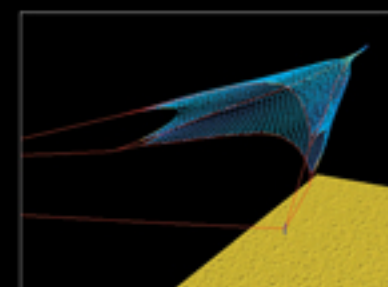


FISHING SYSTEMS

KOREA TRADING & INDUSTRIES CO.,LTD.

TRAWL NET / PURSE SEIN / POT / FISH FARM NET / ROPE / NETTING /
BLOCKS / HOOKS / SHACKLES / RINGS / COURSES / LINKS / SWIVELS / CHAINS /
GROUND GEARS / TURNBUCKLES / FLOATS / SOCKETS / TOOLS



CONTENTS

INTRODUCTION	----	4
HISTORY OF COMPANY	----	5
COMPLETED NET		
TRAWL NET	----	9
PURSE SEINE	---	12
POT	---	13
FISH FARM NET	---	14
ROPE & NETTING		
ROPE		
<i>PP Rope</i>	---	17
<i>PP Muti Rope</i>	---	18
<i>PE Rope</i>	---	19
<i>PES Rope</i>	---	20
<i>Nylon Rope</i>	---	21
<i>Kuralon Rope</i>	---	22
<i>Lead Core Rope</i>	---	23
<i>PK Rope</i>	---	23
<i>12 S/T Braided Rope</i>	---	24
<i>Compound Rope</i>	---	26
<i>Combination Rope</i>	---	26
<i>Wire Rope</i>	---	27
NETTING	---	28
FISHING HARDWARE		
BLOCKS		
<i>Top Roller Block</i>	---	31
<i>Fish Tackle Block _ Off Type</i>	--	31
<i>Fish Tackle Block _ Hook Type</i>	-	32
<i>Wide Roller Block</i>	---	32
<i>Cargo Block</i>	---	33
<i>Cast Steel Cargo Block</i>	---	33
<i>Jin Block _ Standard Type</i>	---	34
<i>Jin Block _ Snatch Type</i>	---	34
<i>Snatch Block</i>	---	34
<i>Laching Snatch Block</i>	---	35
<i>Towing Block</i>	---	35

HOOKS		
<i>Dog Hook</i>	---	36
<i>Net Shooting Hook</i>	---	36
<i>Cargo Hook</i>	---	36
<i>Net Hauling Hook</i>	---	36
<i>O.B Stopper Hook</i>	---	37
<i>Eye Foundry Hook</i>	---	37
<i>Clevis Grab Hook</i>	---	37
<i>Clevis Grab Hook _ Italy Type</i>	---	37
<i>Clevis Slip Hook</i>	---	38
<i>Clevis Sling Hook</i>	---	38
<i>Shank Hook</i>	---	38
<i>Eye Hook</i>	---	38
<i>Safety Latch Hook _ Eye Type</i>	---	39
<i>Safety Latch Hook _ Swivel Type</i>	---	39
<i>Swivel Hook</i>	---	39
<i>Bearing Swivel Hook</i>	---	39
SHACKLES		
<i>D - Shackle</i>	---	40
<i>B - Shackle</i>	---	40
<i>Endless Shackle</i>	---	40
<i>S.B - Shackle</i>	---	41
<i>B.B - Shackle</i>	---	41
<i>S.C - Shackle</i>	---	42
<i>B.C - Shackle</i>	---	42
<i>O.B Adjusting Shackle</i>	---	43
<i>T- Shackle</i>	---	43
<i>Roller Sahckle</i>	---	43
RINGS		
<i>Pressed Center Ring</i>	---	44
<i>Pressed End Ring</i>	---	44
<i>Pressed 8 Type Ring</i>	---	44
<i>Warp Ring</i>	---	44
<i>Puzzle Ring</i>	---	45
<i>Cod Band Ring</i>	---	45
<i>G - Hook (& warp ring & 8 type ring)</i>	-	45

CONTENTS

FISHING HARDWARE

LINKS	<i>Coupling Link _ A Type (CP)</i>	--- 45
	<i>Coupling Link _ B Type (BCP)</i>	--- 45
	<i>Master Link</i>	--- 46
	<i>Sling Link</i>	--- 46
	<i>Master Link Assembly</i>	--- 46
	<i>Quick Link</i>	--- 46
COURSES	<i>Course _ A Type</i>	--- 47
	<i>Course _ B Type</i>	--- 47
	<i>Course _ C Type</i>	--- 47
	<i>Course _ D Type</i>	--- 47
SWIVELS	<i>Single Swivel</i>	--- 48
	<i>Double Swivel</i>	--- 48
	<i>SUS Single Swivel</i>	--- 48
	<i>SUS Double Swivel</i>	--- 48
	<i>Bearing Swivel</i>	--- 49
	<i>Compact Bearing Swivel</i>	--- 49
	<i>Bearing Swivel (Jaw & Jaw)</i>	--- 49
GROUND GEARS	<i>Rubber Bobbin</i>	--- 50
	<i>RBC (Rubber Bobbin Cut)</i>	--- 50
	<i>Rubber Tube</i>	--- 50
	<i>Tire Press</i>	--- 50
	<i>Tire Disk</i>	--- 50
	<i>Rubber Bunt</i>	--- 51
	<i>Rubber Dish</i>	--- 51
	<i>Rubber Ball</i>	--- 51
	<i>Steel Ball</i>	--- 51
	<i>Iron Ball</i>	--- 51
	<i>Iron Ball _ Separate Type</i>	--- 51
	<i>Delta Plate with Bar</i>	--- 52
	<i>Delta Plate</i>	--- 52
	<i>Butterfly Plate</i>	--- 52
	<i>Steel Bar</i>	--- 52
	<i>Iron Sinker</i>	--- 52
	<i>Wire Rope Clip</i>	--- 53
	<i>SUS Wire Rope Clip</i>	--- 53
	<i>Wire Clip</i>	--- 53

CHAINS	<i>hort Link Chain</i>	--- 54
	<i>Long Link Chain</i>	--- 54
	<i>Anchor Chain</i>	--- 55
	<i>Grade 80 Chain</i>	--- 56
	<i>Stainless Steel Chain</i>	--- 56
	<i>Hanging Chain _ Pipe Type</i>	--- 56
	<i>Hanging Chain _ Weight Type</i>	-- 56
TURNBUCKLES	<i>Turnbuckle _ Eye & Eye</i>	--- 57
	<i>Turnbuckle _ Jaw & Jaw</i>	--- 58
	<i>Turnbuckle _ Hook & Hook</i>	--- 59
	<i>Riging Screw</i>	--- 59
FLOATS	<i>Floats _ A type & B Type</i>	--- 60
SOCKETS	<i>Open Socket</i>	--- 61
	<i>Closed Socket</i>	--- 61
TOOLS	<i>Iron Needle</i>	--- 62
	<i>Netting Needle</i>	--- 62
	<i>Wooden Spike</i>	--- 62
	<i>Iron Spike</i>	--- 62
	<i>Knife</i>	--- 62
	<i>Victorinox Knife</i>	--- 62
	<i>Box Spanner (for Otter Boards)</i>	- 63
	<i>Box Spanner (for Wire Clips)</i>	-- 63
	<i>Crocodile Spanner</i>	--- 63
	<i>Splicing Fid</i>	--- 63
	<i>Hammer</i>	--- 63
	<i>Chisel Hammer</i>	--- 63
	<i>Punch Stand (for coupling link)</i>	- 64
	<i>Punch Pins</i>	--- 64
	<i>3 Point Vice</i>	--- 64
	<i>Wire Table</i>	--- 64
	<i>Stopper Hook</i>	--- 64



KOREA TRADING & INDUSTRIES CO.,LTD.

INTRODUCTION

Korea Trading & Industries Co.,Ltd was founded in 1987 and has been at the forefront in developing and manufacturing for wide range of products from various kind of fishing net, advanced completed net, rope & twines to fishing gears, by pioneering many technical innovations and using sound materials.

World-wide recognition as a quality producer for products in the field of fisheries industry has been acquired by **Korea Trading & Industries Co.,Ltd**. Because KTI's technological know-how and applications experience is accumulated over many years under strict quality control procedures.

We are ready to make a strong and determined motive to become the world's greatest producer of fishing products through our challenging vision "**UPGRADE 2010**" plan.

Korea Trading & Industries Co.,Ltd will continue with its firm commitment to quality improvement and technical innovation to support its aim.





Trading & ies Co.,Ltd.

HISTORY OF COMPANY

- 87 / 11 Establish of korea fishing net industry.
- 88 / 03 Initial export to Las Palamas, Spain.
- 88 / 05 Initial export to Morocco, Mauritania and Africa.

- 90 / 08 Change of company's name to ' **Korea Trading and Industries Co.,Ltd** '.
- 90 / 09 R&D center installed.
- 92 / 07 Initial export to Russia.
- 93 / 03 Initial export to New Zealand.
- 93 / 08 Nominated as leading company by korea foreign exchange bank.
- 96 / 01 Establish of metal division.
- 97 / 01 Approved by korea regulation.

- 00 / 01 Asvanded technology company nominated by korea machinery institute.
- 00 / 03 ERP system set up.
- 00 / 03 Establish of third factory.
- 00 / 04 Shin-Pyung factory acquired.
- 01 / 07 Prime member nominated by korea exchange bank.
- 02 / 11 Certified of ISO 9002:2000, BS EN ISO 9001 :2000, KS A 9001:2001 BY LRQA.
- 04 / 02 Establish of 4TH factory.



Completed Net

Trawl net

Purse seine

Pot

Fish Farm Net

Completed Net Trawl Net

Midwater Trawl

Bottom Trawl

Shrimp Trawl

Cod End



Our trawl is designed by deriving the best trawl standards and materials which have been adopted by the characteristic of fishing vessel and ground through computer simulation based on the manufacturing experience and knowledge for a long time.

And also, our trawl nets keep improving a performance through a regular strict evaluation on fishing ground with National Fisheries Research & Development Institute and Pukyong National University as cooperation, and supporting our customers to be the best fishing with gathering real data as well as improving performance according to the characteristic of each clients and boats.

The material of our trawl use Dyneema, Super PE, High PE, PP, Nylon, PES, ETC, and braiding or twisting those, choose the best materials according to a characteristic of fishing ground and a kind of fish.

Our trawl elevate the performance of fishing as a minimum resistance and maximum size because it is manufactured by the best ideal net plan and choosing suitable materials. Furthermore, user of the boat can use and adjust it more easily as well as reduce the loss of repairing.

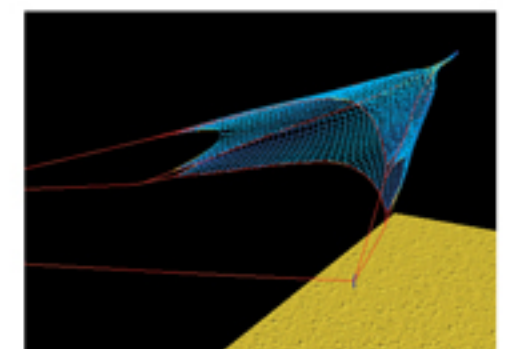
Our midwater trawl is being used for catching a Pollack, Herring, Sardine, Horse Mackerel, Mackerel, Krill (shrimp), Hake, ETC in Korea, Japan, The far east of Russia, Africa, and the Antarctic ocean.

Bottom trawl is being used for catching a Pollack, Codfish, Herring, Squid, Flounder, Flatfish, Atka mackerel, Prawn in Korea, Japan, Africa, The far east of Russia.

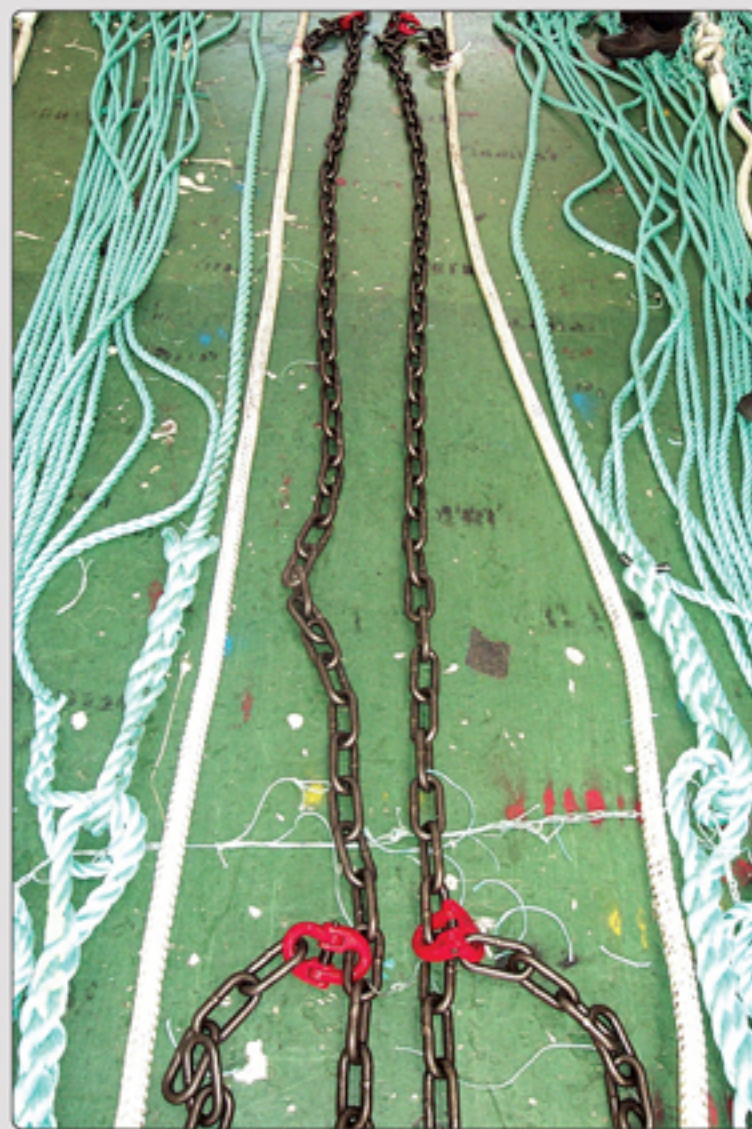
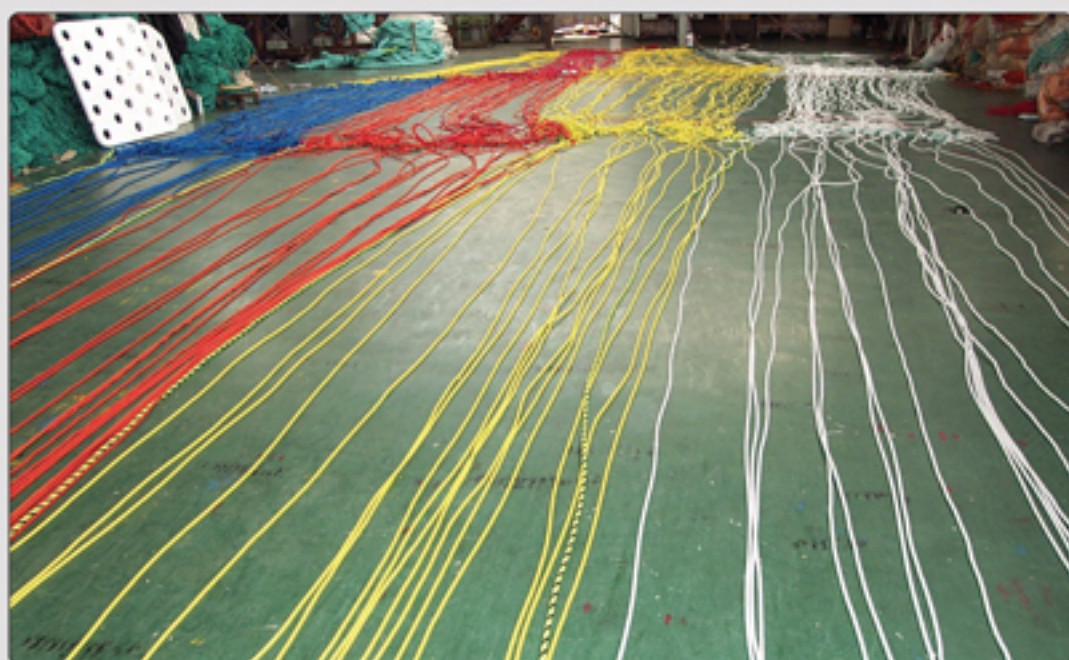
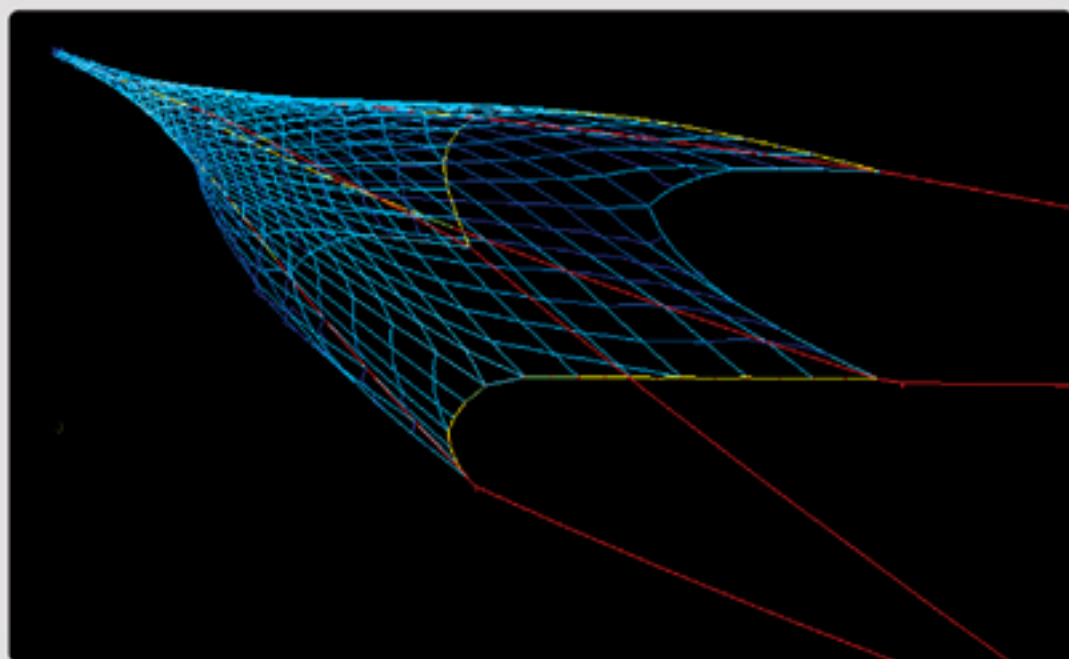
Our trawl gain great public favor by which has been adopted very well according to world major fishing ground, various characteristic of fishing ground, and target species.

Our trawl as the leading manufacturer in all around world is excellent with fishing performance and contributes to maximize the profit of your esteemed company.

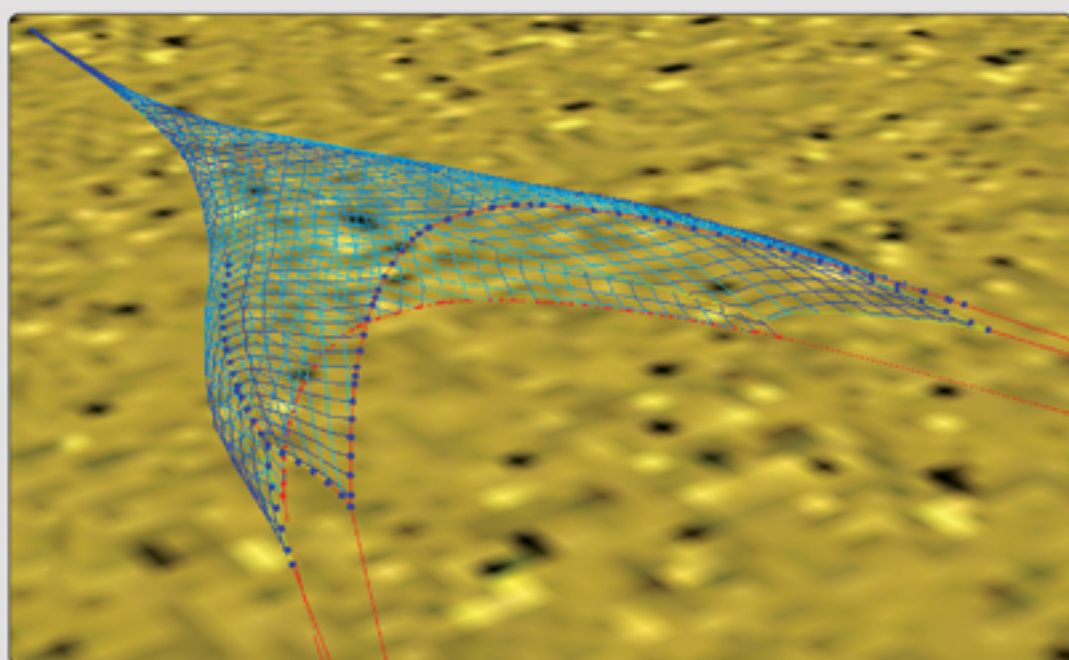
Rebuilding / Modifying / Refairing



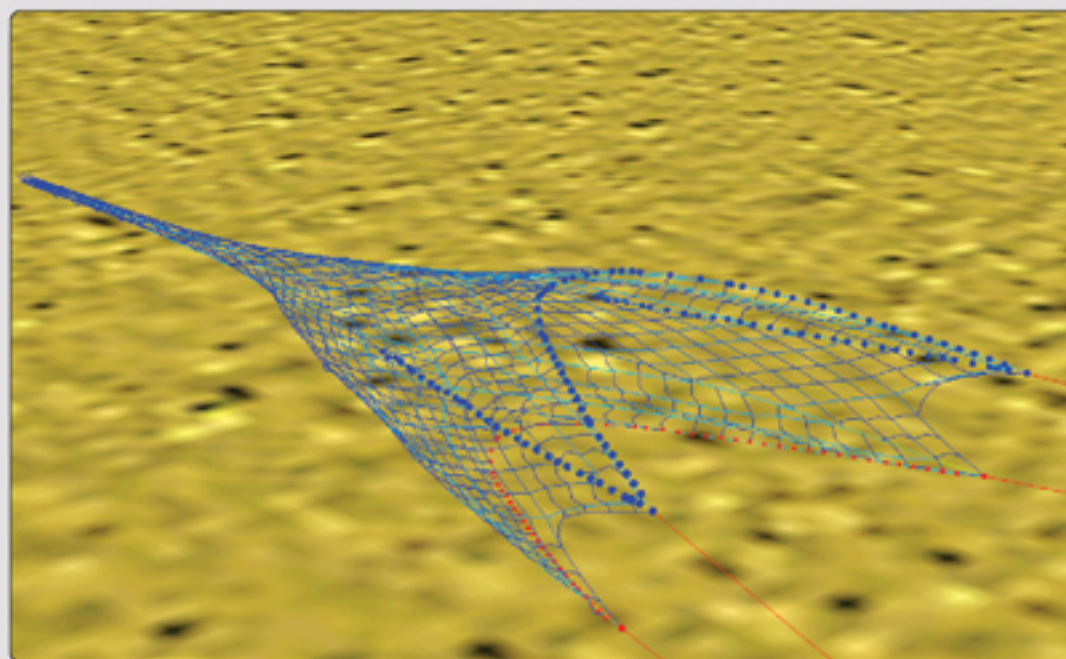
Midwater Trawl



Bottom Trawl



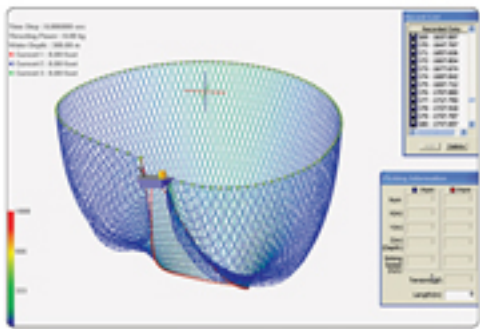
Shrimp Trawl



Cod End



Completed Net Purse Seine



KTI, which has an indoor tuna purse seine assembly yard on a nationwide scale, is possible to assemble any kinds of net flawlessly with utmost delivery time to exclusion of all detriment facts, U.V., rain, etc.

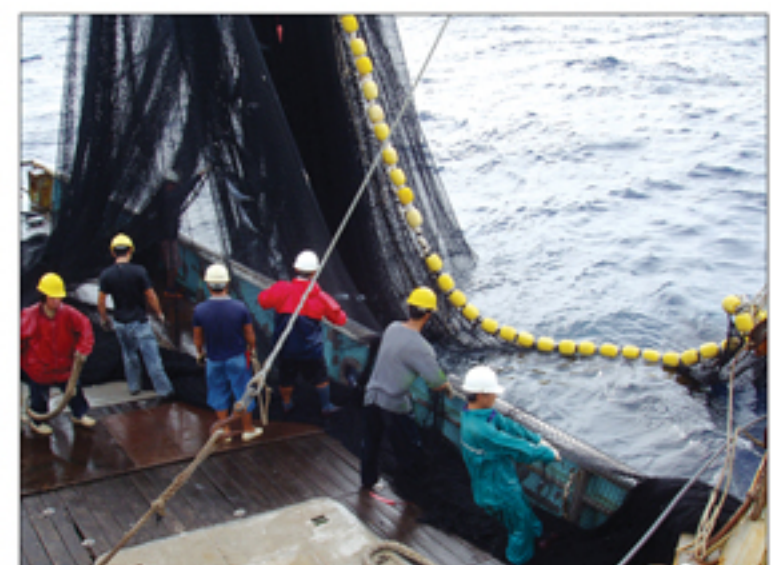
Using hydraulic devices (power block, chain connector, etc.), it can be moved and combined impeccably without any damage caused by incident impacts as well as never permit any fault and defect which used to be occurred on the existing method.



The assembly section has been organized by the specialists who have experienced captain, fishing master and deck master.

Furthermore, they are anticipating research and development for the best fishing net to create big catch for precious customers

Tuna Purse Seine



Completed Net Pot

Enddoor Crab Pot

Pyramid Crab Pot

Round Cone Crab Pot

Shrimp Pot

Cod Pot

Trumpet Pot



Our Enddoor crab pot and Pyramid crab pot have been exporting to the special fishing for a King crab in the far east of Russia and Murmansk as well as being favorably commented from experts.

Materials of the above mentioned pots have the better intensity and the best resistance because of using special steel as well as treated nets with special coating. Thus, our pot has the best durability.

Furthermore, Zink plate is overdue a corrosion of steel frame.

And also, the trigger of entrance not only induce the crabs very well but also obstruct evacuate of crabs inside of pot.

Round cone crab pot, Shrimp pot, and Trumpet pot are manufactured according to the characteristic of target species properly. Furthermore, showing the best quality and catching performance.

Finally, we are sure to extend the profit of your esteemed company because we are dealing with various resources and accessories for the pot fishing necessity.



Enddoor Crab Pot



Pyramid Crab Pot



Round Cone Crab Pot



Cod Pot



Shrimp Pot



Trumpet Pot

Completed Net Fish Farm Net



Tuna Farm Net



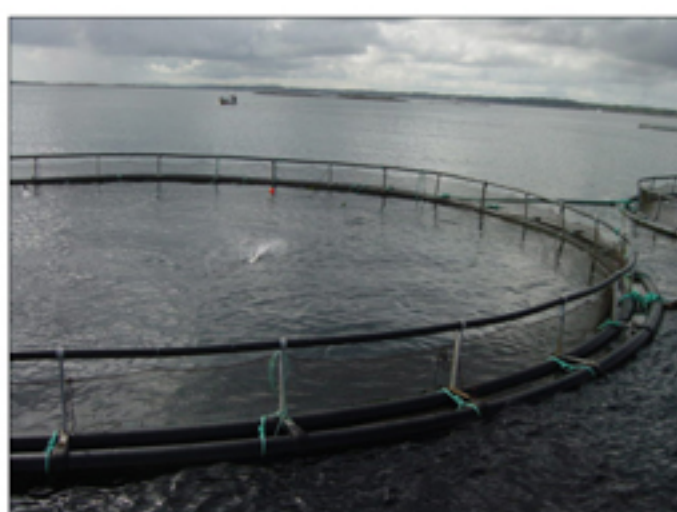
Bracket



Mooring Buoy



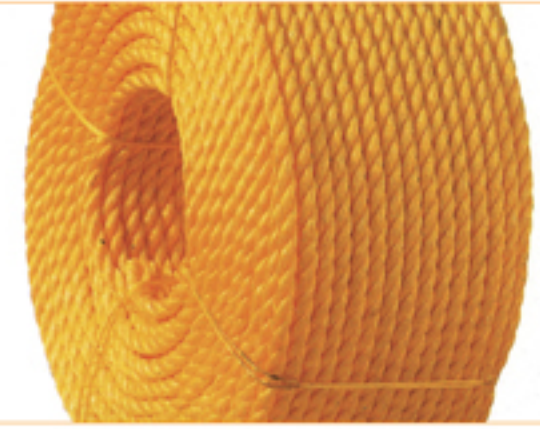
Loop



Rope & Netting

POLY- PROPYLENE ROPE

PP Dan 3S/T



DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
4	5/32	1/2	0.6	0.40	200	2.1
5	3/16	5/8	1.2	0.81	420	4.1
6	1/4	3/4	1.7	1.14	600	5.9
7	9/32	7/8	2.3	1.55	820	8.0
8	5/16	1	3.0	2.02	1,100	10.4
9	3/8	1-1/8	3.7	2.49	1,300	12.4
10	13/32	1-1/4	4.5	3.02	1,600	15.3
11	7/16	1-3/8	5.5	3.70	1,900	18.2
12	15/32	1-1/2	6.5	4.37	2,200	21.7
13	1/2	1-5/8	7.8	5.24	2,600	25.8
14	9/16	1-3/4	9.0	6.05	3,000	29.9
16	5/8	2	11.5	7.73	3,800	37.0
18	23/32	2-1/4	14.8	9.95	4,800	47.2
19	3/4	2-3/8	16.2	10.89	5,200	51.4
20	13/16	2-1/2	18.0	12.10	5,800	56.9
22	7/8	2-3/4	22.0	14.78	7,000	68.2
24	15/16	3	26.0	17.47	8,100	79.7
25	1	3-1/8	28.2	18.95	8,700	85.3
26	1-1/32	3-1/4	30.5	20.50	9,400	92.2
28	1-1/8	3-1/2	35.5	23.86	10,700	104.9
30	1-3/16	3-3/4	40.5	27.21	12,200	119.8
32	1-1/4	4	46.0	30.91	13,500	132.3
34	1-11/32	4-1/4	52.2	35.08	15,100	148.0
36	1-7/16	4-1/2	58.5	39.31	16,900	165.9
38	1-1/2	4-3/4	65.0	43.68	18,500	181.4
40	1-19/32	5	72.0	48.38	20,500	201.0
42	1-21/32	5-1/4	80.1	53.82	22,400	220.0
44	1-3/4	5-1/2	88.0	59.13	24,600	241.5
45	1-13/16	5-5/8	91.4	61.42	25,100	246.4
48	1-7/8	6	104.0	69.89	28,600	280.4
50	2	6-1/4	112.8	75.80	30,500	300.0
52	2-1/16	6-1/2	122.0	81.98	33,000	324.5
55	2-5/32	6-7/8	137.0	92.06	36,500	357.9
56	2-1/4	7	142.0	95.42	37,800	371.0
60	2-3/8	7-1/2	163.0	109.53	43,200	424.2
64	2-1/2	8	185.0	124.31	48,900	480.0
65	2-9/16	8-1/16	191.0	128.35	50,100	491.2
70	2-3/4	8-11/16	221.2	148.64	58,000	569.7
72	2-7/8	9	234.0	157.24	61,400	602.7
75	3	9-1/4	254.9	171.29	66,400	651.5
80	3-5/32	10	290.0	194.87	75,600	741.3
85	3-3/8	10-1/2	327.5	220.07	84,600	830.0
88	3-7/16	11	351.0	235.86	90,700	889.5
90	3-9/16	11-1/8	367.0	246.61	94,000	922.6
95	3-3/4	11-3/4	408.4	274.43	104,800	1,028.0
96	3-13/16	12	417.0	280.21	107,000	1,050.0
100	3-15/16	12-3/8	452.5	304.07	116,100	1,139.0

PP Dan 8S/T

DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
40	1-9/16	5	72.0	48.38	20,500	201.0
44	1-3/4	5-1/2	88.0	59.13	24,600	241.5
48	1-7/8	6	104.0	69.89	28,600	280.4
52	2-1/16	6-1/2	122.0	81.98	33,000	324.5
56	2-1/4	7	142.0	95.42	37,800	371.0
60	2-3/8	7-1/2	163.0	109.53	43,200	424.2
64	2-1/2	8	185.0	124.31	48,900	480.0
68	2-11/16	8-1/2	209.0	140.44	54,800	538.0
72	2-7/8	9	234.0	157.24	61,400	602.7
80	3-5/32	10	290.0	194.87	75,600	741.3
88	3-7/16	11	351.0	235.86	90,700	889.5
96	3-13/16	12	417.0	280.21	107,000	1,050.0
104	4-1/8	13	490.0	329.27	122,800	1,204.4
112	4-7/16	14	570.0	383.02	141,700	1,390.0
120	4-3/4	15	650.0	436.78	162,700	1,596.0



