and bottom hooks with heavy duty cast catches.
- Over load protection system.
- Mill Test Certificate Available.



0.5t\1t\1.5t\2t

3t\5t

10t

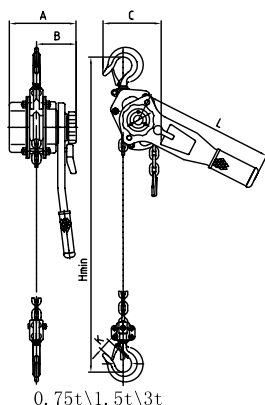
TECHICAL SPECIFICATION	ProductCode	Capacity (Kgs)	A (mm)	B (mm)	D (mm)	Hmin (mm)
	HDCH 61900500	500	137.5	137	34	270
	HDCH 619001000	1,000	146.5	162	40	340
	HDCH 619001500	1,500	170	183	45	399
	HDCH 619002000	2,000	170	194	50	419
	HDCH 619003000	3,000	190.4	220	55	512
	HDCH 619005000	5,000	190	288	65	625
	HDCH 6190010000	10,000	209	384	85	743
	HDCH 6190020000	20,000	312	625	110	890
	HDCH 6190030000	30,000	496	691	110	1380

TECHICAL SPECIFICATION	Capacity (Kgs)	Effort required to lift max load (N)	Load chain Diameter (mm)	Load Chain Falls	Net weight (kg) with 3m Load Chain
	500	200	6	1	87
	1000	320	6	1	108
	1500	360	8	1	152
	2000	365	8	1	18
	3000	385	8	2	245
	5000	435	10	2	366
	10000	435	10	4	78
	20000	435x2	10	8	164
	30000	435x2	10	12	220

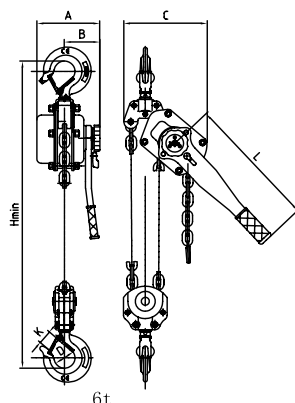
HEAVY DUTY LEVER HOIST MODEL : HDLH A619

Technical information:

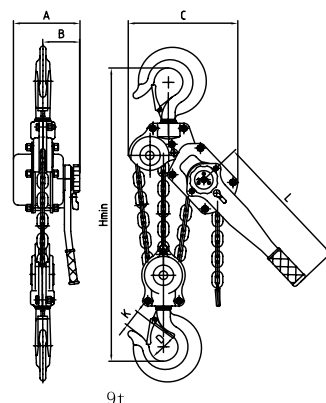
- Lightweight, robust and ensures reliability in every position. It is the ideal tool for lifting, tensioning and lashing.
- Meets the WLL performance requirements of BS EN 13157.
- Black Color finish.
- Minimum break load 4 times the W.L.L.
- Heavy Duty Robust Casing protects gears and brake system.
- Easy to use 360 degree Handle rotation with short stroke to ratchet load.
- Grade 80 (T – Fine tolerance calibrated) load chain meets the WLL performance requirements of BSEN 818-7.
- Top and bottom hooks with heavy duty cast catches.
- Over load protection system.
- Mill Test Certificate Available.



0.75t\1.5t\3t



6t



9t

TECHICAL SPECIFICATION	ProductCode	Capacity	A	B	C	D	Hmin	L	K	LoadChain	Falls of Chains
	(1.5m)	(Kgs)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
	HDLH61900750	750	148	88	135	37	320	290	26	6	1
	HDLH61901500	1500	176	102	162	45	380	420	325	8	1
	HDLH61903000	3000	195	109	211	50	480	420	37	10	1
	HDLH61906000	6000	195	109	254	65	620	420	46	10	2
	HDLH61909000	9000	195	109	319	85	700	420	50	10	3

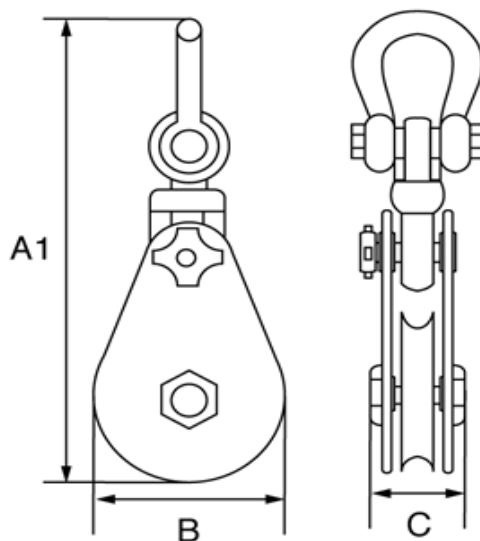
TECHICAL SPECIFICATION	Capacity	Running Test Load	Effort Required to lift rated load	Net weight (kg) with 1.5m Load Chain
	(Kgs)	(KN)	(N)	(Kgs)
	750	9.2	140	63
	1500	18.4	220	11
	3000	36.8	320	18.7
	6000	73.5	340	30
	9000	110.3	360	41.2

LIFTING CLAMPS

CE ISO9001
ISO14001



HH SNATCH BLOCK SHACKLE MODEL : HHSBS

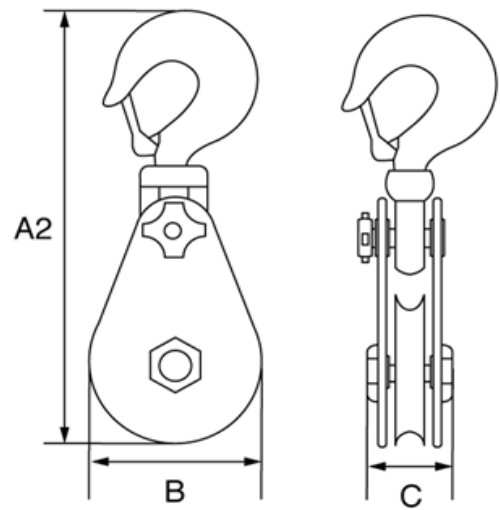


Technical information:

- Carbon steel, light and robust design.
- Black Color finish.
- Minimum breaking load is 4 times the W.L.L.
- 3" and 4.1/2" blocks are fitted with bronze bush. All other sizes are fitted with roller bearings.
- Suitable for all types of industrial and commercial lifting and lowering applications.
- W.L.L. is on the head fitting.
- Mill Test Certification available.

TECHNICAL DIMENSION	ProductCode	SheaveDia	WLL	WireDia.	A1	B	C	Weight
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(Kgs)
	HHSBS32	3	2	7-9	292	82	70	4
	HHSBS44	4.1/2	4	10-12	358	120	70	6
	HHSBS64	6	4	16-18	412	160	70	8
	HHSBS6816	6	8	16-18	475	160	93	15
	HHSBS6820	6	8	20-22	498	160	93	14
	HHSBS88	8	8	20-22	549	210	93	20
	HHSBS1012	10	12	20-22	701	260	114	36
	HHSBS815	8	15	20-22	672	210	98	34
	HHSBS1215	12	15	24-26	797	310	133	54
	HHSBS1422	14	22	28-32	960	365	140	112
	HHSBS1630	16	30	32-35	1085	415	155	170
	HHSBS2030	20	30	32-35	1177	514	162	213
	HHSBS2450	24	50	46-50	1445	625	240	408

HH SNATCH BLOCK SHACKLE MODEL : HHSBH

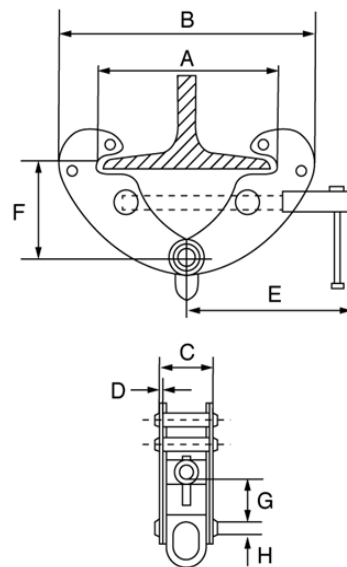


Technical information:

- Carbon steel, light and robust design.
- Black Color finish.
- Minimum breaking load is 4 times the W.L.L.
- 3" and 4.1/2" blocks are fitted with bronze bush. All other sizes are fitted with roller bearings.
- Suitable for all types of industrial and commercial lifting and lowering applications.
- W.L.L. is on the head fitting.
- Mill Test Certification available.

TECHICAL DIMENSION	Product Code	Sheave Dia (INCH)	WLL (t)	Wire Dia. (mm)	A1 (mm)	B (mm)	C (mm)	Weight (Kgs)
	HHSBH32	3	2	7-9	286	82	70	4
	HHSBH44	4.1/2	4	10-12	345	120	70	6
	HHSBH46	6	4	16-18	412	160	70	8
	HHSBH6816	6	8	16-18	480	160	93	15
	HHSBH6820	6	8	20-22	475	160	93	14
	HHSBH88	8	8	20-22	528	210	93	20
	HHSBH1012	10	12	20-22	679	260	114	36
	HHSBH815	8	15	20-22	663	210	98	34
	HHSBH1215	12	15	24-26	884	310	133	54
	HHSBH1422	14	22	28-32	952	365	140	112
	HHSBH1630	16	30	32-35	1085	415	155	170
	HHSBH2030	20	30	32-35	1177	514	162	213
	HHSBH2450	24	50	46-50	1445	625	240	408

HH BEAM CLAMP MODEL : YS TYPE

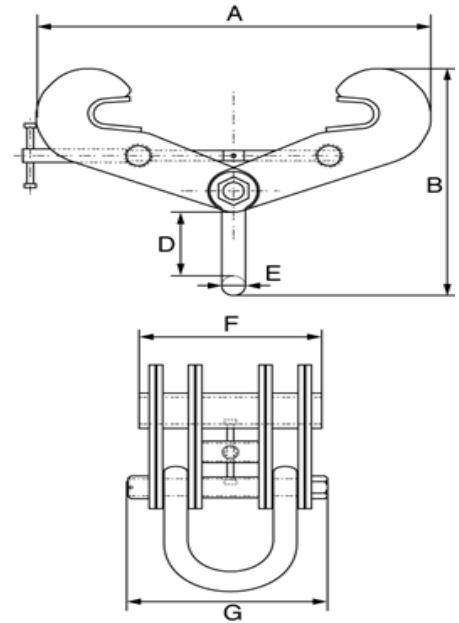


Technical information:

- Heavy duty construction allows safe and secure grip in the beam.
- Black Color finish.
- Meets the performance requirements of BS-EN 13155.
- Minimum breaking load is 4 times the W.L.L.
- Easy and simple mounting.
- Adjustable to fit a wide range of flange widths and beams.
- Special jaw design applies the load away from the flange edge, thus reducing flange stress.
- Mill Test Certification available.

TECHNICAL DIMENSION	ProductCode	WLL	BeamRange	Amax	Bmin	Bmax	C	D	E	Fmin	Fmax	Gmin	Weight
		(Kgs)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kgs)
	YS1000	1000	75-220	270	185	370	80	5	225	90	165	25	3.8
	YS2000	2000	75-220	270	185	370	85	6	225	90	165	25	5
	YS3000	3000	80-320	350	240	500	117	8	258	135	225	45	9
	YS5000	5000	80-320	350	240	500	125	10	258	135	225	45	11
	YS10000	10000	90-320	365	255	510	158	12	280	160	230	50	16

HH BEAM CLAMP WITH LARGE SHACKLE MODEL : WJC TYPE

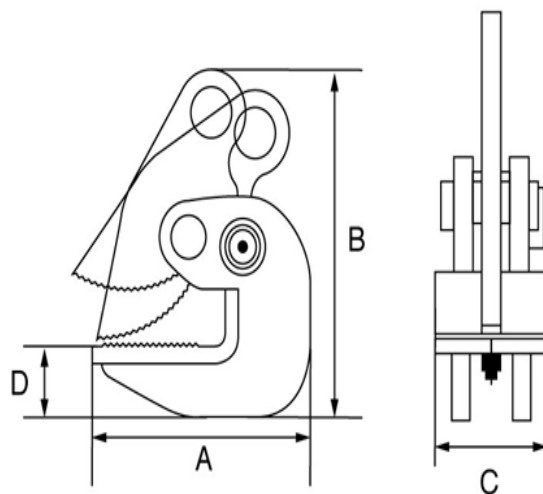


Technical information:

- Heavy duty construction allows safe and secure grip in the beam With wide Shackle .
- black Color finish.
- Meets the performance requirements of BS-EN 13155.
- Minimum breaking load is 4 times the W.L.L.
- Easy and simple mounting.
- Adjustable to fit a wide range of flange widths and beams.
- Special jaw design applies the load away from the flange edge, thus reducing flange stress.
- Mill Test Certification available.

TECHICAL DIMENSION	ProductCode	WLL	BeamRange	Amin	Amax	D	G	Weight
		(Kgs)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kgs)
	WJC1000	1000	75-220	180	330	80	138	5.5
	WJC2000	2000	75-220	180	330	85	156	6.6
	WJC3000	3000	80-320	265	466	117	150	12.5
	WJC5000	5000	80-320	265	466	125	150	17.5
	WJC10000	10000	80-350	285	520	158	200	23

HORIZONTAL PLATE LIFTING CLAMP MODEL : PPD TYPE



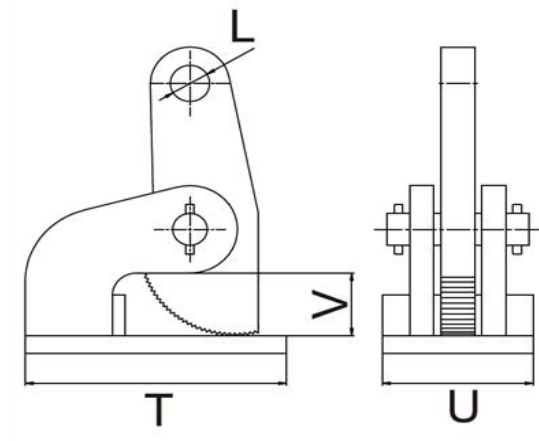
Technical information:

THE HH HORIZONTAL PLATE LIFTING CLAMPS, USED IN PAIRS, ARE IDEAL FOR MOVING STEEL PLATE OR MACHINERY IN A HORIZONTAL POSITION.

- Meets the WLL performance requirements of BS EN 13155.
- Black color finish.
- Especially hardened steel is used in both the serrated teeth and jaws.
- Simple to use with two leg slings at a maximum angle of 90 degrees.
- The HH Clamp is designed to lift one plate at a time.
- The steel plate lifted should be under HRC 37 (HB 345).
- Always ensure the operator has access to operating instructions.

TECHNICAL DIMENSION	Product Code	Capacity per pair (Kgs)	Jaw Opening (mm)	A (mm)	B (mm)	C (mm)	Weight (Kgs per pair)
	PPD1T	1000	0-30	148	205	40	3.5
	PPD1.6T	1600	0-30	155	206	45	4
	PPD2T	2000	0-40	172	245	47	5
	PPD3.2T	3200	0-45	180	245	50	6
	PPD4T	4000	0-50	180	255	52	6.5
	PPD5T	5000	0-55	180	260	56	7.5
	PPD6T	6000	0-65	223	308	62	10.5
	PPD8T	8000	0-100	282	400	65	22
	PPD10T	10000	0-125	325	510	75	33

HORIZONTAL PLATE LIFTING CLAMP MODEL : THKS TYPE



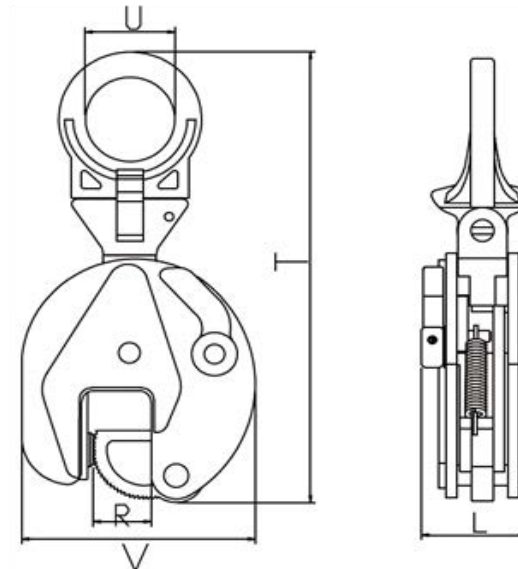
Technical information:

THE HH HORIZONTAL PLATE LIFTING CLAMPS, USED IN PAIRS, ARE IDEAL FOR MOVING STEEL PLATE OR MACHINERY IN A HORIZONTAL POSITION.