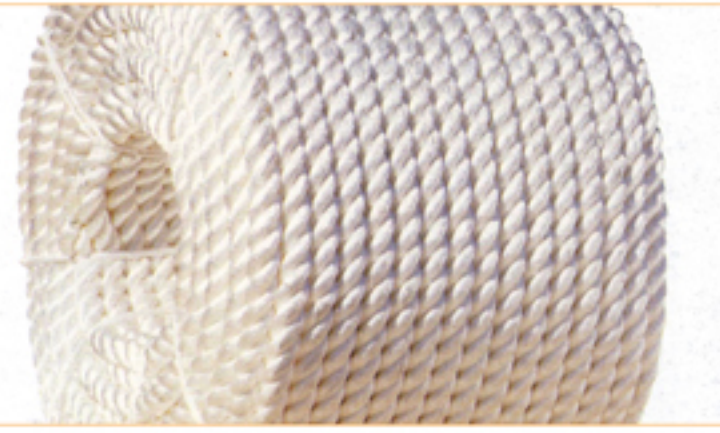
DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
4	5/32	1/2	0.79	0.53	200	2.06
5	3/16	5/8	1.24	0.83	300	3.04
6	1/4	3/4	1.78	1.20	400	4.31
7	9/32	7/8	2.43	1.63	600	5.69
8	5/16	1	3.17	2.13	700	7.35
9	3/8	1-1/8	4.01	2.69	900	9.12
10	13/32	1-1/4	4.95	3.33	1,100	11.1
11	7/16	1-3/8	6.00	4.03	1,300	13.2
12	15/32	1-1/2	7.15	4.80	1,700	16.3
13	1/2	1-5/8	8.20	5.51	1,900	18.7
14	9/16	1-3/4	9.50	6.38	2,200	21.7
16	5/8	2	12.50	8.40	2,800	27.8
18	23/32	2-1/4	15.75	10.58	3,500	34.5
19	3/4	2-3/8	17.60	11.83	3,900	38.3
20	13/16	2-1/2	19.50	13.10	4,300	42.1
22	7/8	2-3/4	23.75	15.96	5,100	50.2
24	15/16	3	28.25	18.98	6,000	59.0
25	1	3-1/8	30.50	20.50	6,500	63.3
26	1-1/32	3-1/4	33.00	22.18	7,000	68.5
28	1-1/8	3-1/2	38.50	25.87	8,000	78.6
30	1-3/16	3-3/4	43.75	29.40	9,100	89.3
32	1-1/4	4	50.00	33.60	10,300	101.0
34	1-11/32	4-1/4	56.50	37.97	11,500	113.0
36	1-7/16	4-1/2	63.00	42.33	12,800	126.0
38	1-1/2	4-3/4	70.50	47.37	14,100	138.0
40	1-19/32	5	78.00	52.41	15,600	153.0
42	1-21/32	5-1/4	85.50	57.45	17,000	167.0
44	1-3/4	5-1/2	93.70	62.96	18,500	181.5
45	1-13/16	5-5/8	98.00	65.85	19,400	190.0
48	1-7/8	6	112.00	75.26	21,700	213.0
50	2	6-1/4	121.50	81.64	23,500	231.0
52	2-1/16	6-1/2	131.00	88.03	25,100	246.0
55	2-5/32	6-7/8	146.50	98.44	28,100	276.0
56	2-1/4	7	152.00	102.14	28,800	283.0
60	2-3/8	7-1/2	174.50	117.26	33,100	325.0
64	2-1/2	8	202.00	135.74	37,200	365.0
65	2-9/16	8-1/16	205.00	137.75	38,400	377.0
70	2-3/4	8-11/16	238.00	159.93	44,000	432.0
72	2-7/8	9	252.00	169.34	46,200	453.0
75	3	9-1/4	273.00	183.45	50,100	491.0
80	3-5/32	10	310.50	208.65	56,500	554.0
85	3-3/8	10-1/2	350.50	235.53	63,200	620.0
88	3-7/16	11	376.00	252.66	65,500	659.0
90	3-9/16	11-1/8	393.00	264.09	70,200	689.0
95	3-3/4	11-3/4	437.50	293.99	77,800	763.0
96	3-13/16	12	447.00	300.37	78,700	772.0
100	3-15/16	12-3/8	485.00	325.91	85,400	838.0

POLY-ETHYLENE ROPE

PE 3S/T



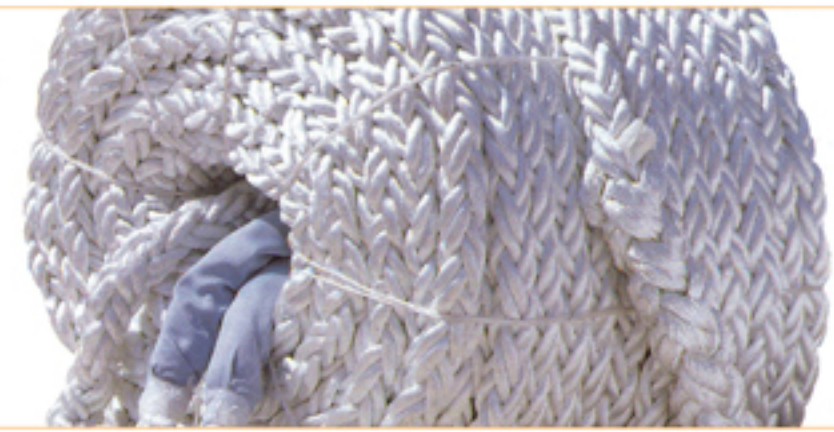
DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
4	5/32	1/2	0.81	0.54	200	1.96
5	3/16	5/8	1.26	0.85	280	2.72
6	1/4	3/4	1.82	1.22	400	3.92
7	9/32	7/8	2.50	1.68	540	5.25
8	5/16	1	3.27	2.20	700	6.86
9	3/8	1-1/8	3.97	2.67	900	8.83
10	13/32	1-1/4	4.90	3.29	1,100	10.7
11	7/16	1-3/8	6.10	4.10	1,300	12.7
12	15/32	1-1/2	7.20	4.84	1,500	15.1
13	1/2	1-5/8	8.20	5.51	1,800	17.7
14	9/16	1-3/4	9.50	6.38	2,100	20.5
16	5/8	2	12.8	8.60	2,800	27.5
18	23/32	2-1/4	16.1	10.82	3,500	34.0
19	3/4	2-3/8	18.1	12.16	3,880	37.8
20	13/16	2-1/2	20.0	13.44	4,300	41.9
22	7/8	2-3/4	24.3	16.33	5,100	49.8
24	15/16	3	29.5	19.82	6,100	59.8
25	1	3-1/8	30.3	20.36	6,400	62.8
26	1-1/32	3-1/4	32.8	22.04	6,900	68.0
28	1-1/8	3-1/2	39.3	26.41	8,200	80.5
30	1-3/16	3-3/4	46.0	30.91	9,500	93.0
32	1-1/4	4	52.5	35.28	10,700	105.0
34	1-11/32	4-1/4	58.9	39.58	12,000	118.0
36	1-7/16	4-1/2	66.0	44.35	13,500	132.0
38	1-1/2	4-3/4	70.8	47.58	14,700	144.4
40	1-19/32	5	78.5	52.75	16,300	160.0
42	1-21/32	5-1/4	86.6	58.19	17,900	175.4
44	1-3/4	5-1/2	95.0	63.84	19,600	192.5
45	1-13/16	5-5/8	101.1	67.94	20,000	196.9
48	1-7/8	6	115.0	77.28	22,800	224.0
50	2	6-1/4	125.0	84.00	24,400	239.5
52	2-1/16	6-1/2	135.0	90.72	26,400	259.0
55	2-5/32	6-7/8	151.4	101.74	29,300	287.4
56	2-1/4	7	157.0	105.50	30,400	298.0
60	2-3/8	7-1/2	180.0	120.96	34,500	338.0
64	2-1/2	8	205.0	137.75	39,000	383.0
65	2-9/16	8-1/16	211.0	142.12	40,200	392.0
70	2-3/4	8-11/16	244.8	164.50	46,300	454.6
72	2-7/8	9	259.0	174.04	49,000	481.0
75	3	9-1/4	282.0	189.50	53,000	520.0
80	3-5/32	10	321.0	215.70	60,300	592.0
85	3-3/8	10-1/2	362.0	243.25	67,600	663.2
88	3-7/16	11	388.0	260.73	72,500	711.0
90	3-9/16	11-1/8	405.8	272.69	75,800	736.0
95	3-3/4	11-3/4	451.4	303.33	83,600	820.0
96	3-13/16	12	461.0	309.78	85,400	838.0
100	3-15/16	12-3/8	500.2	336.12	92,700	909.4



DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
4	5/32	1/2	1.18	0.79	300	2.90
5	3/16	5/8	1.87	1.26	390	3.85
6	1/4	3/4	2.70	1.81	600	5.54
7	9/32	7/8	3.70	2.49	780	7.70
8	5/16	1	4.80	3.23	1,020	10.0
9	3/8	1-1/8	6.20	4.17	1,290	12.6
10	13/32	1-1/4	7.60	5.11	1,600	15.6
11	7/16	1-3/8	9.20	6.18	1,900	18.7
12	15/32	1-1/2	11.0	7.39	2,300	22.3
13	1/2	1-5/8	12.8	8.60	2,700	26.9
14	9/16	1-3/4	14.8	9.95	3,200	31.2
16	5/8	2	19.5	13.10	4,100	39.8
18	23/32	2-1/4	24.5	16.46	5,100	49.8
19	3/4	2-3/8	27.3	18.34	5,700	56.0
20	13/16	2-1/2	30.3	20.36	6,300	62.3
22	7/8	2-3/4	36.7	24.66	7,600	74.7
24	15/16	3	43.7	29.37	9,100	89.6
25	1	3-1/8	47.3	31.78	9,890	97.0
26	1-1/32	3-1/4	51.2	34.40	10,700	105.0
28	1-1/8	3-1/2	59.4	39.92	12,200	120.0
30	1-3/16	3-3/4	68.2	45.83	13,700	134.0
32	1-1/4	4	77.8	52.28	15,700	154.0
34	1-11/32	4-1/4	87.6	58.86	17,400	171.0
36	1-7/16	4-1/2	98.2	65.99	19,400	190.0
38	1-1/2	4-3/4	110.0	73.92	21,600	212.0
40	1-19/32	5	121.5	81.64	24,000	235.0
42	1-21/32	5-1/4	133.7	89.84	25,900	254.0
44	1-3/4	5-1/2	146.8	98.65	28,400	279.0
45	1-13/16	5-5/8	153.8	103.35	29,400	289.0
48	1-7/8	6	175.0	117.60	33,500	329.0
50	2	6-1/4	189.5	127.34	36,200	355.0
52	2-1/16	6-1/2	205.0	137.75	39,100	384.0
55	2-5/32	6-7/8	230.0	154.55	43,200	423.4
56	2-1/4	7	238.0	159.93	44,800	439.0
60	2-3/8	7-1/2	273.0	183.45	49,800	489.0
64	2-1/2	8	311.0	208.98	57,900	568.0
65	2-9/16	8-1/16	321.0	215.70	58,700	576.2
70	2-3/4	8-11/16	371.5	249.64	68,100	668.3
72	2-7/8	9	393.0	264.09	72,100	707.0
75	3	9-1/4	426.3	286.46	77,700	762.0
80	3-5/32	10	485.0	325.91	88,400	867.0
85	3-3/8	10-1/2	548.0	368.24	98,900	970.0
88	3-7/16	11	587.0	394.45	106,000	1,040.0
90	3-9/16	11-1/8	614.0	412.59	110,900	1,081.0
95	3-3/4	11-3/4	685.0	460.30	122,700	1,204.0
96	3-13/16	12	699.0	469.71	125,400	1,230.0
100	3-15/16	12-3/8	758.0	509.36	136,100	1,335.0



NY 3S/T



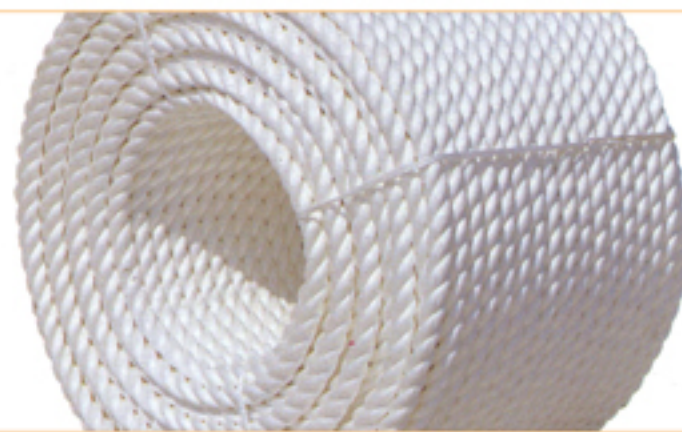
DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
4	5/32	1/2	1.05	0.71	360	3.53
5	3/16	5/8	1.56	1.05	570	5.60
6	1/4	3/4	2.25	1.51	760	7.46
7	9/32	7/8	3.1	2.08	1,050	10.30
8	5/16	1	4.0	2.69	1,390	13.65
9	3/8	1-1/8	5.0	3.36	1,750	17.20
10	13/32	1-1/4	6.2	4.17	2,130	20.90
11	7/16	1-3/8	7.5	5.04	2,600	25.50
12	15/32	1-1/2	8.9	5.98	3,040	29.80
13	1/2	1-5/8	10.5	7.06	3,570	35.00
14	9/16	1-3/4	12.2	8.20	4,180	41.00
16	5/8	2	15.8	10.62	5,380	52.80
18	23/32	2-1/4	20.0	13.44	6,880	67.50
19	3/4	2-3/8	22.1	14.85	7,650	75.10
20	13/16	2-1/2	24.5	16.46	8,450	82.90
22	7/8	2-3/4	30.0	20.16	10,400	102.00
24	15/16	3	35.5	23.86	12,300	120.70
25	1	3-1/8	38.8	26.07	13,400	131.50
26	1-1/32	3-1/4	42.0	28.22	14,500	142.20
28	1-1/8	3-1/2	48.5	32.59	16,200	159.00
30	1-3/16	3-3/4	55.5	37.29	18,300	179.50
32	1-1/4	4	63.0	42.33	20,600	202.00
34	1-11/32	4-1/4	71.4	47.98	23,200	227.50
36	1-7/16	4-1/2	80.0	53.76	25,700	252.10
38	1-1/2	4-3/4	89.3	60.01	28,200	276.60
40	1-19/32	5	99.0	66.53	31,000	304.10
42	1-21/32	5-1/4	109.0	73.25	33,800	331.60
44	1-3/4	5-1/2	120.0	80.64	37,000	363.00
45	1-13/16	5-5/8	124.8	83.86	37,800	370.80
48	1-7/8	6	142.0	95.42	43,000	421.80
50	2	6-1/4	153.5	103.15	46,300	454.20
52	2-1/16	6-1/2	166.0	111.55	50,000	490.50
55	2-5/32	6-7/8	186.2	125.12	55,000	539.50
56	2-1/4	7	193.0	129.69	57,000	559.20
60	2-3/8	7-1/2	221.0	148.51	64,500	632.70
64	2-1/2	8	252.0	169.34	73,000	716.10
65	2-9/16	8-1/16	260.0	174.71	75,000	735.70
70	2-3/4	8-11/16	302.0	202.94	86,000	843.60
72	2-7/8	9	319.0	214.36	91,000	892.70
75	3	9-1/4	346.0	232.50	98,700	968.20
80	3-5/32	10	394.0	264.76	111,500	1,093.80
85	3-3/8	10-1/2	445.0	299.03	126,000	1,236.00
88	3-7/16	11	477.0	320.53	135,000	1,324.30
90	3-9/16	11-1/8	499.0	335.31	139,000	1,363.60
95	3-3/4	11-3/4	556.0	373.62	154,000	1,510.70
96	3-13/16	12	568.0	381.68	158,000	1,550.00
100	3-15/16	12-3/8	616.0	413.94	170,000	1,667.70

NY 8S/T

DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
40	1-9/16	5	99.0	66.53	34,000	333.50
44	1-3/4	5-1/2	120.0	80.64	40,500	397.30
48	1-7/8	6	142.0	95.42	47,500	466.00
52	2-1/16	6-1/2	166.0	111.55	55,000	539.50
56	2-1/4	7	193.0	129.69	62,500	613.10
60	2-3/8	7-1/2	221.0	148.51	70,500	691.60
64	2-1/2	8	252.0	169.34	80,000	794.80
68	2-11/16	8-1/2	285.0	191.51	90,000	883.00
72	2-7/8	9	319.0	214.36	100,000	981.00
80	3-5/32	10	394.0	264.76	123,000	1,206.60
88	3-7/16	11	477.0	320.53	145,000	1,422.40
96	3-13/16	12	568.0	381.68	170,000	1,667.70
104	4-1/8	13	666.0	447.53	200,000	1,962.00
112	4-7/16	14	772.0	518.76	210,000	2,060.00
120	4-3/4	15	887.0	596.04	255,000	2,051.50

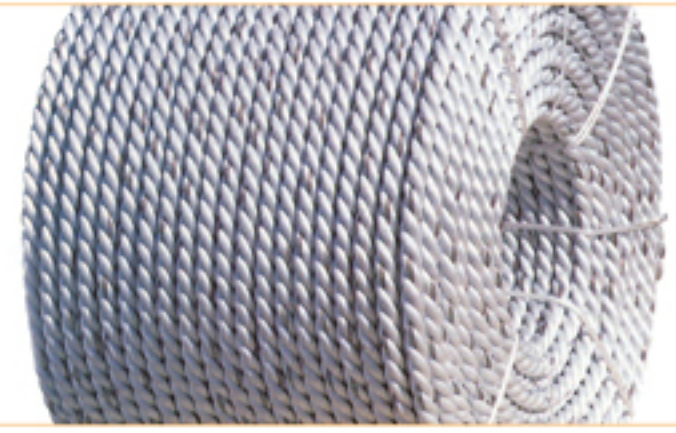
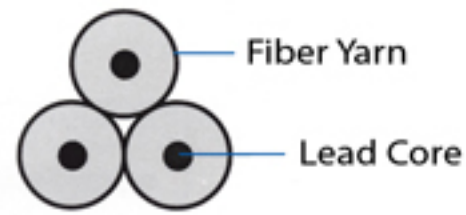
VINYLON **(KURALON)** **ROPE**

KU 3S/T



DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
4	5/32	1/2	1.01	0.68	150	1.47
5	3/16	5/8	1.57	1.05	230	2.26
6	1/4	3/4	2.25	1.51	330	3.24
7	9/32	7/8	3.09	2.08	430	4.22
8	5/16	1	3.98	2.67	560	5.49
9	3/8	1-1/8	5.00	3.36	700	6.86
10	13/32	1-1/4	6.20	4.17	950	9.32
11	7/16	1-3/8	7.45	5.01	1,100	11.1
12	15/32	1-1/2	8.90	5.98	1,400	13.4
13	1/2	1-5/8	10.40	6.99	1,600	15.4
14	9/16	1-3/4	12.10	8.13	1,800	17.9
16	5/8	2	15.75	10.58	2,300	22.9
18	23/32	2-1/4	19.90	13.37	2,900	28.6
19	3/4	2-3/8	22.10	14.85	3,200	31.4
20	13/16	2-1/2	24.50	16.46	3,500	34.8
22	7/8	2-3/4	29.60	19.89	4,200	41.6
24	15/16	3	35.20	23.65	5,000	48.8
25	1	3-1/8	38.00	25.53	5,300	52.4
26	1-1/32	3-1/4	41.25	27.72	5,800	56.7
28	1-1/8	3-1/2	47.80	32.12	6,600	65.1
30	1-3/16	3-3/4	54.50	36.62	7,500	74.0
32	1-1/4	4	62.00	41.66	8,500	83.5
34	1-11/32	4-1/4	70.00	47.04	9,500	93.5
36	1-7/16	4-1/2	78.50	52.75	10,600	104.0
38	1-1/2	4-3/4	87.50	58.80	11,700	115.0
40	1-19/32	5	97.00	65.18	12,900	127.0
42	1-21/32	5-1/4	106.50	71.57	14,000	138.0
44	1-3/4	5-1/2	117.00	78.62	15,300	150.0
45	1-13/16	5-5/8	122.50	82.32	16,000	157.0
48	1-7/8	6	139.00	93.40	18,000	176.0
50	2	6-1/4	151.00	101.47	19,500	191.0
52	2-1/16	6-1/2	159.00	106.84	20,700	203.0
55	2-5/32	6-7/8	177.50	119.28	23,200	228.0
56	2-1/4	7	188.60	126.73	23,900	234.0
60	2-3/8	7-1/2	216.50	145.48	27,400	269.0
64	2-1/2	8	246.00	165.31	30,800	302.0
65	2-9/16	8-1/16	254.00	170.68	31,800	312.0
70	2-3/4	8-11/16	294.50	197.90	36,500	358.0
72	2-7/8	9	311.00	208.98	38,200	375.0
75	3	9-1/4	337.50	226.79	41,500	407.0
80	3-5/32	10	383.50	257.70	46,800	459.0
85	3-3/8	10-1/2	433.00	290.96	52,400	514.0
88	3-7/16	11	465.00	312.47	55,600	546.0
90	3-9/16	11-1/8	486.50	326.91	58,200	571.0
95	3-3/4	11-3/4	540.00	362.87	64,400	632.0
96	3-13/16	12	553.00	371.60	65,200	640.0
100	3-15/16	12-3/8	600.00	403.18	70,700	694.0

LEAD CORE ROPE



DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
6	1/4	3/4	2.64	1.77	500	4.90
8	5/16	1	4.75	3.19	850	8.30
9	3/8	1-1/8	6.00	4.03	1,060	10.4
10	13/32	1-1/4	7.50	5.04	1,290	12.7
12	15/32	1-1/2	10.50	7.06	1,800	17.7
14	9/16	1-3/4	14.25	9.58	2,400	23.5
16	5/8	2	18.75	12.60	3,000	29.4
18	23/32	2-1/4	22.50	15.12	3,800	37.3
20	13/16	2-1/2	29.50	19.82	4,500	44.0
22	7/8	2-3/4	35.00	23.52	5,600	55.0
24	15/16	3	41.25	27.72	6,500	64.0
26	1-1/32	3-1/4	49.50	33.26	7,500	74.0
28	1-1/8	3-1/2	57.50	38.64	8,500	83.4
30	1-3/16	3-3/4	63.75	42.84	9,900	97.0
32	1-1/4	4	71.25	47.88	11,000	108.0
34	1-11/32	4-1/4	81.50	54.77	12,400	122.0
36	1-7/16	4-1/2	91.00	61.15	12,700	125.0
38	1-1/2	4-3/4	101.50	68.21	15,100	148.0
40	1-19/32	5	112.50	75.60	16,700	164.0
45	1-13/16	5-5/8	142.50	95.76	20,700	203.0

POLYTEX ROPE



DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
6	1/4	3/4	1.93	1.30	400	3.92
8	5/16	1	3.50	2.35	700	6.86
9	3/8	1-1/8	4.25	2.86	900	8.83
10	13/32	1-1/4	5.50	3.70	1,100	10.7
12	15/32	1-1/2	8.00	5.38	1,500	15.1
14	9/16	1-3/4	10.50	7.06	2,100	20.5
16	5/8	2	13.50	9.07	2,800	27.5
18	23/32	2-1/4	17.25	11.59	3,500	34.0
20	13/16	2-1/2	21.50	14.45	4,300	41.9
22	7/8	2-3/4	26.00	17.47	5,100	49.8
24	15/16	3	30.75	20.66	6,100	59.8
26	1-1/32	3-1/4	36.25	24.36	6,900	68.0
28	1-1/8	3-1/2	42.00	28.22	8,200	80.5
30	1-3/16	3-3/4	48.25	32.42	9,500	93.0
32	1-1/4	4	55.00	36.96	10,700	105.0
34	1-11/32	4-1/4	62.00	41.66	12,000	118.0
36	1-7/16	4-1/2	69.50	46.70	13,500	132.0
38	1-1/2	4-3/4	77.50	52.08	14,700	144.4
40	1-19/32	5	85.50	57.45	16,300	160.0
45	1-13/16	5-5/8	108.00	72.57	20,000	196.9

12 STRAND BRAIDED ROPE

DANLINE 12 S/T (One Type)

DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
16	5/8	2	11.59	7.79	4,500	44.14
18	23/32	2-1/4	14.91	10.02	5,800	56.90
20	13/16	2-1/2	17.91	12.04	6,900	67.69
22	7/8	2-3/4	22.00	14.78	8,400	82.40
24	15/16	3	26.00	17.47	9,900	97.12
26	1-1/32	3-1/4	30.59	20.56	11,500	112.81
28	1-1/8	3-1/2	35.50	23.86	13,200	129.49
30	1-3/16	3-3/4	41.09	27.61	15,000	147.15
32	1-1/4	4	46.00	30.91	16,800	164.80
34	1-11/32	4-1/4	51.91	34.88	18,400	180.50

ONE TYPE



ONE PLY
STRAND

POLYESTER 12 S/T (One Type)

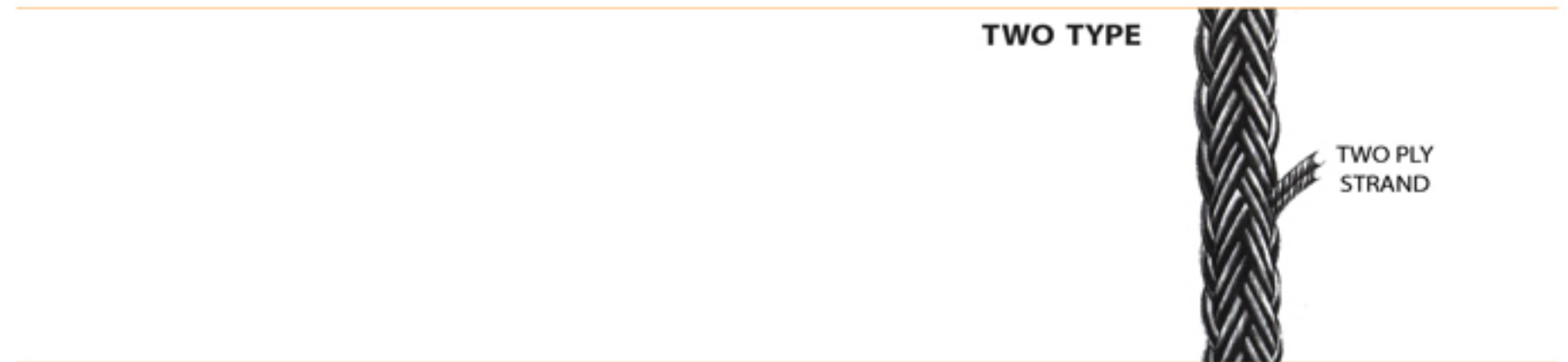
DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
16	5/8	2	20.50	13.78	5,900	57.88
18	23/32	2-1/4	24.60	16.53	7,000	68.67
20	13/16	2-1/2	33.95	22.81	9,800	96.14
22	7/8	2-3/4	41.10	27.62	11,800	115.76
24	15/16	3	44.15	29.67	12,700	124.59
26	1-1/32	3-1/4	53.15	35.72	15,300	150.09
28	1-1/8	3-1/2	61.60	41.39	17,700	173.64
30	1-3/16	3-3/4	63.20	42.47	18,200	178.54
32	1-1/4	4	74.15	49.83	20,700	203.07
34	1-11/32	4-1/4	81.15	54.53	23,400	229.55

NYLON 12 S/T (One Type)

DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
16	5/8	2	16.80	11.29	6,100	59.84
18	23/32	2-1/4	20.05	13.47	7,400	72.59
20	13/16	2-1/2	27.80	18.68	10,300	101.04
22	7/8	2-3/4	33.65	22.61	12,500	122.63
24	15/16	3	36.05	24.22	13,400	131.45
26	1-1/32	3-1/4	43.35	29.13	16,100	157.94
28	1-1/8	3-1/2	50.30	33.80	18,700	183.45
30	1-3/16	3-3/4	51.65	34.71	19,200	188.35
32	1-1/4	4	58.80	39.51	21,900	214.84
34	1-11/32	4-1/4	66.35	44.59	24,700	242.31

12 STRAND BRAIDED ROPE

DANLINE 12 S/T (Two Type)



DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
16	5/8	2	11.59	7.79	4,700	46.11
18	23/32	2-1/4	14.91	10.02	5,900	57.88
20	13/16	2-1/2	17.91	12.04	7,050	69.16
22	7/8	2-3/4	22.00	14.78	8,600	84.36
24	15/16	3	26.00	17.47	10,100	99.08
26	1-1/32	3-1/4	30.59	20.56	11,800	115.75
28	1-1/8	3-1/2	35.50	23.86	13,500	132.43
30	1-3/16	3-3/4	41.09	27.61	15,300	150.09
32	1-1/4	4	46.00	30.91	17,200	168.73
34	1-11/32	4-1/4	51.91	34.88	18,800	184.42

POLYESTER 12 S/T (Two Type)

DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
16	5/8	2	19.50	13.10	6,200	60.82
18	23/32	2-1/4	23.35	15.69	7,400	72.59
20	13/16	2-1/2	32.25	21.67	10,300	101.04
22	7/8	2-3/4	39.00	26.21	12,400	121.64
24	15/16	3	41.95	28.19	13,300	130.47
26	1-1/32	3-1/4	50.45	33.90	16,000	156.96
28	1-1/8	3-1/2	58.55	39.34	18,600	182.47
30	1-3/16	3-3/4	60.00	40.32	19,100	187.37
32	1-1/4	4	68.15	45.79	21,800	213.86
34	1-11/32	4-1/4	77.10	51.81	24,600	241.33

NYLON 12 S/T (Two Type)

DIA		CIR	WT		B/S	
MM	INCH	INCH	KGS/100M	LBS/100FT	Kg	kN
16	5/8	2	15.95	10.72	6,400	62.78
18	23/32	2-1/4	19.05	12.80	7,800	76.52
20	13/16	2-1/2	26.40	17.74	10,800	105.95
22	7/8	2-3/4	31.95	21.47	13,100	128.51
24	15/16	3	34.25	23.02	14,100	138.32
26	1-1/32	3-1/4	41.20	27.69	17,000	166.77
28	1-1/8	3-1/2	47.80	32.12	19,700	193.26
30	1-3/16	3-3/4	49.10	32.99	20,200	198.16
32	1-1/4	4	55.85	37.53	23,000	225.63
34	1-11/32	4-1/4	63.05	42.37	25,900	254.08

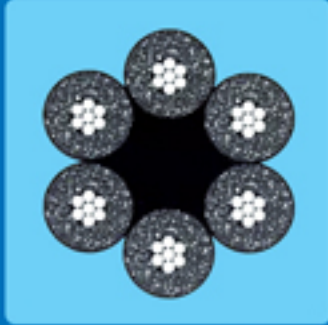
PP 6 S/T C.P.R



KU 6 S/T C.P.R



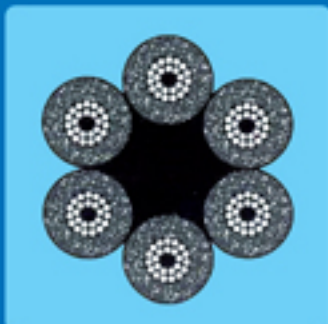
COMPOUND ROPE



6 x 7 + FC



6 x 7 + IWRC



6 x 24 + FC

COMBINATION ROPE



DIA	WT		B/S	
MM	KGS/100M	LBS/100FT	Kg	kN
16	29.0	19.49	4,400	43
18	38.0	25.53	5,400	53
20	48.5	32.59	7,000	69
22	69.0	46.37	9,700	95
24	81.5	54.77	11,200	110
26	94.5	63.50	12,900	127
28	103.0	69.21	14,000	137
30	117.5	78.96	15,400	151
32	133.0	89.37	17,400	171
34	150.0	100.80	19,500	191
36	167.0	112.22	21,800	214

DIA	WT		B/S	
MM	KGS/100M	LBS/100FT	Kg	kN
16	39.0	26.21	6,200	61
18	21.0	34.27	7,600	75
20	64.0	43.01	9,600	94
22	88.0	59.13	14,300	140
24	104.5	70.22	16,900	166
26	121.0	81.31	19,100	187
28	142.0	95.42	21,800	214
30	163.0	109.53	24,900	244
32	189.0	127.00	29,200	286
34	218.0	146.49	33,700	331
36	241.5	162.28	37,400	367

DIA	W.S/T (DIA)	DAN C.P.R (WT)		KU C.P.R (WT)	
MM	MM	KGS/100M	LBS/100FT	KGS/100M	LBS/100FT
16	2.00	23.5	15.79	26.0	17.47
18	2.67	34.0	22.85	36.5	24.53
20	3.33	46.0	30.91	51.5	34.61
22	4.00	62.0	41.66	69.0	46.37
24	4.67	82.0	55.10	89.5	60.14
26	5.33	105.0	70.56	112.5	75.60
28	6.00	130.5	87.69	137.5	92.40
30	6.67	158.5	106.51	166.5	111.88
32	7.33	188.0	126.33	196.5	132.04
34	8.00	219.5	147.50	228.5	153.55
36	8.67	255.5	171.69	265.0	178.07

DIA	W.S/T (DIA)	PP 3S/T C.B.R (WT)		KU 3S/T C.B.R (WT)	
MM	MM	KGS/100M	LBS/100FT	KGS/100M	LBS/100FT
48	18	203.0	136.41	232.0	155.89
48	20	228.0	153.21	253.0	170.01
50	18	217.0	145.82	245.0	164.63
50	20	238.0	159.93	265.0	178.07
52	20	248.0	166.64	278.0	186.80
52	22	283.0	190.16	316.0	212.34
54	20	259.0	174.04	291.0	195.54
54	22	285.0	191.51	318.0	213.68
56	22	293.0	196.88	328.0	220.40
56	24	327.0	219.73	363.0	243.92

WIRE ROPE



6 x 24 + FC



6 x 37 + FC



6 x S(19) + FC



6 x Fi(21) + FC



6 x Fi(25) + FC



6 x Fi(25) + FC



6 x S(19) + IWRC



6 x W(19) + IWRC



6 x Fi(25) + IWRC



6 x WS(26) + IWRC



6 x Fi(29) + FC



6 x WS(31) + FC



6 x WS(36) + FC



6 x WS(41) + FC



6 x Fi(29) + IWRC



6 x WS(31) + IWRC



6 x WS(36) + IWRC



6 x WS(41) + IWRC



6 x SeS(37) + FC



6 x SeS(37) + IWRC

6 x 24 + FC					6 x 37 + FC			
DIA (mm)	B/S (ton)			WT (kg/m)	B/S (ton)			WT (kg/m)
	G class	A class	B class		A class	B class	C class	
8	2.98	3.21	3.50	0.212	3.47	3.70	4.01	0.231
10	4.65	5.02	5.47	0.332	5.42	5.78	6.26	0.360
12	6.70	7.23	7.88	0.478	7.81	8.33	9.02	0.519
14	9.12	9.84	10.7	0.651	10.6	11.1	12.3	0.706
16	11.9	12.8	14.0	0.850	13.9	14.8	16.0	0.922
18	15.1	16.3	17.7	1.076	17.6	18.7	20.3	1.167
20	18.6	20.1	21.9	1.328	21.7	23.1	25.1	1.441
22	23.3	25.2	27.5	1.666	27.2	29.0	31.4	1.808
24	26.8	28.9	31.5	1.912	31.2	33.3	36.1	2.075
26	31.4	33.9	37.0	2.244	36.7	39.1	42.3	2.436
28	36.5	39.3	42.9	2.603	42.5	45.3	49.1	2.825
30	41.9	45.2	49.3	2.988	48.8	52.0	56.4	3.243
32	47.6	51.4	56.1	3.400	55.5	59.2	64.1	3.689
34	53.8	58.0	63.3	3.838	62.7	66.8	72.4	4.165
36	60.3	65.0	71.0	4.303	70.3	74.9	81.2	4.669
38	67.2	72.5	79.1	4.794	78.3	83.5	90.5	5.203
40	74.4	80.3	87.6	5.312	86.3	92.5	100.0	5.765
42	82.0	88.5	96.6	5.856	95.7	102.0	111.0	6.356

6 x S(19) + FC / 6 x Fi(21) + FC 6 x Fi(25) + FC / 6 x WS(26) + FC					6 x S(19) + IWRC / 6 x W(19) + IWRC 6 x Fi(25) + IWRC / 6 x WS(26) + IWRC			
DIA (mm)	B/S (ton)			WT (kg/m)	B/S (ton)			WT (kg/m)
	A class	B class	C class		A class	B class	C class	
8	3.55	3.79	4.11	0.247	4.05	4.31	4.67	0.275
10	5.55	5.92	6.41	0.386	6.33	6.74	7.30	0.430
12	7.99	8.53	9.24	0.556	9.11	9.7	10.5	0.619
14	10.9	11.6	12.6	0.757	12.4	13.2	14.3	0.843
16	14.2	15.2	16.4	0.988	16.2	17.2	18.7	1.101
18	18.0	19.2	20.8	1.251	20.5	21.8	23.6	1.393
20	22.2	23.7	25.7	1.544	25.3	26.9	29.2	1.720
22	27.9	29.7	32.2	1.937	31.8	33.8	36.6	2.157
24	32.0	34.1	36.9	2.223	36.5	38.8	42.0	2.476
26	37.5	40.0	43.4	2.607	42.8	45.5	49.3	2.906
28	43.5	46.4	50.3	3.026	49.6	52.8	57.2	3.371
30	50.0	53.3	57.7	3.474	57.0	60.6	65.7	3.869
32	56.8	60.6	65.7	3.953	64.8	69.0	74.7	4.402
34	64.2	68.4	74.2	4.462	73.2	77.9	84.4	4.970
36	71.9	76.7	83.1	5.002	82.0	87.3	94.6	5.572
38	80.2	85.5	92.6	5.574	91.4	97.3	105.0	6.208
40	88.8	94.7	103.0	6.176	101.0	108.0	117.0	6.879
42	97.9	104.0	113.0	6.809	112.0	119.0	129.0	7.584

6 x Fi(29) + FC / 6 x WS(31) + FC 6 x WS(36) + FC / 6 x WS(41) + FC / 6 x SeS(37) + FC					6 x Fi(29) + IWRC / 6 x WS(31) + IWRC / 6 x WS(36) + IWRC 6 x WS(41) + IWRC / 6 x SeS(37) + IWRC			
DIA (mm)	B/S (ton)			WT (kg/m)	B/S (ton)			WT (kg/m)
	A class	B class	C class		A class	B class	C class	
10	5.67	6.04	6.54	0.394	6.49	6.91	7.49	0.439
12	8.16	8.69	9.41	0.568	9.34	10.0	10.8	0.632
14	11.1	11.8	12.8	0.773	12.7	13.6	14.7	0.860
16	14.5	15.4	16.7	1.010	16.6	17.7	19.2	1.124
18	18.4	19.6	21.2	1.278	21.0	22.4	24.3	1.422
20	22.7	24.1	26.2	1.578	26.0	27.7	30.0	1.756
22	28.4	30.3	32.8	1.979	32.6	34.7	37.6	2.202
24	32.6	34.8	37.7	2.272	37.4	39.8	43.1	2.528
26	38.3	40.8	44.2	2.666	43.9	46.7	50.6	2.967
28	44.4	47.3	51.3	3.092	50.9	54.2	58.7	3.441
30	51.0	54.3	58.8	3.550	58.4	62.2	67.4	3.950
32	58.0	61.8	66.9	4.039	66.4	70.8	76.7	4.494
34	65.5	69.8	75.6	4.560	75.0	79.9	86.6	5.074
36	73.4	78.2	84.7	5.112	84.1	89.6	97.1	5.688
38	81.8	87.1	94.4	5.696	93.7	99.8	108.0	6.338
40	90.7	96.6	105.0	6.311	104.0	111.0	120.0	7.022
42	100.0	106.0	115.0	6.958	114.0	122.0	132.0	7.742
44	110.0	117.0	127.0	7.636	126.0	134.0	145.0	8.497

Breaking Strength (B/S) : G class (150kg/mm²), A class (165kg/mm²), B class (180kg/mm²), C class (195kg/mm²)

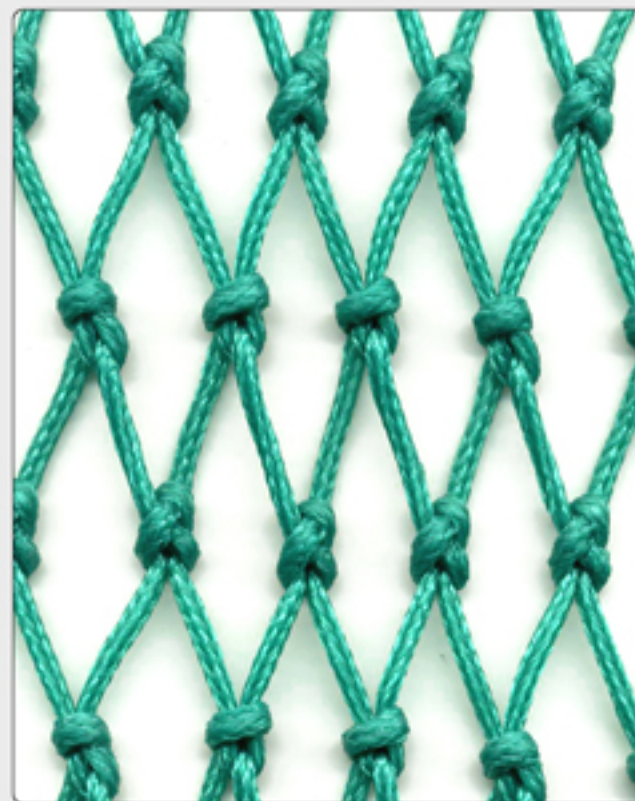
Netting



SUPER PE BRAIDED (DOUBLE) NET



PE TWISTED NET



PE BRAIDED NET



PE BRAIDED (DOUBLE) NET



PE KNOTLESS NET



NYLON BRAIDED NET



NYLON RASCHEL NET

Fishing Hardware

Blocks

Hooks

Shackles

Rings

Links

Courses (Thimbles)

Swivels

Ground Gears

Chains

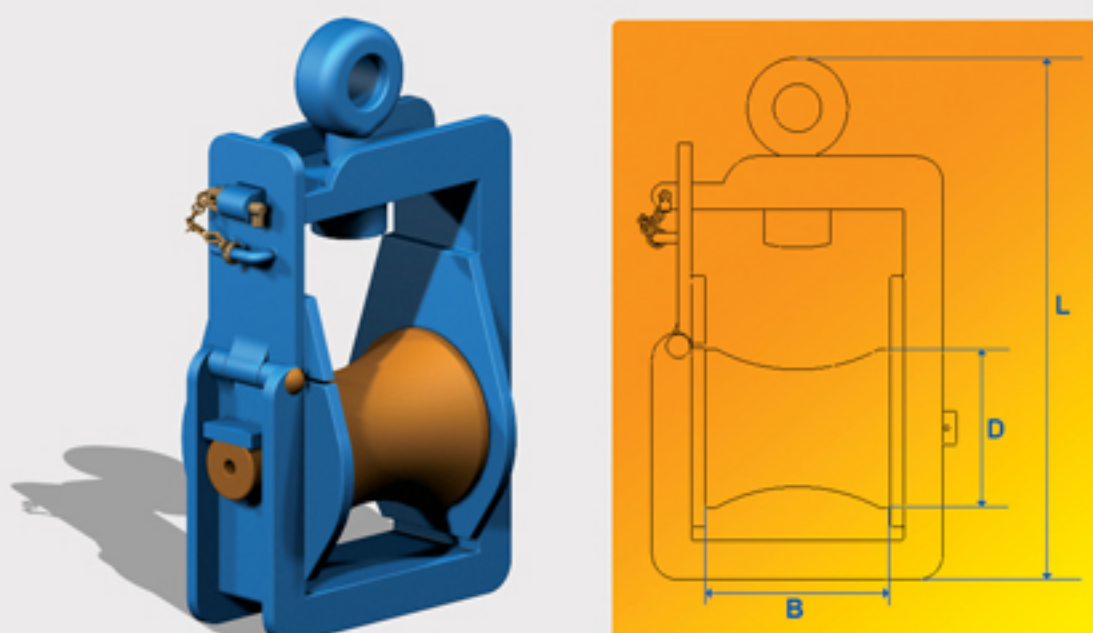
Turnbuckles

Floats

Sockets

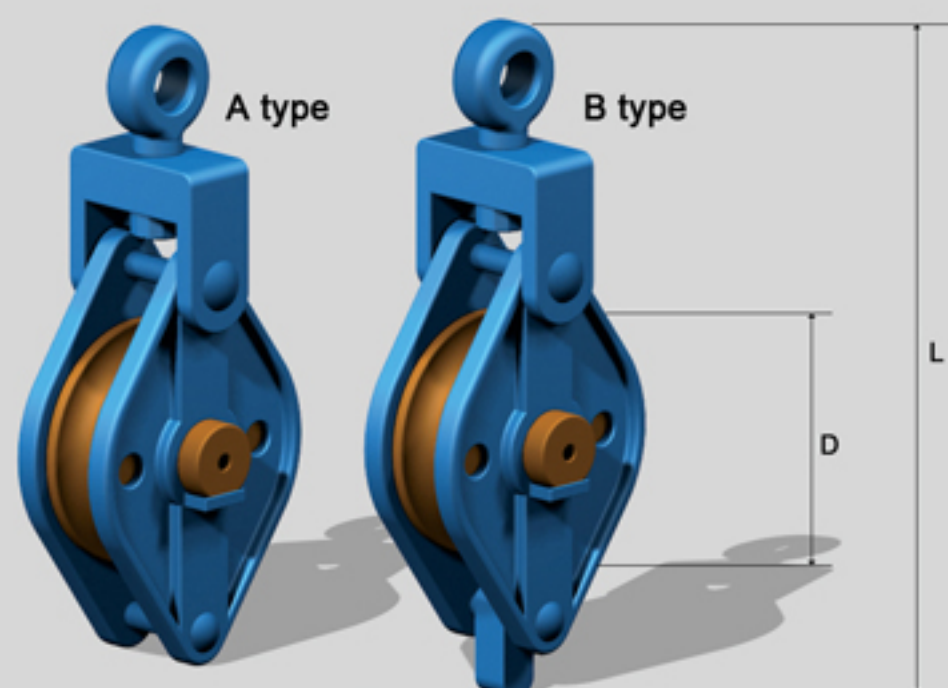
Tools

TOP ROLLER BLOCK



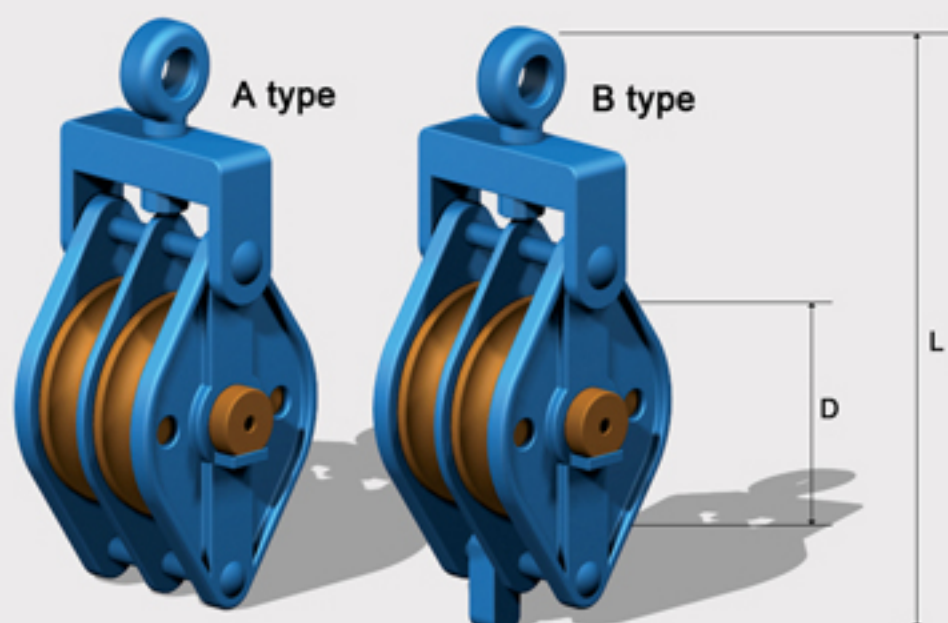
Size (ton)	D (m/m)	B (m/m)	L (m/m)	S.W.L (ton)	Weight (kg)
3.0	220	156	420	3.0	100.0
5.0	280	165	480	5.0	160.0
7.0	300	190	845	7.0	240.0
10.0	380	195	960	10.0	380.0
12.0	380	230	1040	12.0	420.0
15.0	500	260	1165	15.0	550.0

FISH TACKLE BLOCK - OFF TYPE (Single)

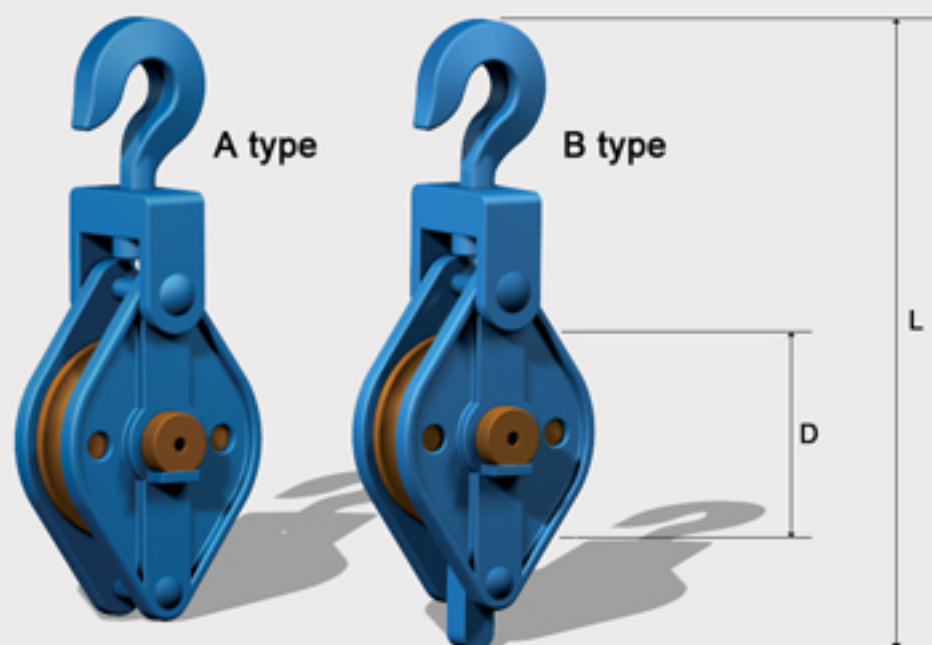


Type	S.W.L (ton)	D (m/m)	B (m/m)	L (m/m)	Weight (kg)
A type	3.0	235	37	490	24
	5.0	235	37	515	28
	10.0	235	37	540	36
	15.0	235	37	580	44
	20.0	235	37	610	51
	40.0	240	37	1100	120
B type	3.0	235	37	558	25
	5.0	235	37	590	29
	10.0	235	37	630	38
	15.0	235	37	680	46
	20.0	235	37	720	54
	40.0	240	37	1150	125

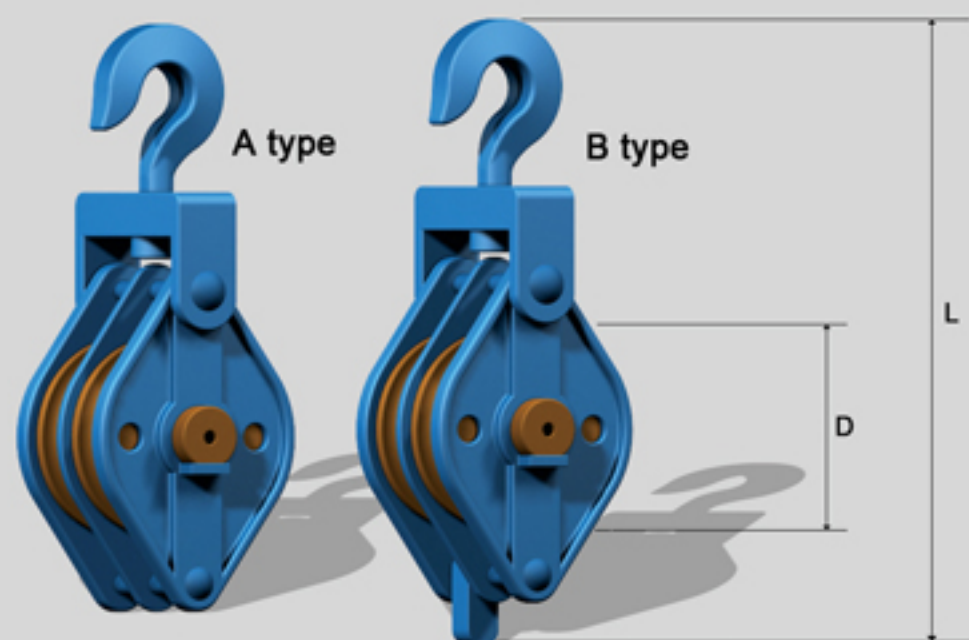
FISH TACKLE BLOCK - OFF TYPE (Double)



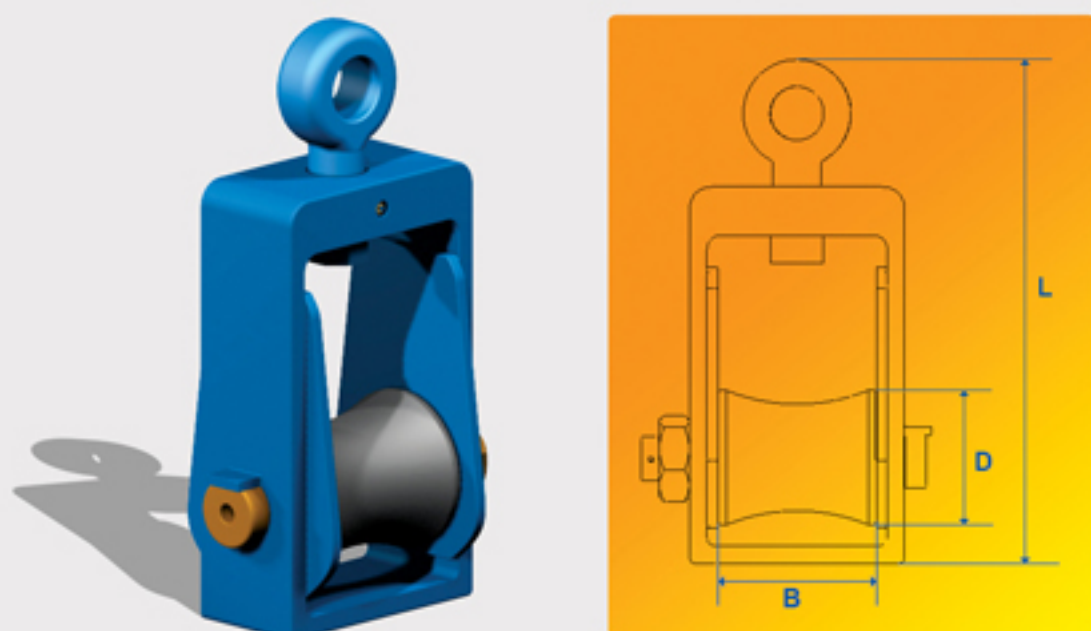
Type	S.W.L (ton)	D (m/m)	B (m/m)	L (m/m)	Weight (kg)
A type	3.0	235	37	490	34
	5.0	235	37	515	39
	10.0	235	37	540	48
	15.0	235	37	580	58
	20.0	235	37	610	67
	40.0	240	37	1100	195
B type	3.0	235	37	558	35
	5.0	235	37	590	40
	10.0	235	37	630	50
	15.0	235	37	680	60
	20.0	235	37	720	70
	40.0	240	37	1150	200

FISH TACKLE BLOCK - HOOK TYPE (Single)

Type	S.W.L (ton)	D (m/m)	B (m/m)	L (m/m)	Weight (kg)
A type	3.0	235	37	615	29
	5.0	235	37	650	39
	10.0	235	37	705	50
	15.0	235	37	750	60
	20.0	235	37	790	74
	40.0	240	37	1300	130
B type	3.0	235	37	680	30
	5.0	235	37	725	39
	10.0	235	37	795	52
	15.0	235	37	850	63
	20.0	235	37	900	77
	40.0	240	37	1450	135

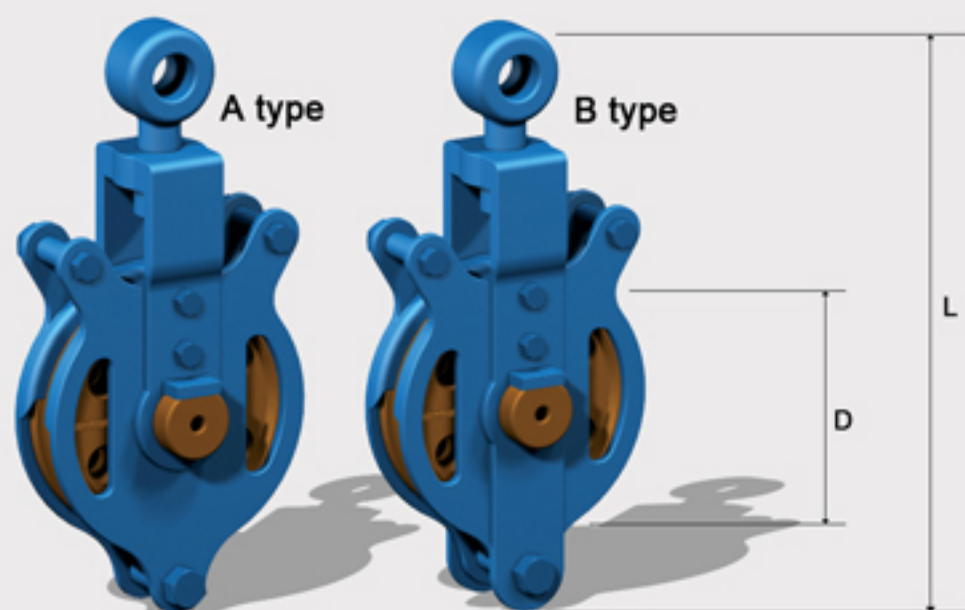
FISH TACKLE BLOCK - HOOK TYPE (Double)

Type	S.W.L (ton)	D (m/m)	B (m/m)	L (m/m)	Weight (kg)
A type	3.0	235	37	615	39
	5.0	235	37	650	49
	10.0	235	37	705	62
	15.0	235	37	750	75
	20.0	235	37	790	90
	40.0	240	37	1300	185
B type	3.0	235	37	680	40
	5.0	235	37	725	50
	10.0	235	37	795	64
	15.0	235	37	850	77
	20.0	235	37	900	93
	40.0	240	37	1450	190

WIDE ROLLER BLOCK

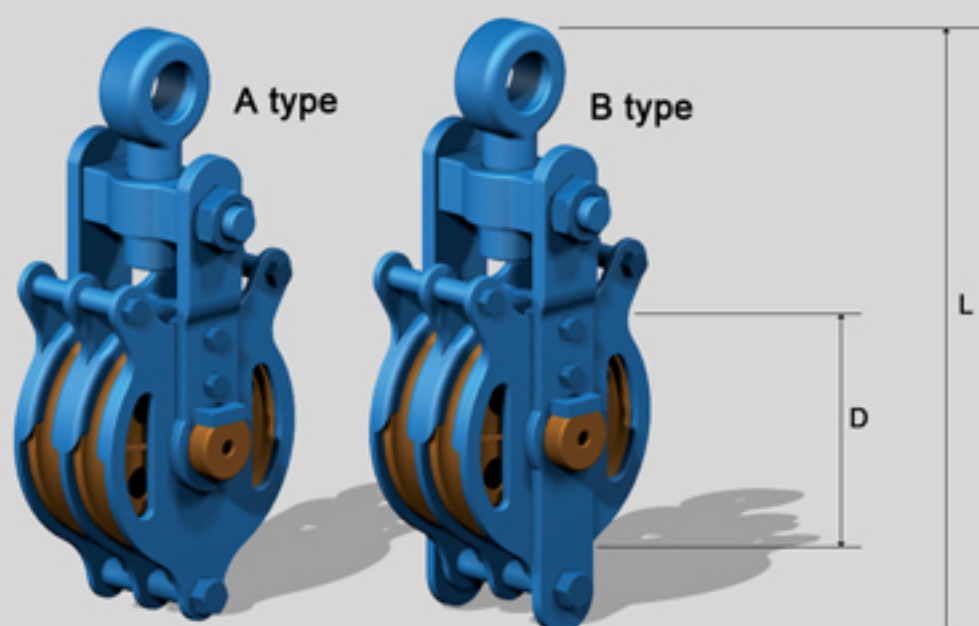
Size (ton)	D (m/m)	B (m/m)	L (m/m)	S.W.L (ton)	Weight (kg)
3.0	140	70	390	3.0	18
5.0	150	140	485	5.0	30
7.0	170	140	525	7.0	38
10.0	240	170	575	10.0	92
15.0	300	180		15.0	130
20.0	350	200		20.0	185
25.0	350	200		25.0	195

CARGO BLOCK - Single Sheave



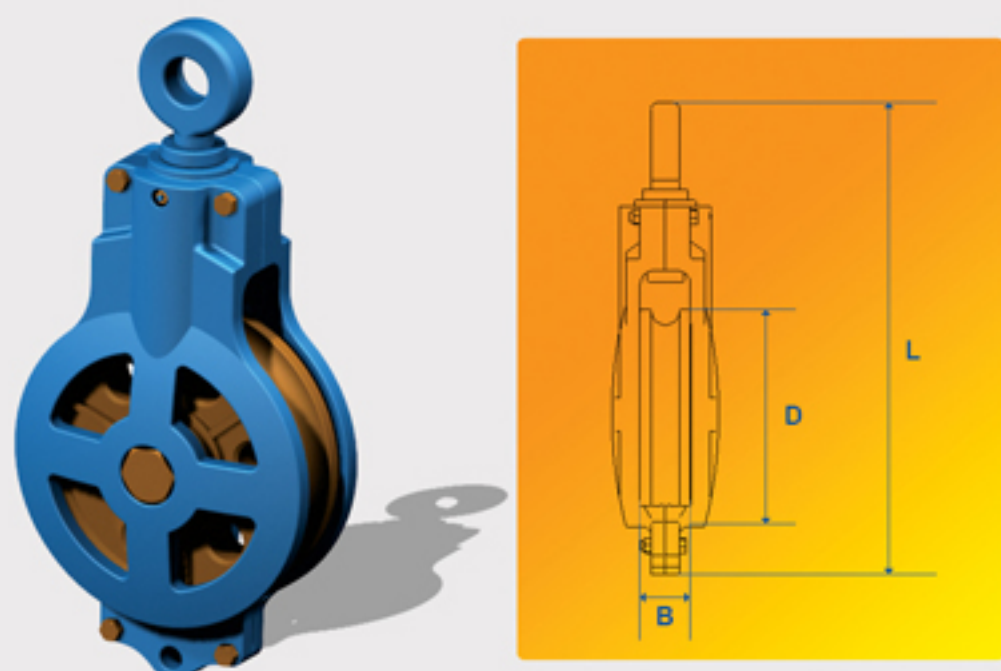
Type	D (m/m)	B (m/m)	L (m/m)	S.W.L (ton)	B.T.L (ton)	Weight (kg)
Single A type	210	34	460	1.25	5.0	15.0
	240	34	530	1.75	7.0	22.0
	280	46	605	2.25	9.0	32.0
	340	46	675	3.50	14.0	48.0
	410	64	880			
Single B type	210	34	460	1.25	5.0	20.0
	240	34	530	1.75	7.0	28.0
	280	46	605	2.25	9.0	45.0
	340	46	675	3.50	14.0	71.0
	410	64	880			

CARGO BLOCK - Double Sheave

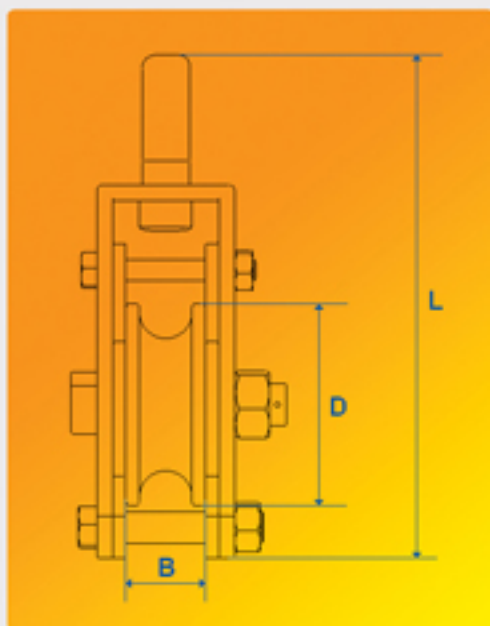
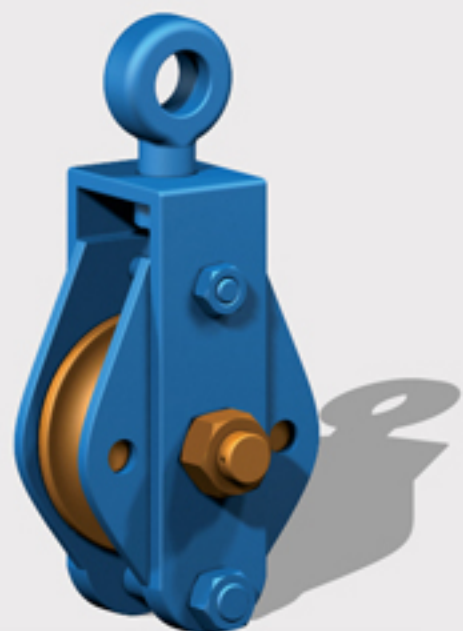


Type	D (m/m)	B (m/m)	L (m/m)	S.W.L (ton)	B.T.L (ton)	Weight (kg)
Double A type	210	34	460	4.0	8.0	30.0
	240	34	530	6.5	13.0	50.0
	280	46	605	8.5	17.0	60.0
	340	46	675	13.0	26.0	82.5
	410	64	880			
Double B type	210	34	460	6.0	12.0	32.5
	240	34	530	8.0	16.0	54.5
	280	46	605	10.0	20.0	70.0
	340	46	675	16.0	32.0	100.0
	410	64	880			

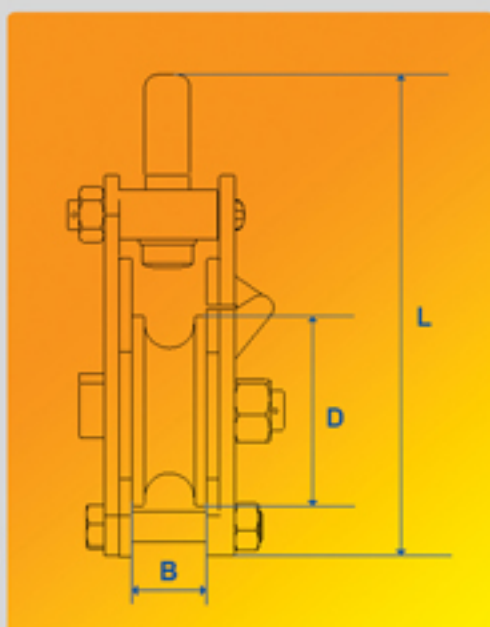
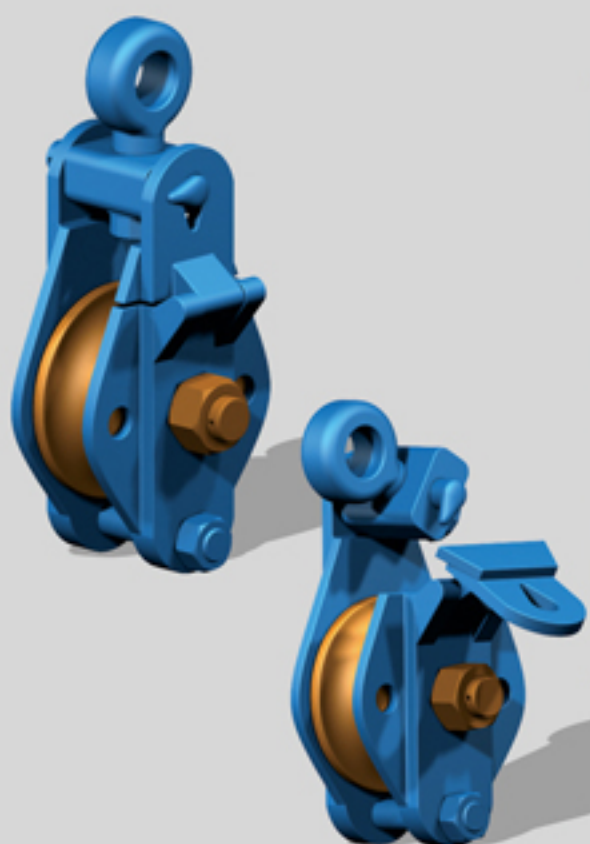
CAST STEEL CARGO BLOCK