- Meets the WLL performance requirements of BS EN 13155.
- Black color finish.
- Especially hardened steel is used in both the serrated teeth and jaws.
- Simple to use with two leg slings at a maximum angle of 90 degrees.
- The HH Clamp is designed to lift one plate at a time.
- The steel plate lifted should be under HRC 37 (HB 345).
- Always ensure the operator has access to operating instructions.

TECHNICAL DIMENSION	Product Code	Capacity per pair (Kgs)	Jaw Opening (mm)	T (mm)	U (mm)	V (mm)	L (mm)	Weight (Kgs per pair)
	THKS0.5T	500	0-35	165	60	43	25	6.2
	THKS1T	1000	0-60	180	80	68	25	12
	THKS1.6T	1600	0-60	180	80	68	25	13
	THKS2T	2000	0-60	180	80	68	25	15
	THKS3T	3000	0-60	220	90	80	25	20
	THKS4T	4000	0-60	220	90	70	30	23
	THKS5T	5000	0-60	220	110	74	30	31
	THKS10T	10000	0-60	220	130	78	40	46

VERTICAL PLATE LIFTING CLAMP MODEL : PCD TYPE



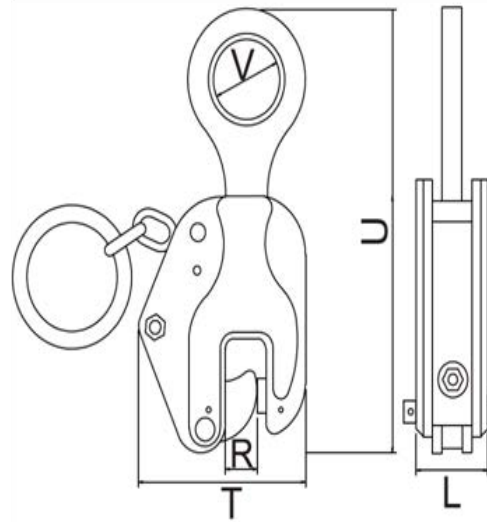
Technical information:

THE HH VERTICAL PLATE LIFTING CLAMP is HIGHLY EFFICIENT AUXILIARY LIFTING PRODUCT.

- Meets the WLL performance requirements of BS EN 13155.
- Black Color finish.
- Especially hardened jaws for extra durability.
- Lifting under 20% of the rated capacity loading is strictly forbidden.
- Overloading is not permitted.
- The Steel plate lifted should be under the HRC 37 (HB 345).
- The HH Clamp is designed to lift one plate at a time
- Always ensure the operator has access to operating instructions.

TECHNICAL DIMENSION	Product Code	Capacity (Kgs)	Jaw Opening (mm)	T (mm)	U (mm)	V (mm)	L (mm)	Weight (Kgs)
	PCD0.5T	500	0-15	205	30	105	48	2
	PCD1T	1000	0-20	300	50	145	66	5
	PCD2T	2000	0-25	385	68	175	75	8
	PCD3.2T	3200	0-30	430	75	215	102	15
	PCD5T	5000	0-50	500	68	232	112	23
	PCD8T	8000	0-55	600	88	290	125	37
	PCD12T	12000	50-90	700	90	420	128	50
	PCD16T	16000	60-100	710	100	445	128	65

VERTICAL PLATE LIFTING CLAMP MODEL : JCD TYPE



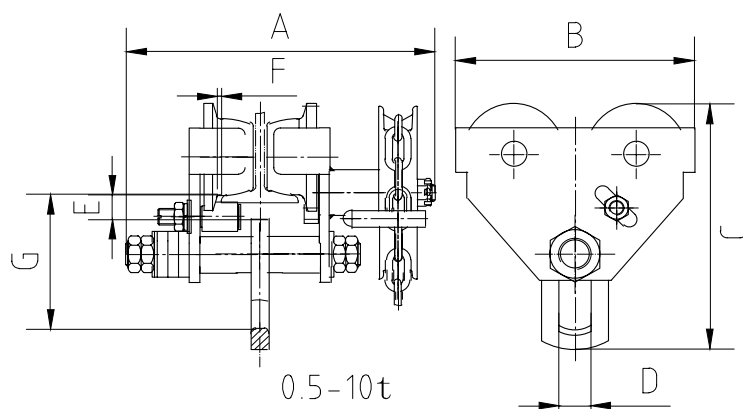
Technical information:

THE HH VERTICAL PLATE LIFTING CLAMP is HIGHLY EFFICIENT AUXILIARY LIFTING PRODUCT.

- Meets the WLL performance requirements of BS EN 13155.
- Black color finish.
- Especially hardened jaws for extra durability.
- Lifting under 20% of the rated capacity loading is strictly forbidden.
- Overloading is not permitted.
- The Steel plate lifted should be under the HRC 37 (HB 345).
- The HH Clamp is designed to lift one plate at a time
- Always ensure the operator has access to operating instructions.

TECHNICAL DIMENSION	Product Code	Capacity	Jaw Opening	T	U	V	L	Weight
		(Kgs)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kgs)
	JCD0.8T	800	0-16	123	265	40	44	2.8
	JCD1T	1000	0-22	124	295	50	54	3.6
	JCD2T	2000	0-30	154	385	54	56	5.5
	JCD3T	3000	0-40	180	400	60	72	10
	JCD5T	5000	0-50	222	483	68	76	17
	JCD8T	8000	0-60	265	535	65	90	26
	JCD10T	10000	0-90	290	600	80	95	32
	JCD12T	12000	60-125	408	700	80	113	48

GEARED TRAVEL TROLLEY MODEL : GCL619



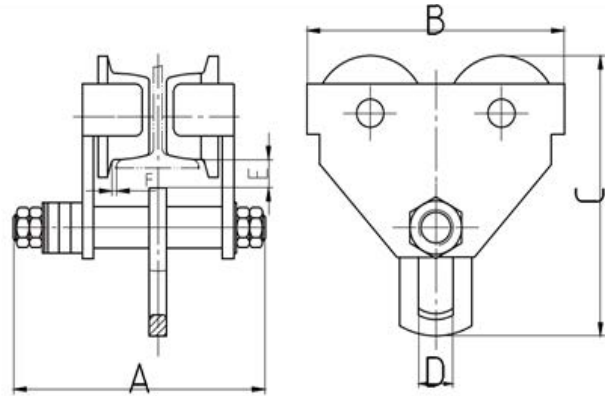
Technical information:

- Meets the WLL performance requirements of BS EN 13157.
- Black Color finish.
- Drop forged bolt type adjuster enables safe and speedy adjustment.
- Lightweight rugged construction.
- High grade steel sealed ball bearings for precise and smooth rolling.
- For use with hand and electric hoists.
- All trolleys are designed for use with same capacity HH Chain Blocks.
- Side plates are produced with trolley wheel guards for additional safety.
- Larger sizes available upon request.

TECHNICAL DIMENSION	Product Code	Capacity	Beam Range	A	B	C	D	Weight
		(Kgs)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kgs)
	GCL0.5T	500	64-140	3085	212	198.5	24	11.6
	GCL1T	1000	76-165	3285	255	231.5	30.5	17
	GCL2T	2000	76-203	361.5	302	278	36	25.5
	GCL3T	3000	88-203	4285	344	338	45	39
	GCL5T	5000	125-203	434	378	393	60	57
	GCL10T	10000	136-203	4875	455	490	82	93
	GCL20T	20000	144-250	523	642	622	110	247.5

PLAIN TRAVEL TROLLEY

MODEL : GCT619

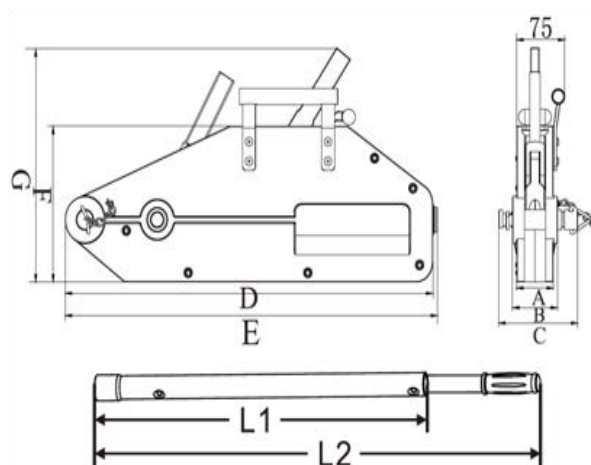


Technical information:

- Meets the WLL performance requirements of BS EN 13157.
- Black Color finish.
- Drop forged bolt type adjuster enables safe and speedy adjustment.
- Lightweight rugged construction.
- High grade steel sealed ball bearings for precise and smooth rolling.
- For use with hand and electric hoists.
- All trolleys are designed for use with same capacity HH Chain Blocks.
- Side plates are produced with trolley wheel guards for additional safety.
- Larger sizes available upon request.

TECHNICAL DIMENSION	ProductCode	Capacity	BeamRange	A	B	C	D	Weight
		(Kgs)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kgs)
	GCT0.5T	500	64-140	230	212	198.5	24	7
	GCT1T	1000	76-165	254	255	231.5	30.5	12
	GCT2T	2000	76-203	294	302	278	36	20.5
	GCT3T	3000	88-203	344	344	338	45	33
	GCT5T	5000	125-203	360	378	393	60	51
	GCT10T	10000	136-203	403	455	490	82	86.5

WIRE ROPE WINCH MODEL : WRW TYPE



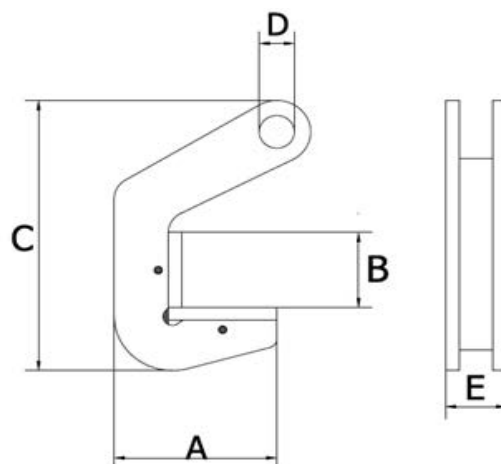
Technical information:

THE HH WIRE ROPE WINCH IS AN EXTREMELY VERSATILE AND PORTABLE UNIT FOR PULLING, LIFTING, LOWERING AND SECURING LOADS THAT IS BOTH EASY AND SAFE TO OPERATE.

- All machines are supplied complete with 20 meter wire rope and an extendable operating lever.
- Wire rope is tapered one end and fitted with a Pin and safety catch at the other end.
- Only the HH Especially manufactured wire rope supplied will ensure correct functioning.
- The machine has low maintenance requirements and is easy to service.
- Overload protection ensures high personal safety when in operation.

TECHNICAL DIMENSION	ProductCode	Capacity	Pulling Capacity	RopeDiameter	Overall length of Body	Overall Width of Body	Overall Height of Body	Weight
		(Kgs)	(Kgs)	(mm)	(mm)	(mm)	(mm)	(Kgs)
	WRW0.8	800	1200	83	420	101	240	6
	WRW1.6	1600	2400	11	545	120	270	11
	WRW3.2	3200	4800	16	645	150	320	22
	WRW5.4	5400	8000	20	935	200	410	56

PIPE LIFTING CLAMP MODEL : TPH TYPE



Technical information:

- For horizontal lifting and transporting of steel and concrete pipes.
- Compact shape and relatively low unit weight with a high lifting capacity.
- The surface is equipped with special plastic to protect the pipe.
- Supplied in pairs.

TECHICAL DIMENSION	ProductCode	CapacityPerPair	B	A	C	D	E	Weight
		(Kgs)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kgs)
	TPH1.5T	1500	40	120	195	27	35	1.5
	TPH3T	3000	60	120	195	27	35	2
	TPH4T	4000	60	120	205	30	40	2.8
	TPH6T	6000	60	120	205	30	40	3.2
	TPH8T	8000	70	120	195	30	35	3.6
	TPH12T	12000	70	120	205	33	40	4
	TPH16T	16000	70	120	205	40	40	8
	TPH18T	18000	70	120	205	52	40	13

DRUM LIFTER MODEL : DL TYPE

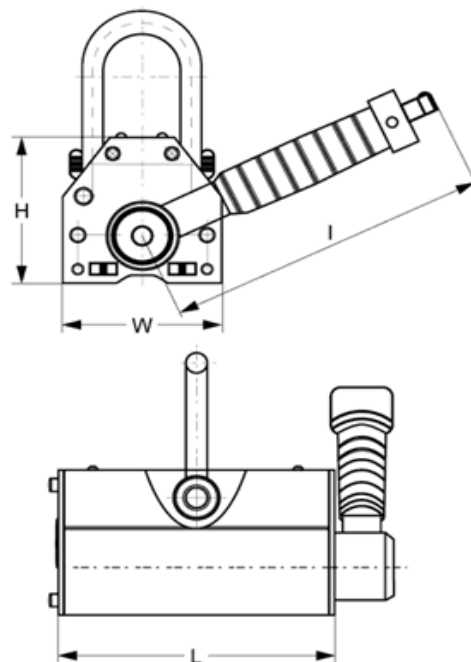


Technical information:

- For safe lifting and transportation of steel drums.
- Automatic locking mechanism.
- Extremely light weight.
- Painted finish.
- Quick and easy operation.
- Marked with CE , capacity, manufacturers ID and traceability code.
- Mill Test Certification available

ProductCode	Capacity	JawOpening	Weight
	(Kgs)	(mm)	(Kgs)
DL1	1000	0-25	3.6

MAGNETIC LIFTER MODEL : PML TYPE

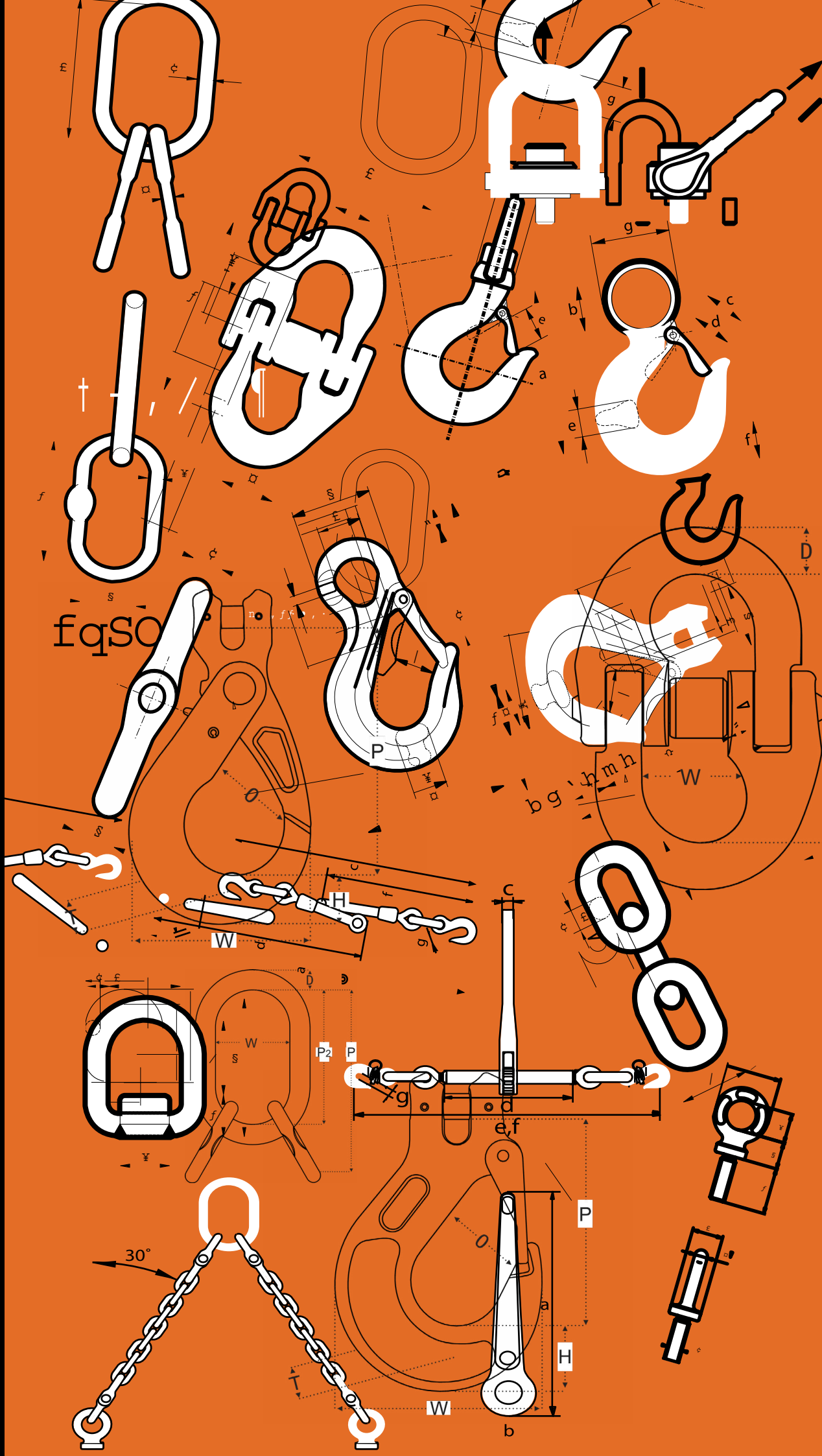


Technical information:

- Permanent magnetic lifter for safe , easy operation and handling .
- Requires no extra power.
- Simple & quick operation.
- Designed for the lifting & handling of magnetic material.
- Conforms to EN 13155 TUV approved.
- Strong magnetic force.
- 3.5 times Safety Factor.

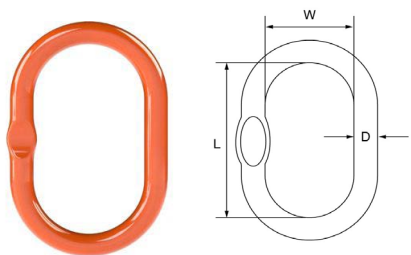
TECHNICAL DIMENSION	ProductCode	Plate Capacity	Cylindrical Capacity	Tear-off Force	L	W	H	I	Working Temperature	Weight
		(Kgs)	(Kgs)	(Kgs)	(mm)	(mm)	(mm)	(mm)	(C)	(Kgs)
	PML600	600	200	2100	236	118	120	219	-40to+80	24
	PML1000	1000	300	3500	264	168	168	266	-40to+80	50
	PML2000	2000	600	7000	378	230	217	462	-40to+80	125
	PML3000	3000	1000	10500	453	290	265	567	-40to+80	220
	PML5000	5000	1500	17500	647	290	265	707	-40to+80	355
	PML6000	6000	2000	19200	713	290	265	707	-40to+80	398

Chain Components G80



CHAIN COMPONENTS G80

HML Master Link G80

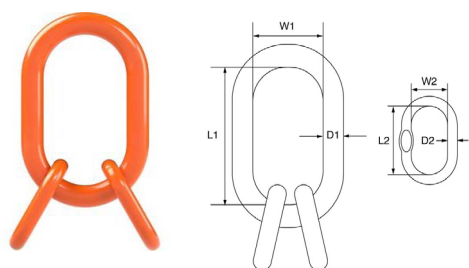


Technical information:

- Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Designed for use with 1 or 2 leg slings.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .
- 4 times Safety Factor.

TECHICAL SPECIFICATION	Product code	SIZE	WLL	D	L	W	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(Kg)
	HML14	1/2	2.50	14	100	60	0.38
	HML18	11/16	4.00	18	160	90	0.85
	HML20	3/4	6.50	20	160	90	1.20
	HML22	7/8	8.00	22	180	100	1.63
	HML25	1	11.50	25	270	140	2.13
	HML28	1-1/8	12.50	28	270	140	3.81
	HML32	1-1/4	16.00	32	270	140	5.05
	HML36	1-3/8	24.00	36	285	155	6.83
	HML40	1-1/2	25.00	40	300	160	8.90
	HML45	1-3/4	31.50	45	340	180	12.80
	HML50	2	45.00	50	390	215	17.30

HMA Master Link assembly G80



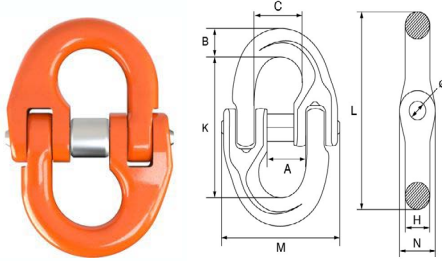
Technical information:

- Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Designed for use with 3 or 4 leg slings.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .
- 4 times Safety Factor.

TECHICAL SPECIFICATION	Product code	SIZE	WLL	D	L1	L2	W1	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HMA1412	1/2	2.40	14	100	185	60	0.38
	HMA1814	11/16	3.20	18	160	260	90	0.85
	HMA2014	3/4	4.20	20	160	260	90	1.20
	HMA2218	7/8	8.00	22	180	330	100	1.63
	HMA2520	1	10.00	25	270	425	140	2.13
	HMA2822	1-1/8	12.00	28	270	430	140	3.81
	HMA3225	1-1/4	17.00	32	270	450	140	5.05
	HMA4031	1-1/2	25.00	40	300	570	160	8.90
	HMA4536	1-3/4	31.50	45	340	625	180	12.80
	HMA5045	2	45.00	50	350	690	190	17.30

CHAIN COMPONENTS G80

HCX Connecting Link G80

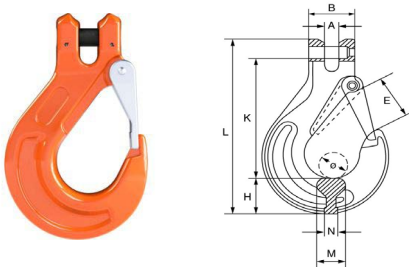


Technical information:

- Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Meets the W.L.L performance requirements of B.S EN 1677-1.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .
- 4 times Safety Factor.

TECHNICAL SPECIFICATION	Product code	SIZE	WLL	A	B	C	H	K	L	M	N	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HCX-7/8	5/16	2	20.5	9	24	8.8	58	77	55	14.8	0.16
	HCX-10	3/8	3.15	26	12	28	11.5	69	92	69	17.8	0.30
	HCX-13	1/2	5.30	30	15	35	15	85	115	86.6	25	0.70
	HCX-16	5/8	8	35	19.8	39	19.8	85	142	103	30	1.1
	HCX-18/20	3/4	12.5	41.8	24	46	22	118	166	120	34	1.8
	HCX-22	7/8	15	49.5	26	57	26	138	190	147	40	3.2
	HCX-26	1	21.2	58	31	67.5	30	154	216	174	44	4.5
	HCX-32	1-1/4	31.5	67.5	38	84.5	37	201	277	214	56	9

HCH Clevis Sling Hook G80



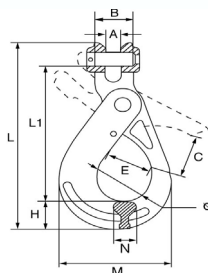
Technical information:

- Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Meets the W.L.L performance requirements of B.S EN 1677-2.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .
- 4 times Safety Factor.

TECHNICAL SPECIFICATION	Product code	SIZE	WLL	A	B	E	H	K	L	M	N	Ø	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HCH-7/8	5/16	2	9.5	37	29	25	86	129.5	18	12	37	0.53
	HCH-10	3/8	3.15	12.5	49	39	31	96.5	158	23	16	46	0.98
	HCH-13	1/2	5.30	15	55.5	47	42.5	128	198.3	27.5	15	56	1.81
	HCH-16	5/8	8	18.5	70.5	55	54	148	237	35	24	60	3.54
	HCH-18/20	3/4	12.5	24	77	61	58	181	277.5	42	32	79	5.82
	HCH-22	7/8	15	25	91	72	62	204.5	320	50	36	101	9.17
	HCH-26	1	21.2	30	117	101	75	232	389	60	34	114.9	14.97

CHAIN COMPONENTS G80

HCS Self locking clevis hook G80

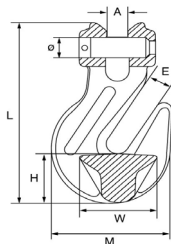


Technical information:

- Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Meets the W.L.L performance requirements of B.S EN 1677-3 .
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Clevis fitting enables direct connection to chain .
- Mill Test Certificate .
- 4 times Safety Factor.

TECHICAL SPECIFICATION	Product code	SIZE	WLL	A	B	C	E	H	L	L1	M	N	Ø	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HCS-7/8	5/16	2	9.5	38.5	39	35	29.5	161.8	119.3	87	20	44	0.8
	HCS-10	3/8	3.15	12.5	48	48	45	30	195	142	108	26	58	1.38
	HCS-13	1/2	5.30	15	59	65	52.5	40	249	179	122	33	70	2.81
	HCS-16	5/8	8	18.5	77	65	63.3	50.5	310	224.8	168.6	36	86	6
	HCS-18/20	3/4	12.5	24	81	85	86	55	335	238	185	50	97	7.25
	HCS-22	7/8	15	25	97.5	80	76	67	392	277	202	52	98	12.8
	HCS-26	1	21.2	30	118	125	96	75	449	312	239	60	110	21.8

HCG Clevis shortening grab hook G80



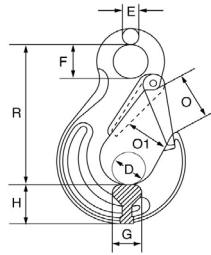
Technical information:

- Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Meets the W.L.L performance requirements of B.S EN 1677-1.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .
- Clevis fitting enables direct connection to chain .
- 4 times Safety Factor.

TECHICAL SPECIFICATION	Product code	SIZE	WLL	A	E	H	L	M	W	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HCG-7/8	5/16	2	9.5	10.5	21	89	53	33.5	0.32
	HCG-10	3/8	3.15	12.5	13	29	126	71	46	0.73
	HCG-13	1/2	5.30	15	16.5	42.5	163.5	90	57.5	1.6
	HCG-16	5/8	8	18.5	19	45.5	183.5	113	74	2.8
	HCG-18/20	3/4	12.5	23	24	56	219	143	74	5
	HCG-22	7/8	15	27	27	68.5	254	160	90	6.3
	HCG-26	1	21.2	30	30	77	309	171	102	14.5

CHAIN COMPONENTS G80

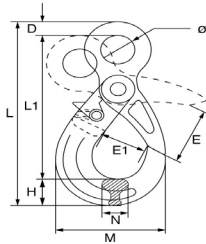
HEH eye hook with safety latch G80


Technical information:

- Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Meets the W.L.L performance requirements of B.S EN 1677-2.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .
- 4 times Safety Factor.

TECHICAL SPECIFICATION	Product code	SIZE	WLL	D	E	H	M	Ø	Ø1	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HEH-7/8	5/16	2	38	30	23	17	25	11	0.4
	HEH-10	3/8	3.15	46	34	32	22	38	15	0.9
	HEH-13	1/2	5.30	62	39	42.5	26	43	19	1.94
	HEH-16	5/8	8	70	46	48	34	50	23	2.89
	HEH-18/20	3/4	12.5	80.4	48	58.5	42	63	24	5.7
	HEH-22	7/8	15	100	71	75.5	44	62	32	9.2
	HEH-26	1	21.2	115	81	80.5	60	64	35	13
	HEH-32	1-1/4	31.5	140	102	88	66	88	37	20

HES eye self locking hook G80

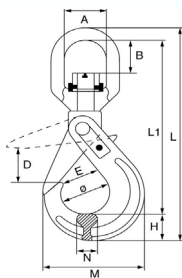

Technical information:

- Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Meets the W.L.L performance requirements of B.S EN 1677-3.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .
- 4 times Safety Factor.

TECHICAL SPECIFICATION	Product code	SIZE	WLL	D	E	E1	H	L	L1	M	N	Ø	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HES-7/8	5/16	2	13	39	35	29.5	175	136	87	20	25	0.88
	HES-10	3/8	3.15	15	48	45	30	214	168	108	26	34.5	1.58
	HES-13	1/2	5.30	21	65	52.5	40	268	207	122	33	40	3
	HES-16	5/8	8	27	65	63.3	50.5	332	254	168.8	36	50	5.9
	HES-18/20	3/4	12.5	27	85	86	55	360	274.5	185	50	64.5	7
	HES-22	7/8	15	32	80	76	67	415	319	202	52	70	12.3
	HES-26	1	21.2	34	125	96	75	472	362	239	60	80	20
	HES-32	1-1/4	31.5	45	141	133	97	614	470	329	79.5	105	43

CHAIN COMPONENTS G80

HSS swivel self locking hook G80

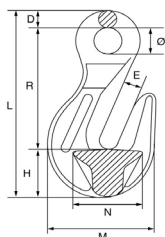


Technical information:

- Grade 80 Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Meets the W.L.L performance requirements of B.S EN 1677-3.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .
- 4 times Safety Factor.

TECHNICAL SPECIFICATION	Product code	SIZE	WLL	A	B	C	E	H	L	L1	M	N	Ø	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HSS-7/8	5/16	2	36	29.5	39	35.8	29.5	228	189	87	20	44	1.15
	HSS-10	3/8	3.15	42	35	48	48	30	270	224	108	26	58	1.86
	HSS-13	1/2	5.30	50	41	65	52.5	40	324	267	122	33	70	3.51
	HSS-16	5/8	8	61	56.8	65	63.3	50.5	406	335.6	168.6	36	86	7.33
	HSS-18/20	3/4	12.5	72	63	85	86	55	460	378	185	50	97	10.3
	HSS-22	7/8	15	97	98	80	76	67	564	466	202	52	98	17.5
	HSS-26	1	21.2	123	115	125	96	75	661	544	239	60	110	23

HEG eye shortening grab hook G80



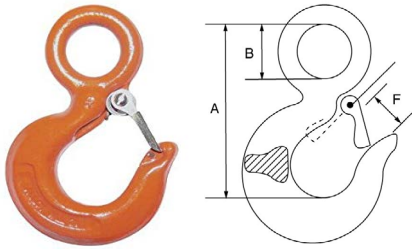
Technical information:

- Grade 80 Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Meets the W.L.L performance requirements of B.S EN 1677-1.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .
- 4 times Safety Factor.

TECHNICAL SPECIFICATION	Product code	SIZE	WLL	D	E	H	L	M	N	R	Ø	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HEG-7/8	5/16	2	9.5	10.8	21.5	93	53	30.5	62	18	0.24
	HEG-10	3/8	3.15	14	13	29	122	71	46	79.8	20.5	0.65
	HEG-13	1/2	5.30	15.5	16.5	42.8	158	90	57.5	99.7	26	1.39
	HEG-16	5/8	8	19	19	44.5	159	113	72	106.5	30.5	2.2
	HEG-18/20	3/4	12.5	23	24	56	219	143	74	140.2	37.5	4.6
	HEG-22	7/8	15	26	28	68	259	160	90	165	44	6.36
	HEG-26	1	21.2	34	30	77	306	171	110	197	49	10.6
	HEG-26	1 1/4	31.5	40	41	87	373	229	130	246	64	19.4

CHAIN COMPONENTS G80

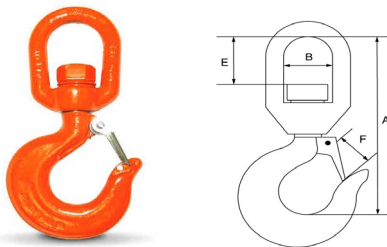
H14A Eye hook type G80


Technical information:

- Grade 80 Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Marked with CE, WLL , material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .
- 4.5 times Safety Factor.

TECHICAL SPECIFICATION	Product code	WLL	A	B	F	NET WEIGHT
		(t)	(mm)	(mm)	(mm)	(Kg)
	H14A1T	1	82	19	22	0.28
	H14A1.5T	1.5	93.5	23	23	0.4
	H14A2T	2	103	28	24	0.65
	H14A3T	3	119	31	27.5	0.95
	H14A5T	5	146	39	33	1.95
	H14A7T	7	186.5	51	40	3.77
	H14A11T	11	231.5	62	51	6.8
	H14A15T	15	261	73	57	9.8
	H14A22T	22	318	89	75	16.25
	H14A30T	30	360	90	82	27.2

H3A Swivel hook Type G80

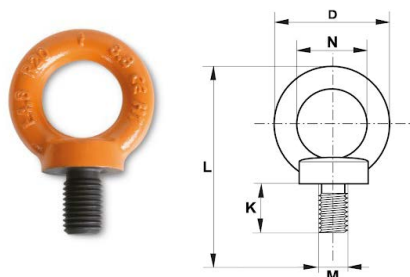

Technical information:

- Grade 80 Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .
- 4.5 times Safety Factor.