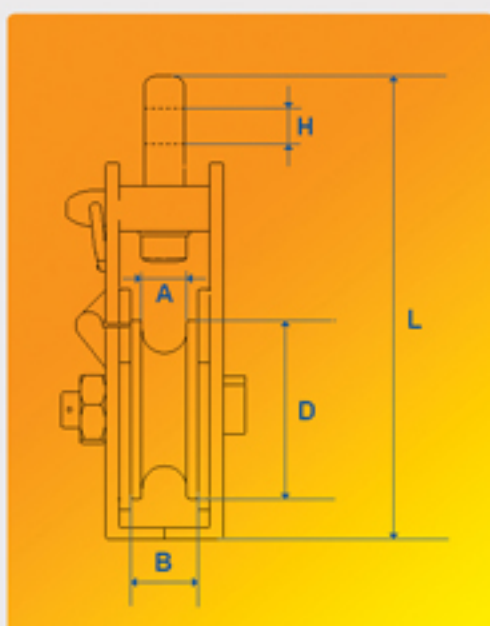
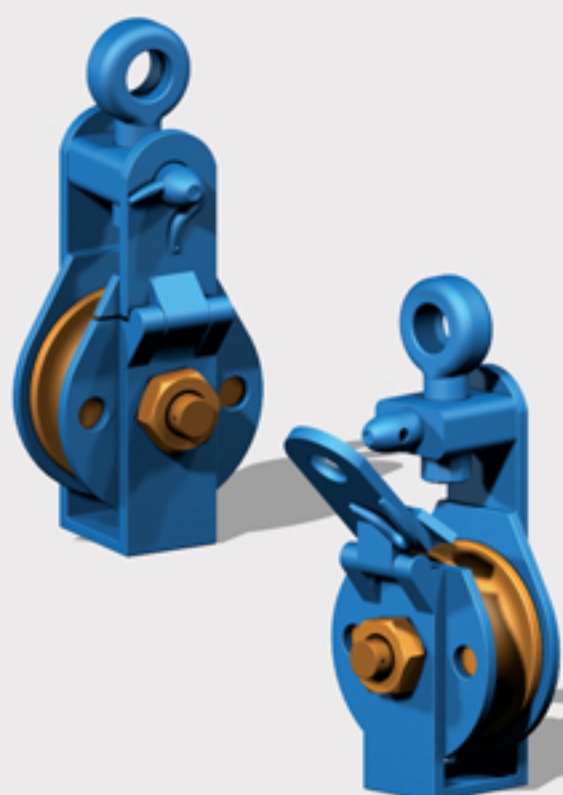
Type	S.W.L (ton)	D (m/m)	B (m/m)	L (m/m)	B.T.L (ton)	Weight (kg)
Single Sheave		310				
	3.5	340			21.0	65.0
	5.0	410			30.0	93.0
		430				
Double Sheave		310				
	16.0	340			32.0	115.0
	23.0	410			46.0	215.0
		430				

JIN BLOCK - STANDARD TYPE

Size (m/m)	D (m/m)	B (m/m)	L (m/m)	S.W.L (ton)	Weight (kg)
100	100	32	210	1.0	3.7
125	125	38	240	1.4	5.0
140	140	44	275	2.0	7.0
150	150	44	300	2.2	7.6
180	180	50	350	2.7	11.5
200	200	60	380	4.0	17.5
250	250	75	420	5.0	30.0

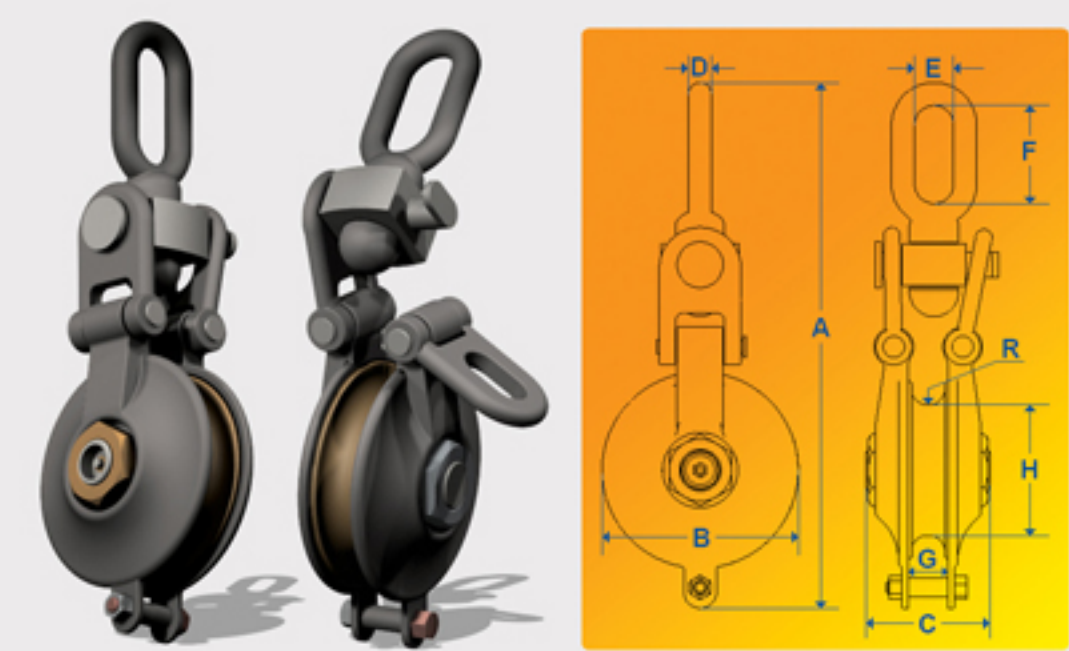
JIN BLOCK - SNATCH TYPE

Size (m/m)	D (m/m)	B (m/m)	L (m/m)	S.W.L (ton)	Weight (kg)
100	100	32	210	1.0	3.5
125	125	38	230	1.4	4.8
140	140	45	260	2.0	8.0
150	150	45	290	2.2	8.6
200	200	60	370	4.0	17.5
250	250	75	400	5.0	29.0

SNATCH BLOCK

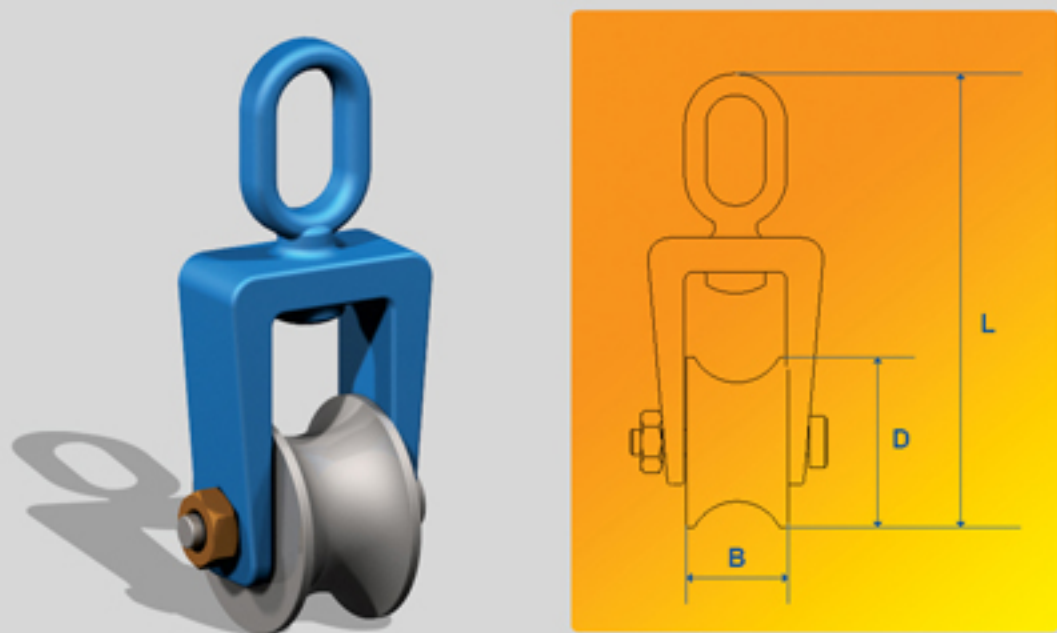
Size (ton)	D (m/m)	A (m/m)	B (m/m)	L (m/m)	H (m/m)	B.T.L (ton)	Weight (kg)
1.0	150	26	38	390	34	5.0	12.0
3.0	200	26	38	485	40	10.0	22.0
5.0	200	34	50	525	45	15.5	28.0
10.0	200	59	75	570	51	20.5	40.0

LACHING SNATCH BLOCK - TOAD TYPE



Size (in.)	Dimensions (mm)									Weight (kg)
	A	B	C	D	E	F	G	H	R	
5"	370	140	98	20	25	50	32	98	15	7.2
6"	487.5	168	128	26	40	85	38	126	15	13.8

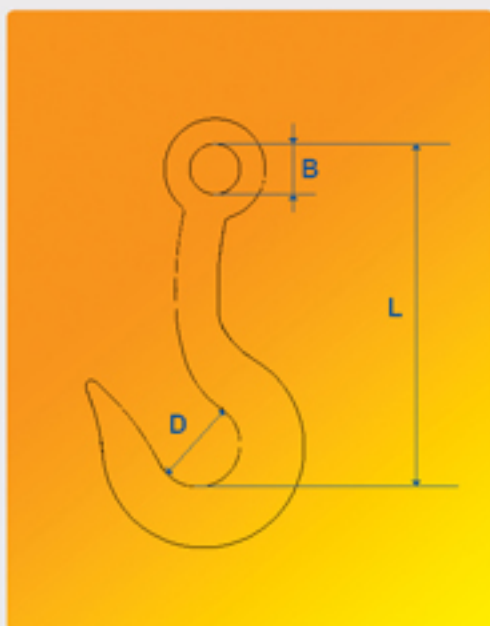
TOWING BLOCK



Size (m/m)	D (m/m)	B (m/m)	L (m/m)	S.W.L (ton)	Weight (kg)
100	110	50	175	2.0	6.5
125	125	65	200	3.0	9.5
140	140	75	280	5.0	12.0

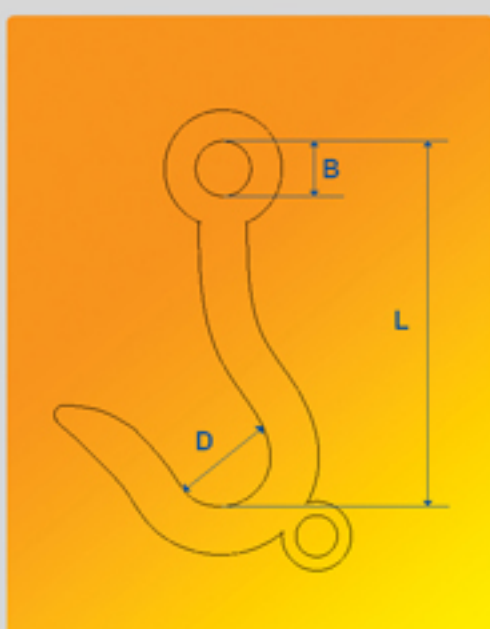
MEMO

DOG HOOK



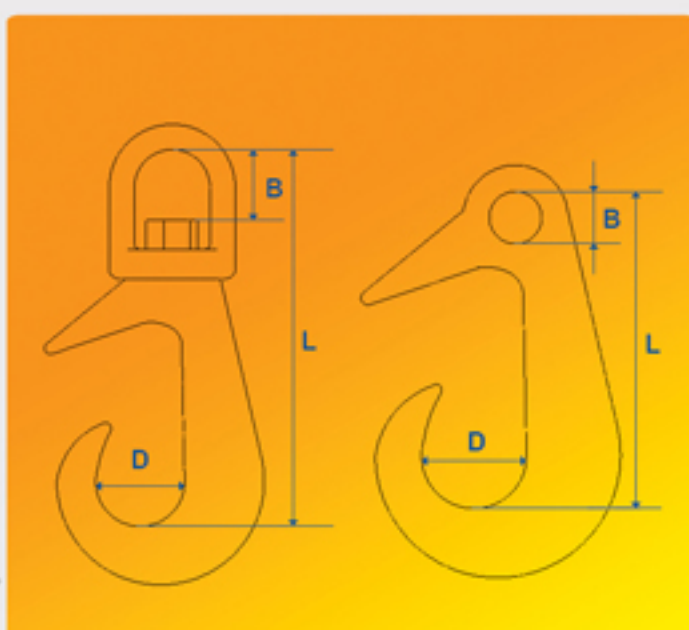
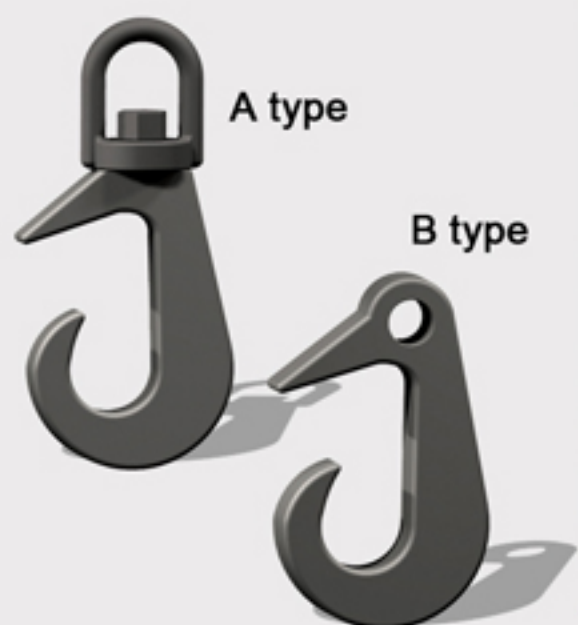
Size (ton)	D (m/m)	B (m/m)	L (m/m)	B.T.L (ton)	Weight (kg)
1.0			150	3.5	1.5
3.0			210	7.1	3.5
5.0			280	11.5	7.5
7.0			320	16.4	13.0
10.0			350	22.9	18.0
15.0			410	32.2	33.0

NET SHOOTING HOOK



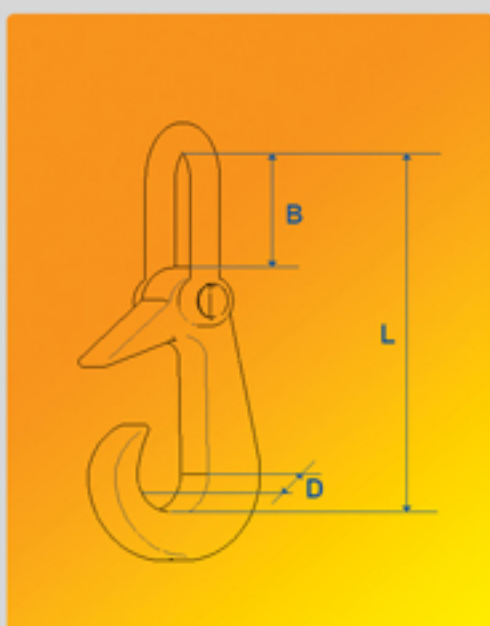
Size (ton)	D (m/m)	B (m/m)	L (m/m)	B.T.L (ton)	Weight (kg)
0.5			140	2.0	0.9
2.0			210	5.7	3.4
3.0			210	8.3	3.4
4.0			220	10.2	4.3
5.0			255	13.2	5.0

CARGO HOOK



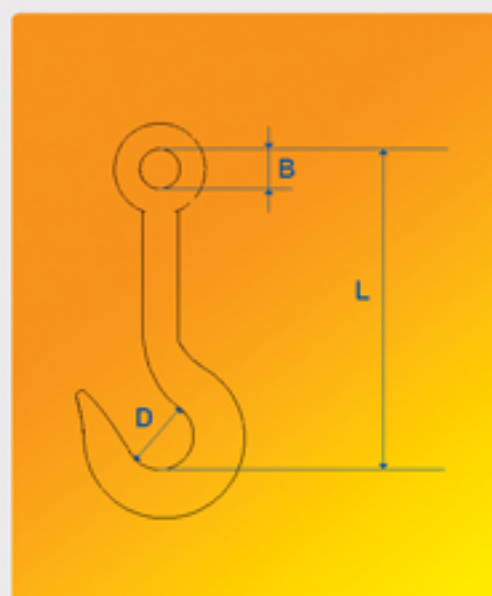
Type	Size (ton)	D (m/m)	B (m/m)	L (m/m)	B.T.L (ton)	Weight (kg)
A type (swivel)	1.0			207	3.5	3.0
	2.0			228	5.5	4.0
	3.0			263	7.1	6.5
	5.0			303	11.5	7.5
B type	1.0			130	3.5	2.8
	2.0			150	5.5	3.7
	3.0			170	7.1	6.0
	5.0			210	11.5	7.0

NET HAULING HOOK



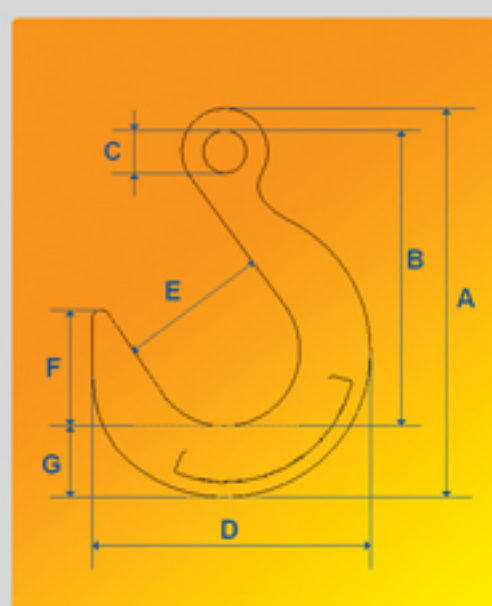
Size (ton)	D (m/m)	B (m/m)	L (m/m)	B.T.L (ton)	Weight (kg)
3.0			150	9.2	4.2
5.0			180	15.0	10.0
7.0			200	21.0	14.8
10.0			230	24.4	17.5

O.B STOPPER HOOK



Size (ton)	D (m/m)	B (m/m)	L (m/m)	B.T.L (ton)	Weight (kg)
3.0			220	8.3	3.0
5.0			270	17.5	5.5
7.0			300	21.0	8.0
10.0			320	30.0	10.2
15.0			350	35.0	17.0
20.0			360	42.0	20.0

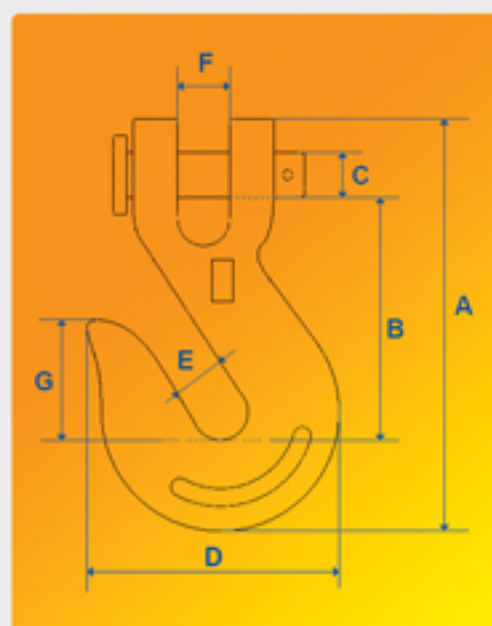
EYE FOUNDRY HOOK



Size (in.)	Dimensions (mm)							S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G		
1/2	238.0	174.7	25.4	171.5	88.9	56.4	44.4	5.4	3.2
5/8	278.5	278.5	31.8	198.4	101.6	66.8	51.5	8.2	5.5

B.T.L = S.W.L X 4

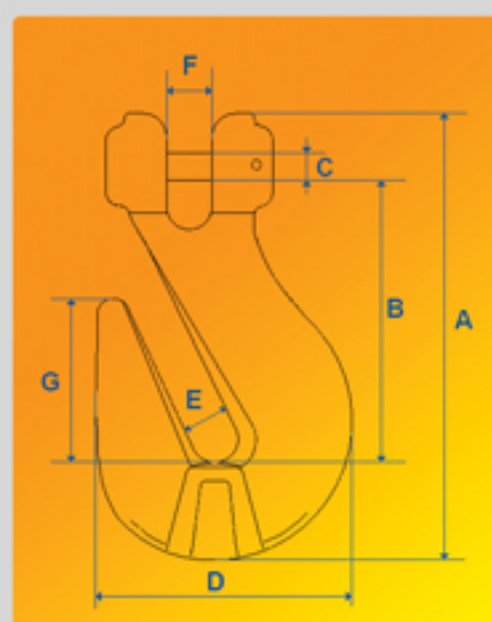
CLEVIS GRAB HOOK



Size (in.)	Dimensions (mm)							S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G		
1/4	86.0	51.3	7.9	50.5	9.5	9.5	26.7	1.2	0.2
5/16	98.7	59.3	9.5	57.0	11.2	11.2	32.6	1.8	0.3
3/8	115.3	68.9	10.8	67.5	12.7	12.7	39.3	2.5	0.5
1/2	142.6	83.9	13.8	86.5	16.7	16.7	48.3	4.2	1.0
5/8	180.0	109.5	18.9	110.7	19.8	23.0	64.0	7.2	2.0

B.T.L = S.W.L X 4

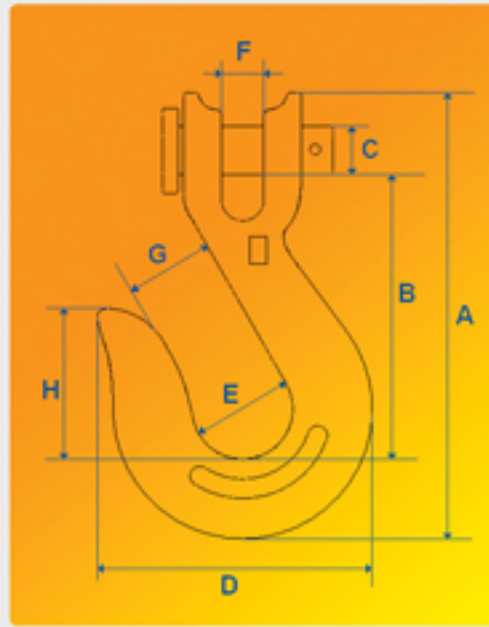
CLEVIS GRAB HOOK - ITALY TYPE



Size (in.)	Dimensions (mm)							S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G		
5/16	90.0	48.0	9.0	53.0	10.2	10.2	27.0	2.0	0.4
3/8	125.0	72.0	11.0	71.0	12.7	12.7	39.0	3.2	0.8
1/2	155.0	90.0	16.0	90.0	16.7	16.7	53.0	5.4	1.5

B.T.L = S.W.L X 4

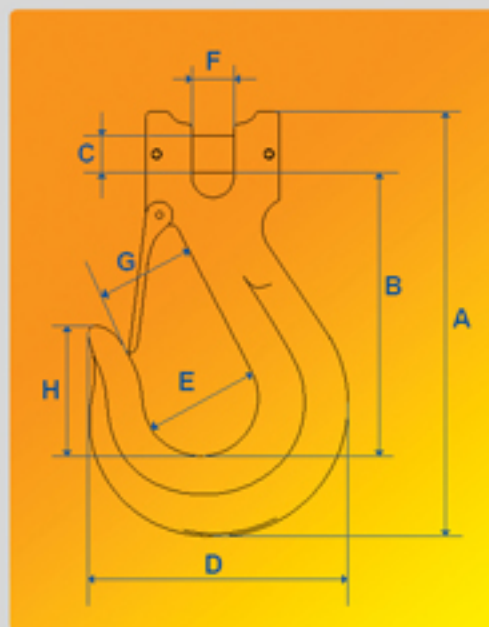
CLEVIS SLIP HOOK



Size (in.)	Dimensions (mm)								S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G	H		
3/8	131.8	80.6	10.8	88.0	36.0	12.7	31.2	37.0	2.4	0.5

• B.T.L = S.W.L X 4

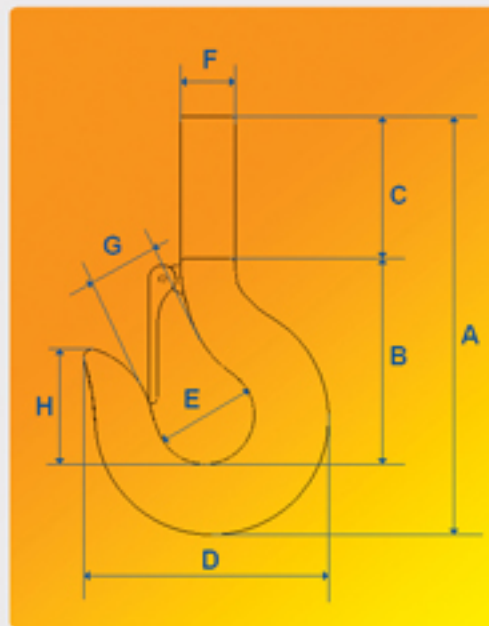
CLEVIS SLING HOOK



Size (in.)	Dimensions (mm)								S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G	H		
1/4	135.0	93.2	9.0	87.6	43.0	12.7	30.5	43.0	1.6	0.5
3/8	176.9	120.0	12.0	115.9	57.0	13.0	42.0	55.0	3.2	1.2
1/2	216.0	144.0	16.0	140.0	64.0	15.0	49.0	65.0	5.4	2.2

• B.T.L = S.W.L X 4

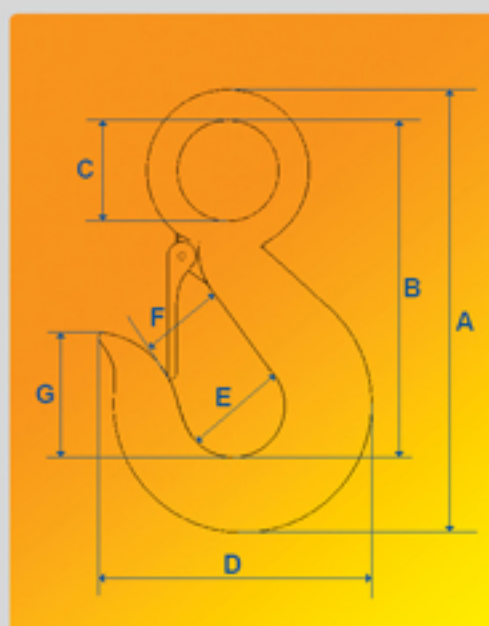
SHANK HOOK



Size (ton)	Dimensions (mm)								Weight (kg)
	A	B	C	D	E	F	G	H	
2T	181.0	87.0	55.0	114.5	45.0	24.0	28.0	44.5	1.3
3T	246.0	121.0	71.0	152.0	56.0	34.0	36.0	56.0	3.0
5T	272.0	113.0	100.0	174.0	67.0	45.0	38.0	71.0	4.4

• B.T.L = S.W.L X 5

EYE HOOK



Size (ton)	Dimensions (mm)							Weight (kg)
	A	B	C	D	E	F	G	
3/4	113.0	82.0	19.0	72.5	31.0	21.0	31.5	113.0
1.0	128.5	93.5	23.0	81.0	34.0	19.0	36.0	128.5
1.5	144.0	104.0	28.0	91.0	36.0	21.0	40.0	144.0
2.0	163.5	119.0	32.0	102.5	40.0	25.0	45.0	163.5
3.0	202.5	147.0	40.0	123.5	48.0	32.0	54.0	202.5
5.0	259.5	187.5	51.0	166.0	60.0	43.0	73.0	259.5
7.5	315.5	230.0	62.0	195.0	76.0	54.0	83.0	315.5

• 3/4T ~ 3.0T : B.T.L = S.W.L X 3

• 5.0T ~ 7.5T : B.T.L = S.W.L X 5

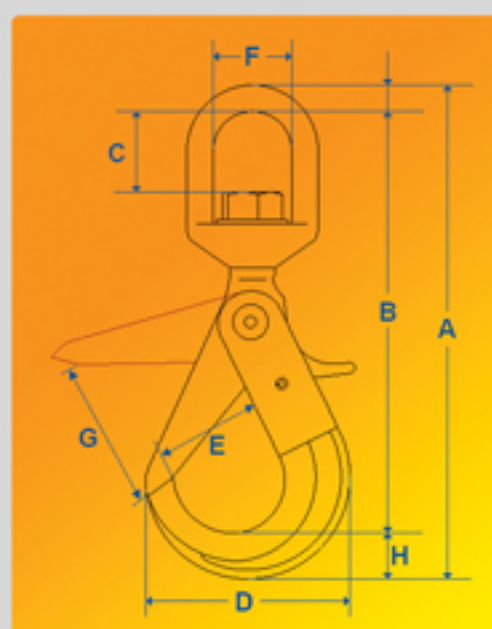
SAFETY LATCH HOOK - EYE TYPE



Chain Size (mm)	Dimensions (mm)								S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G	H		
6	128.5	100.3	20.0	66.0	29.0	36.1	34.0	20.1	0.90	0.85
7~8	143.3	133.1	24.9	88.9	37.1	44.7	43.4	27.9	1.71	1.81
10	210.8	168.4	33.0	110.5	47.5	62.0	55.9	29.2	2.25	3.24
13	270.0	211.1	46.0	138.4	53.6	80.0	67.1	42.2	3.51	5.96
16	329.4	255.5	55.9	166.6	63.2	100.0	80.0	52.1	6.84	12.75

B.T.L = S.W.L X 4

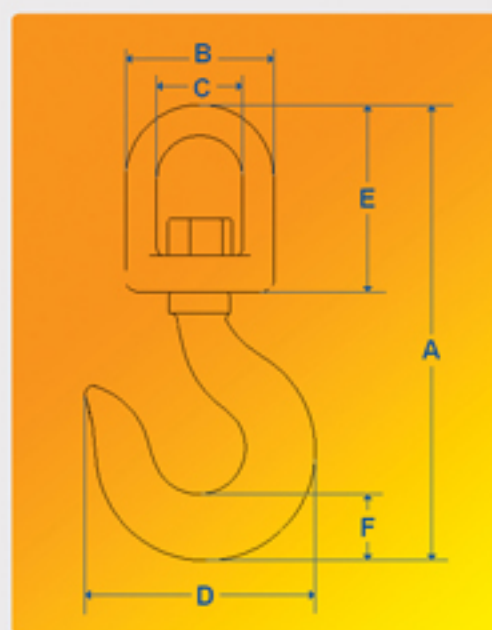
SAFETY LATCH HOOK - SWIVEL TYPE



Chain Size (mm)	Dimensions (mm)								S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G	H		
6	128.5	100.3	20.0	66.0	29.0	36.1	34.0	20.1	0.90	0.85
7~8	143.3	133.1	24.9	88.9	37.1	44.7	43.4	27.9	1.71	1.81
10	210.8	168.4	33.0	110.5	47.5	62.0	55.9	29.2	2.25	3.24
13	270.0	211.1	46.0	138.4	53.6	80.0	67.1	42.2	3.51	5.96
16	329.4	255.5	55.9	166.6	63.2	100.0	80.0	52.1	6.84	12.75

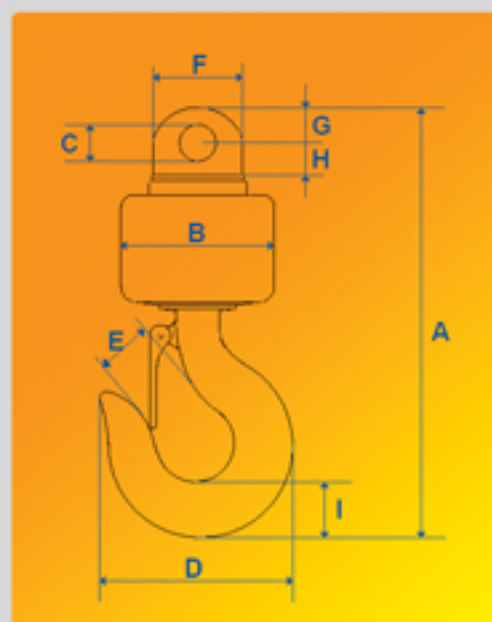
B.T.L = S.W.L X 4

SWIVEL HOOK



Size (ton)	Dimensions (mm)						Weight (kg)
	A	B	C	D	E	F	
2T	310	95	50	120	130	40	
3T	330	105	52	130	105	48	
5T	400	115	57	160	115	52	
7T	437	130	63		130		

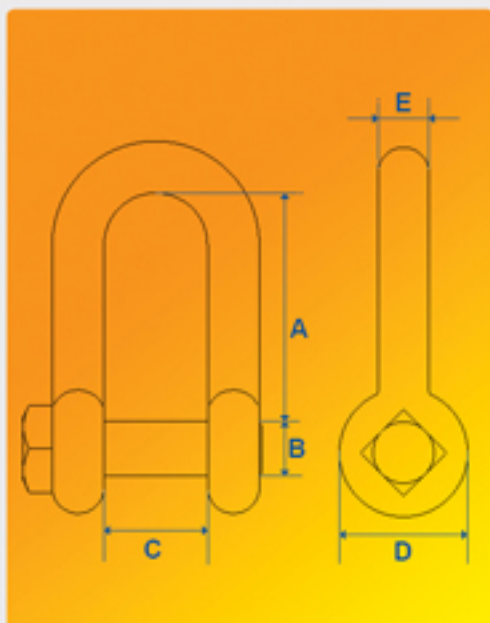
BEARING SWIVEL HOOK



Size (ton)	Dimensions (mm)									Weight (kg)
	A	B	C	D	E	F	G	H	I	
1T	289	100	22	114.5	28.0	50	25	27	39	7.0
2T	329	118	28	114.5	28.0	68	34	36	39	11.2
3T	388	138	30.5	152	36.0	68	34	36	54	16.9
5T	437	153	30.5	174	38.0	78	34	36	59	27.7

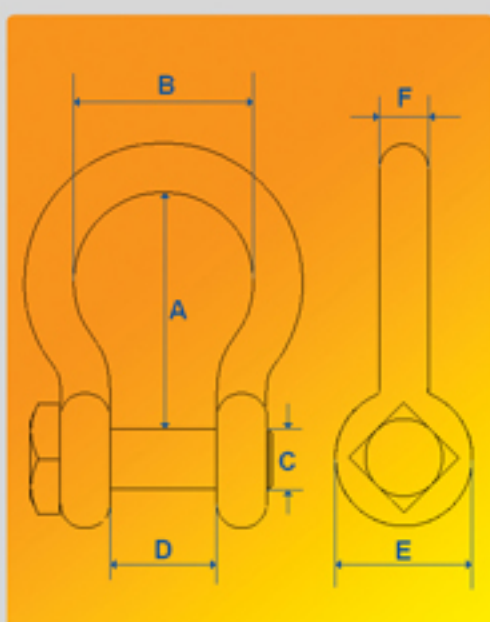
B.T.L = S.W.L X 5

D - SHACKLE (Square Head Shackle)