TECHICAL SPECIFICATION	Product code	WLL	A	B	E	F	NET WEIGHT
		(t)	(mm)	(mm)	(mm)	(mm)	(Kg)
	H3A1T	1	112	32	22.5	22	0.34
	H3A1.5T	1.5	133.5	38	29.5	23	0.57
	H3A2T	2	150.5	44	33	26	1.02
	H3A3T	3	163	44	33	28	1.24
	H3A5T	5	190	50	39	35	2.25
	H3A7T	7	248.5	64	53	43	4.66
	H3A11T	11	282	70	53	55	7.4
	H3A15T	15	332	79	58	61	10.6
	H3A22T	22	431	105	114	81	21.4
	H3A30T	30	472	105	105	82.5	32

CHAIN COMPONENTS G80

HEB Eye Bolt type G80

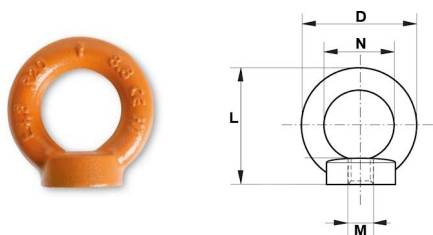


Technical information:

- Grade 80 Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Sizes based generally on DIN 580 eyebolts.
- Minimum breaking load is 4 times the W.L.L.
- W.L.L. is based upon in line lifting only .
- Marked with CE , W.L.L , material grade , Manufacturers ID and size .
- Mill Test Certificate .

TECHICAL SPECIFICATION	Product code	WLL	M	N	D	K	L	NET WEIGHT
		(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HEB6	0.4	6	16	28	13	42	0.05
	HEB8	1	8	20	36	15	51	0.06
	HEB10	1	10	25	45	18	63	0.11
	HEB12	2	12	30	54	22	75	0.18
	HEB16	4	16	35	63	28	88	0.28
	HEB20	6	20	40	72	30	101	0.45
	HEB24	8	24	50	90	38	128	0.87
	HEB30	12	30	60	108	45	154	1.66
	HEB36	16	36	70	126	55	183	2.65
	HEB42	24	42	80	144	65	212	4.03
	HEB48	32	48	90	166	70	238	6.38

HEN Eye Nut Type G80



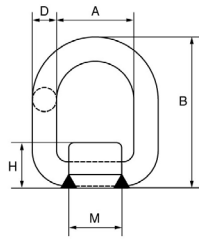
Technical information:

- Grade 80 Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Sizes based generally on DIN 580 eyebolts.
- Minimum breaking load is 4 times the W.L.L.
- W.L.L. is based upon in line lifting only .
- Marked with CE , W.L.L , material grade , Manufacturers ID and size .
- Mill Test Certificate .

TECHICAL SPECIFICATION	Product code	WLL	M	D	L	N	NET WEIGHT
		(t)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HEN6	0.4	6	36	36	20	0.049
	HEN8	1	8	36	36	20	0.05
	HEN10	1	10	45	45	25	0.09
	HEN12	2	12	54	53	30	0.16
	HEN16	4	16	63	62	35	0.24
	HEN20	6	20	72	71	40	0.36
	HEN24	8	24	90	90	50	0.72
	HEN30	12	30	108	109	60	1.32
	HEN36	16	36	126	128	70	2.08
	HEN42	24	42	144	147	80	3.11
	HEN48	32	48	166	168	90	5.02

CHAIN COMPONENTS G80

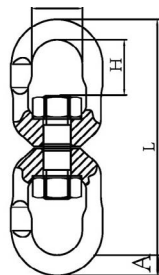
HWDR Weld On D Ring type G80


Technical information:

- Ring : Grade 80 Alloy steel , quenched and tempered.
- Base : 16 Mn Carbon steel base .
- Orange Painted Finish .
- Welding must be carried out by a qualified welder according to BS EN 287-1 .
- Minimum breaking load is 4 times the W.L.L.
- Marked with CE , W.L.L , material grade , Manufacturers ID and size .
- Mill Test Certificate .

TECHICAL SPECIFICATION	Product code	WLL	A	B	D	H	M	NET WEIGHT
		(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HWDR1	1.12	41	78.5	13	33.5	37	0.4
	HWDR2	2	42	88	14	33.5	40	0.47
	HWDR3	3.15	45	94	17	39	42.5	0.69
	HWDR5	5.3	55	118	22	49	50	1.46
	HWDR8	8	70	141	26.5	54	66.5	2.5
	HWDR10	10	85	165	28	63.5	90	3.59
	HWDR15	15	97	188	34	72	90	5.79

HHRs Regular Swivel G80

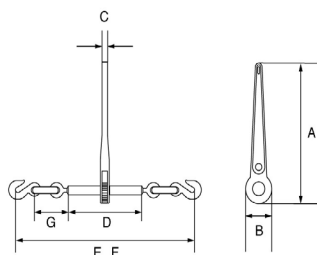

Technical information:

- Grade 80 Alloy steel , quenched and tempered.
- Orange Painted Finish .
- Minimum breaking load is 4 times the W.L.L.
- 2 needle roller thrust bearing for rotation under load .
- Marked with CE , W.L.L , material grade , Manufacturers ID and size .
- Mill Test Certificate .

TECHICAL SPECIFICATION	Product code	WLL	A	D	H	L	NET WEIGHT
		(t)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HHRs2	2	12.5	35.5	28.5	164	0.6
	HHRs3.15	3.15	15	42	34.5	194.5	1.5
	HHRs5.3	5.3	18	50	43.5	216.5	1.75
	HHRs8	8	21.5	61	56	289	4.52

CHAIN COMPONENTS G80

HLBR Ratched Load Binder G80



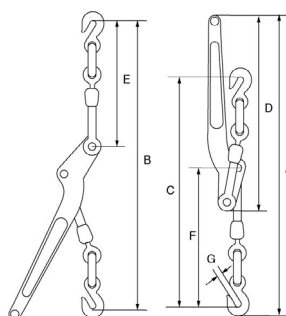
Technical information:

- Drop forged , Cast steel , quenched and tempered.
- orange painted finish .
- fitted with grab hooks.
- special securing device prevents threads coming out.
- Marked with L.C , Manufacturers ID , size and product ID.
- Mill test certificate .

TECHICAL SPECIFICATION	Product code	Chain Dia	A	B	C	D	E	F	G	Take Up
		(Inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
	HHLBR810	5/16 - 3/8	355	66	16	254	750	580	13	170
	HHLBR1013	3/8 - 1/2	355	66	16	254	770	600	16	170
	HHLBR1316	1/2 - 5/8	355	66	16	254	840	685	19	155

TECHICAL SPECIFICATION	Product code	Chain Dia	Lashing Capacity	M.B.L	NET WEIGHT
		(Inch)	(lbs)	(lbs)	(Kg)
	HHLBR810	5/16 - 3/8	2450	8575	4.82
	HHLBR1013	3/8 - 1/2	4200	14700	5.92
	HHLBR1316	1/2 - 5/8	5900	20650	7.85

HHLBS Lever Type Load Binder G80



Technical information:

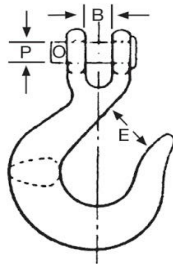
- Drop forged , Cast steel , quenched and tempered.
- orange painted finish .
- fitted with grab hooks.
- Marked with L.C , Manufacturers ID , size and product ID.
- Mill test certificate .

TECHICAL SPECIFICATION	Product code	Chain Dia	A	B	C	D	E	F	G	Take Up	NET WEIGHT
		(Inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HHLBS68	1/4 - 5/16	470	440	360	290	210	205	9	95	1.6
	HHLBS810	5/16 - 3/8	630	580	485	406	275	275	13	114	3.18
	HHLBS1013	3/8 - 1/2	715	662	548	475	320	310	15	144	5.66
	HHLBS1316	1/2 - 5/8	794	756	635	533	372	349	18	120	8.93

TECHICAL SPECIFICATION	Product code	Chain Dia	Lashing Capacity	M.B.L	NET WEIGHT
		(Inch)	(lbs)	(lbs)	(Kg)
	HHLBS68	1/4 - 5/16	2200	7800	1.6
	HHLBS810	5/16 - 3/8	2450	19000	3.18
	HHLBS1013	3/8 - 1/2	4200	33000	5.66
	HHLBS1316	1/2 - 5/8	5900	46000	8.93

CHAIN COMPONENTS G80

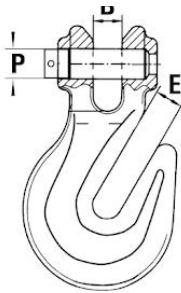
HHGH Grab Hook Lashing type


Technical information:

- Drop forged Alloy steel .
- orange painted finish .
- un tested , not to be used for lifting .
- Clevis fitting enables direct connection to chain.
- Mill test certificate .

TECHICAL SPECIFICATION	Product code	Chain Dia (mm)	B (mm)	E (mm)	P (mm)	NET WEIGHT (Kg)
	HHGH10	3/8	13.5	33	11.5	0.51
	HHGH13	1/2	19	40	16	1.25

HHGS Grab Hook Lashing type

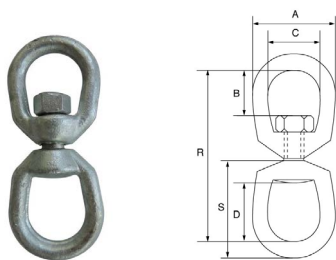

Technical information:

- Drop forged Alloy steel .
- Electro galvanized finish .
- un tested , not to be used for lifting .
- Clevis fitting enables direct connection to chain.
- Mill test certificate .

TECHICAL SPECIFICATION	Product code	Chain Dia (mm)	B (mm)	E (mm)	P (mm)	NET WEIGHT (Kg)
	HHGS8	5/16	10	11	11	0.28
	HHGS10	3/8	13.5	13	11	0.47
	HHGS13	1/2	19	15.5	16	0.5
	HHGS16	5/8	23	29.8	19	0.6

CHAIN COMPONENTS G80

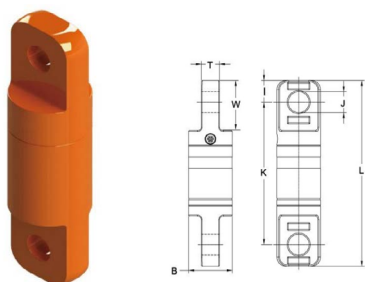
HH Swivel Eye/Eye


Technical information:

- High tensile steel.
- Hot dipped galvanised Finish .
- Meets the performance requirements of US Fed. Spec. RR-C-271D , Type VII , Class 2.
- Minimum breaking load is 5 times the W.L.L.
- Marked with CE , W.L.L , Manufacturers ID and size .
- Mill Test Certificate .

TECHICAL SPECIFICATION	Product code	WLL	A	B	C	D	R	NET WEIGHT
		(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HHSEE6	0.39	32	18	19	27	75	0.1
	HHSEE8	0.57	41	21	25	32	90	0.18
	HHSEE10	1.02	51	24	32	38	109	0.32
	HHSEE12	1.6	64	33	38	51	138	0.6
	HHSEE16	2.4	76	40	44	60	167	1.13
	HHSEE29	3.3	89	44	51	67	183	1.82
	HHSEE22	4.5	102	52	57	78	213	2.83
	HHSEE25	5.7	114	59	64	89	245	4.06
	HHSEE32	8.2	143	68	80	94	273	7.43
	HHSEE38	20.5	178	102	102	150	425	20.8

HH Thrust Bearing Swivel Eye/Eye


Technical information:

- Carbon steel.
- Orange color painted Finish .
- Minimum breaking load is 5 times the W.L.L.
- Marked with CE , W.L.L , Manufacturers ID and size .
- Mill Test Certificate .

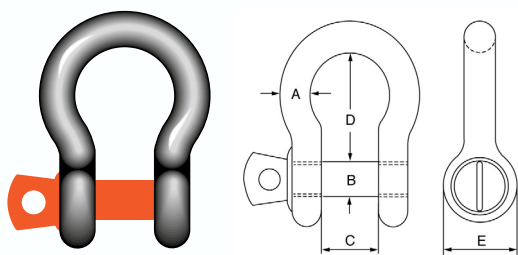
TECHICAL SPECIFICATION	Product code	WLL	B	K	L	I	T	J	W	NET WEIGHT
		(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HHTBSEE1.5	1.5	40	112	20	15	13.5	46	46	0.9
	HHTBSEE3	3	54	160	25	20	20	57	57	2.1
	HHTBSEE5	5	67	203	32	26	33	69	69	4.8
	HHTBSEE8.5	8.5	78	250	38	32	37	88	88	7.3
	HHTBSEE10	10	104	310	50	42	44	104	104	17.0
	HHTBSEE15	15	116	320	60	49	54	110	110	21.2
	HHTBSEE25	25	137	405	70	60	66	140	140	39
	HHTBSEE35	35	154	405	70	60	66	140	140	45.8
	HHTBSEE60	60	270	670	115	75	80	230	230	/

WIRE ROPE RIGGING



WIRE ROPE RIGGING

HH Screw Pin Bow Shackle G209



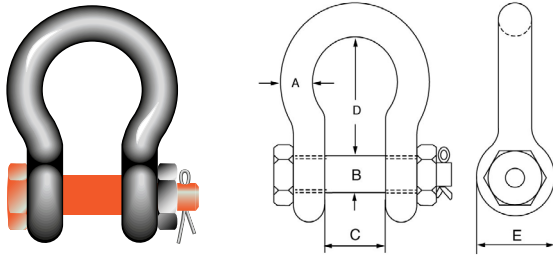
Technical information:

- Grade 6 high tensile steel body and pin , quenched and tempered .
- Hot dipped galvanised finish with orange color pin .
- Meets the W.L.L performance requirements of B.S EN 13889 and US Fed Spec. RR-C 271 .
- Temperature range 0 °C up to +200 °C
- Minium breaking load is 6 times the W.L.L.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certifacte .

TECHICAL SPECIFICATION	Product code	SIZE	WLL	A	B	C	D	E	NETWEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HHSCB.5	1/4	0.5	6.4	8	12	28.6	20	0.02
	HHSCB.75	5/16	0.75	8	10	13	31	21	0.06
	HHSCB1	3/8	1	9.5	12	17	36.5	26	0.11
	HHSCB1.5	7/16	1.5	11	12	18	42.5	29	0.15
	HHSCB2	1/2	2	12.7	16	20.6	47.3	32	0.21
	HHSCB3.25	5/8	3.25	16	19.8	27	60.5	43	0.37
	HHSCB4.75	3/4	4.75	19	22	32	71.5	51	0.65
	HHSCB6.5	7/8	6.5	22	27	36.6	84	58	1.04
	HHSCB8.5	1	8.5	25	30	43	96	68	1.56
	HHSCB9.5	1-1/8	9.5	28.5	33	46	108	75	2.32
	HHSCB12	1-1/4	12	31.8	36	51.6	119	83	3.28
	HHSCB13.5	1-3/8	13.5	34.9	39	57	133.5	92	4.51
	HHSCB17	1-1/2	17	38	42	60	147	99	7.89
	HHSCB25	2	25	44	52	73	178	126	13.4
	HHSCB35	2-1/2	35	50	56	82	197	138	18.85
	HHSCB55	3	55	63.5	68	105	267	180	37.86
	HHSCB85	3-1/2	85	75	85	127	320	190	58
	HHSCB120	4	120	88	95	133	372	240	99

WIRE ROPE RIGGING

HH Bolt & Nut Bow Shackle G2130



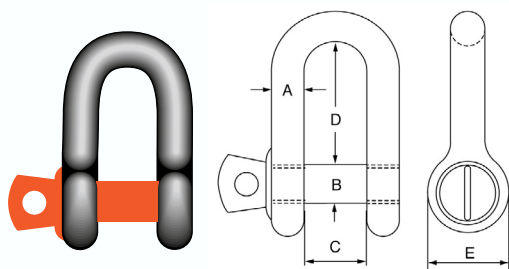
Technical information:

- Grade 6 high tensile steel body and pin , quenched and tempered .
- Hot dipped galvanised finish with orange color bolt .
- Meets the W.L.L performance requirements of B.S EN 13889 and US Fed Spec. RR-C 271 .
- Temperature range 0 °C up to +200 °C
- Minium breaking load is 6 times the W.L.L.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certifacte .

TECHICAL SPECIFICATION	Product code	SIZE	WLL	A	B	C	D	E	NETWEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HHSAB.5	1/4	0.5	6.4	8	12	28.6	20	0.07
	HHSAB.75	5/16	0.75	8	10	13	31	21	0.13
	HHSAB1	3/8	1	9.5	12	17	36.5	26	0.17
	HHSAB1.5	7/16	1.5	11	12	18	42.5	29	0.25
	HHSAB2	1/2	2	12.7	16	20.6	47.3	32	0.44
	HHSAB3.25	5/8	3.25	16	19.8	27	60.5	43	0.79
	HHSAB4.75	3/4	4.75	19	22	32	71.5	51	1.26
	HHSAB6.5	7/8	6.5	22	27	36.6	84	58	1.88
	HHSAB8.5	1	8.5	25	30	43	96	68	2.78
	HHSAB9.5	1-1/8	9.5	28.5	33	46	108	75	3.87
	HHSAB12	1-1/4	12	31.8	36	51.6	119	83	5.26
	HHSAB13.5	1-3/8	13.5	34.9	39	57	133.5	92	6.94
	HHSAB17	1-1/2	17	38	42	60	147	99	8.79
	HHSAB25	2	25	44	52	73	178	126	14.99
	HHSAB35	2-1/2	35	50	56	82	197	138	20.65
	HHSAB55	3	55	63.5	68	105	267	180	41.05
	HHSAB85	3-1/2	85	75	85	127	320	190	62
	HHSAB120	4	120	88	95	133	372	240	106

WIRE ROPE RIGGING

HH Screw Pin D-Shackle G210



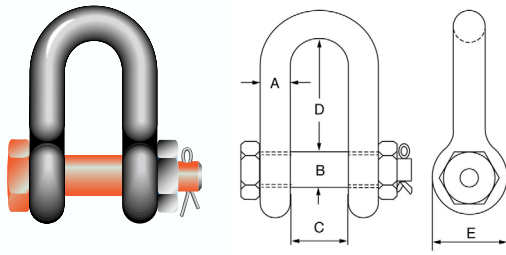
Technical information:

- Grade 6 high tensile steel body and pin , quenched and tempered .
- Hot dipped galvanised finish with orange color pin .
- Meets the W.L.L performance requirements of B.S EN 13889 and US Fed Spec. RR-C 271 .
- Temperature range 0 °C up to +200 °C
- Minium breaking load is 6 times the W.L.L.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certifacte .

TECHICAL SPECIFICATION	Product code	SIZE	WLL	A	B	C	D	E	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HHSCD1	3/8	1	9.5	11	17	32	26	0.15
	HHSCD1.5	7/16	1.5	11	12	18	36.5	29	0.21
	HHSCD2	1/2	2	12.7	16	20.3	41.3	32	0.37
	HHSCD3.25	5/8	3.25	16	19.8	27	51	43	0.65
	HHSCD4.75	3/4	4.75	19	22	32	62	51	1.04
	HHSCD6.5	7/8	6.5	22	27	36.6	74.8	58	1.56
	HHSCD8.5	1	8.5	25	30	43	81	68	2.32
	HHSCD9.5	1-1/8	9.5	28.5	33	46	90	75	3.28
	HHSCD12	1-1/4	12	31.8	36	51.6	100.8	83	4.51
	HHSCD13.5	1-3/8	13.5	34.9	39	57	112.5	92	5.93
	HHSCD17	1-1/2	17	38	42	60	125	99	7.89
	HHSCD25	2	25	44	52	73	146.5	126	13.4
	HHSCD35	2-1/2	35	50	56	82	171	138	18.85
	HHSCD55	3	55	63.5	68	105	203	180	37.86
	HHSCD85	3-1/2	85	75	85	127	230	190	58
	HHSCD120	4	120	88	95	133	262	240	99

WIRE ROPE RIGGING

HH Bolt & Nut D- Shackle G2150



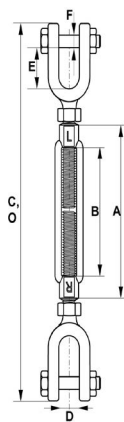
Technical information:

- Grade 6 high tensile steel body and pin , quenched and tempered .
- Hot dipped galvanised finish with orange color bolt .
- Meets the W.L.L performance requirements of B.S EN 13889 and US Fed Spec. RR-C 271 .
- Temperature range 0 °C up to +200 °C
- Minium breaking load is 6 times the W.L.L.
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certifacte .

TECHICAL SPECIFICATION	Product code	SIZE	WLL	A	B	C	D	NET WEIGHT
		(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HHSAD1	3/8	1	9.5	11	17	32	0.17
	HHSAD1.5	7/16	1.5	11	12	18	36.5	0.25
	HHSAD2	1/2	2	12.7	16	20.3	41.3	0.44
	HHSAD3.25	5/8	3.25	16	19.8	27	51	0.79
	HHSAD4.75	3/4	4.75	19	22	32	62	1.26
	HHSAD6.5	7/8	6.5	22	27	36.6	74.8	1.88
	HHSAD8.5	1	8.5	25	30	43	81	2.78
	HHSAD9.5	1-1/8	9.5	28.5	33	46	90	3.87
	HHSAD12	1-1/4	12	31.8	36	51.6	100.8	5.26
	HHSAD13.5	1-3/8	13.5	34.9	39	57	112.5	6.94
	HHSAD17	1-1/2	17	38	42	60	125	8.79
	HHSAD25	2	25	44	52	73	146.5	14.99
	HHSAD35	2-1/2	35	50	56	82	171	20.65
	HHSAD55	3	55	63.5	68	105	203	41.05
	HHSAD85	3-1/2	85	75	85	127	230	62
	HHSAD120	4	120	88	95	133	262	106

WIRE ROPE RIGGING

Drop Forged Turnbuckle JAW/JAW TBJJ


Technical information:

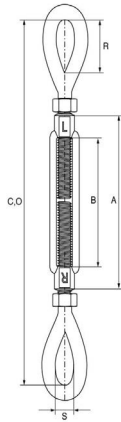
- Drop forged , high tensile steel , SAE 1035 or SAE 1045.
- Hot dipped galvanized finish .
- Meets the performance requirements of ASTM F1145-92 (formerly US Fed Spec. FF-T-791b) .
- Temperature range -20 C up to +200 C .
- Minimum breaking load is 5 times the W.L.L .
- UNC Threads.
- All items available with Lock nuts.
- Up to 5/8 with saftey bolt and 3/4 above with cotter pins .
- Marked with CE, W.L.L , manufacturers ID , size, traceability code and L/R .
- Mill Test Certificate .

Product code	SIZE	Take Up	WLL	A	B	D	E	F	C	O	NET WEIGHT
	(INCH)	(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
TBJJ6x4	1/4	4	0.23	120	102	11.5	15.75	7.5	200	302	0.16
TBJJ8x4.5	5/16	4 1/2	0.36	138	114	12.7	21.2	7.6	244	358	0.24
TBJJ10x6	3/8	6	0.54	180	152	13.7	21.5	9	290	442	0.71
TBJJ12x6	1/2	6	1	190	152	16	26.5	11	330	482	0.37
TBJJ12x9	1/2	9	1	267	229	16	26.5	11	406	635	0.79
TBJJ12x12	1/2	12	1	343	305	16	26.5	11	480	785	1.09
TBJJ16x6	5/8	6	1.59	203	152	21	33	14	378	530	1.35
TBJJ16x9	5/8	9	1.59	279	229	21	33	14	454	683	1.53
TBJJ16x12	5/8	12	1.59	355	305	21	33	14	530	835	1.79
TBJJ19x6	3/4	6	2.36	213	152	26	37.25	17.5	422	574	1.99
TBJJ19x9	3/4	9	2.36	289	229	26	37.25	17.5	498	727	2.48
TBJJ19x12	3/4	12	2.36	365	305	26	37.25	17.5	574	879	2.68
TBJJ19x18	3/4	18	2.36	517	451	26	37.25	17.5	726	1183	3.32
TBJJ22x6	7/8	6	3.27	222	152	31	42.75	20.5	466	466	3.15
TBJJ22x12	7/8	12	3.27	374	304	31	42.75	20.5	618	922	3.96
TBJJ22x18	7/8	18	3.27	527	457	31	42.75	20.5	770	1227	5.09
TBJJ25x6	1	6	4.54	233	152	33	52	24	510	662	4.44
TBJJ25x12	1	12	4.54	385	305	33	52	24	662	967	5.69
TBJJ25x18	1	18	4.54	537	457	33	52	24	814	1271	6.74
TBJJ25x24	1	24	4.54	690	610	33	52	24	966	1576	8.03
TBJJ32x6	1 1/4	6	6.89	236	152	47	70.5	31	598	598	8.56
TBJJ32x12	1 1/4	12	6.89	388	305	47	70.5	31	750	1055	10.27
TBJJ32x18	1 1/4	18	6.89	541	457	47	70.5	31	902	1359	11.99
TBJJ32x24	1 1/4	24	6.89	693	610	47	70.5	31	1054	1664	13.69
TBJJ38x12	1 1/2	12	9.71	403	305	57	70.5	37	800	1105	13.56
TBJJ38x18	1 1/2	18	9.71	555	457	57	70.5	37	952	1409	16.2
TBJJ38x24	1 1/2	24	9.71	708	610	57	70.5	37	1104	1714	18.88
TBJJ44x18	1 3/4	18	12.7	571	457	66	85	44	1046	1503	25.15
TBJJ44x24	1 3/4	24	12.7	724	610	66	85	44	1198	1808	28.06
TBJJ50x24	2	24	16.8	740	610	66.3	92	54	1340	1950	43.71
TBJJ63x24	2 1/2	24	27.2	795	610	78	110.8	60.5	1478	2088	81.8
TBJJ70x24	2 3/4	24	34	795	610	93.5	104.5	73	1562	2172	95.14

TECHICAL SPECIFICATION

WIRE ROPE RIGGING

Drop Forged Turnbuckle EYE/EYE TBEE



Technical information:

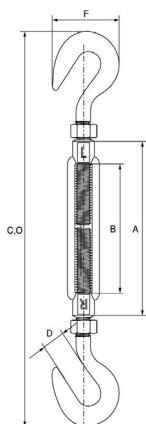
- Drop forged , high tensile steel , SAE 1035 or SAE 1045.
- Hot dipped galvanized finish .
- Meets the performance requirements of ASTM F1145-92 (formerly US Fed Spec. FF-T-791b) .
- Temperature range -20 C up to +200 C .
- Minimum breaking load is 5 times the W.L.L .
- UNC Threads.
- All items available with Lock nuts.
- Marked with CE, W.L.L , manufacturers ID , size, traceability code and L/R .
- Mill Test Certificate .

TECHICAL SPECIFICATION

Product code	SIZE	Take Up	WLL	A	B	R	S	C	O	NET WEIGHT
	(INCH)	(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
TBEE6x4	1/4	4	0.23	120	102	20	8.5	215	307	0.14
TBEE8x4.5	5/16	4 1/2	0.36	138	114	24	11.2	249	354	0.2
TBEE10x6	3/8	6	0.54	180	152	28.5	13.5	308	460	0.34
TBEE12x6	1/2	6	1	190	152	36.5	18	380	532	0.71
TBEE12x9	1/2	9	1	267	229	36.5	18	456	685	0.85
TBEE12x12	1/2	12	1	343	305	36.5	18	510	815	1
TBEE12x18	1/2	18	1	495	457	36.5	18	684	1081	1.6
TBEE16x6	5/8	6	1.59	203	152	45	22.5	398	550	1.17
TBEE16x9	5/8	9	1.59	279	229	45	22.5	474	703	1.42
TBEE16x12	5/8	12	1.59	355	305	45	22.5	550	855	1.67
TBEE19x6	3/4	6	2.36	213	152	53	25.4	448	600	1.87
TBEE19x9	3/4	9	2.36	289	229	53	25.4	524	753	2.22
TBEE19x12	3/4	12	2.36	365	305	53	25.4	600	900	2.57
TBEE19x18	3/4	18	2.36	517	457	53	25.4	752	1209	3.27
TBEE22x12	7/8	12	3.27	374	304	60	32	630	934	3.77
TBEE22x18	7/8	18	3.27	527	457	60	32	782	1239	4.7
TBEE25x6	1	6	4.54	233	152	76	37	552	704	4.1
TBEE25x12	1	12	4.54	385	305	76	37	704	1009	5.33
TBEE25x18	1	18	4.54	537	457	76	37	856	1313	6.56
TBEE25x24	1	24	4.54	690	610	76	37	1010	1620	7.83
TBEE32x12	1 1/4	12	6.89	388	305	90	46	776	1081	9.1
TBEE32x18	1 1/4	18	6.89	541	457	90	46	928	1385	10.94
TBEE32x24	1 1/4	24	6.89	693	610	90	46	1080	1690	12.75
TBEE38x12	1 1/2	12	9.71	403	305	103	53.8	838	1143	12.93
TBEE38x18	1 1/2	18	9.71	555	457	103	53.8	990	1447	15.43
TBEE38x24	1 1/2	24	9.71	708	610	103	53.8	1144	1754	17.97
TBEE44x18	1 3/4	18	12.7	571	457	117	60.5	1076	1544	23.37
TBEE44x24	1 3/4	24	12.7	724	610	117	60.5	1230	1840	26.91
TBEE50x24	2	24	16.8	740	610	146	68	1400	2010	39.93
TBEE63x24	2 1/2	24	27.2	795	610	165	79	1490	2100	70.96
TBEE70x24	2 3/4	24	34	795	610	178	82.5	1562	2172	82.22

WIRE ROPE RIGGING

Drop Forged Turnbuckle HOOK/HOOK TBHH



Technical information:

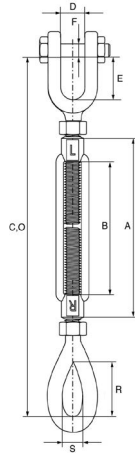
- Drop forged , high tensile steel , SAE 1035 or SAE 1045.
- Hot dipped galvanized finish .
- Meets the performance requirements of ASTM F1145-92 (formerly US Fed Spec. FF-T-791b) .
- Temperature range -20 C up to +200 C .
- Minimum breaking load is 5 times the W.L.L .
- UNC Threads.
- All items available with Lock nuts.
- Marked with CE, W.L.L , manufacturers ID , size, traceability code and L/R .
- Mill Test Certificate .

TECHNICAL SPECIFICATION

Product code	SIZE	Take Up	WLL	A	B	D	F	C	O	NET WEIGHT
	(INCH)	(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
TBHH6x4	1/4	4	0.23	120	102	11.5	32	205	2296	0.15
TBHH8x4.5	5/16	4 1/2	0.36	138	114	13	38	241	345	0.24
TBHH10x6	3/8	6	0.54	180	152	14	45	301	443	0.37
TBHH12x6	1/2	6	1	190	152	17	58	364	516	0.79
TBHH12x9	1/2	9	1	267	229	17	58	442	668	0.94
TBHH12x12	1/2	12	1	343	305	17	58	516	821	1.09
TBHH16x6	5/8	6	1.59	203	152	21	71	388	540	1.35
TBHH16x9	5/8	9	1.59	279	229	21	71	464	693	1.59
TBHH16x12	5/8	12	1.59	355	305	21	71	540	845	1.84
TBHH16x18	5/8	18	1.59	507	456	21	71	692	1144	2.33
TBHH19x6	3/4	6	2.36	213	152	25	84.5	440	592	2.12
TBHH19x9	3/4	9	2.36	289	229	25	84.5	516	745	2.47
TBHH19x12	3/4	12	2.36	365	305	25	84.5	590	895	2.82
TBHH19x18	3/4	18	2.36	517	457	25	84.5	744	1201	3.52
TBHH22x12	7/8	12	3.27	374	304	28	96	636	940	4.18
TBHH22x18	7/8	18	3.27	527	457	28	96	788	1245	5.15
TBHH25x6	1	6	4.54	233	152	31	108	524	676	4.4
TBHH25x12	1	12	4.54	385	305	31	108	678	983	5.66
TBHH25x18	1	18	4.54	537	457	31	108	830	1287	6.92
TBHH25x24	1	24	4.54	690	610	31	108	982	1592	8.17
TBHH32x12	1 1/4	12	6.89	388	305	38	130	750	1055	9.71
TBHH32x18	1 1/4	18	6.89	541	457	38	130	904	1361	11.55
TBHH32x24	1 1/4	24	6.89	693	610	38	130	1056	1666	13.4
TBHH38x12	1 1/2	12	9.71	403	305	48	146	824	1129	13.49
TBHH38x18	1 1/2	18	9.71	555	457	48	146	976	1433	16
TBHH38x24	1 1/2	24	9.71	708	610	48	146	1128	1738	18.51

WIRE ROPE RIGGING

Drop Forged Turnbuckle JAW/EYE TBJE



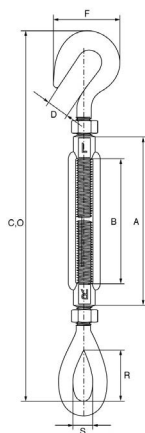
Technical information:

- Drop forged , high tensile steel , SAE 1035 or SAE 1045.
- Hot dipped galvanized finish .
- Meets the performance requirements of ASTM F1145-92 (formerly US Fed Spec. FF-T-791b) .
- Temperature range -20 C up to +200 C .
- Minimum breaking load is 5 times the W.L.L .
- UNC Threads.
- All items available with Lock nuts.
- Up to 5/8 with safety bolt and 3/4 above with cotter pins .
- Marked with CE, W.L.L , manufacturers ID , size, traceability code and L/R .
- Mill Test Certificate .