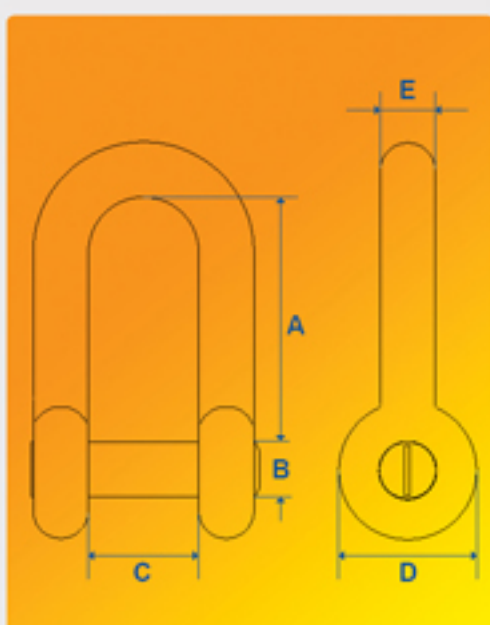
Size (mm)	Dimensions (mm)					S.W.L (ton)	Weight (kg)
	A	B	C	D	E		
9	31	13	17		9	0.25	0.1
13	43	16	27	33	13	0.5	0.3
16	52	20	27	38	16	1.0	0.6
19	63	22	27	43	19	1.5	0.9
22	77	26	41	51	22	2.0	1.5
25	91	29	43	57	25	3.0	2.1
28	94	32	45	65	28	5.0	2.9
32	101	35	51	73	32	6.5	3.9
35	112	39	55	78	35	8.5	4.9
38	118	41	57	88	38	10.0	6.5
41	132	45	61	90	41	13.5	8.4
45	136	48	65	95	45	18.0	10.2
50	142	55	70		50	25.0	16.5
55	150	60	75		55	32.5	22.0

B - SHACKLE (Square Head Bow Shackle)



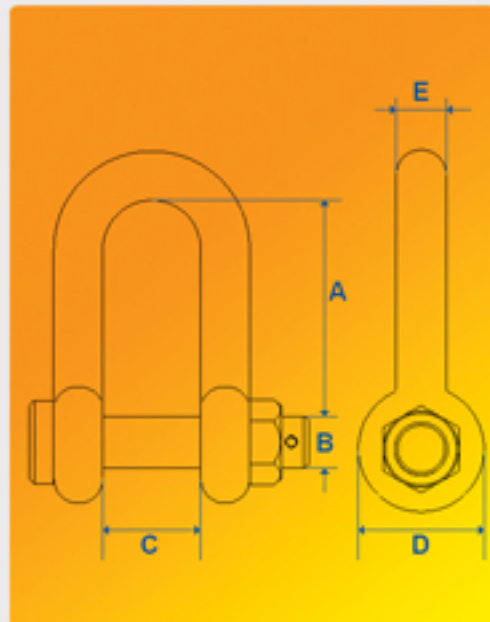
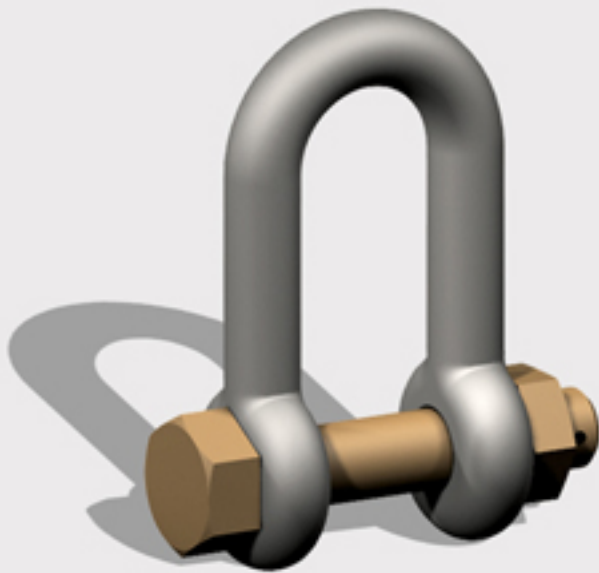
Size (mm)	Dimensions (mm)						S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F		
13	74	44	16	24		13	0.5	0.5
16	80	50	19	30		16	1.0	0.8
19	84	55	20	36	43	19	1.5	1.0
22	92	62	26	42	51	22	2.0	1.6
25	97	66	28	45	57	25	3.0	2.2
28	103	69	32	45	65	28	5.0	3.0
32	121	78	35	49	73	32	6.5	4.3
35	123	80	38	50	78	35	8.5	5.2
38	131	90	38	61	88	38	10.0	7.0
41	146	100	44	63	90	41	13.5	8.9
45	152	110	45	65	95	45	16.0	10.5
50	165	115	50	75	100	50	19.0	17.0
60	210	150	60	80		60	22.6	29.0

ENDLESS SHACKLE



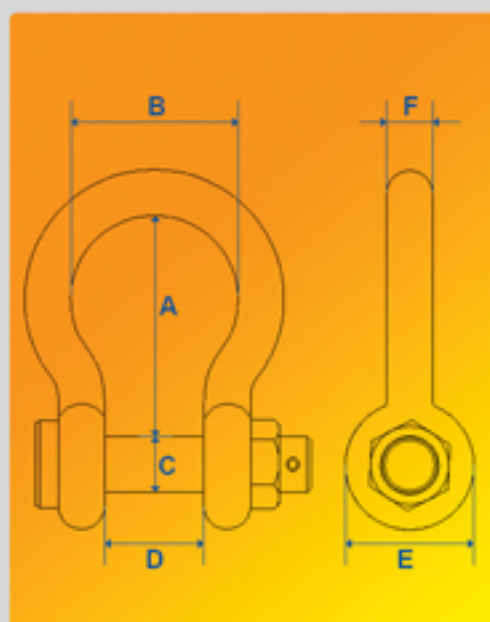
Size (mm)	Dimensions (mm)					S.W.L (ton)	Weight (kg)
	A	B	C	D	E		
22	77.0	25.0	40.0	51.0	22.0	2.0	1.4
25	91.0	28.0	45.0	57.0	25.0	3.0	2.0
28	94.0	32.0	45.0	65.0	28.0	5.0	2.6
32	100	35.0	45.0	73.0	32.0	6.5	3.7
35	111	38.0	45.0	78.0	35.0	8.5	5.0

S.B - SHACKLE

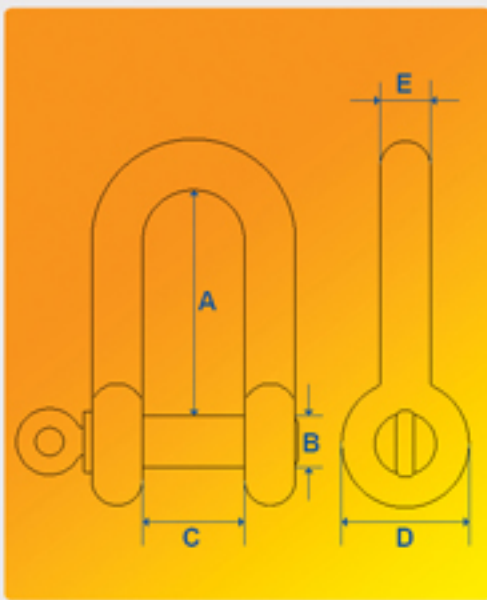


Size (mm)	Dimensions (mm)					S.W.L (ton)	Weight (kg)
	A	B	C	D	E		
22	88	26	34	55	22	3.0	1.5
24	96	30	39	62	24	3.6	1.7
28	112	34	43	70	28	4.8	3.5
30	120	36	45	75	30	5.4	4.6
32	128	38	48	80	32	6.2	6.2
36	144	42	54	90	36	8.0	9.4
38	152	46	57	95	38	9.0	11.0
40	160	48	60	100	40	10.0	12.2
44	176	54	66	110	44	12.0	16.1
50	200	60	75	125	50	15.0	21.9
55	220	65	83	138	55	18.0	29.5
60	240	70	90	150	60	22.0	41.2
65	260	77	98	164	65	26.0	50.8
70	280	83	105	178	70	30.0	60.4
75	300	90	112	192	75	35.0	76.8
80	320	96	120	206	80	40.0	93.2
85	340	102	128	220	85	45.0	112.5
90	360	108	135	232	90	50.0	131.7

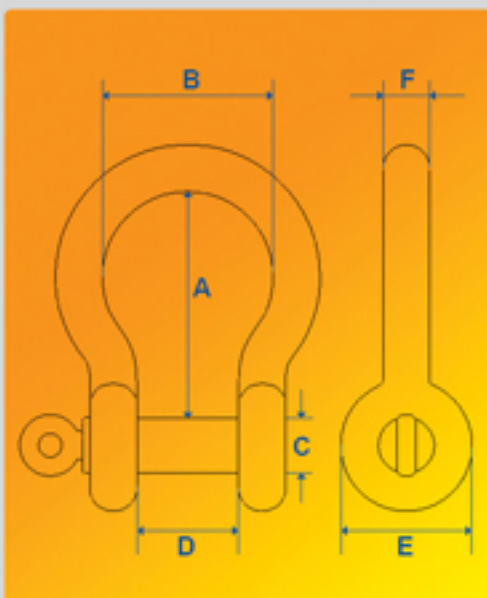
B.B - SHACKLE



Size (mm)	Dimensions (mm)						S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F		
10	36.6	26.0	11.1	16.7	24.6	9.6	1.0	0.2
13	48.5	34.0	15.9	21.0	30.0	13.0	2.0	0.4
16	60.5	43.0	19.0	27.0	40.0	16.0	3.25	0.8
19	72.9	51.0	22.2	32.0	48.0	19.0	4.75	1.2
22	84.5	58.0	25.4	37.0	54.0	22.2	6.5	1.8
25	95.0	68.0	28.6	43.0	60.0	25.4	8.5	2.6
28	108.6	74.0	32.0	46.0	67.0	28.6	9.5	3.8
32	119	83.0	35.0	51.0	76.0	32.0	12.0	5.3
35	133.5	92.0	38.1	57.0	84.0	35.0	13.5	7.2
38	146	98.0	42.0	60.0	92.0	38.1	17.0	9.4
45	178	127	50.8	73.0	109	44.5	25.0	15.4
50	197	146.4	57.1	83.0	127	50.8	35.0	23.7
65	267	184	70.0	105	144.5	66.5	55.0	44.6
75	330	200	82.5	127	165	76.2	85.0	69.9

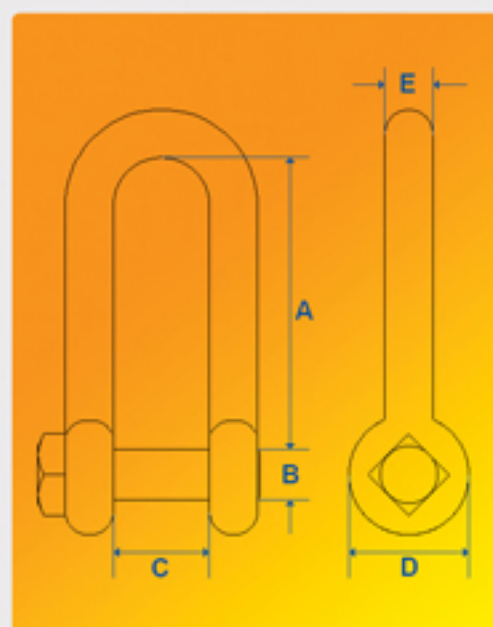
S.C - SHACKLE

Size (mm)	Dimensions (mm)					S.W.L (ton)	Weight (kg)
	A	B	C	D	E		
13	41.6	15.9	21.0	30.0	13.0	0.25	0.1
16	51.0	19.0	27.0	40.0	16.0	0.5	0.3
19	59.9	22.2	32.0	48.0	19.0	1.0	0.6
22	71.0	25.4	37.0	54.0	22.2	1.5	0.9
25	81.5	28.6	43.0	60.0	25.4	2.0	1.4
28	91.6	32.0	46.0	67.0	28.6	3.0	2.0
32	99.0	35.0	51.0	76.0	32.0	5.0	2.6
38	121.0	42.0	60.0	92.0	38.1	6.5	3.7
45	146.1	50.0	73.0	109.0	44.5	8.5	5.0
50	162.1	57.0	83.0	127.0	50.8	10.0	5.9

B.C - SHACKLE

Size (mm)	Dimensions (mm)						S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F		
8	31.0	21.3	9.6	13.5	19.0	7.8	0.75	0.1
10	36.6	26.0	11.1	16.7	24.6	9.6	1.0	0.2
13	48.5	34.0	15.9	21.0	30.0	13.0	2.0	0.3
16	60.5	43.0	19.0	27.0	40.0	16.0	3.25	0.6
19	72.9	51.0	22.2	32.0	48.0	19.0	4.75	1.1
22	84.5	58.0	25.4	37.0	54.0	22.2	6.5	1.6
25	95.0	68.0	28.6	43.0	60.0	25.4	8.5	2.3
28	108.6	74.0	32.0	46.0	67.0	28.6	9.5	3.4
32	119.0	83.0	35.0	51.0	76.0	32.0	12.0	4.3
35	133.5	92.0	38.1	57.0	84.0	35.0	13.5	6.1
38	146.0	98.0	42.0	60.0	92.0	38.1	17.0	7.8
45	178.0	127.0	50.8	73.0	109.0	44.5	25.0	12.6
50	197.0	146.4	57.1	83.0	127.0	50.8	35.0	20.4

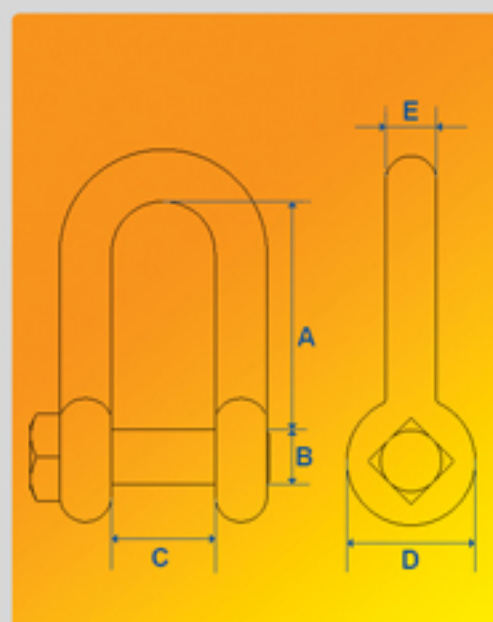
O.B ADJUSTING SHACKLE



Size (mm)	Dimensions (mm)					S.W.L (ton)	Weight (kg)
	A	B	C	D	E		
25	60~120	28.0	40.0		25.0	3.0	
28	60~130	32.0	40.0		28.0	5.0	
32	60~130	35.0	45.0		32.0	6.5	
35	70~140	38.0	45.0		35.0	8.5	
38	70~140	41.0	50.0		38.0	10.0	

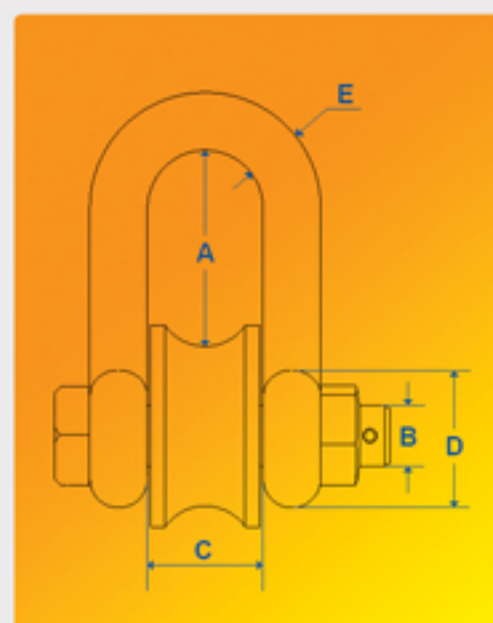
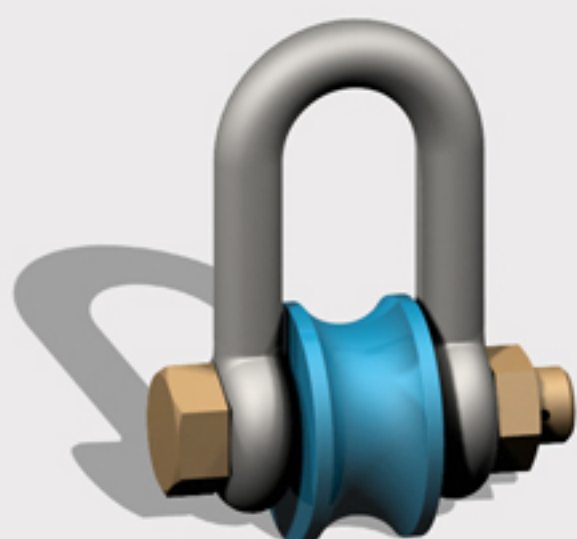
A interval : 10mm

T - SHACKLE (Attaching Shackle)

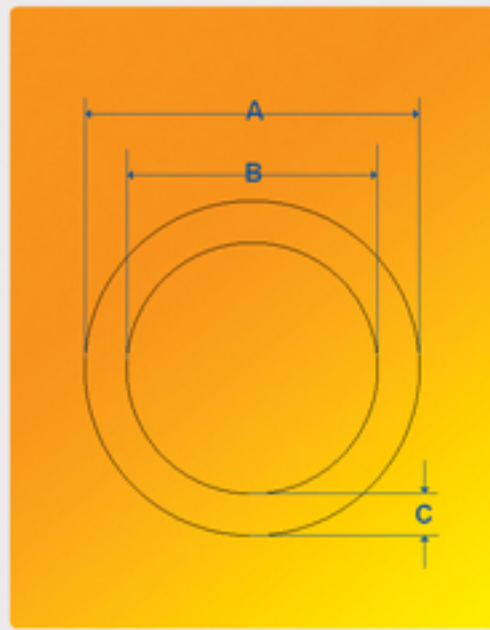


Size (mm)	Dimensions (mm)					S.W.L (ton)	Weight (kg)
	A	B	C	D	E		
25	57	28	40	57	25	3.0	2.0
28	65	32	40	63	28	5.0	2.6
32	73	35	40	73	32	6.5	3.6
35	78	38	45	78	35	8.5	4.9
38	88	41	50	88	38	10.0	5.9
41	90	45	50	90	41	13.5	7.2
45	95	48	65	95	45	18.0	10.2

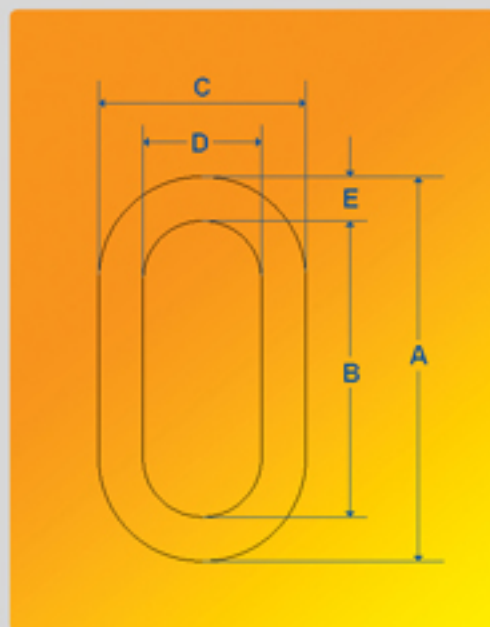
ROLLER SHACKLE



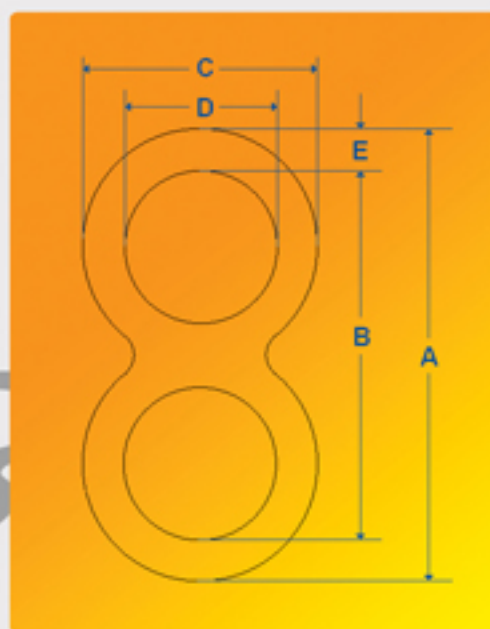
Size (mm)	Dimensions (mm)					S.W.L (ton)	Weight (kg)
	A	B	C	D	E		
19		40	35		19	1.5	1.6
22		40	43		22	2.0	2.5
25		40	43		25	3.0	3.2
28		45	43		28	5.0	4.1
32		50	48		32	6.5	6.0
35		50	48		35	8.5	7.2
38		65	48		38	10.0	9.0

I **PRESSED CENTER RING**

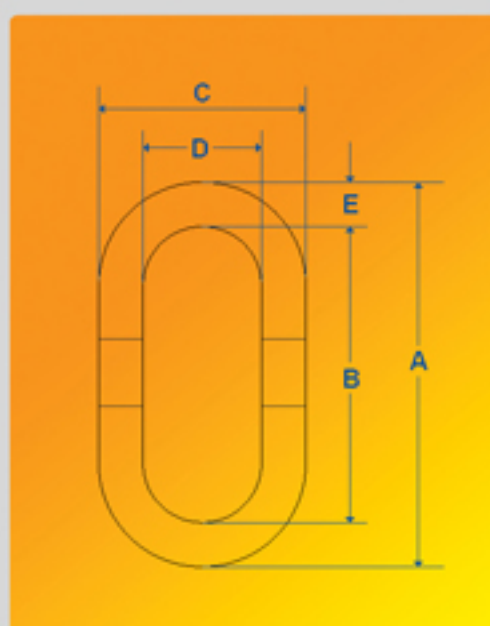
Size (mm)	Dimensions (mm)			S.W.L (ton)	B.T.L (ton)	Weight (kg)
	A	B	C			
22	144 ~ 164	100 ~ 120	22	2.0	5.1	1.0
25	150 ~ 200	100 ~ 150	25	3.0	6.6	1.3
28	156 ~ 206	100 ~ 150	28	5.0	8.3	2.2
32	184 ~ 214	120 ~ 150	32	6.5	10.0	2.7
35	190 ~ 220	120 ~ 150	35	8.5	12.8	3.6
38	196 ~ 256	120 ~ 180	38	10.0	15.3	4.5
41	232 ~ 302	150 ~ 220	41	13.5	17.7	5.9
45	270 ~ 340	180 ~ 250	45	15.0	21.6	7.3

I **PRESSED END RING**

Size (mm)	Dimensions (mm)					S.W.L (ton)	B.T.L (ton)	Weight (kg)
	A	B	C	D	E			
22	139	95	89	45	22	2.0	13.6	1.0
25	150	100	95	45	25	3.0	17.6	1.3
28	171	115	106	50	28	5.0	22.0	2.2
32	194	130	114	50	32	6.5	28.8	2.7
35	210	140	130	60	35	8.5	34.4	3.6
38	226	150	138	62	38	10.0	41.5	4.5
41	252	170	144	62	41	13.5	47.1	5.9
45	270	180	155	65	45	15.0	57.0	7.3

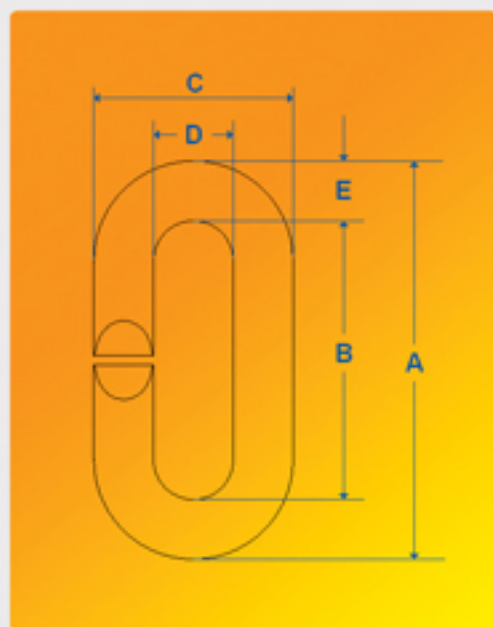
I **PRESSED 8 TYPE RING**

Size (mm)	Dimensions (mm)					S.W.L (ton)	B.T.L (ton)	Weight (kg)
	A	B	C	D	E			
25	200	150	110	60	25	3.0	7.5	2.0
28	266	210	141	85	28	5.0	9.8	3.6
32	274	210	149	85	32	6.5	12.0	4.2
35	280	210	155	85	35	8.5	14.6	5.8
38	306	230	161	85	38	10.0	18.5	7.8
41	312	230	167	85	41	13.5	21.6	9.4
45	320	230	175	85	45	15.0	26.2	11.0

I **WARP RING**

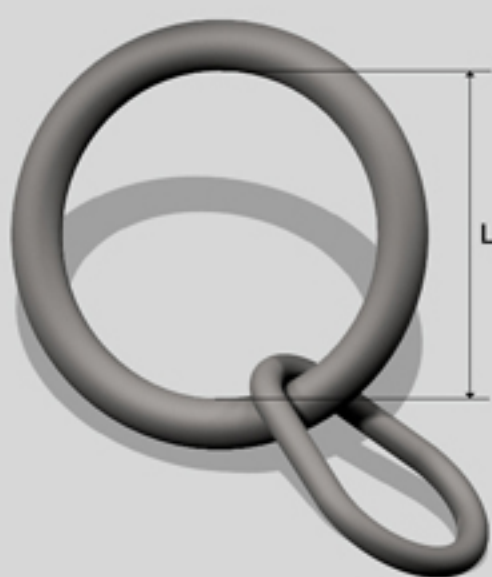
Size (mm)	Dimensions (mm)					S.W.L (ton)	B.T.L (ton)	Weight (kg)
	A	B	C	D	E			
22	139	95	89	45	22	2.0	13.6	1.0
25	150	100	95	45	25	3.0	17.6	1.3
28	171	115	106	50	28	5.0	22.0	2.2
32	194	130	114	50	32	6.5	28.8	2.7
35	210	140	130	60	35	8.5	34.4	3.6
38	226	150	138	62	38	10.0	41.5	4.5
41	252	170	144	62	41	13.5	47.1	5.9
45	270	180	155	65	45	15.0	57.0	7.3

PUZZLE RING



Size (mm)	Dimensions (mm)				
	A	B	C	D	E
12	72	48	42	18	12
16	96	64	56	24	16
22	132	88	77	33	22

COD BAND RING



Size (mm)	D (mm)	L (mm)	Weight (kg)
16 X 80	16	80	0.50
19 X 85	19	85	1.70
19 X 100	19	100	0.80
22 X 100	22	100	1.00
22 X 120	22	120	1.40
25 X 100	25	310	1.50

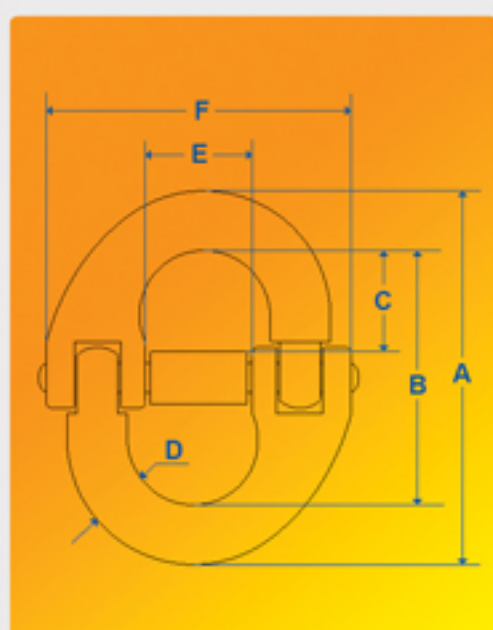
D : Diameter of body
L : inside Length

G - HOOK & WARP RING & 8 TYPE RING



Size (mm)	D (mm)	L (mm)	S.W.L (ton)	B.T.L (ton)	Weight (kg)
25	25	117	6.0	18.9	3.3
28	28	130	7.5	22.6	4.3
32	32	140	10.0	30.0	6.2
35	35	140	10.0	30.0	6.2
38	38	150	12.5	37.5	8.7
41	41	150	12.5	37.5	8.7
45	45	185	15.0	46.3	13.2

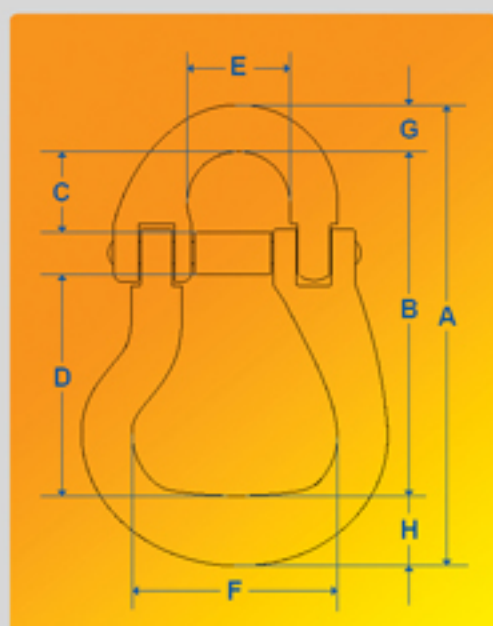
COUPLING LINK - A type (CP)



Size (mm)	Dimensions (mm)						S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F		
6	65	49	20.8	8	16	50	1.6	0.1
8	74	56	24.5	9	18	58	2.0	0.2
10	90	64	26.5	13	22	65	3.2	0.3
13	115	83	32.5	16	29	86	5.4	1.7
16	148	110	44.0	19	36	103	8.2	1.3
19	172	128	51.0	22	44	120	12.8	1.9
22	198	148	61.0	25	45	132	15.5	2.7
25	217	155	63.5	31	55	145	21.7	4.4

B.T.L = S.W.L x 4

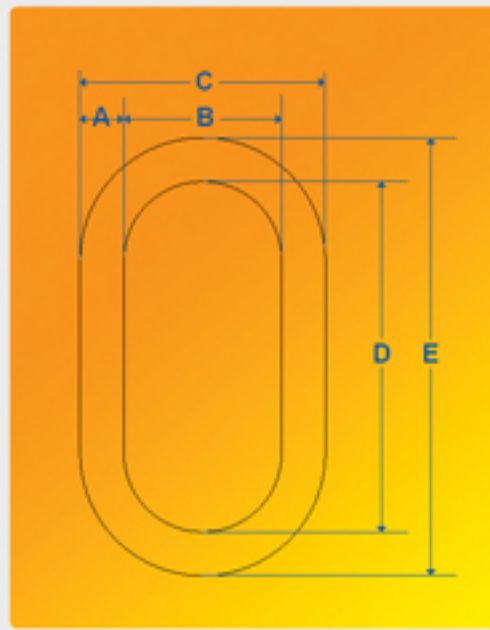
COUPLING LINK - B type (BCP)



Size (mm)	Dimensions (mm)								S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G	H		
19	240	183	51	106	44	90	22	35	12.8	3.3
22	255	192	61	105	45	90	25	38	15.5	3.8
25	297	221	63.5	129.5	55	107	31	45	21.7	6.3

B.T.L = S.W.L x 4

MASTER LINK



Size (mm)	Dimensions (mm)					S.W.L (ton)	B.T.L (ton)	Weight (kg)
	A	B	C	D	E			
13	12.7	63.5	88.9	127	152.4	3.2	16.0	0.4
16	16	76	108	152	184	4.1	20.5	0.7
19	19	70	108	140	178	5.6	28.0	0.9
25	25	90	140	178	228	11.1	55.5	2.2
32	32	111	175	222	286	16.4	82.0	4.3
38	38	133	209	267	343	24.7	123.5	7.4

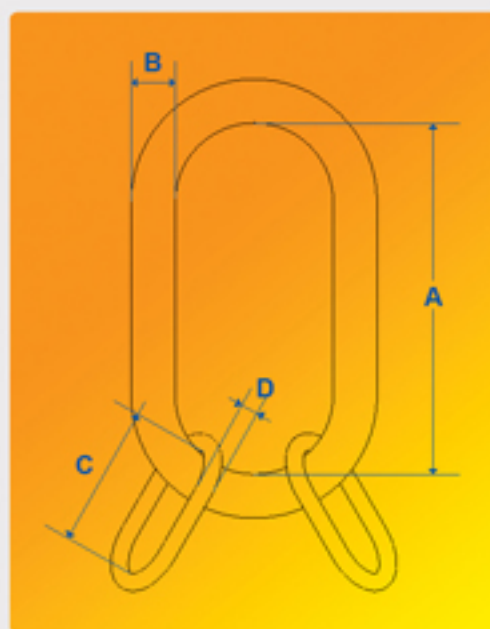
SLING LINK



Size (inch)	Dimensions (mm)						S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F		
10	9.5	28.7	19.1	76.2	57.2	9.7	0.8	0.1
13	12.7	38.1	25.4	101.6	76.2	12.7	1.3	0.3
16	16	47.5	31.8	127.0	95.3	16.0	1.9	0.5
19	19	57.2	38.1	152.4	114.3	19.1	2.7	0.9
22	22	66.8	44.5	177.8	133.4	22.4	3.7	1.3
25	25	76.2	50.8	203.2	152.4	25.4	4.9	2.0
32	32	101.6	63.5	260.4	190.5	31.8	7.6	3.5
34	34	104.9	69.8	279.4	209.6	35.1	9.3	5.1