TECHICAL SPECIFICATION	Product code	SIZE	Take Up	WLL	A	B	D	E	F	R	S	C	O	NET WEIGHT
		(INCH)	(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	TBJE6x4	1/4	4	0.23	120	102	11.5	15.75	7.5	20	8.5	215	307	0.14
	TBJE8x4.5	5/16	4 1/2	0.36	138	114	12.7	21.2	7.6	24	11.2	249	354	0.2
	TBJE10x6	3/8	6	0.54	180	152	13.7	21.5	9	28.5	13.5	308	460	0.34
	TBJE12x6	1/2	6	1	190	152	16	26.5	11	36.5	18	380	532	0.71
	TBJE12x9	1/2	9	1	267	229	16	26.5	11	36.5	18	456	685	0.85
	TBJE12x12	1/2	12	1	343	305	16	26.5	11	36.5	18	510	815	1
	TBJE16x6	5/8	6	1.59	203	152	21	33	14	45	22.5	398	550	1.17
	TBJE16x9	5/8	9	1.59	279	229	21	33	14	45	22.5	474	703	1.42
	TBJE16x12	5/8	12	1.59	355	305	21	33	14	45	22.5	550	855	1.67
	TBJE19x6	3/4	6	2.36	213	152	26	37.25	17.5	53	25.4	448	600	1.87
	TBJE19x9	3/4	9	2.36	289	229	26	37.25	17.5	53	25.4	524	753	2.22
	TBJE19x12	3/4	12	2.36	365	305	26	37.25	17.5	53	25.4	600	905	2.57
	TBJE19x18	3/4	18	2.36	517	457	26	37.25	17.5	53	25.4	752	1209	3.27
	TBJE22x12	7/8	12	3.27	374	304	31	42.75	20.5	60	33.2	630	934	3.77
	TBJE22x18	7/8	18	3.27	527	457	31	42.75	20.5	60	32	782	1239	4.7
	TBJE25x6	1	6	4.54	233	152	33	52	24	76	37	552	704	4.1
	TBJE25x12	1	12	4.54	385	305	33	52	24	76	37	704	1009	5.33
	TBJE25x18	1	18	4.54	537	457	33	52	24	76	37	858	1313	6.56
	TBJE25x24	1	24	4.54	690	610	33	52	24	76	37	1010	1620	7.83
	TBJE32x12	1 1/4	12	6.89	388	305	47	70.5	31	90	46	776	1081	9.1
	TBJE32x18	1 1/4	18	6.89	541	457	47	70.5	31	90	46	928	1385	10.94
	TBJE32x24	1 1/4	24	6.89	693	610	47	70.5	31	90	46	1080	1690	12.75
	TBJE38x12	1 1/2	12	9.71	403	305	47	70.5	31	103	53.8	838	1143	12.93
	TBJE38x18	1 1/2	18	9.71	555	457	57	70.5	37	103	53.8	990	1447	15.43
	TBJE38x24	1 1/2	24	9.71	708	610	57	70.5	37	103	53.8	1144	1754	17.97
	TBJE44x18	1 3/4	18	12.7	571	457	66	85	44	117	60.5	1076	1544	23.37
	TBJE44x24	1 3/4	24	12.7	724	610	66	85	44	117	60.5	1230	1840	26.91
	TBJE50x24	2	24	16.8	740	610	66.3	92	54	146	68	1400	2010	39.93
	TBJE63x24	2 1/2	24	27.2	795	610	78	110.8	60.5	165	79	1490	2100	70.96
	TBJE70x24	2 3/4	24	34	795	610	93.5	104.5	73	178	82.5	1562	2172	82.22

WIRE ROPE RIGGING

Drop Forged Turnbuckle HOOK/EYE TBHE



Technical information:

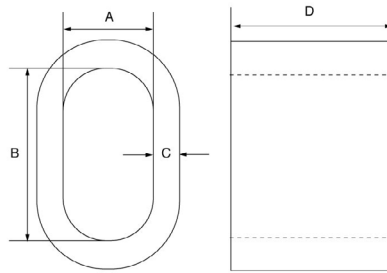
- Drop forged , high tensile steel , SAE 1035 or SAE 1045.
- Hot dipped galvanized finish .
- Meets the performance requirements of ASTM F1145-92 (formerly US Fed Spec. FF-T-791b) .
- Temperature range -20 C up to +200 C .
- Minimum breaking load is 5 times the W.L.L .
- UNC Threads.
- All items available with Lock nuts.
- Marked with CE, W.L.L , manufacturers ID , size, traceability code and L/R .
- Mill Test Certificate .

TECHICAL SPECIFICATION

Product code	SIZE	Take Up	WLL	A	B	D	F	S	R	C	O	NET WEIGHT
	(INCH)	(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
TBHE6x4	1/4	4	0.18	120	102	11.5	32	8.5	20	210	302	0.15
TBHE8x4.5	5/16	4 1/2	0.32	138	114	13	38	11.5	24	245	350	0.24
TBHE10x6	3/8	6	0.45	180	152	14	45	13.5	28.5	305	452	0.37
TBHE12x6	1/2	6	0.68	190	152	17	58	18	36.5	372	524	0.79
TBHE12x9	1/2	9	0.68	267	229	17	58	18	36.5	449	677	0.94
TBHE12x12	1/2	12	0.68	343	305	17	58	18	36.5	513	818	1.09
TBHE16x6	5/8	6	1.02	203	152	21	71	22.5	45	393	545	1.35
TBHE16x9	5/8	9	1.02	279	229	21	71	22.5	45	469	698	1.59
TBHE16x12	5/8	12	1.02	355	305	21	71	22.5	45	545	850	1.84
TBHE19x6	3/4	6	1.36	213	152	25	84.5	25.4	53	444	596	2.12
TBHE19x9	3/4	9	1.36	289	229	25	84.5	25.4	53	520	749	2.47
TBHE19x12	3/4	12	1.36	365	305	25	84.5	25.4	53	595	900	2.82
TBHE19x18	3/4	18	1.36	517	457	25	84.5	25.4	53	748	1205	3.52
TBHE22x12	7/8	12	1.81	374	304	28	96	32	60	633	937	4.18
TBHE22x18	7/8	18	1.81	527	457	28	96	32	60	785	1242	5.15
TBHE25x6	1	6	2.27	233	152	31	108	37	76	538	690	4.4
TBHE25x12	1	12	2.27	385	305	31	108	37	76	691	996	5.66
TBHE25x18	1	18	2.27	537	457	31	108	37	76	843	1300	6.92
TBHE25x24	1	24	2.27	690	610	31	108	37	76	996	1606	8.17
TBHE32x12	1 1/4	12	2.95	388	305	38	130	46	90	763	1068	9.71
TBHE32x18	1 1/4	18	2.95	541	457	38	130	46	90	916	1373	11.55
TBHE32x24	1 1/4	24	2.95	693	610	38	130	46	90	1068	1678	13.4
TBHE38x12	1 1/2	12	3.4	403	305	48	146	53.8	103	831	1136	13.49
TBHE38x18	1 1/2	18	3.4	555	457	48	146	53.8	103	983	1440	16
TBHE38x24	1 1/2	24	3.4	708	610	48	146	53.8	103	1136	1746	18.51

WIRE ROPE RIGGING

Aluminum ferrule ZEN

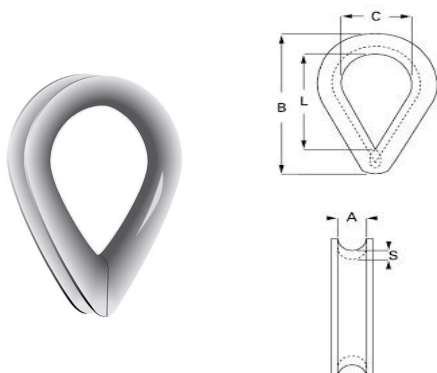

Technical information:

- Brushed aluminium .
- Natural Finish .
- Conforms to B.S EN 13411-3 .
- Mill Test Certificate ..

TECHICAL SPECIFICATION	Product code	ROPE DIA (IWRC core)	ROPE DIA (Fiber core)	A (mm)	B (mm)	C (mm)	D (mm)	NET WEIGHT (Kg / 1000)
	ZEN6	6	5	6.6	13.2	2.5	21	5.86
	ZEN6.5	6.5	6	7.2	14.4	2.7	23	7.55
	ZEN7	7	6.5	7.8	15.6	2.9	25	9.53
	ZEN8	8	7	8.8	17.6	3.3	28	13.7
	ZEN9	9	8	9.9	19.8	3.7	32	19.8
	ZEN10	10	9	10.9	21.8	4.1	35	26.4
	ZEN11	11	10	12.1	24.2	4.5	39	35.8
	ZEN12	12	11	13.2	26.4	4.9	42	45.8
	ZEN13	13	12	14.2	28.4	5.4	46	59.7
	ZEN14	14	13	15.3	30.6	5.8	49	73.5
	ZEN16	16	14	17.5	35	6.7	56	111
	ZEN18	18	16	19.6	39.2	7.6	63	159
	ZEN20	20	18	21.7	43.4	8.4	70	217
	ZEN22	22	20	24.3	48.6	9.2	77	292
	ZEN24	24	22	26.4	52.8	10	84	376
	ZEN26	26	24	28.5	57	10.9	91	481
	ZEN28	28	26	31	62	11.7	98	603
	ZEN30	30	28	33.1	66.2	12.5	105	739
	ZEN32	32	30	35.2	70.4	13.4	112	897
	ZEN34	34	32	37.8	75.6	14.2	119	1080
	ZEN36	36	34	39.8	79.6	15	126	1275
	ZEN38	38	36	41.9	83.8	15.8	133	1490
	ZEN40	40	38	44	88	16.6	140	1734
	ZEN42	42	40	46.2	92.4	17.5	147	2020
	ZEN44	44	42	48.4	96.8	18.3	154	2314
	ZEN46	46	44	50.6	101.2	19.2	161	2557
	ZEN48	48	46	52.8	105.6	20	168	3010
	ZEN50	50	48	55	110	20.8	175	3400
	ZEN52	52	50	57.2	114.4	21.6	182	3813
	ZEN54	54	52	59.4	118.8	22.5	189	4120
	ZEN56	56	54	61.6	123.2	23.3	196	4772
	ZEN58	58	56	63.8	127.6	24.2	203	5200
	ZEN60	60	58	66	132	25	210	5880

WIRE ROPE RIGGING

Wire rope Thimble EN 1344-1 / BS 464



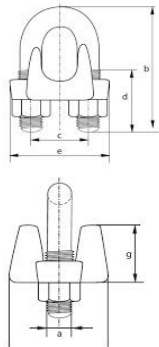
Technical information:

- Mild steel .
- Hot dipped galvanised finish.
- Meets the performance requirements of B.S EN 13411-1 .
- For use with wire ropes .
- Mill Test Certificate .

TECHICAL SPECIFICATION	Product code	ROPE SIZE	A	B	L	C	S	NET WEIGHT
		(INCH)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg / 100)
	TBS6	1/4	7	45	26	18	4	4.1
	TBS8	5/16	8	54	33	22	4	6.5
	TBS10	3/8	10	64	38	25	4.8	9.5
	TBS12	1/2	14	80	44	32	5.6	13
	TBS16	5/8	16	98	59	41	7.9	30
	TBS19	3/4	21	124	73	51	9.5	51.5
	TBS22	7/8	22	133	83	57	9.5	69
	TBS25	1	27	162	108	70	10.3	99.5
	TBS28	1 1/8	29	175	111	76	12.7	129
	TBS32	1 1/4	33	197	133	95	12.7	145
	TBS35	1 3/8	38	229	152	105	15.9	238
	TBS38	1 1/2	41	254	165	114	17.5	340
	TBS41	1 5/8	43	254	165	114	17.5	499
	TBS44	1 3/4	51	286	178	127	25.4	532
	TBS50	2	64	330	203	140	28.6	695
	TBS64	2 1/2	72	490	241	178	31.7	1700

WIRE ROPE RIGGING

HH Wire rope Heavy Duty US type Forged Clips



Technical information:

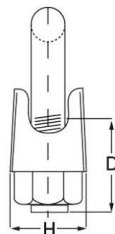
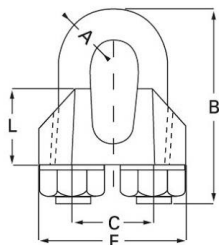
- AISI 1015 steel or equivalent U - bolt , AISI 1035/1045 steel or equivalent grooved bridge .
- Hot dipped galvanised bridges , Electro galvanised nuts, U - bolts orange painted finish.
- Meets the performance requirements of B.S EN 13411 part 5 Type B (formerly US Fed. Spec. FF-C 450 D) , 13 mm is additional and proportional to the standard .
- Marked with size and manufactures ID on the bridge .
- For use with wire ropes .
- Mill Test Certificate .

TECHNICAL SPECIFICATION

Product code	ROPE SIZE	A	B	C	D	E	F	G	NET WEIGHT
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg / 100)
HHWRC4	1/8	5	24	12	11	24	21	10	2
HHWRC5	3/16	6	31	15	13	29	24	13	4
HHWRC7	1/4	8	34	19	13	37	30	18	8
HHWRC8	5/16	10	45	22	19	43	33	19	14
HHWRC10	3/8	11	49	26	19	49	42	25	19
HHWRC11	7/16	12	60	30	25	58	46	26	31
HHWRC13	1/2	13	61	30	25	58	48	31	34
HHWRC15	9/16	14	72	33	32	63	52	31	36
HHWRC16	5/8	14	74	33	32	64	54	36	45
HHWRC20	3/4	16	86	38	37	72	57	38	68
HHWRC22	7/8	19	98	45	41	80	62	40	108
HHWRC26	1	19	108	48	46	88	67	47	113
HHWRC30	1 1/8	19	117	51	51	91	73	48	140
HHWRC34	1 1/4	22	130	54	54	105	79	56	207
HHWRC36	1 3/8	22	140	59	59	108	79	58	234
HHWRC40	1 1/2	22	147	60	60	112	85	64	266
HHWRC42	1 5/8	25	161	67	67	121	92	67	329
HHWRC46	1 3/4	29	174	70	70	134	97	76	441
HHWRC52	2	32	195	78	78	150	113	85	603
HHWRC58	2 1/4	32	213	81	81	162	116	100	707
HHWRC65	2 1/2	32	227	87	87	168	119	113	806
HHWRC72	2 3/4	32	243	91	91	174	127	124	1000

WIRE ROPE RIGGING

Commercial wire rope clips



Technical information:

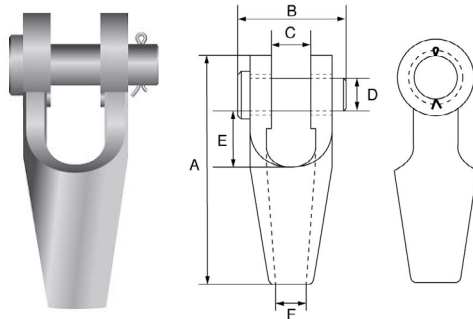
- Cast steel ungrooved bridge , Mild steel u-bolt and nuts.
- Electro galvanised Finish .
- Meets the performance requirements of the former standard DIN 741

- Mill Test Certificate .

TECHICAL SPECIFICATION	Product code	WIRE ROPE DIA (mm)	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	H (mm)	L (mm)	NET WEIGHT (Kg / 100)
	WRGC3	3	4	20	9	12	21	10	10	1.4
	WRGC5	5	5	24	11	13	23	11	10	1.5
	WRGC6	6.5	5	28	13	15	26	12	11	2.1
	WRGC8	8	6	34	16	19	30	14	15	4.1
	WRGC10	10	8	42	19	22	34	18	17	6.8
	WRGC13	13	10	55	24	30	42	23	21	11
	WRGC16	16	12	63	29	33	50	26	26	21
	WRGC19	19	12	75	32	38	54	29	30	28
	WRGC22	22	14	85	37	44	61	33	34	40
	WRGC26	26	14	95	41	45	65	35	37	44
	WRGC30	30	16	110	48	50	74	37	43	60
	WRGC34	34	16	120	52	55	80	42	50	85
	WRGC40	40	16	140	58	60	88	45	55	104

WIRE ROPE RIGGING

HH Open Spelter Socket HHOSS

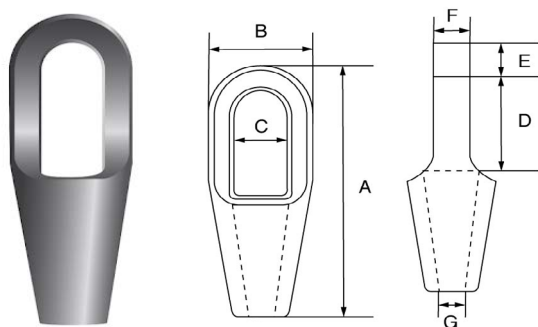

Technical information:

- High tensile steel.
- Hot dipped galvanised Finish .
- Temperature range -20 C to +200 C .
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .

TECHICAL SPECIFICATION	Product code	WIRE ROPE DIA	M.B.L	A	B	C	D	E	F	NET WEIGHT
		(mm)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HHOSS7	6-7	8	109	51	19	16	33	9	0.4
	HHOSS10	8-10	12	124	62	21	21	34	12	0.7
	HHOSS13	11-13	20	143	66	26	25	37	15	1.0
	HHOSS16	14-16	25	172	82	33	30	49	19	1.8
	HHOSS19	18-19	40	205	95	38	35	58	21	3.0
	HHOSS22	20-22	55	235	110	44	41	68	24	4.6
	HHOSS26	23-26	75	275	130	51	51	75	28	8.0
	HHOSS30	27-30	90	306	144	57	57	85	32	11.0
	HHOSS36	31-36	125	338	155	63	64	95	38	16.0
	HHOSS39	37-39	150	394	178	76	70	127	41	22.0
	HHOSS42	40-42	170	418	187	76	76	127	44	27.0
	HHOSS48	43-48	225	468	213	89	89	134	51	41.0
	HHOSS54	49-54	280	552	240	101	95	181	57	64.0
	HHOSS60	55-60	360	598	270	113	108	196	63	88.0
	HHOSS68	61-68	425	654	303	127	121	213	73	125
	HHOSS75	69-75	460	696	349	133	127	216	79	155
	HHOSS80	76-80	560	737	371	146	133	220	86	187
	HHOSS86	81-86	625	788	391	159	140	228	92	230
	HHOSS93	87-93	720	852	411	171	152	242	99	260
	HHOSS102	94-102	875	914	447	191	178	254	108	400
	HHOSS115	108-115	1200	1160	489	206	193	369	124	660

WIRE ROPE RIGGING

HH Closed Spelter Socket HHCSS

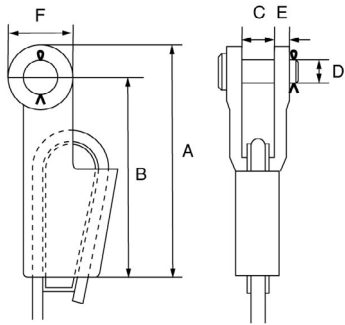

Technical information:

- High tensile steel.
- Hot dipped galvanised Finish .
- Temperature range -20 C to +200 C .
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .

TECHICAL SPECIFICATION	Product code	WIRE ROPE DIA	M.B.L	A	B	C	D	E	F	G	NET WEIGHT
		(mm)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HHCSS7	6-7	8	101	37	22	40	11	13	9	0.3
	HHCSS10	8-10	12	119	43	25	48	14	17.5	12	0.5
	HHCSS13	11-13	20	140	52	30	58	18	23.5	15	0.75
	HHCSS16	14-16	25	162	68	37	66	21	26	17.5	1.5
	HHCSS19	18-19	40	194	76	42	78	27	32	21.5	2.4
	HHCSS22	20-22	55	224	92	47	90	33	38	24	3.6
	HHCSS26	23-26	75	253	104	57	103	36	44	28	5.8
	HHCSS30	27-30	90	282	114	63	116	39	51	32	7
	HHCSS36	31-36	125	312	127	70	130	43	57	38	10.5
	HHCSS39	37-39	150	358	136	79	155	51	63	41	13
	HHCSS42	40-42	170	390	146	83	171	54	70	44	17
	HHCSS48	43-48	225	443	171	93	198	55	76	51	26
	HHCSS54	49-54	280	502	193	100	224	62	82	57	37.5
	HHCSS60	55-60	360	548	216	112	247	73	92	63	50
	HHCSS68	61-68	425	597	241	140	270	70	102	73	65
	HHCSS75	69-75	460	644	273	159	286	70	124	79	94
	HHCSS80	76-80	560	686	292	171	298	83	133	86	115
	HHCSS86	81-86	625	743	311	184	311	102	146	92	145
	HHCSS93	87-93	720	788	330	197	330	102	159	99	168
	HHCSS102	94-102	875	845	362	216	356	108	178	108	210
	HHCSS115	108-115	1200	1000	405	235	425	125	190	125	330

WIRE ROPE RIGGING

HH Wire rope Wedged socket HHWS



Technical information:

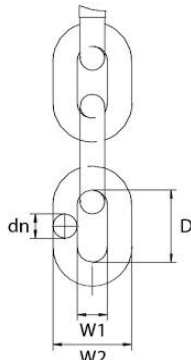
- High tensile steel.
- Orange painted Finish .
- Sizes generally to BS EN 13411- 6 .
- Temperature range -20 C to +200 C .
- Marked with material grade , manufacturers ID , Product ID Mark and traceability Code .
- Mill Test Certificate .

TECHICAL SPECIFICATION	Product code	WIRE ROPE DIA	WIRE ROPE DIA	M.B.L	A	B	C	D	E	F	NET WEIGHT
		(mm)	(INCH)	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
	HHWS78	7-8	5/16	8	129	110	18	16	9	36	0.8
	HHWS910	9-10	3/8	12	165	142	21	20	11	46	1.7
	HHWS1113	11-13	1/2	20	174	146	25	25	12	57	2.1
	HHWS1416	14-16	5/8	25	211	176	31	30	15	70	4
	HHWS1819	18-19	3/4	40	252	212	38	35	16	80	7
	HHWS2022	20-22	7/8	55	288	240	44	41	19	95	10
	HHWS2426	24-26	1	75	329	274	51	51	22	110	15
	HHWS2729	27-29	1 1/8	90	375	310	57	57	25	130	21
	HHWS3032	30-32	1 1/4	110	423	350	63	64	28	146	31
	HHWS3436	34-36	1 3/8	125	474	400	69	64	28	148	37
	HHWS3739	37-39	1 1/2	150	527	450	76	70	30	153	51
	HHWS4042	40-42	1 5/8	170	580	500	76	76	33	160	64

LIFTING CHAINS



SHORT LINK LIFTING CHAIN G10



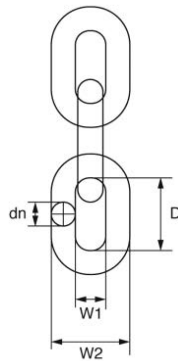
Technical information:

- Grade 10 alloy steel, heat treated.
- Blue painted finish.
- Grade 10 vs Grade 8 increases in load capacity up to 25%. Reduction of slings weight up to 40%. Better wear resistance enabling longer performance.
- Meets the performance requirements of BS EN 818-2 +25% of loads.
- Temperature range: -29°C to +205°C.
- Marked with material grade and manufacturers ID.
- Mill Test Certification available

TECHICAL DIMENSION	ProductCode	dn	D	W1 min	W2max
		(mm)	(mm)	(mm)	(mm)
	G106	6	18	78	222
	G107	7	21	91	259
	G108	8	24	10.4	29.6
	G1010	10	30	130	370
	G1013	13	39	169	481
	G1016	16	48	203	592
	G1019	19	57	247	703
	G1022	22	66	286	814
	G1026	26	78	338	962

TECHICAL DIMENSION	dn	W.L.L	M.P.F	M.B.F	DrumLength	Weight
	(mm)	(t)	(KN)	(KN)	(mm)	(Kgs/m)
	6	1.4	353	565	100	0.83
	7	1.9	48.1	77	100	1.17
	8	2.5	628	102	100	1.51
	10	4	982	157	100	24
	13	6.7	166	265	50	4
	16	10	251	402	50	6
	19	14	354	567	25	8.71
	22	19	475	760	25	11.4
	26	26.5	664	1060	20	16

SHORT LINK LIFTING CHAIN G80



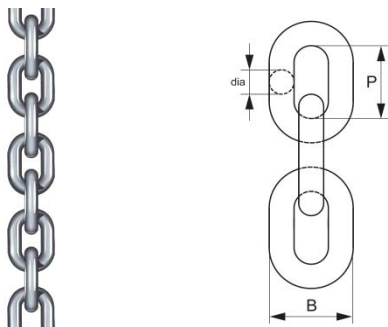
Technical information:

- Grade 80 Alloy steel material, heat treated.
- Black painted finish & hot dipped galvanized .
- Conforms to BS EN 818-2.
- Temperature range: -40 °C to +400 °C (Reductions in W.L.L apply).
- Marked with material grade and manufacturers ID.
- Mill Test Certification available

TECHICAL DIMENSION	ProductCode	dn	D	W1 min	W2max
		(mm)	(mm)	(mm)	(mm)
	G8C7	7	21	91	259
	G8C8	8	24	104	296
	G8C10	10	30	13	37
	G8C13	13	39	169	481
	G8C16	16	48	208	592
	G8C18	18	54	23	63
	G8C20	20	60	26	74
	G8C22	22	66	286	814
	G8C26	26	78	338	962
	G8C32	32	96	416	118

TECHICAL DIMENSION	dn	W.L. L	M.P.F	M.B.F	DrumLength	Weight
	(mm)	(t)	(KN)	(KN)	(mm)	(Kgs/m)
	7	1.50	385	616	100	1.17
	8	2.00	503	804	100	1.51
	10	3.15	785	126	100	2.23
	13	5.30	133	212	100	3.90
	16	8.00	201	322	50	5.79
	18	10.00	246	410	50	6.85
	20	12.50	314	503	50	9.21
	22	15.00	380	608	25	11.20
	26	21.20	531	849	25	15.20
	32	31.50	804	1290	20	23.00

STAINLESS STEEL SHORT LINK CHAIN G6



Technical information:

- GRADE 6 , STAINLESS STEEL , AISI 316 L .
- Ensuring maximum corrosion resistance
- Material AISI 316.
- suitable for lifting purposes.
- Mill Test Certification available

TECHICAL DIMENSION	ProductCode	DIA	P	B	W.L.L	Weight
		(mm)	(mm)	(mm)	(t)	(Kgs)
	G6SSC6	6	18	78	0.9	0.8
	G6SSC7	7	21	9.1	1.25	1.15
	G6SSC8	8	24	10.4	1.6	1.3
	G6SSC10	10	30	13	2.5	2.14
	G6SSC13	13	39	16.9	4.25	3.65
	G6SSC16	16	48	20.8	6.3	7.6

MILD STEEL CHAIN



Technical information:

- Mild steel material.
- Zinc plated finish.
- Suits HH Chain Hoists .

ProductCode	MODEL	DIA	PITCH	Weight
		(mm)	(mm)	(Kgs)
HCZP5X23	T0502	5	23.7	0.45

WEBBING SLINGS

CE ISO9001
ISO14001



FLAT WEBBING SLINGS

Technical information:

Our most popular sling type – Avalialibe Up To 24 T , our standard flat slings come in simplex (1 layer) , duplex (2 layer) , triplex (3 layer) and Quad (4 layer) forms and offer solutions to most lifting problems.

Woven from high tenacity polyester yarn, these slings feature low weight, flexibility of use and ease of handling.

They give significant improvements in safety and costs in comparison to other lifting equipment.

- Available In Saftey Factor 7 : 1
- Manufactured Acc. to EN 1492-1
- Mill Test Certicate



CAPACITY CHART in KGS for FLAT WEBBING SLINGS

	M=1		M=0.8		M=2		M=1.4		M=1	
	Straight Lift= 100%		Choker Lift=80%		Basket lift=200%		At Angle Beta= 140%		At Angle Beta= 100%	
ColourCode	1-PLY	2-PLY	1-PLY	2-PLY	1-PLY	2-PLY	1-PLY	2-PLY	1-PLY	2-PLY
Vilote	500	1000	400	800	1000	2000	700	1400	500	1000
Green	1000	2000	800	1600	2000	4000	1600	2800	1000	2000
Yellow	1500	3000	1200	2400	3000	6000	2100	4200	1500	3000
Grey	2000	4000	1600	3200	4000	8000	2800	5600	2000	4000
Red	2500	5000	2000	4000	5000	10000	3500	7000	2500	5000
Brown	3000	6000	2400	4800	6000	12000	4200	8400	3000	6000
Blue	4000	8000	3200	6400	8000	16000	5600	11200	4000	8000
orange	5000	10000	4000	8000	10000	20000	7000	14000	5000	10000
orange	6000	12000	4800	9600	12000	24000	8400	16800	6000	12000
orange	7500	15000	6000	12000	15000	30000	10500	21000	7500	15000

CAPACITY CHART in KGS for FLAT WEBBING SLINGS

	M=1		M=0.8		M=2		M=1.4		M=1	
	Straight Lift= 100%		Choker Lift=80%		Basket lift=200%		At Angle Beta= 140%		At Angle Beta= 100%	
ColourCode	3-PLY	4-PLY	3-PLY	4-PLY	3-PLY	4-PLY	3-PLY	4-PLY	3-PLY	4-PLY
Vilote	1500	2000	1200	1600	3000	4000	2100	2800	1500	2000
Green	3000	4000	2400	3200	6000	8000	4200	5600	3000	4000
Yellow	4500	6000	3600	4800	9000	12000	6300	8400	4500	6000
Grey	6000	8000	4800	6400	12000	16000	8400	11200	6000	8000
Red	7500	10000	6000	8000	15000	20000	10500	14000	7500	10000
Brown	9000	12000	7200	9600	18000	24000	12600	16800	9000	12000
Blue	12000	16000	9600	12800	24000	32000	16800	22400	12000	16000
orange	15000	20000	12000	16000	30000	40000	21000	28000	15000	20000
orange	18000	24000	14400	19200	36000	48000	25200	33600	18000	24000
orange	22500	30000	18000	24000	45000	60000	31500	42000	22500	30000

ROUND SLINGS



Technical information:

The nature of our round slings provide superior flexibility and can be configured to irregular loads. These polyester slings have a very low weight-to-strength ratio in comparison to the traditional chain and wire options.

- We can produce standard round slings ranging from 1T to 50T
- Our round slings range from 1T to 120T
- Printed WLL on sleeve (up to 10T) along with 1 stripe per tonne
- Colour coded for easy identification
- Superior weave construction ensures long life of product
- Available with a choice of wear sleeves for added protection at the load point
- Available In Safety Factor 7 : 1
- Manufactured Acc. to EN 1492-2
- Mill Test Certificate

CAPACITY CHART in KGS for ROUND WEBBING SLINGS

	M=1	M=0.8	M=2	M=1.4	M=1
					
	Straight Lift = 100%	Choker Lift = 80%	Basket lift = 200%	At Angle Beta = 140%	At Angle Beta = 100%
Colour Code					
Vilote	1000	800	2000	1400	1000
Green	2000	1600	4000	2800	2000
Yellow	3000	2400	6000	4200	3000
Grey	4000	3200	8000	5600	4000
Red	5000	4000	10000	7000	5000
Brown	6000	4800	12000	8400	6000
Blue	8000	6400	16000	11200	8000
orange	10000	8000	20000	14000	10000
orange	12000	9600	24000	16800	12000
orange	15000	12000	30000	21000	15000
orange	20000	16000	40000	28000	20000
orange	25000	20000	50000	35000	25000
orange	30000	24000	60000	42000	30000
orange	50000	40000	100000	70000	50000
orange	100000	80000	200000	140000	100000
orange	125000	100000	250000	175000	125000
orange	150000	120000	300000	210000	150000
orange	200000	160000	400000	280000	200000
orange	250000	200000	500000	350000	250000
orange	300000	240000	600000	420000	300000

RATCHED TIE DOWN

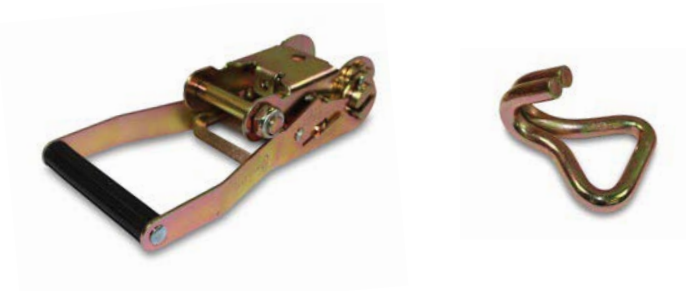


Technical information:

Our lashings are designed to satisfy a wide range of applications including truck, boat, rail, in plant logistics and cargo management. They are available in a variety of widths (25mm, 50mm, 75mm and 100mm) lengths, colours and hardware fittings.