● B.T.L = S.W.L × 6

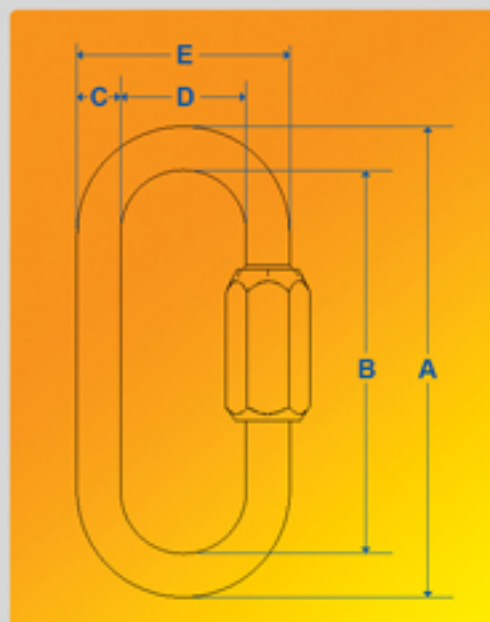
MASTER LINK ASSEMBLY



Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	S.W.L (ton)	Weight (kg)
19	140	70	42	23	1.1	2.0
25	178	89	60	32	2.7	3.9
32	222	151	88	44	6.0	6.9
38	267	163	110	60	11.0	10.9
45	305	162	120	65	16.0	15.6
50	356	168	135	70	26.0	21.4

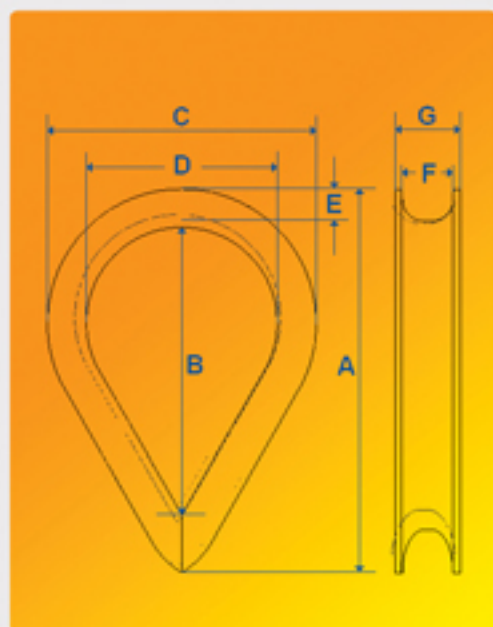
A : inside length of large ring / B : inside breadth of large ring
C : inside length of small ring / D : inside breadth of small ring

QUICK LINK



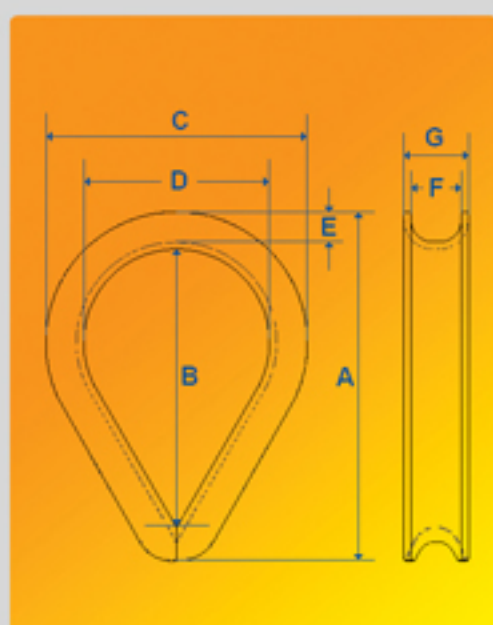
Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (kg)
10	82	68	10	21	41	0.10
12	107	84	12	22	52	0.23

COURSE - A TYPE



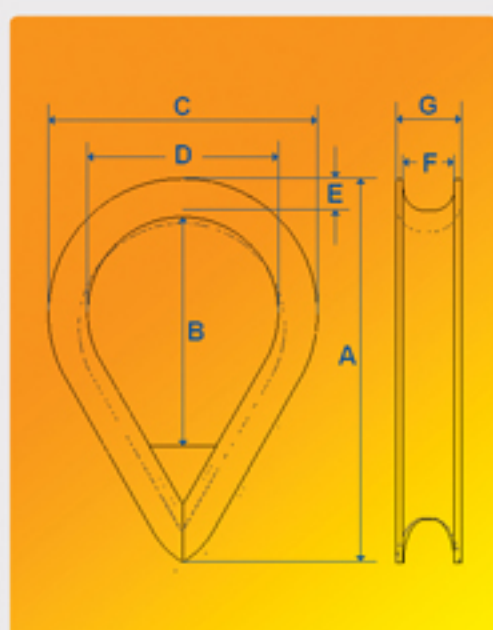
S.W.L (mm)	Dimensions (mm)							Weight (kg)
	A	B	C	D	E	F	G	
16		70	67	40	13	17	25.5	0.25
19		75	76	45	14	21	29	0.40
22		88	90	53	14	24	34	0.60
25		97	100	60	16	27	37	0.70
28		112	107	62	17	32	41	0.90
32		120	115	73	18	35	45	1.10
35		122	137	82	21	39	54	2.05
38		145	140	86	23	43.5	57	2.40

COURSE - B TYPE



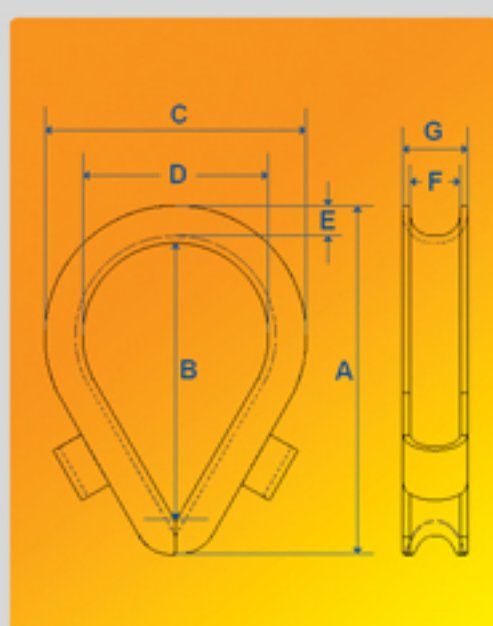
S.W.L (mm)	Dimensions (mm)							Weight (kg)
	A	B	C	D	E	F	G	
16	100	70	67	40	13	17	25.5	0.25
19	109	75	76	45	14	21	29	0.40
22	124	88	90	53	14	24	34	0.60
25	137	97	100	60	16	27	37	0.70
28	154	112	107	62	17	32	41	0.90
32	165	120	115	73	18	35	45	1.10
35	177	122	137	82	21	39	54	2.05
38	205	145	140	86	23	43.5	57	2.40

COURSE - C TYPE



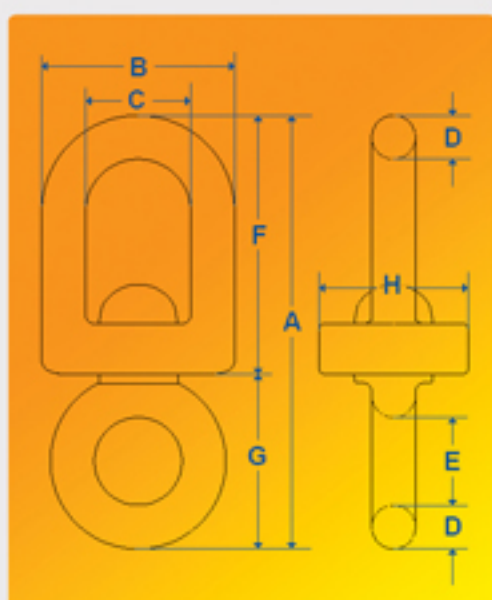
S.W.L (mm)	Dimensions (mm)							Weight (kg)
	A	B	C	D	E	F	G	
22	126	64	90	52	13	25	34	0.60
25	137	73	98	60	16	30	38	0.70
28	154	77	110	63	18	34	42	0.95
32	165	90	116	72	18	36	45	1.04
35	177	85	135	80	21	40	52	2.02

COURSE - D TYPE



S.W.L (mm)	Dimensions (mm)							Weight (kg)
	A	B	C	D	E	F	G	
19	109	75	76	45	14	21	29	0.41
22	124	88	90	53	14	24	34	0.73
25	137	97	100	60	16	27	37	0.80
28	154	112	107	62	17	32	41	1.07
32	165	120	115	73	18	35	45	1.21
35	177	122	137	82	21	39	54	2.10
38	205	145	140	86	23	43.5	57	2.80

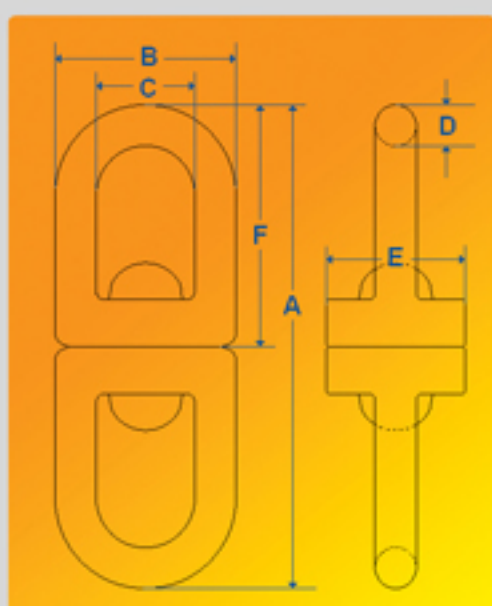
SINGLE SWIVEL



Size (mm)	Dimensions (mm)								S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G	H		
13	135	60	35	12.5	22	85	50	36	0.5	0.4
16	154	72	40	16	26	99	55	44	1.0	0.8
19	189	83	45	19	30	115	74	48	1.5	1.3
22	209	96	52	22	32	132	77	56	2.5	1.9
25	232	102	52	25	35	146	86	62	2.5	2.8
28	253	113	57	28	38	157	96	67	3.0	4.0
32	272	128	64	32	40	166	106	74	5.0	6.5
38	325.5	152	76	38	45	203	122.5	87	8.0	9.6

● Forged Carbon Steel

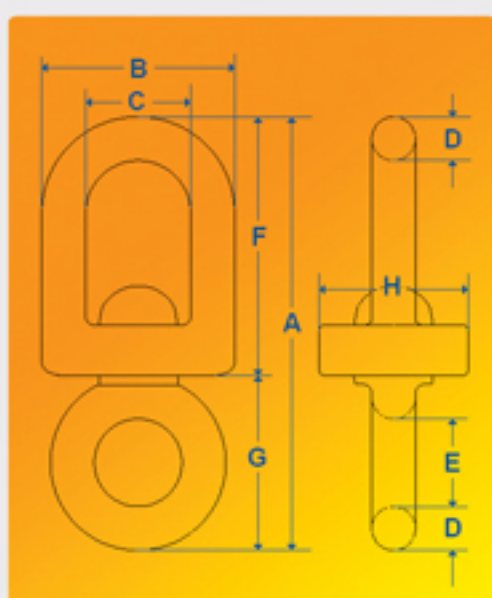
DOUBLE SWIVEL



Size (mm)	Dimensions (mm)						S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F		
13	170	60	35	12.5	36	85	0.5	0.8
16	198	72	40	16	44	99	1.0	1.2
19	230	83	45	19	48	115	1.5	1.7
22	264	96	52	22	56	132	2.5	2.4
25	292	102	52	25	62	146	2.5	3.4
28	314	113	57	28	67	157	3.0	5.0
32	332	128	64	32	74	166	5.0	8.5
38	406	152	76	38	87	203	8.0	14.5

● Forged Carbon Steel

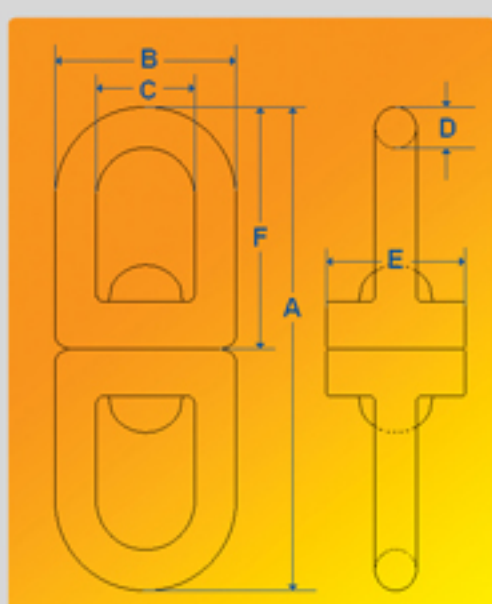
SUS SINGLE SWIVEL



Size (mm)	Dimensions (mm)								Weight (kg)
	A	B	C	D	E	F	G	H	
10	94	41	23	9	19	56.5	37.5	25	0.19
13	129.5	56	30	12.7	23.5	77	52.5	30	0.41
16	148	69	37	16	23	91	57	40	0.76
19	175	81	43	19	28	110	65	50	1.65
22	198	94	50	22	30	125	73	56	2.80
25	220	100	50	25	32	137	83	62	3.04

● Cast Stainless Steel

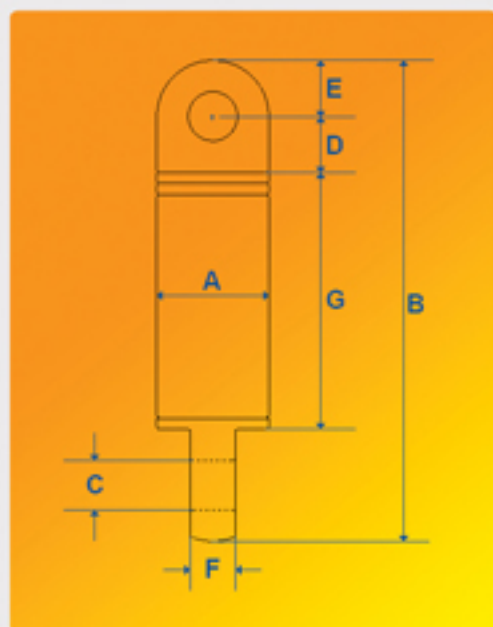
SUS DOUBLE SWIVEL



Size (mm)	Dimensions (mm)						Weight (kg)
	A	B	C	D	E	F	
5	62	23	13	5	14	31	0.04
6.5	71	29	16	6.5	16	35.5	0.07
8	96	37	19	9	20	48	0.14
10	113	41	23	9	25	56.5	0.24
13	154	56	30	13	30	77	0.51
16	182	69	37	16	40	91	0.98
19	220	81	43	19	50	110	2.08
22	250	94	50	22	56	125	3.16
25	274	100	50	25	62	137	4.24

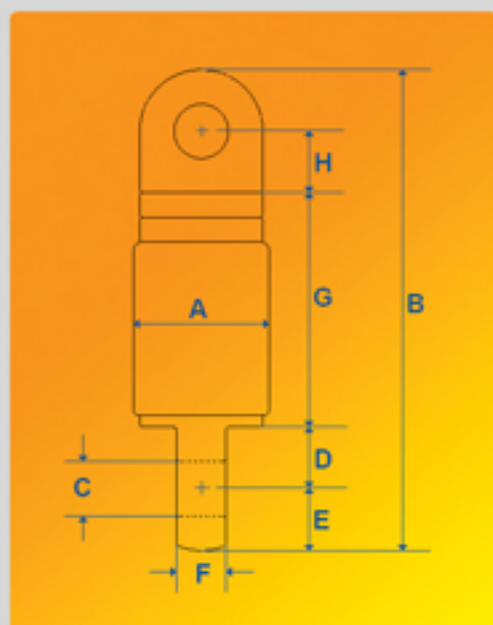
● Cast Stainless Steel

BEARING SWIVEL



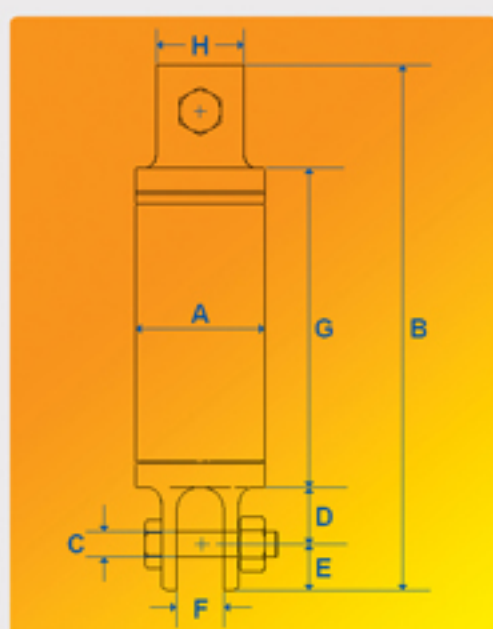
S.W.L (ton)	Dimensions (mm)							Weight (kg)
	A	B	C	D	E	F	G	
1T	50	174	21	23.5	23.5	12.5	80	1.4
2T	68	223	22	27	25	19	119	3.5
3T	79	276	29	36	34	26	136	6.4
5T	89	284	31	36	34	26	151	7.9
8T	106	367	43	50	45.5	40	176	15.2
10T	118	391	49	50	45.5	40	200	19.1
15T	120	457	49	65	51	40	225	25.0
20T	128	474	51	65	51	40	242	26.6

COMPACT BEARING SWIVEL



S.W.L (ton)	Dimensions (mm)								Weight (kg)
	A	B	C	D	E	F	G	H	
8T	85	260	34	30	39	42	117	36	7.1
12T	95	295	41	37	45	50	127	41	10.2
17T	120	360	52	54	55	52	134	55	15.0
22T	125	436	52	58	59	58	205	58	18.0

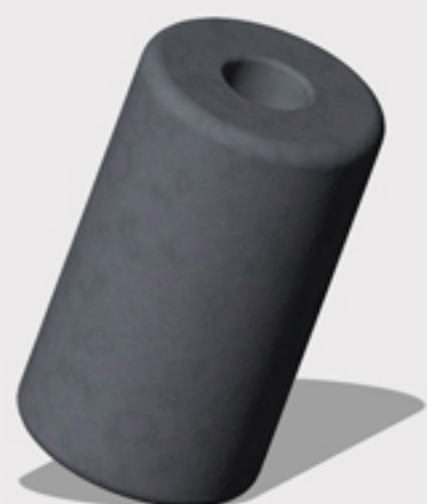
BEARING SWIVEL JAW & JAW



S.W.L (ton)	Dimensions (mm)								Weight (kg)
	A	B	C	D	E	F	G	H	
1T	79	254	19	33.5	25.5	22.5	136	42	7.7
5T	89	299	22	41	25.5	28.5	160	57	9.5
8T	106	374	25	54	35	39	196	70	18.2
10T	118	508	38	89	45	45	240	86	22.9
15T	120	547	38	89	45	45	279	86	30.0
20T	128	610	50	94	60	50	302	100	32.0

MEMO

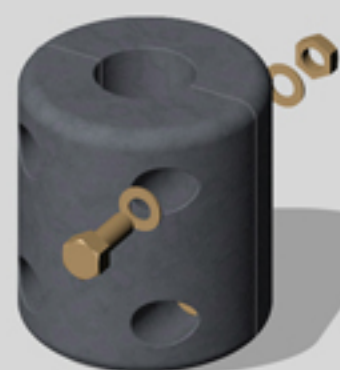
RUBBER BOBBIN



Size (mm) D x L	Weight / A (kg)	Weight / W (kg)	Hole (mm)	
			Small	Large
105 x 165	1.53	0.20	34	75
120 x 135	1.59	0.30	34	75
120 x 150	1.80	0.31	34	75
120 x 180	2.10	0.36	34	75
123 x 129	1.52	0.26	34	75
126 x 135	1.57	0.27	34	75
129 x 150	1.81	0.31	34	75
135 x 135	1.91	0.33	34	75
135 x 150	2.00	0.35	34	75
138 x 147	2.18	0.39	34	75
140 x 150	2.37	0.41	34	75
140 x 160	2.59	0.45	34	75
140 x 180	3.00	0.52	34	75

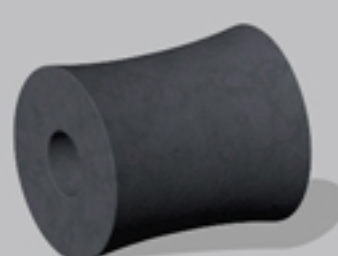
Size (mm) D x L	Weight / A (kg)	Weight / W (kg)	Hole (mm)	
			Small	Large
150 x 150	2.70	0.46	34	75
150 x 165	2.86	0.50	34	75
150 x 180	3.36	0.58	34	75
159 x 165	3.33	0.57	34	75
165 x 180	3.77	0.65	34	75
180 x 180	4.82	0.83	34	75
180 x 190	5.15	0.89	34	75
180 x 200	5.53	0.96	34	75
180 x 240	7.00	0.91	34	75
190 x 190	5.74	0.99	34	75
195 x 195	5.78	1.00	34	75
200 x 210	7.10	0.93	34	75
200 x 240	7.30	1.00	34	75

RBC (Rubber Bobbin Cut)

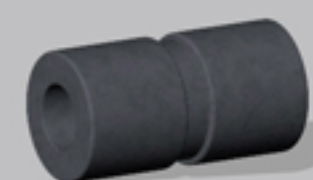


Size (mm) D x L	Weight / A (kg)	Weight / W (kg)	Hole (mm)
105 x 165	1.25	0.30	50
120 x 180	1.88	0.36	50
140 x 180	2.67	0.45	50
150 x 150			50
150 x 180	3.41	0.53	50
150 x 200	3.52		50
150 x 300	5.75	0.68	50
180 x 200	5.40	0.63	50
180 x 240	7.24	0.85	50

RUBBER TUBE



M type

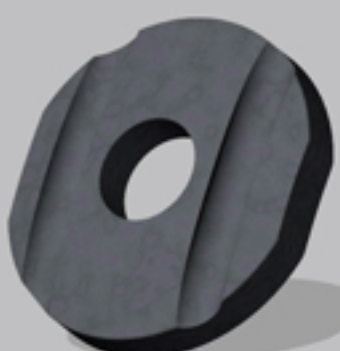


B type



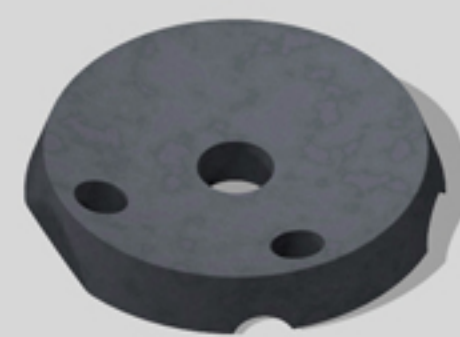
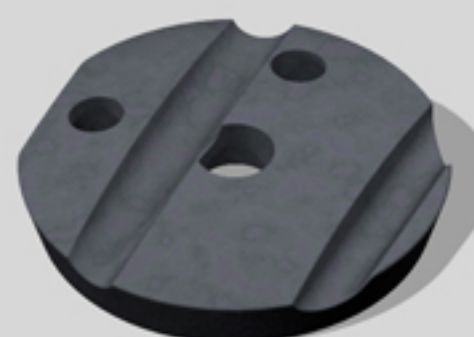
Size (mm) D x L	Type	Weight / A (kg)	Weight / W (kg)	Hole (mm)
75 x 72	M	0.23	0.030	32
85 x 55	M	0.25	0.033	32
80 x 40	B	0.19	0.024	32
80 x 80	B	0.38	0.048	32

TIRE PRESS



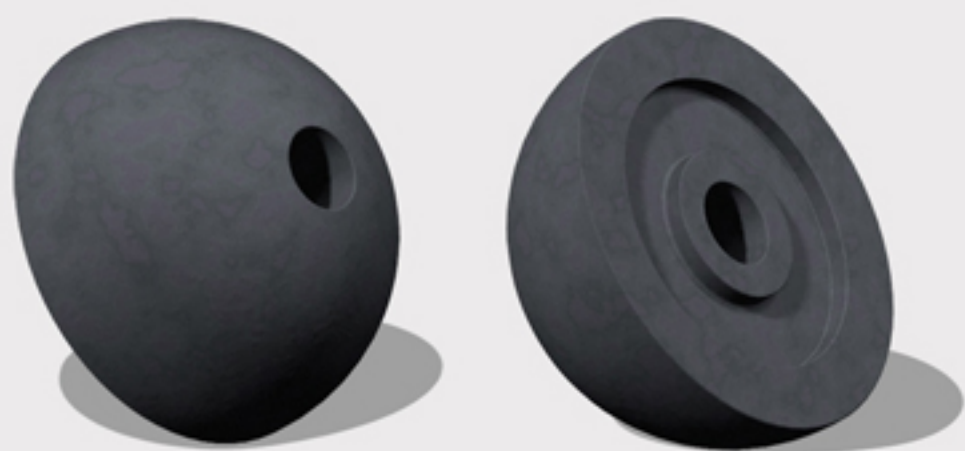
Size (m/m)	Weight / A (kg)	Weight / W (kg)	Hole (m/m)
105	0.11	0.01	32
120	0.13	0.02	32
135	0.18	0.03	35
150	0.22	0.03	35
180	0.40	0.04	35 or 70(80)
200	0.60	0.06	35 or 70(80)
240	1.10	0.10	35 or 70(80)

TIRE DISK



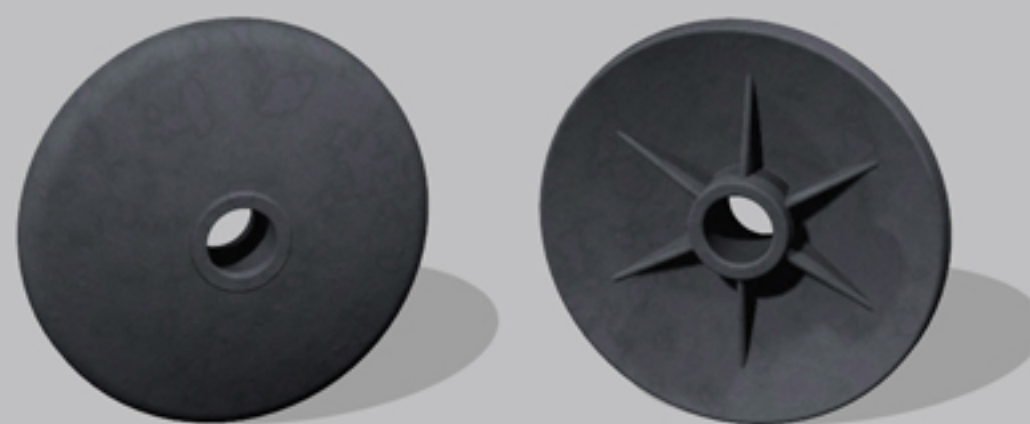
Size (mm)	Weight / A (kg)	Weight / W (kg)
360	6.9	2.3
440	9.8	3.2
480	11.7	3.9
530	16.5	5.4

RUBBER BUNT



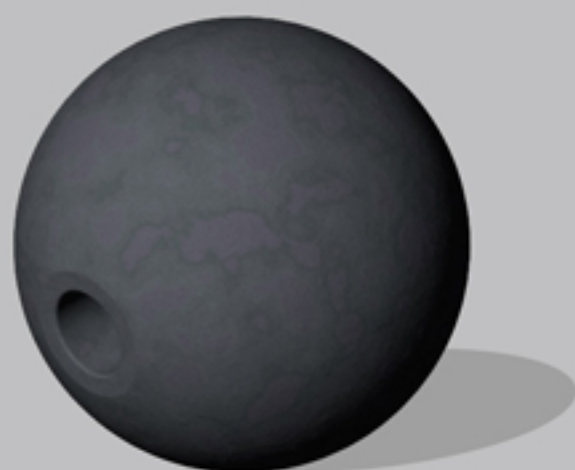
Size (mm)	Diameter (mm)	Height (mm)	Weight (kg)
300 X 200	300	200	9.35
400 X 260	400	260	24.00

RUBBER DISH



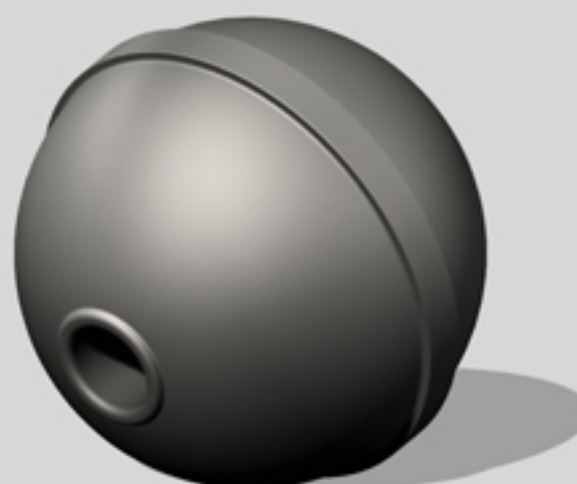
Size (mm)	Hole Dia (mm)	Weight (kg)
360	75	6.9
440	78	9.5
480	78	11.5
530	78	16.5
650	82	18.0
700	100	28.0

RUBBER BALL



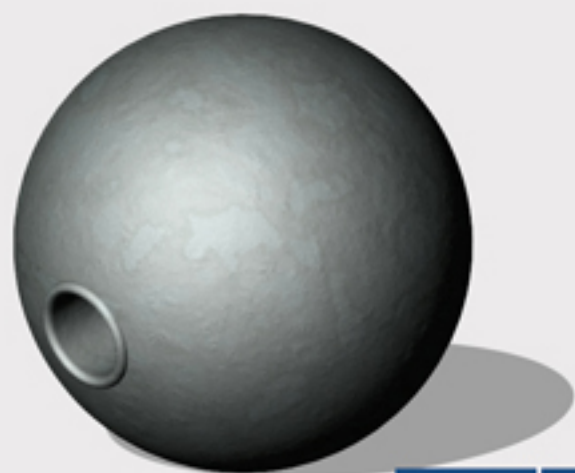
Size (mm)	Weight /A (kg)	Weight / W (kg)	Hole Dia (mm)
240	8.0	0.81	55
300	16.4	1.40	70
350	22.9	3.20	70
440	48.1	4.60	75
530	83.0	7.50	75

STEEL BALL



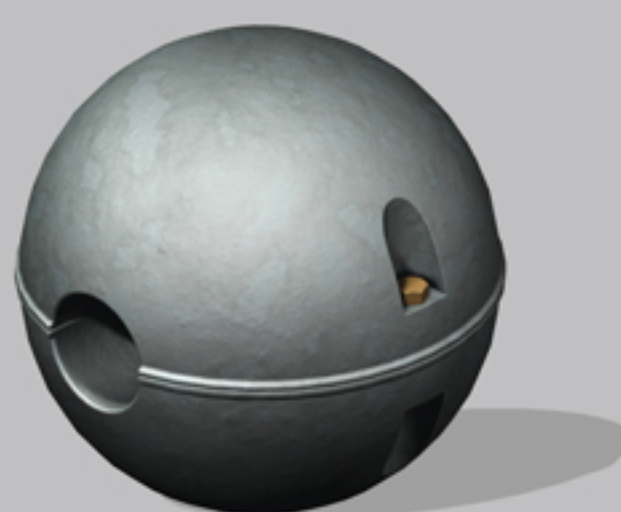
Size (mm)	Weight /A (kg)	Weight / W (kg)	Hole Dia (mm)
300	20.0	6.5	75
350	35.0	12.0	75
440	60.5	15.5	75
530	85.0	24.5	75

IRON BALL



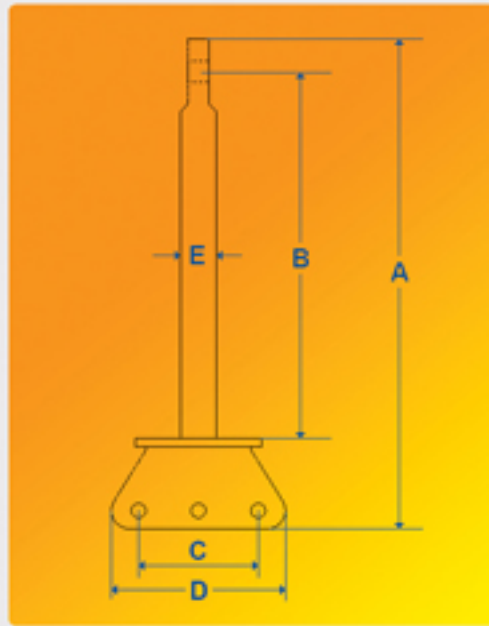
Size (mm)	Weight /A (kg)	Weight / W (kg)	Hole Dia (mm)
120	3.0	2.6	35
135	3.5	3.1	35
150	5.0	4.4	35
180	8.5	7.4	38
200	10.0	8.7	38
240	15.0	13.1	38

IRON BALL - Separate Type



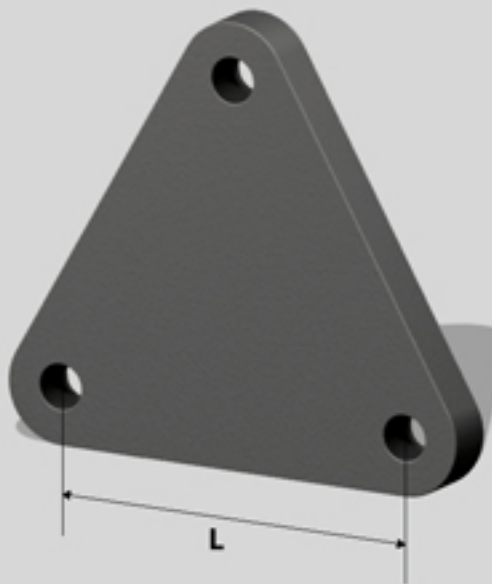
Size (mm)	Weight /A (kg)	Weight / W (kg)	Hole Dia (mm)
135	5.0	4.4	50
150	7.3	6.4	50
200	12.9	11.2	50

DELTA PLATE WITH BAR



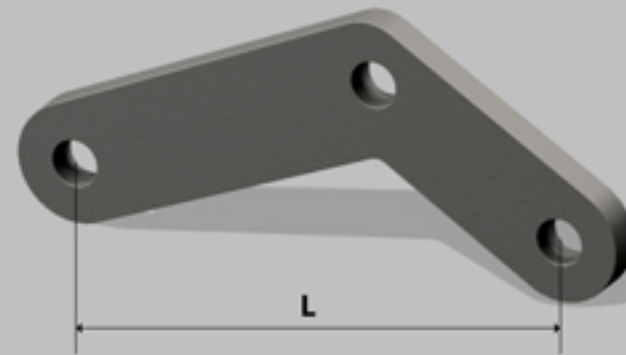
Size (mm)	Dimensions (mm)					Weight (kg)
	A	B	C	D	E	
200	400	395	230	270	60	5.5
270	480	395	230	270	60	13.0
320	580	475	280	320	65	20.0
360	710	575	300	360	70	27.0

DELTA PLATE



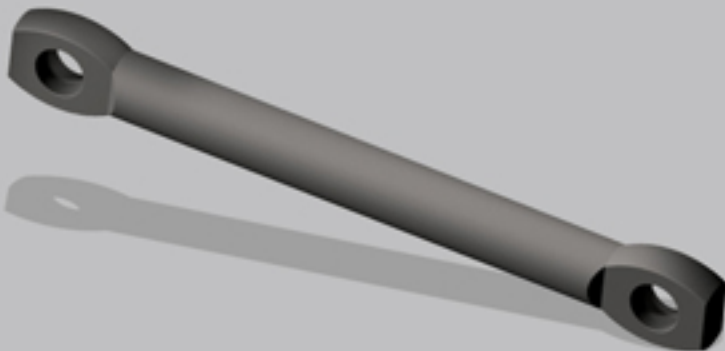
Size (mm)	Thickness (mm)	Length (mm)	Weight (kg)
22 X 100	22	100	2.4
25 X 100	25	100	3.6
25 X 120	25	120	4.2
25 X 150	25	150	5.2
25 X 180	25	180	6.2
25 X 200	25	200	6.8
25 X 250	25	250	8.8
25 X 300	25	300	10.5
28 X 100	28	100	
28 X 150	28	150	
28 X 200	28	200	

BUTTERFLY PLATE



Size (mm)	Thickness (mm)	Length (mm)	Weight (kg)
25 X 230	25	230	4.5
25 X 300	25	300	6.5
25 X 350	25	350	8.4
25 X 400	25	400	10.0
25 X 500	25	500	11.0

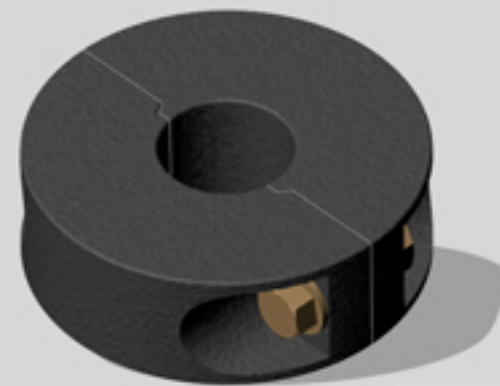
STEEL BAR



Size (m/m)	A	B	W / A (kg)	W / W (kg)
300	510	430	7.40	7.40
350	565	475	8.10	8.10
440	640	560	9.40	9.40
530	735	645	10.65	10.65

- W / A : Weight in Air
- W / W : Weight in Water
- D = 50 mm
- Hole Diameter = 40 mm

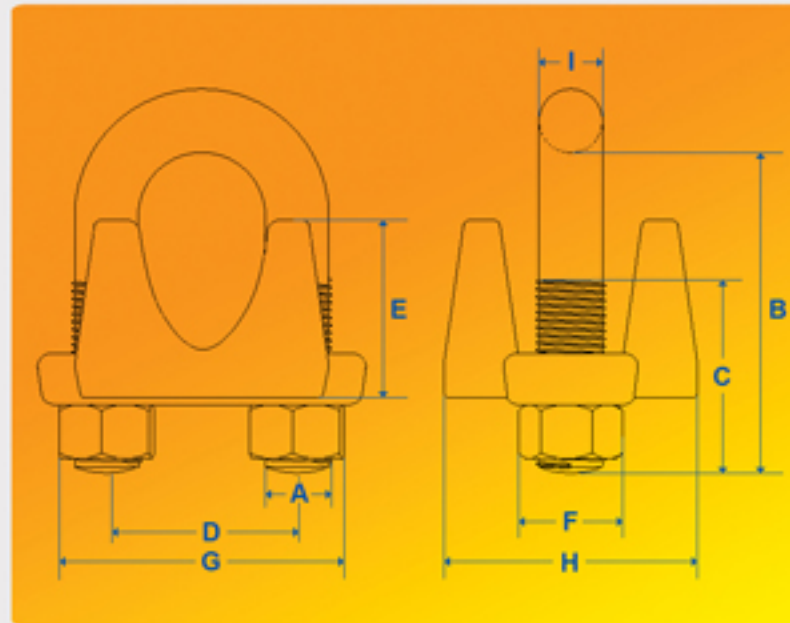
IRON SINKER



Size (kg)	Weight / A (kg)	Weight / W (kg)	Hole Dia (m/m)
1.0	1.0	0.87	
1.5	1.5	1.31	
2.5	2.5	2.18	
3.0 (S)	3.0	2.61	120
5.5 (S)	5.5	4.79	150

- S : Separate Type

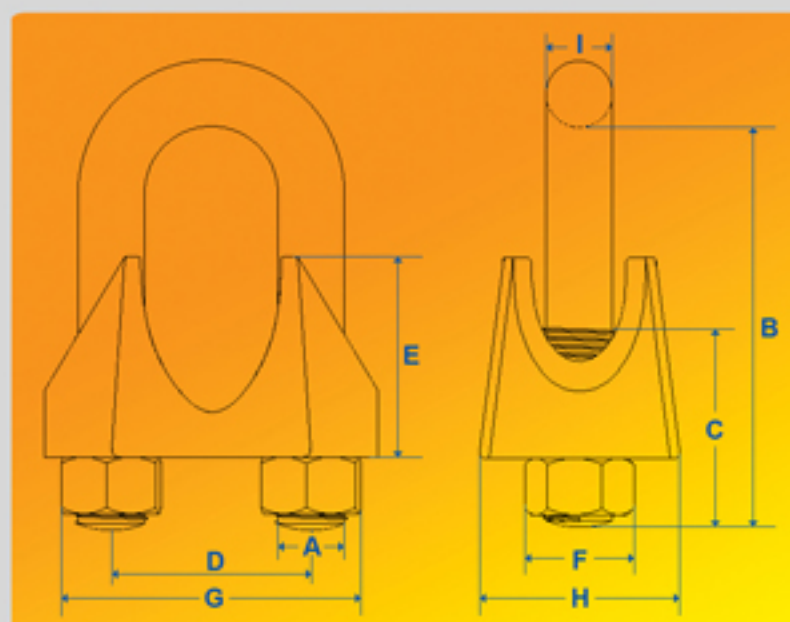
WIRE ROPE CLIP



Size (mm)	Dimensions (mm)									Weight (kg)
	A	B	C	D	E	F	G	H	I	
1/2"	1/2" x 12	48	27	30	26	22	56	45.8	11	0.4
5/8"	9/16" x 12	58	30	33	32.5	24	63	51.6	12.7	0.5
3/4"	5/8" x 11	74	37	38	38.5	27	71	58.8	14.2	0.6
7/8"	3/4" x 10	80	43	44.5	45	27	84.5	69.4	17	1.0
1"	3/4" x 10	89	46	47	46	27	87	72.4	17	1.2
1-1/8"	3/4" x 10	99	51	51	50	27	91	76.4	17	1.3
1-1/4"	7/8" x 9	108	54	59	54	32	104	81.4	20	2.0
1-3/8"	7/8" x 9	118	60	60.5	60	32	105.5	83	20	2.0
1-1/2"	7/8" x 9	125	62	64	63	32	109	86.9	20	2.5
1-3/4"	1-1/8" x 7	149	82.8	77.5	73	43	133.5	101	26	4.2
2"	1-1/4" x 7	165	88.8	86	81	46	150	112.6	29	5.9

● Forged Steel

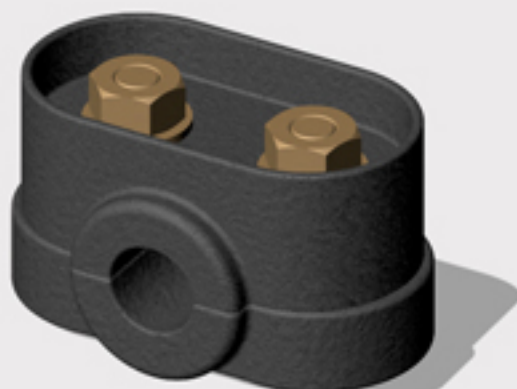
SUS WIRE ROPE CLIP



Size (mm)	Dimensions (mm)									Weight (kg)
	A	B	C	D	E	F	G	H	I	
1/8"	3/16" x 24	20	14	11.4	10	8	22	12.5	4	15
3/16"	1/4" x 20	25	15	15	13.5	11	27	14	5.2	32
1/4"	5/16" x 18	30	17	16.4	16	12.5	31	16	6.8	55
5/16"	5/16" x 18	33	19	20.6	19	12.5	35	19	6.8	65
3/8"	3/8" x 18	39	20	23.6	21	14.0	40.5	22	8.2	110
1/2"	M12 x 1.75	50	25	36.5	26	18.8	46.5	28	10.7	210
5/8"	1/2" x 12	57	34	31.5	30	18.8	52	33	11	260
3/4"	M14 x 2.0	66	37	34.5	36	21.8	60	40	12.7	430

● Cast Stainless Steel

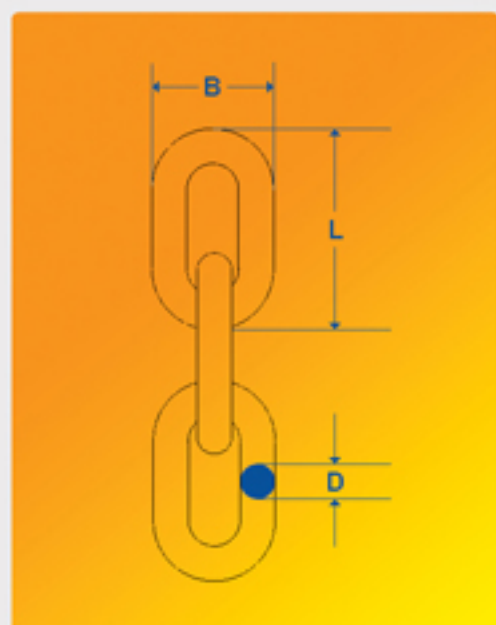
WIRE CLIP



Size (mm)	Weight / A (kg)	Weight / W (kg)
16	0.88	0.75
18	1.09	0.92
20	1.53	1.32
22	1.53	1.32
24	1.53	1.32
26	1.86	1.61

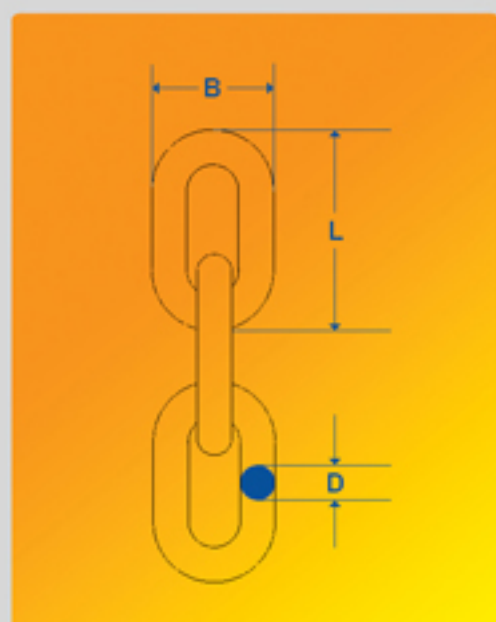
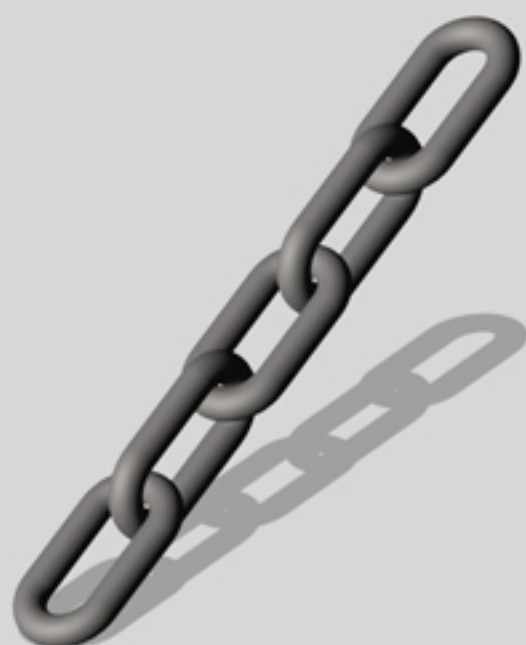
MEMO

SHORT LINK CHAIN



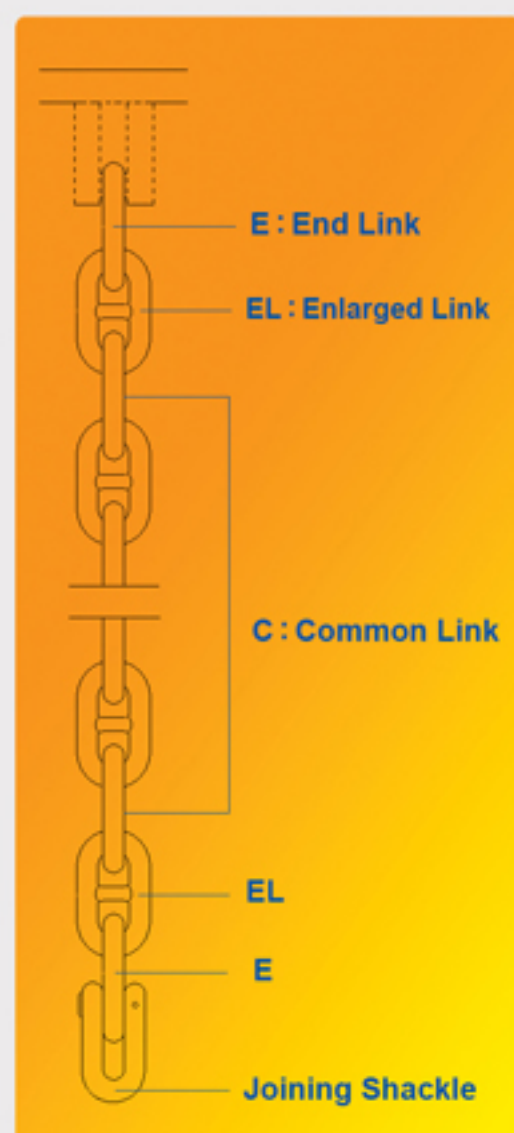
DIA (mm)	L	B	S.W.L (ton)		Proof Load (ton)		Weight (kg)
			SH1	SH2	SH1	SH2	
6	36	21	0.27		0.68		0.78
8	45	28	0.48		1.20		1.38
9	48	32	0.61		1.52		1.75
11	55	39	0.91		2.27		2.61
13	65	46	1.27	1.55	3.18	3.87	3.64
16	80	56	1.92	2.36	4.81	5.86	5.51
19	95	67	2.72	3.32	6.79	8.27	7.77
22	110	77	3.64	4.45	9.10	11.08	10.41
25	125	88	4.70	5.75	11.75	14.31	13.44
28	140	98	5.90	7.21	14.74	17.95	16.86
30	150	105	6.77	8.28	16.92	20.61	19.35
32	160	112	7.70	9.42	19.25	23.45	22.02
34	170	119	8.69	10.64	21.73	26.47	24.86
36	180	126	9.74	11.92	24.36	29.68	27.87
38	190	133	10.86	13.28	27.15	33.07	31.05
40	200	140	12.03	14.72	30.08	36.64	34.40
42	210	147	13.26	16.23	33.16	40.40	37.93
44	220	154	14.56	17.81	36.40	44.33	41.63
46	230	161	15.91	19.47	39.78	48.47	45.50
48	240	168	17.33	21.20	43.32	52.76	49.54
50	250	175	18.80	23.00	47.00	57.25	53.75

LONG LINK CHAIN



DIA (mm)	L	B	S.W.L (ton)		Proof Load (ton)		Weight (kg)
			SH1	SH2	SH1	SH2	
6	36	21	0.27		0.68		0.71
8	48	28	0.48		1.20		1.25
9	54	32	0.61		1.52		1.58
11	66	39	0.91		2.27		2.36
13	78	46	1.27	1.55	3.18	3.87	3.30
16	96	56	1.92	2.36	4.81	5.86	5.00
19	114	67	2.72	3.32	6.79	8.27	7.04
22	132	77	3.64	4.45	9.10	11.08	9.44
25	150	88	4.70	5.75	11.75	14.31	12.09
28	168	98	5.90	7.21	14.74	17.95	15.29
30	180	105	6.77	8.28	16.92	20.61	17.55
32	192	112	7.70	9.42	19.25	23.45	19.97
34	204	119	8.69	10.64	21.73	26.47	22.55
36	216	126	9.74	11.92	24.36	29.68	25.28
38	228	133	10.86	13.28	27.15	33.07	28.16
40	240	140	12.03	14.72	30.08	36.64	31.20
42	252	147	13.26	16.23	33.16	40.40	34.40
44	264	154	14.56	17.81	36.40	44.33	37.76
46	276	161	15.91	19.47	39.78	48.47	41.27
48	288	168	17.33	21.20	43.32	52.76	44.93
50	300	175	18.80	23.00	47.00	57.25	48.75

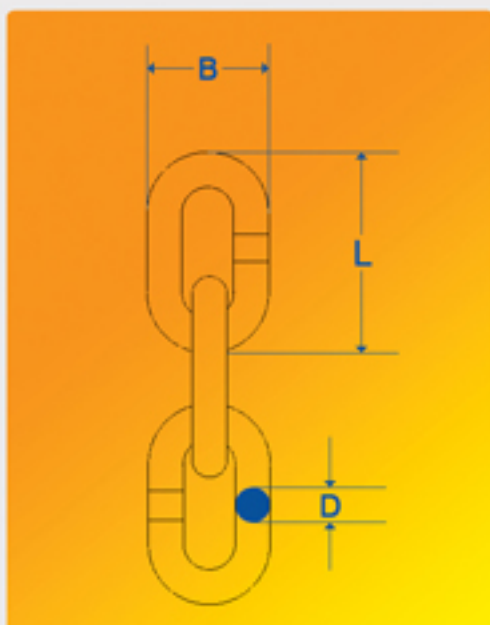
ANCHOR CHAIN



Size (mm)	Common Link		Grade 2		Grade 3		Weight (kg)				
	Length(mm)	Width(mm)	PTL	BTL	PTL	BTL	1m	27.5m	C	EL	E
12.5	75	45	6.7	9.4	9.4	13.6	3.422	94	0.18	0.28	0.31
16	96	58	10.9	15.3	15.3	21.8	5.606	154	0.40	0.48	0.59
17.5	105	63	13.1	18.3	18.3	26.2	6.707	184	0.48	0.66	0.71
19	114	68	15.3	21.5	21.5	30.7	7.906	217	0.66	0.77	0.92
20.5	123	74	17.8	24.9	24.9	35.6	9.203	253	0.77	0.95	1.17
22	132	79	20.4	28.6	28.6	40.8	10.60	291	0.95	1.28	1.49
24	144	86	24.2	33.9	33.9	48.4	12.61	347	1.28	1.65	1.81
26	156	94	28.3	39.7	39.7	56.7	14.80	407	1.65	2.04	2.55
28	168	101	32.7	45.8	45.8	65.5	17.17	472	2.04	2.48	3.01
30	180	108	37.5	52.4	52.4	75.0	19.71	542	2.48	3.60	3.80
32	192	115	42.5	59.4	59.4	85.0	22.43	617	3.04	4.32	4.63
34	204	122	47.7	66.8	66.8	95.5	25.32	696	3.60	5.10	5.46
36	216	130	53.3	74.6	74.6	107	28.38	781	4.32	6.05	6.50
38	228	137	59.2	82.8	82.8	118	31.62	870	5.10	6.86	8.03
40	240	144	65.3	91.4	91.4	131	35.04	964	6.05	7.70	9.09
42	252	151	71.7	100	100	144	38.63	1062	6.86	9.10	10.4
44	264	158	78.4	110	110	157	42.40	1166	7.70	10.3	11.8
46	276	166	85.3	119	119	170	46.34	1274	9.10	11.4	14.2
48	288	173	92.6	130	130	185	50.46	1388	10.3	14.5	15.9
50	300	180	100	140	140	200	54.75	1506	11.4	16.2	17.7
52	312	187	108	150	150	215	59.20	1628	12.9	18.0	19.6
54	324	194	116	162	162	232	63.90	1756	14.5	19.4	21.8
56	336	202	124	173	173	247	68.70	1889	16.2	21.5	25.3
58	348	209	132	185	185	265	73.70	2026	18.0	23.6	27.7
60	360	216	141	197	197	282	78.8	2168	19.4	26.3	31.1
62	372	223	150	210	210	300	84.2	2315	21.5	28.8	32.1
64	384	230	159	222	222	318	89.7	2467	23.6	31.5	35.8
66	396	238	169	236	236	337	95.4	2623	26.3	35.0	42.4
68	408	245	178	250	250	356	101.3	2785	28.8	39.2	43.6
70	420	252	188	263	263	376	107.3	2951	31.5	43.1	48.7
73	438	263	203	285	285	406	116.7	3209	35.0	47.5	54.4
76	456	274	219	306	306	438	126.5	3479	39.2	53.6	63.2
78	468	281	230	321	321	459	133.2	3664	43.1	59.9	69.0
81	486	292	246	344	344	492	143.7	3951	47.5	66.0	74.5
84	504	302	263	368	368	526	154.5	4249	53.6	69.0	81.9
87	522	313	280	392	392	561	165.8	4558	59.9	81.1	93.4
90	540	324	298	417	417	596	177.4	4878	66.0	88.0	100
92	552	331	310	434	434	621	185.4	5097	69.0	97.5	110
95	570	342	329	459	459	656	197.6	5435	76.0	101	120
98	588	353	347	486	486	694	210.3	5784	81.1	107	129
100	600	360	360	504	504	721	219.0	6023	88.0	120	139
102	612	367	373	522	522	746	227.8	6266	97.5	122	147
105	630	378	393	549	549	785	241.4	6640	101	130	164
108	648	389	412	577	577	825	255.4	7025	107	139	175
111	666	400	433	605	605	865	269.8	7420	120	161	186
114	684	410	453	634	634	907	284.6	7827	130	168	206
117	702	421	474	663	663	948	299.8	8244	139	208	227
120	720	432	495	693	693	991	315.4	8672	148	217	249
122	732	439	510	714	714	1019	326.0	8964	161	242	253

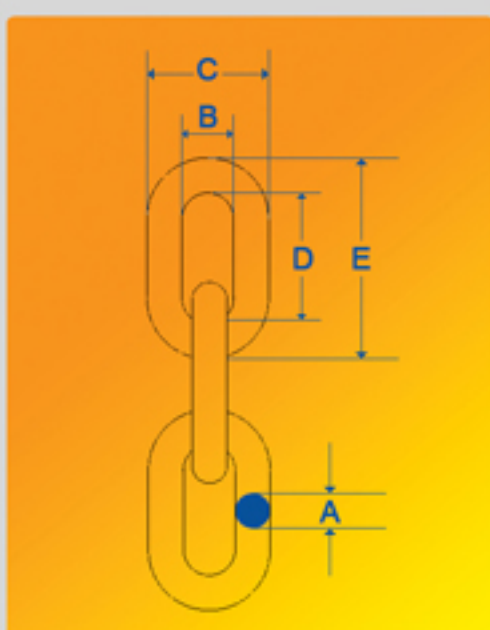
● PTL : Proof Testing Load.(ton) / BTL : Breaking Testing Load.(ton)

TRAWLEX CHAIN (Grade 100 Chain)



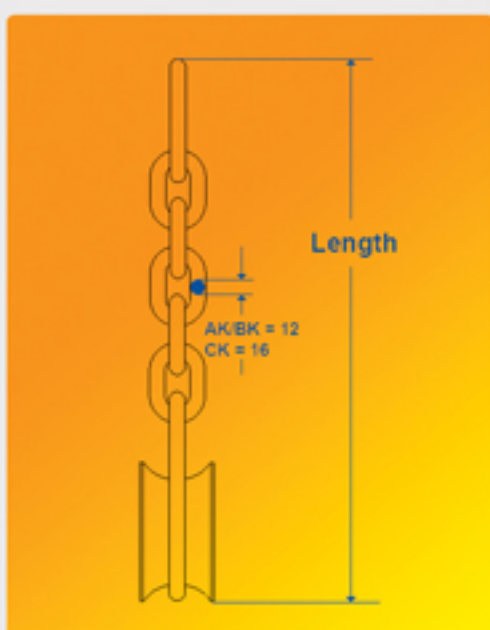
Size (mm)	Dimensions (mm)		Breaking Load (m)	Weight (kg)
	L	B		
9	53	15	12.5	1.36
11	63	18	18.5	2.03
13	80	22	26.5	2.83
16	100	26	40	4.34
19	100	27	57	6.31
22	120	37	75	8.74
28	150	46	105	14.41

STAINLESS STEEL CHAIN



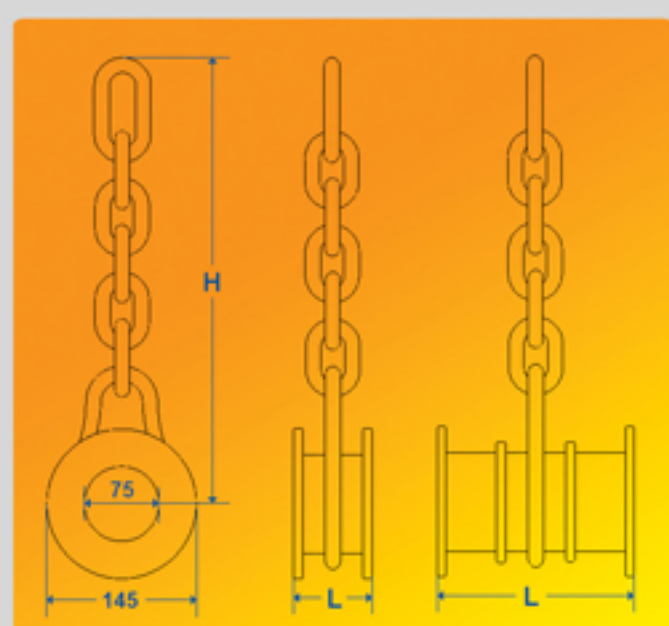
Size (mm)	Dimensions (mm)					Weight (kg/m)
	A	B	C	D	E	
3	3	5	11	20	26	0.15
4	4	7	15	22	30	0.29
5	5	8	18	24	34	0.47
6	6	10	22	28	40	0.68
7	7	12	26	31	45	0.95
8	8	14	30	35	51	1.25
9	9	15	33	39	57	1.58
12	12	19	43	48	72	2.88

HANGING CHAIN - PIPE TYPE



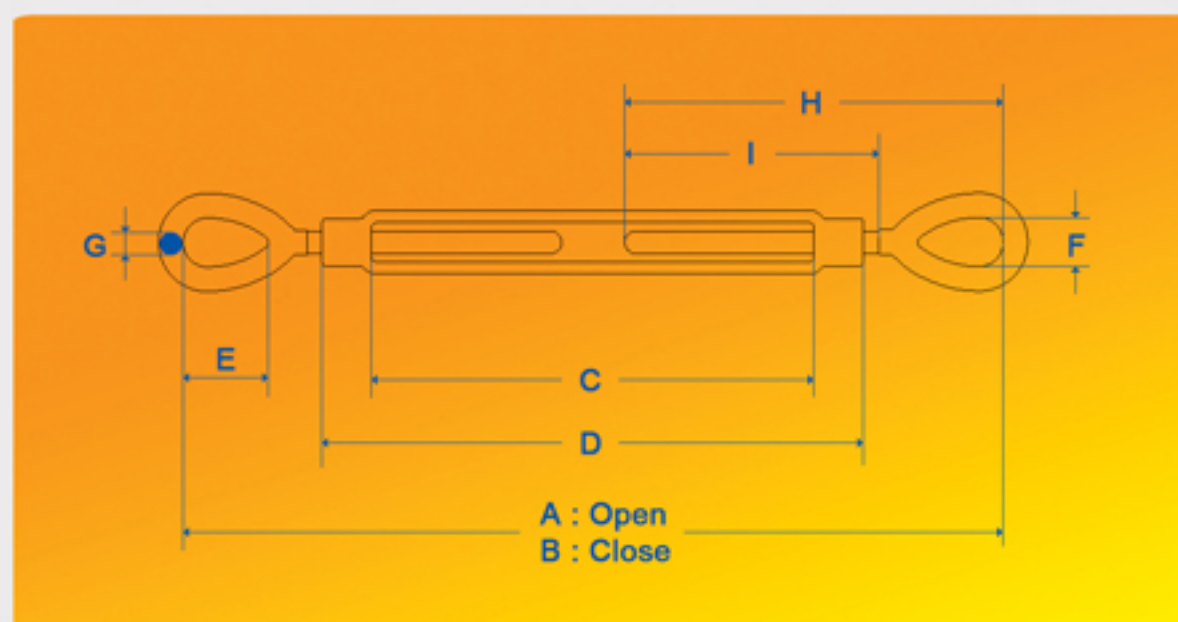
Code	Size (mm)	Length (mm)	Weight / A (Kg)	Weight / W (kg)
AK-1 / BK-1	12 X 1L	195	0.65	0.57
CK-1	16 X 1L			
AK-3 / BK-3	12 X 3L	268	0.80	0.70
CK-3	16 X 3L			
AK-5 / BK-5	12 X 5L	367	1.05	0.91
CK-5	16 X 5L			
AK-7 / BK-7	12 X 7L	460	1.40	1.21
CK-7	16 X 7L			

HANGING CHAIN - WEIGHT TYPE



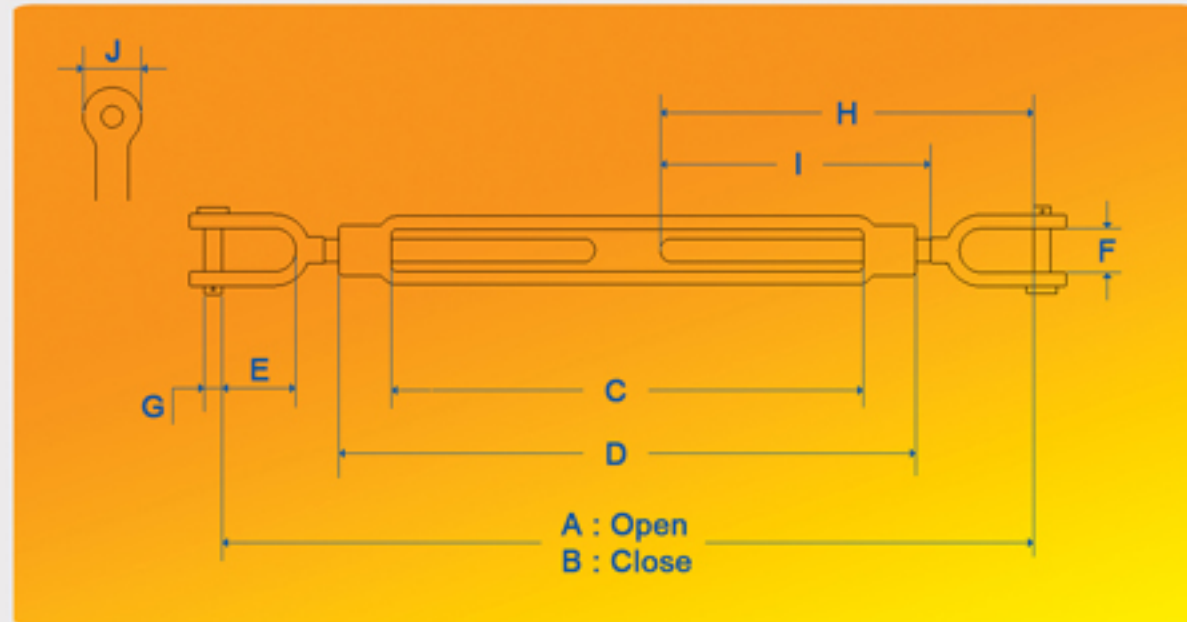
Code	H (mm)	L (mm)	Weight / A (Kg)	Weight / W (kg)
A1-75	342	75	4.20	3.65
A2-75	269	75	4.07	3.54
B1-200	340	200	9.70	8.44
B2-200	266	200	9.57	8.33
B1-300	340	300	11.90	10.35
B2-300	266	300	11.19	9.74