- 100% polyester with low elongation properties
 - Wear sleeves can be fitted to improve the product's lifecycle
 - A multitude of hardware fittings are available to suit the application
 - All load restraints are manufactured to the latest international standards
 - Standard colours are blue or orange.
- Other colours and printed webbing are available
- Manufactured Acc. to EN12195-2

RATCHED FITTING
AS PER CUSTMORE
APPLICATION



Webbing Width	Minimum Breaking Strength	End-FittingType	Type
1" (25 mm)	1000 Kgs	Double J Hook	Ratchet
2" (50 mm)	3000 Kgs	Double J Hook	Ratchet
2" (50 mm)	5000 Kgs	Double J Hook	Ratchet
3" (75 mm)	8000 Kgs	Double J Hook	Ratchet
3" (75 mm)	10000 Kgs	Double J Hook	Ratchet
4" (100 mm)	12000 Kgs	Flat/Double J Hook	Winch / Ratchet



MARINE ROPES

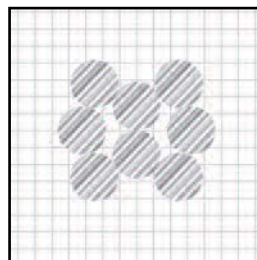
MARINE ROPE

HH MAX PP 8 ST POLYPROPLENE ROPES



Characteristics :

- Good strength
- Good UV resistance
- Non-Torque construction
- Floats
- Excellent flex wear resistance



Structure :

- 8 - strand construction
- Polypropylene

Applications :

- Floating tow lines
- Mooring and tie-up lines
- Mooring pick-up lines

TECHICAL SPECIFICATION	Dia		Circ.		Weight		UNSPLICED MBL		LDBF, SPLICED MBL	
	(inch)	(mm)	(inch)		kg/200m	(lb/600ft)	(ton)	(kN)	(ton)	(kN)
	1-5/16	24	3		55	111	8.0	78.5	7.2	70.7
	1-1/32	26	3-1/4		64	129	9.2	90.3	8.3	81.3
	1-1/8	28	3-1/2		74	149	10.6	104.0	9.5	93.7
	1-3/16	30	3-3/4		86	173	12.0	117.8	10.8	106.0
	1-1/4	32	4		97	196	13.5	132.6	12.2	119.3
	1-11/32	34	4-1/4		110	222	15.1	148.2	13.6	133.5
	1-7/16	36	4-1/2		122	246	17.0	166.9	15.3	150.2
	1-1/2	38	4-3/4		135	272	19.0	186.5	17.1	167.9
	1-9/16	40	5		143	288	23.5	230.7	21.2	207.7
	1-11/16	42	5-1/4		161	325	26	255.3	23.4	229.8
	1-25/32	45	5-5/8		184	371	29.5	289.6	26.6	260.7
	1-7/8	48	6		208	419	33.0	324.0	29.7	291.6
	2	50	6-1/4		226	456	36.0	353.4	32.4	318.2
	2-1/6	52	6-1/2		244	492	38.0	373.4	34.2	335.8
	2-5/32	55	6-7/8		274	552	43.0	422.2	38.7	380.0
	2-3/8	60	7-1/2		326	657	51.0	500.0	45.9	450.7
	2-9/16	65	8-1/8		370	746	57.0	559.7	51.3	503.7
	2-3/4	70	8-3/4		440	887	68.0	667.7	61.2	600.9
	2-7/8	72	9		460	927	72.0	706.9	64.8	636.3
	2-31/32	75	9-3/8		508	1024	79.0	775.7	71.1	698.1
	3-5/32	80	10		580	1169	88.0	864.1	79.2	777.7
	3-3/8	85	10-5/8		655	1320	98.0	962.3	88.2	866.1
	3-9/16	90	11-1/4		734	1480	110.0	1080.1	99.0	972.1
	3-3/4	95	11-7/8		817	1647	123.0	1207.7	110.7	1087.0
	4	100	12-1/2		905	1824	135.0	1325.6	121.5	1193.0
	4-3/20	105	13-1/8		998	2012	150.0	1472.9	135.0	1325.6
	4-5/16	110	13-3/4		1095	2207	165.0	1620.2	148.5	1458.2
	4-9/16	115	14-3/8		1197	2413	180.0	1767.4	162.0	1590.8
	4-3/4	120	15		1300	2621	195.0	1914.7	175.5	1723.3

· → 5 % tolerance according to ISO 2307

· LDBF = Line Design Break Force to MEG4 OCIMF Guidelines .

MARINE ROPE

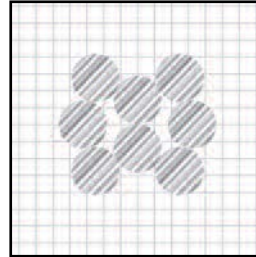
HH MAX NY 8 ST NYLON ROPES

MAX NY



Characteristics :

- Well balanced construction
- High strength
- Fast easy splicing
- Excellent wear life



Structure :

- 8 - strand construction
- Nylon

Applications :

- Moring lines
- Shock and tow lines
- Mooring pendants
- Anchor lines

TECHICAL SPECIFICATION	Dia		Circ.		Weight		UNSPLICED MBL		LDBF, SPLICED MBL	
	(inch)	(mm)	(inch)		kg/200m	(lb/600ft)	(ton)	(kN)	(ton)	(ton)
	1-9/16	40	5		191	385	42.0	411.6	37.8	32.1
	1-3/4	44	5-1/2		234	470	50.4	493.9	45.3	38.6
	1-25/32	45	5-5/8		245	494	52.6	516.2	47.4	40.2
	1-7/8	48	6		277	558	58.2	570.3	52.3	44.5
	2	50	6-1/4		301	607	63.1	618.5	56.8	48.3
	2-1/6	52	6-1/2		328	661	67.8	664.4	61.0	51.9
	2-5/32	55	6-7/8		367	740	75.8	743.2	68.2	58.0
	2-1/4	56	7		380	760	76.6	752.0	69.1	60.6
	2-3/8	60	7-1/2		438	883	86.4	846.7	77.7	66.1
	2-1/2	64	8		498	1002	99.0	970.2	89.1	75.7
	2-9/16	65	8-1/8		513	1035	102.0	999.6	91.8	78.0
	2-11/16	68	8-1/2		561	1132	111.6	1093.6	100.4	85.4
	2-3/4	70	8-3/4		596	1202	118.2	1158.3	106.3	90.4
	2-7/8	72	9		631	1273	122.4	1199.5	110.1	93.6
	2-31/32	75	9-3/8		683	1378	132.7	1300.6	119.4	101.5
	3-5/32	80	10		777	1566	150.0	1470.0	135.0	114.8
	3-3/8	85	10-5/8		875	1765	169.2	1658.1	152.2	129.4
	3-7/16	88	11		937	1889	177.6	1740.4	159.8	135.9
	3-9/16	90	11-1/4		980	1977	185.7	1820.4	168.1	142.1
	3-3/4	95	11-7/8		1092	2202	206.8	2027.4	186.1	158.2
	3-13/16	96	12		1103	2224	207.6	2034.4	186.8	158.8
	4	100	12-1/2		1197	2415	225.2	2207.3	22.7	172.3
	4-1/8	104	13		1298	2618	246.0	2410.8	221.4	188.2
	4-3/20	105	13-1/8		1323	2669	250.6	2456.6	225.6	191.7
	4-5/16	110	13-3/4		1452	2929	264.4	2591.9	238.0	202.3
	4-7/16	112	14		1505	3036	270.0	2646.0	243.0	206.6
	4-9/16	115	14-3/8		1587	3201	284.6	2789.4	256.1	217.7
	4-3/4	120	15		1728	3486	309.8	3036.4	278.8	237.0

· → 5 % tolerance according to ISO 2307

· LDBF = Line Design Break Force to MEG4 OCIMF Guidelines .

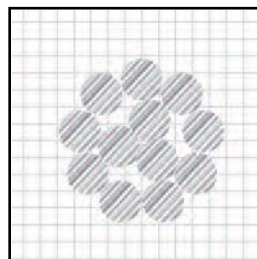
MARINE ROPE

HH MEGA NY 12 ST NYLON ROPES



Characteristics :

- Excellent shock mitigation
- Superior strength
- Maintains high service life flexibility
- Non - Torquing
- Fast, Easy splicing



Structure :

- 12 - strand construction
- Nylon

Applications :

- Anchor lines
- Deep water mooring lines
- Slings
- Mooring pendants

	Dia		Circ.	Weight		UNSPLICED MBL		LDBF, SPLICED MBL	
	(inch)	(mm)	(inch)	kg/200m	(lb/600ft)	(ton)	(kN)	(ton)	(ton)
TECHICAL SPECIFICATION	1-9/16	40	5	198	400	42.0	411.6	37.8	32.1
	1-3/4	44	5-1/2	240	484	50.4	493.9	45.3	38.6
	1-7/8	48	6	284	572	58.2	570.3	52.3	44.5
	2	50	6-1/4	308	621	63.1	618.5	56.8	48.3
	2-1/6	52	6-1/2	332	669	67.8	664.4	61.0	51.9
	2-5/32	55	6-7/8	372	750	75.8	743.2	68.2	58.0
	2-1/4	56	7	400	806	76.6	752.0	69.1	60.6
	2-3/8	60	7-1/2	445	898	86.4	846.7	77.7	66.1
	2-1/2	64	8	504	1015	99.0	970.2	89.1	75.7
	2-9/16	65	8-1/8	520	1048	102.0	999.6	91.8	78.0
	2-3/4	70	8-3/4	603	1216	118.2	1158.3	106.3	90.4
	2-7/8	72	9	660	1330	122.4	1199.5	110.1	93.6
	2-31/32	75	9-3/8	716	1443	132.7	1300.6	119.4	101.5
	3-5/32	80	10	800	1613	150.0	1470.0	135.0	114.8
	3-3/8	85	10-5/8	903	1820	169.2	1658.1	152.2	129.4
	3-7/16	88	11	954	1922	177.6	1740.4	159.8	135.9
	3-9/16	90	11-1/4	998	2012	185.7	1820.4	168.1	142.1
	3-13/16	96	12	1136	2291	207.6	2034.4	186.8	158.8
	4-1/8	104	13	1332	2685	246.0	2410.8	221.4	188.2
	4-7/16	112	14	1544	3112	270.0	2646.0	243.0	206.6
	4-3/4	120	15	1773	3574	309.8	3036.4	278.8	237.0

· $\pm 5\%$ tolerance according to ISO 2307

· LDBF = Line Design Break Force to MEG4 OCIMF Guidelines .

MARINE ROPE

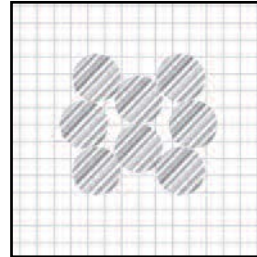
HH MAX PLY 8 ST POLYSTER ROPES

MAX PLY



Characteristics :

- High strength and low stretch
- Balanced , non - rotational construction
- Fast easy splicing
- Excellent wear life



Structure :

- 8 - strand construction
- Polypropylene

Applications :

- Mooring and Tie - Up lines
- Mooring pendants
- For navy

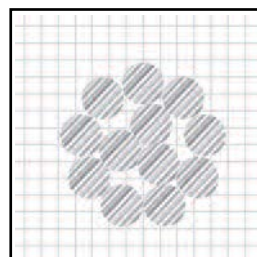
	Dia		Circ.		Weight		UNSPliced MBL		LDBF, SPliced MBL	
	(inch)	(mm)	(inch)		kg/200m	(lb/600ft)	(ton)	(kN)	(ton)	(KN)
	1-9/16	40	5		243	489	32.0	314.0	28.8	282.6
	1-3/4	44	5-1/2		294	592	38.0	373.0	34.2	335.7
	1-25/32	45	5-5/8		308	621	40.0	392.0	36.0	352.8
	1-7/8	48	6		350	706	46.0	451.0	41.4	405.9
	2	50	6-1/4		380	766	49.9	490.0	44.9	441.0
	2-1/6	52	6-1/2		410	827	54.0	530.0	48.6	447.0
	2-5/32	55	6-7/8		459	925	60.4	593.0	54.4	533.7
	2-1/4	56	7		476	960	62.0	608.0	55.8	547.2
	2-3/8	60	7-1/2		546	1101	73.0	716.0	65.7	644.4
	2-1/2	64	8		622	1254	83.0	814.0	74.7	733.5
	2-9/16	65	8-1/8		642	1294	85.6	840.0	77.0	756.0
	2-11/16	68	8-1/2		703	1417	93.6	919.0	84.2	827.1
	2-3/4	70	8-3/4		745	1502	99.2	974.0	89.3	876.6
	2-7/8	72	9		786	1585	103.0	1011.0	92.7	909.9
	2-31/32	75	9-3/8		853	1720	111.7	1096.0	100.5	986.4
	3-5/32	80	10		970	1955	127.0	1246.0	114.3	1122.3
	3-3/8	85	10-5/8		1095	2207	143.3	1407.0	129.0	1266.3
	3-7/16	88	11		1174	2366	152.0	1491.0	136.8	1342.8
	3-9/16	90	11-1/4		1228	2475	158.9	1560.0	143.0	1404.0
	3-3/4	95	11-7/8		1368	2758	177.0	1738.0	159.3	1564.2
	3-13/16	96	12		1398	2818	181.0	1775.0	162.9	1599.3
	4	100	12-1/2		1517	3058	196.3	1927.0	176.7	1734.3
	4-1/8	104	13		1640	3306	208.0	2042.0	187.2	1837.8
	4-3/20	105	13-1/8		1672	3371	212.0	2081.0	190.8	1872.9
	4-5/16	110	13-3/4		1835	3699	232.6	2284.0	209.3	2055.6
	4-7/16	112	14		1900	3830	243.0	2383.0	218.7	2147.4
	4-9/16	115	14-3/8		2003	4038	256.1	2514.0	230.5	2262.6
	4-3/4	120	15		2181	4397	278.8	2737.0	250.9	2463.3

· $\pm 5\%$ tolerance according to ISO 2307

· LDBF = Line Design Break Force to MEG4 OCIMF Guidelines .

MARINE ROPE

HH MEAG PLY 12 ST POLYESTER ROPES


Structure :

- 8 - strand construction
- Polyester

Applications :

- Pulling lines
- Deep water mooring lines
- Slings
- Tow lines

	Dia		Circ.	Weight		UNSPliced MBL		LDBF, SPliced MBL	
	(inch)	(mm)	(inch)	kg/200m	(lb/600ft)	(ton)	(kN)	(ton)	(KN)
TECHICAL SPECIFICATION	1-9/16	40	5	243	489	34.0	333.0	30.6	229.7
	1-3/4	44	5-1/2	294	592	39.0	383.0	35.1	344.7
	1-7/8	48	6	350	706	47.0	461.0	42.3	414.9
	2	50	6-1/4	380	766	50.9	499.0	45.8	449.1
	2-1/6	52	6-1/2	410	824	56.0	549.0	50.4	494.1
	2-5/32	55	6-7/8	459	925	62.4	612.0	56.2	550.8
	2-1/4	56	7	476	960	64.0	628.0	57.6	565.2
	2-3/8	60	7-1/2	546	1101	76.0	746.0	68.4	671.4
	2-1/2	64	8	622	1254	84.0	824.0	75.6	741.6
	2-9/16	65	8-1/8	642	1294	86.0	844.0	77.4	759.6
	2-3/4	70	8-3/4	745	1502	99.0	972.0	89.1	874.8
	2-7/8	72	9	786	1585	109.0	1069.0	98.1	962.0
	2-31/32	75	9-3/8	853	1720	118.0	1158.0	106.2	1042.0
	3-5/32	80	10	970	1955	133.0	1304.0	119.7	1175.4
	3-3/8	85	10-5/8	1095	2207	150.0	1472.0	135.0	1324.8
	3-7/16	88	11	1174	2366	159.0	1561.0	143.1	1404.9
	3-9/16	90	11-1/4	1228	2475	166.0	1630.0	149.4	1467.0
	3-13/16	96	12	1395	2818	191.0	1873.0	171.9	1685.7
	4-1/8	104	13	1640	3306	221.0	2167.0	198.9	1950.0
	4-7/16	112	14	1900	3830	256.0	2511.0	230.4	2259.0
	4-3/4	120	15	2180	4395	293.0	2874.0	263.7	2586.0

· $\pm$ 5 % tolerance according to ISO 2307

· LDBF = Line Design Break Force to MEG4 OCIMF Guidelines .

MARINE ROPE

HH MORING TAILS



NYLON TAIL ROPE



PP+PS MIXED TAIL ROPE

TECHICAL SPECIFICATION	Material	Construction	Dia	MBL	Type
			mm	ton	
	Nylon	8 - Strand 12 - Srand	60 UP	64 UP	Eye to Eye Endless
	PP + PS mixed	8 - Strand 12 - Srand		55 UP	



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