TURNBUCKLE EYE & EYE



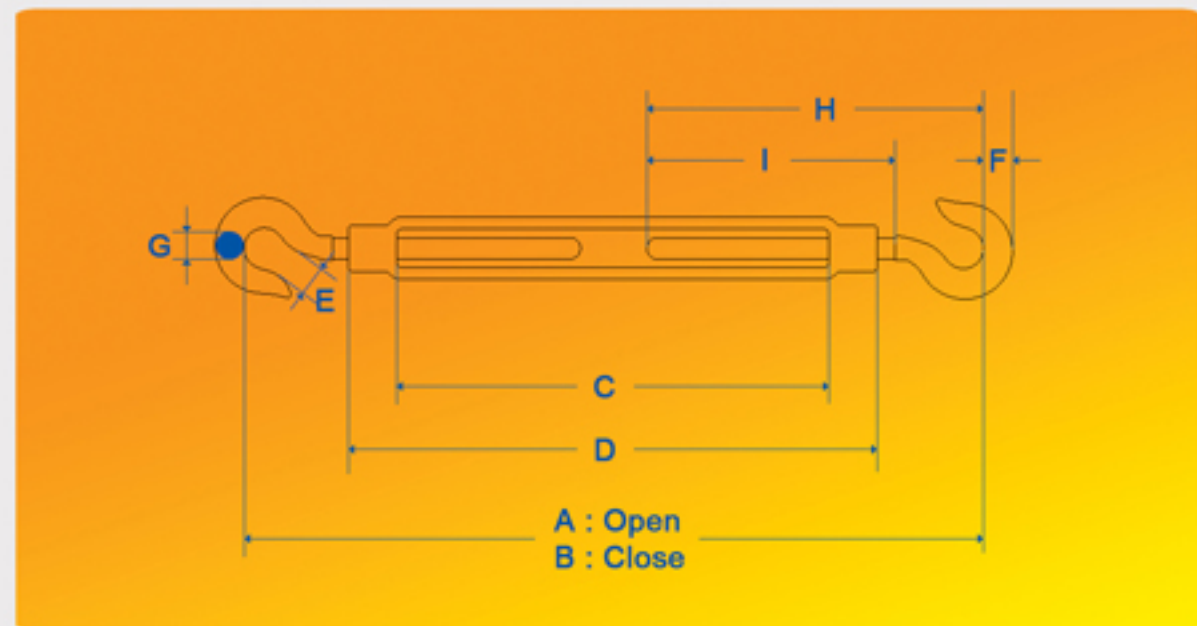
Size (in.)	Dimensions (mm)									S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G	H	I		
3/8"X6	443.8	291.3	152.4	180.8	28.4	13.5	8.6	145.8	96.5	0.54	0.3
1/2"X6	510.0	332.2	152.4	190.5	36.1	18.3	11.2	166.1	102.9	1.00	0.5
1/2"X9	662.4	408.4	228.6	266.7	36.1	18.3	11.2	204.2	141.0	1.00	0.7
1/2"X12	814.8	484.6	304.8	342.9	36.1	18.3	11.2	242.3	179.1	1.00	1.0
5/8"X6	557.0	372.9	152.4	200.2	45.7	22.4	12.7	186.4	109.2	1.59	1.3
5/8"X9	709.4	449.1	228.6	276.4	45.7	22.4	12.7	224.5	147.3	1.59	1.5
5/8"X12	861.8	525.3	304.8	352.6	45.7	22.4	12.7	262.6	185.4	1.59	1.6
3/4"X6	606.5	416.1	152.4	209.6	53.1	25.4	15.7	208.1	115.6	2.36	1.7
3/4"X9	759.0	492.3	228.6	285.8	53.1	25.4	15.7	246.1	153.7	2.36	2.1
3/4"X12	911.4	568.5	304.8	362.0	53.1	25.4	15.7	284.2	191.8	2.36	2.5
3/4"X18	1216.1	720.9	457.2	514.4	53.1	25.4	15.7	360.4	268.0	2.36	3.3
7/8"X12	941.6	592.3	304.8	371.3	60.5	31.8	19.1	296.2	198.1	3.27	3.3
7/8"X18	1246.4	744.7	457.2	523.7	60.5	31.8	19.1	372.4	274.3	3.27	4.5
1"X6	710.4	507.2	152.4	228.6	76.2	36.6	22.4	253.5	128.3	4.54	4.1
1"X12	1015.2	659.6	304.8	381.0	76.2	36.6	22.4	329.7	204.5	4.54	5.2
1"X18	1320.0	812.0	457.2	533.4	76.2	36.6	22.4	405.9	280.7	4.54	6.4
1"X24	1624.8	964.4	609.6	685.8	76.2	36.6	22.4	482.1	356.9	4.54	7.8
1-1/4"X12	1087.4	719.1	304.8	384.0	90.4	46.0	28.4	360.0	210.3	6.90	8.6
1-1/4"X18	1392.2	817.5	457.2	536.4	90.4	46.0	28.4	435.9	286.5	6.90	10.4
1-1/4"X24	1697.0	1023.9	609.6	688.8	90.4	46.0	28.4	512.1	362.7	6.90	12.3
1-1/2"X12	1155.7	774.7	304.8	400.1	103.1	53.8	31.8	387.4	221.5	9.72	12.5
1-1/2"X18	1460.5	927.1	457.2	552.5	103.1	53.8	31.8	463.6	297.7	9.72	14.1
1-1/2"X24	1765.3	1079.5	609.6	704.9	103.1	53.8	31.8	540.0	373.9	9.72	17.0
1-3/4"X18	1457.5	1000.3	457.2	568.5	117.3	60.5	38.1	500.1	308.9	12.71	23.8
1-3/4"X24	1762.2	1152.7	609.6	720.9	117.3	60.5	38.1	576.3	385.1	12.71	26.3
2"X24	1922.5	1312.9	609.6	736.6	146.1	68.3	44.5	656.3	396.0	16.80	38.7
2-1/2"X24	1997.0	1387.3	609.6	788.9	165.1	79.2	50.8	693.7	436.9	27.24	65.5
2-3/4"X24	2057.4	1447.8	609.6	788.9	177.8	82.6	57.2	723.9	440.2	34.05	88.1

TURNBUCKLE JAW & JAW



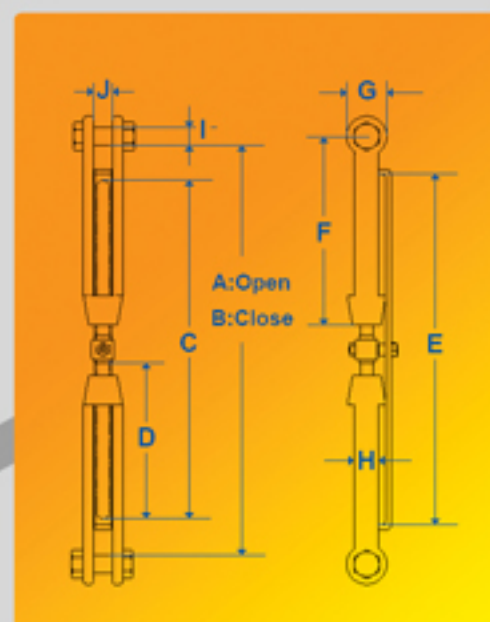
Size (in.)	Dimensions (mm)										S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G	H	I	J		
3/8"X6	410.0	257.6	152.4	180.8	22.1	12.7	7.9	145.8	96.5	20.6	0.54	0.4
1/2"X6	510.0	332.2	152.4	190.5	26.9	15.8	9.7	146.1	102.9	25.4	1.00	0.7
1/2"X9	622.3	368.3	228.6	266.7	26.9	15.8	9.7	184.2	141.0	25.4	1.00	0.8
1/2"X12	774.7	444.5	304.8	342.9	26.9	15.8	9.7	222.3	179.1	25.4	1.00	1.1
5/8"X6	509.3	325.1	152.4	200.2	33.3	19.0	12.7	162.6	109.2	33.3	1.59	1.2
5/8"X9	661.7	401.3	228.6	276.4	33.3	19.0	12.7	200.7	147.3	33.3	1.59	1.6
5/8"X12	814.1	477.5	304.8	352.6	33.3	19.0	12.7	238.8	185.4	33.3	1.59	1.8
3/4"X6	546.1	355.6	152.4	209.6	38.1	23.8	15.7	177.8	115.6	41.1	2.36	1.9
3/4"X9	698.5	431.8	228.6	285.8	38.1	23.8	15.7	215.9	153.7	41.1	2.36	2.5
3/4"X12	850.9	508.0	304.8	362.0	38.1	23.8	15.7	254.0	191.8	41.1	2.36	2.9
3/4"X18	1155.7	660.4	457.2	514.4	38.1	23.8	15.7	330.2	268.0	41.1	2.36	3.7
7/8"X12	891.8	542.5	304.8	371.3	44.5	28.5	19.1	271.3	198.1	47.8	3.27	3.7
7/8"X18	1196.6	694.9	457.2	523.7	44.5	28.5	19.1	347.5	274.3	47.8	3.27	4.9
1"X6	627.9	424.7	152.4	228.6	52.3	30.1	22.4	212.3	128.3	53.8	4.54	4.6
1"X12	932.7	577.1	304.8	381.0	52.3	30.1	22.4	288.5	204.5	53.8	4.54	5.7
1"X18	1237.5	729.5	457.2	533.4	52.3	30.1	22.4	364.7	280.7	53.8	4.54	6.9
1"X24	1542.3	881.9	609.6	685.8	52.3	30.1	22.4	440.9	356.9	53.8	4.54	8.2
1-1/4"X12	1011.9	643.6	304.8	384.0	71.4	44.4	28.4	321.8	210.3	66.5	6.90	9.3
1-1/4"X18	1316.7	796.0	457.2	536.4	71.4	44.4	28.4	398.0	286.5	66.5	6.90	11.2
1-1/4"X24	1621.5	948.4	609.6	688.8	71.4	44.4	28.4	474.2	362.7	66.5	6.90	12.8
1-1/2"X12	1054.1	673.1	304.8	400.1	71.4	52.3	35.1	336.6	221.5	79.2	9.72	13.9
1-1/2"X18	1358.9	825.5	457.2	552.5	71.4	52.3	35.1	412.8	297.7	79.2	9.72	16.7
1-1/2"X24	1663.7	977.9	609.6	704.9	71.4	52.3	35.1	489.0	373.9	79.2	9.72	18.5
1-3/4"X18	1355.9	898.7	457.2	568.5	85.9	60.3	41.1	449.3	308.9	88.9	12.71	24.5
1-3/4"X24	1660.7	1051.1	609.6	720.9	85.9	60.3	41.1	525.5	385.1	88.9	12.71	28.8
2"X24	1766.3	1156.7	609.6	736.6	93.7	63.5	50.8	578.4	396.0	106.4	16.80	42.8
2-1/2"X24	1853.7	1244.1	609.6	788.9	112.8	66.6	57.2	622.0	436.9	142.7	27.24	74.9
2-3/4"X24	1898.7	1289.1	609.6	788.9	112.8	73.0	69.9	644.5	440.2	155.4	34.05	89.9

TURNBUCKLE HOOK & HOOK



Size (in.)	Dimensions (mm)									S.W.L (ton)	Weight (kg)
	A	B	C	D	E	F	G	H	I		
5/8"X6	520.7	336.6	152.4	200.2	22.9	25.4	16.0	168.3	109.2	1.02	1.2
5/8"X9	673.1	412.8	228.6	276.4	22.9	25.4	16.0	206.4	147.3	1.02	1.5
5/8"X12	825.5	489.0	304.8	352.6	22.9	25.4	16.0	244.5	185.4	1.02	1.6
3/4"X6	568.5	378.0	152.4	209.6	24.9	30.5	19.1	189.0	115.6	1.36	1.8
3/4"X9	720.9	454.2	228.6	285.8	24.9	30.5	19.1	227.1	153.7	1.36	2.4
3/4"X12	873.3	530.4	304.8	362.0	24.9	30.5	19.1	265.2	191.8	1.36	2.5
3/4"X18	1178.1	682.8	457.2	514.4	24.9	30.5	19.1	341.4	268.0	1.36	3.7
7/8"X12	914.4	565.2	304.8	371.3	28.7	35.1	22.4	282.6	198.1	1.82	3.7
7/8"X18	1219.2	717.6	457.2	523.7	28.7	35.1	22.4	358.8	274.3	1.82	4.5
1"X6	651.0	447.8	152.4	228.6	31.8	38.9	25.4	223.9	128.3	2.27	4.2
1"X12	955.8	600.2	304.8	381.0	31.8	38.9	25.4	300.1	204.5	2.27	5.4
1"X18	1260.6	752.6	457.2	533.4	31.8	38.9	25.4	376.3	280.7	2.27	6.4
1"X24	1565.4	905.0	609.6	685.8	31.8	38.9	25.4	452.5	356.9	2.27	7.8
1-1/4"X12	1027.2	658.9	304.8	384.0	38.1	46.0	31.8	329.4	210.3	2.95	9.3
1-1/4"X18	1332.0	811.3	457.2	536.4	38.1	46.0	31.8	405.6	286.5	2.95	10.4
1-1/4"X24	1637.8	963.7	609.6	688.8	38.1	46.0	31.8	481.8	362.7	2.95	12.3

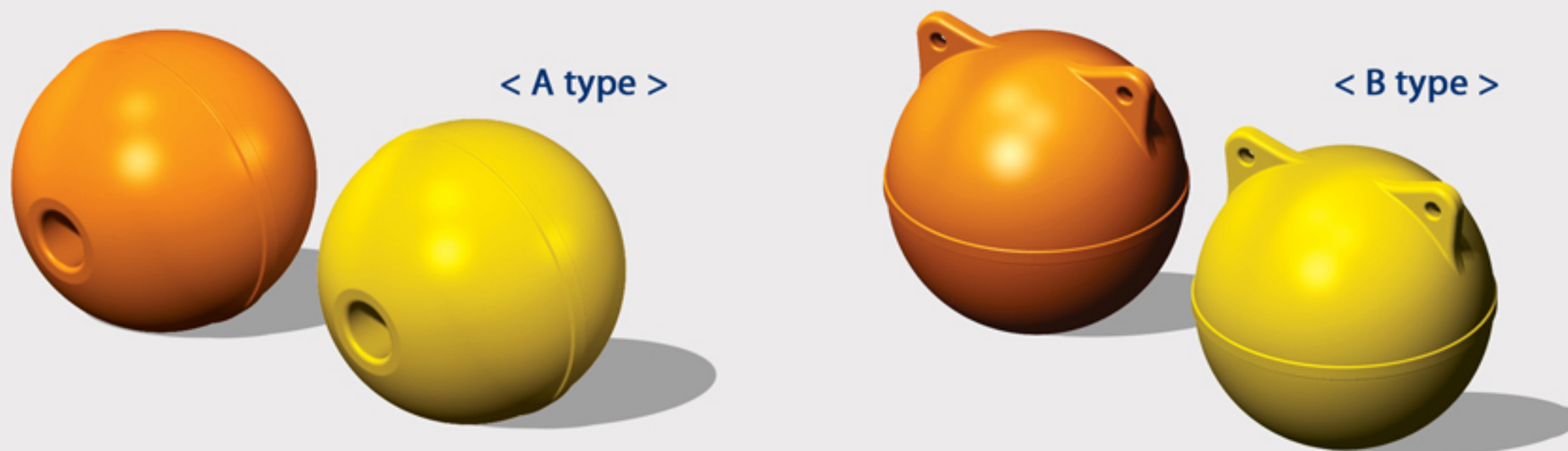
RIGGING SCREW



Size	Dimensions (mm)										S.W.L (ton)
	A	B	C	D	E	F	G	H	I	J	
# 14	688	464	350	151	356	220	50	30	22	30	2.1
# 16	756	512	380	166	386	245	58	35	24	34	2.6
# 18	820	560	420	180	425	265	64	38	27	37	3.3
# 22	892	608	450	196	456	290	70	42	27	40	5.1
# 24	952	656	480	206	486	310	76	45	30	44	5.9
# 25	987	685	500	215	506	325	82	48	33	47	6.9
# 30	1083	769	540	230	546	365	96	55	39	54	9.2

- Forged carbon steel = #14 ~ #22
- Cast alloy steel = #24 ~ #30

FLOATS



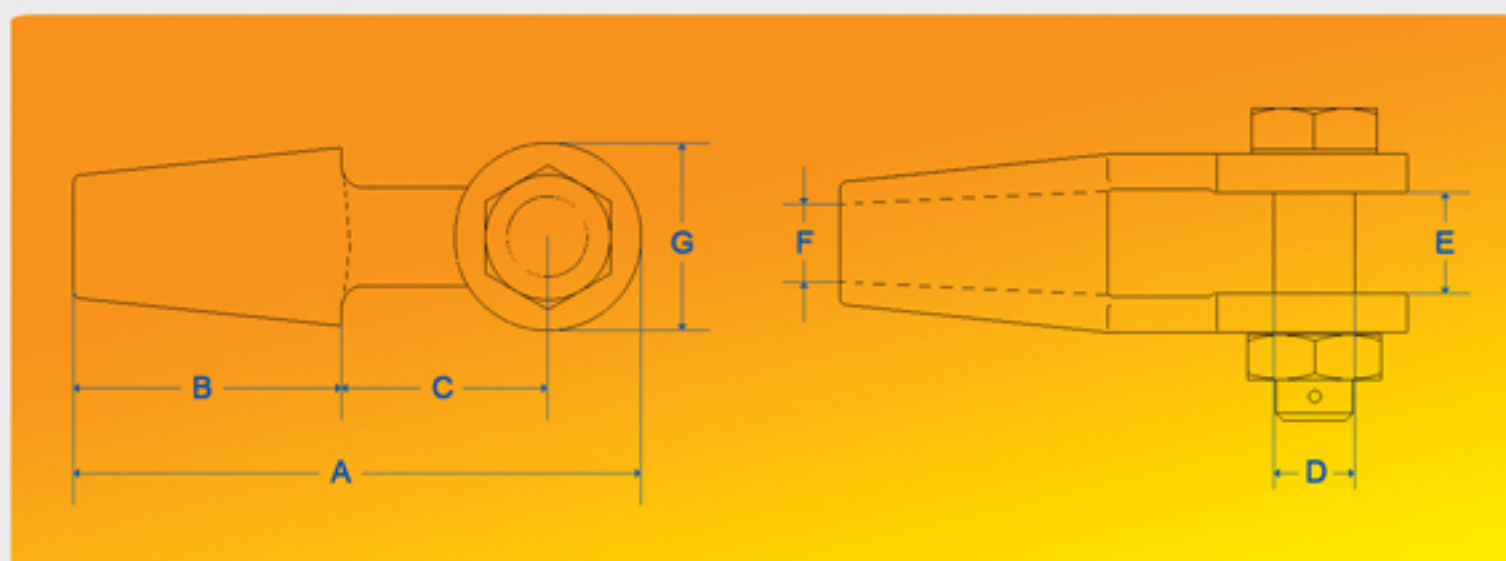
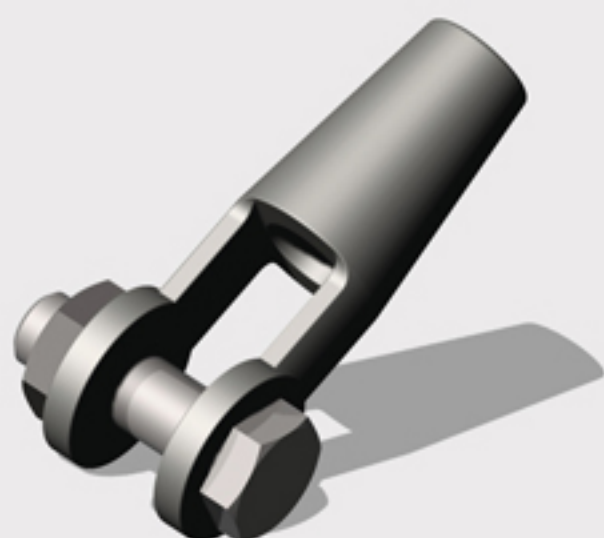
A TYPE (EYE TYPE)

SIZE (mm)	DIA. (mm)	DEPTH / W (m)	COLOR	WEIGHT / A (kg)	BUOYANCY (kg)
150	150	800	IVORY	0.55	1.22
180	180	300	IVORY	0.55	2.50
210	210	200	IVORY	0.80	4.10
210	210	300	IVORY	0.90	4.00
210	210	500	ORANGE	1.10	3.90
240	240	200	YELLOW	1.18	6.10
240	240	300	YELLOW	1.35	5.90
240	240	500	ORANGE	1.69	5.55
240	240	800	IVORY	2.10	5.20
270	270	200	YELLOW	1.55	8.70
270	270	300	YELLOW	1.70	8.58
270	270	800	ORANGE	3.00	7.21
300	300	200	YELLOW	1.99	12.15
300	300	300	YELLOW	2.29	11.10
300	300	500	ORANGE	3.24	10.88
300	300	800	IVORY	3.98	10.16
300	300	1200	D.ORANGE	5.17	8.97
300	300	1500	YELLOW	5.81	8.33
360	360	500	ORANGE	5.00	19.11
360	360	800	IVORY	6.78	17.75
360	360	1200	D.ORANGE	8.78	15.65
360	360	1500	YELLOW	10.05	14.38
450	450	500	PINK	12.06	35.66
450	450	800	ORANGE	14.40	33.32

B TYPE (HOLE TYPE)

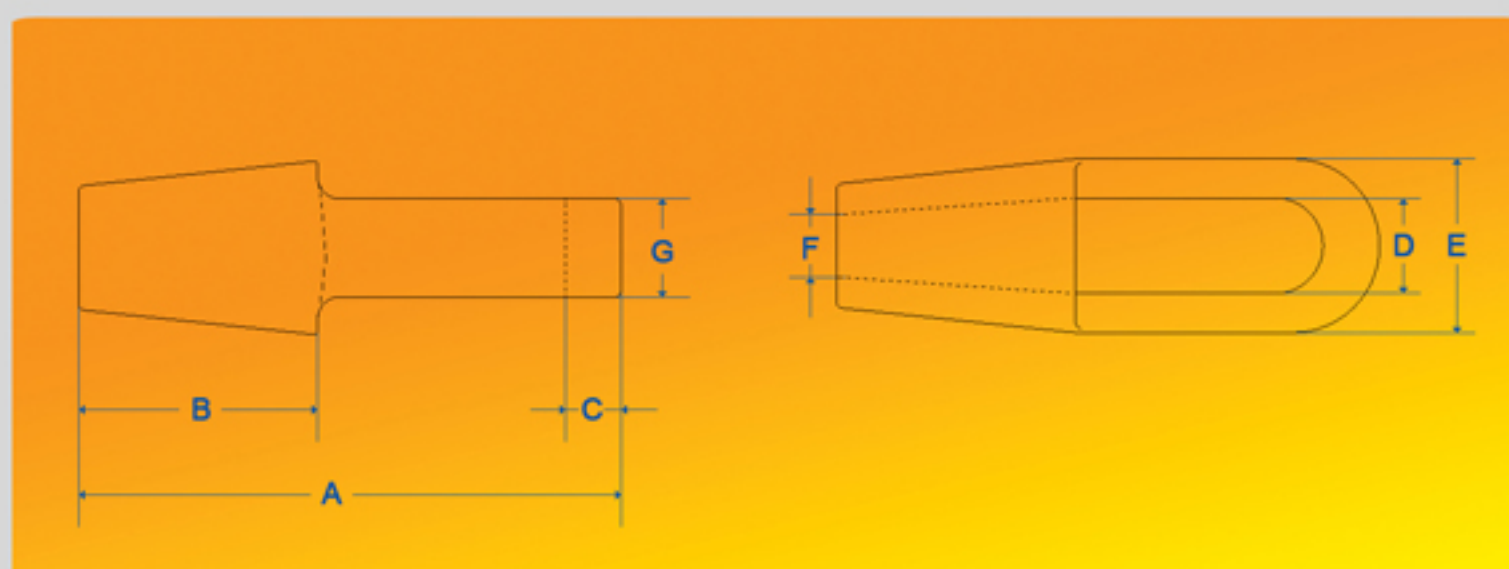
SIZE (mm)	DIA. (mm)	DEPTH / W (m)	COLOR	WEIGHT / A (kg)	BUOYANCY (kg)	HOLE DIA. (mm)
240B	240	500	ORANGE	1.53	4.84	1.22
	240	800	ORANGE	1.82	4.55	
	240	1200	D.ORANGE	2.76	3.93	
300B	300	800	ORANGE	4.68	9.46	4.00
	300	1200	D.ORANGE	6.08	7.79	
360B	360	800	ORANGE	7.35	17.08	6.10
	360	1200	D.ORANGE	10.50	13.50	
450B	450	800	ORANGE	14.26	33.40	5.55

OPEN SOCKET



Size (mm)	Dimensions (mm)							Weight (kg)
	A	B	C	D	E	F	G	
16	172.5	79.5	61	25	30	20	57	1.5
18	202	90	77	28	38	23	66	2.2
20	202	90	77	31	38	25	66	2.5
22	236.5	106	87	34	41	30	80	4.1
24	270	120	98	37	44.5	32	95	6.3
25	270	120	98	40	44.5	33	95	6.6
28	302	134	110	43	51	36	105	8.7
30	302	134	110	46	51	38	105	9.2
32	335	136	131	49	64	40	121	12.7
34	335	136	131	52	64	42	121	13.4
36	384	153	151	55	76	44	137	19.2
38	384	153	151	58	76	47	137	20.3

CLOSED SOCKET



Size (in.)	Dimensions (mm)							Weight (kg)
	A	B	C	D	E	F	G	
9/16" ~ 5/8"	163	79	20.5	35	67	18	25.5	1.1
3/4"	194	90	27	42	76	22	32	1.9
7/8"	227	106	35.5	47.5	92	25	38	3.3
1"	250	112	35	58	104	29	44.5	4.8
1-1/8"	284.5	133	39.5	63.5	114.5	32	51	6.5
1-1/4" ~ 1-3/8"	315	146	45	70	127	38.5	57	9.0
1-1/2"	354	150	49.5	81	137.5	42	60	13.2
1-5/8"	384	165	54	82.5	146	44.5	70	16.3
1-3/4" ~ 1-7/8"	438	190.5	55.5	95	171.5	51	76	26.0
2" ~ 2-1/8"	495.5	216	62	111	194	57	82.5	36.0
2-1/4" ~ 2-3/8"	536.5	228.5	67	127	216	63.5	92	48.0
2-1/2" ~ 2-5/8"	597	247.5	79	139.5	241.5	73	101.5	64.0
2-3/4" ~ 2-7/8"	644.5	279.5	79	158.5	273	79	124	100.0
3" ~ 3-1/8"	686	305	82.5	171.5	292	86	133.5	125.0

IRON NEEDLE



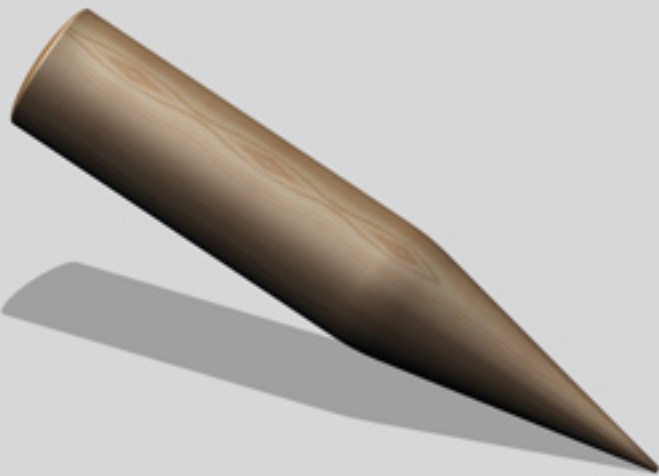
Size (m/m)	Length (m/m)	DIA (m/m)	Weight (kg)
180	180	9.0	0.08
250	250	9.0	0.11
330	330	13.0	0.32

NETTING NEEDLE



Size (mm)	Length (mm)
130	130
145	145
150	150
165	165
170	170
180	180
190	190
205	205
210	210
230	230
265	265
290	290
310	310

WOODEN SPIKE



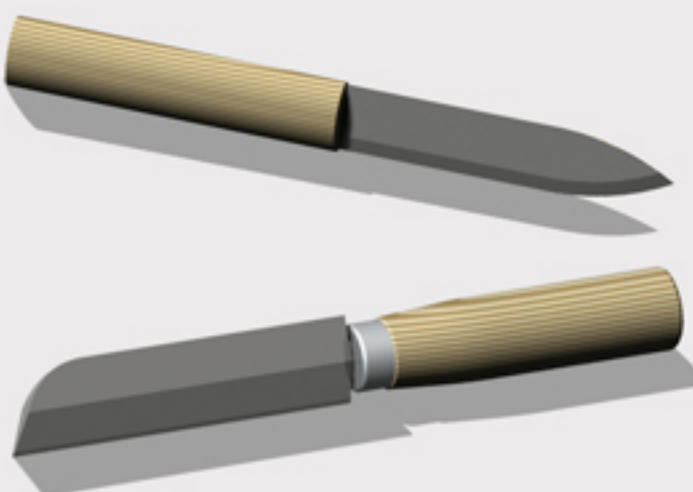
Size (m/m)	Length (m/m)	DIA (m/m)	Weight (kg)
350	350	50	0.5
400	400	60	0.8

IRON SPIKE



Size (m/m)	Length (m/m)	DIA (m/m)	Weight (kg)
300	300	16	0.6
350	350	19	0.7
400	400	24	1.0
450	450	27	1.4
500	500	30	2.0
600	600	30	2.5

KNIFE



Size (mm)	Length (mm)	Weight (g)
250	250	120
250	250	80

VICTORINOX KNIFE



Size (mm)	Length (mm)
180	180
190	190

BOX SPANNER - for Otter Boards



Size (mm)	Weight (kg)
41	4.6
50	5.6
58	6.0

BOX SPANNER - for Wire Clips



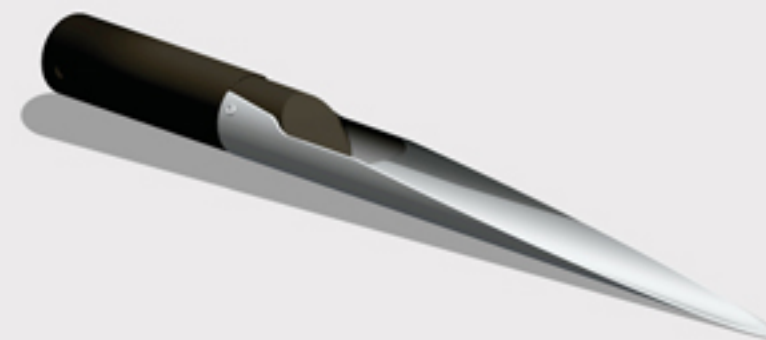
Size (mm)	Weight (kg)
17	0.47
21	0.85
26	0.87

CROCODILE SPANNER



Size (m/m)	Length (m/m)	Breadth (m/m)	Weight (kg)
300	300	55	1.0
400	400	60	1.2
500	500	78	2.3
600	600	78	2.8

SPLICING FID



Size (mm)	Length (mm)
285	285
305	305
385	385
406	406

HAMMER



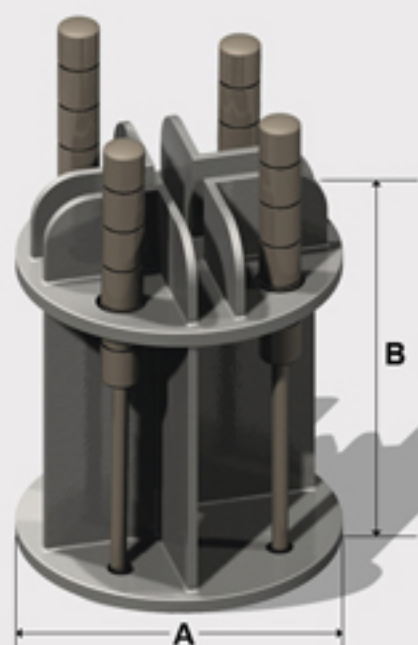
Size (mm)	Length (mm)	Weight (kg)
380	380	1.45
386	386	2.00

CHISEL HAMMER



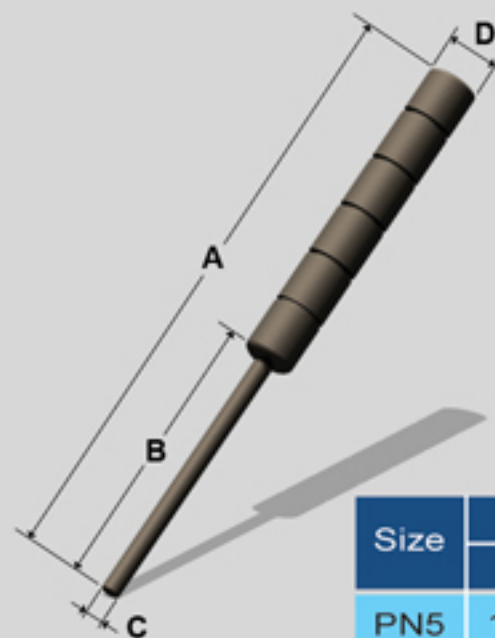
Size (m/m)	Length (m/m)	Breadth (m/m)	Weight (kg)	Handle
450	450	19	0.7	Wooden
900	900	45	1.7	Wooden
Use ice	400	24	1.0	Steel
Use Steel	450	27	1.4	Wooden
Use Steel	450	27	1.4	Wooden

PUNCH STANDS for COUPLING LINKS



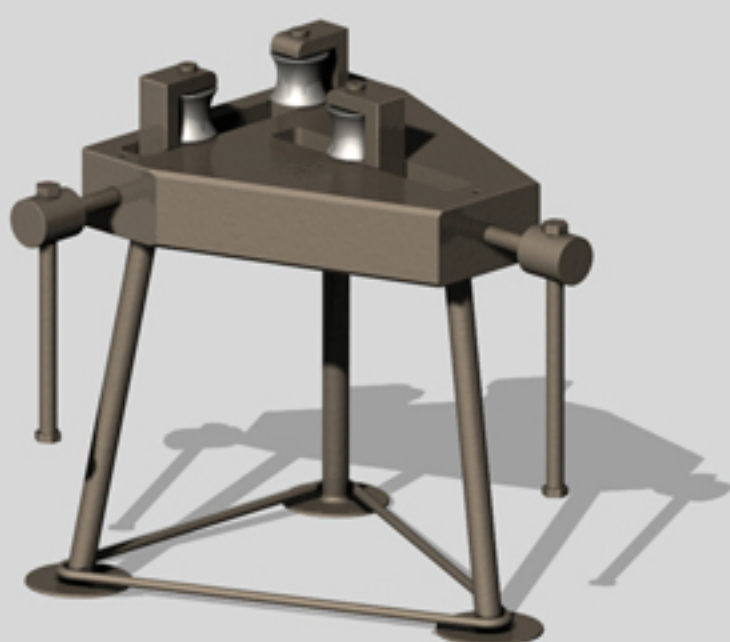
Size (m/m)	Dimensions (mm)		Weight (kg)
	A	B	
E600	160	170	6.8

PUNCH PINS



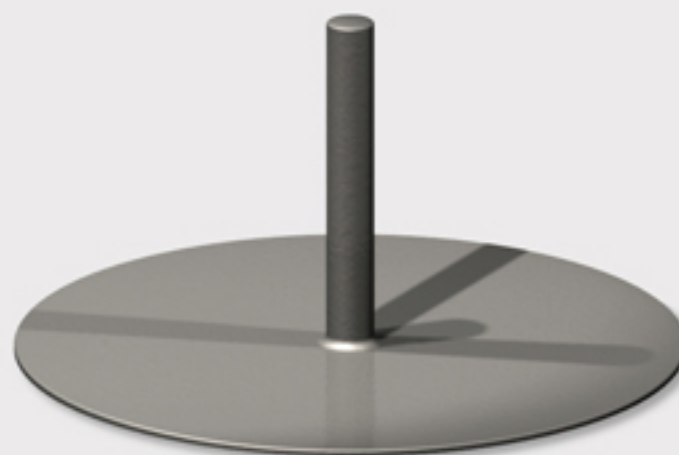
Size	Dimensions (mm)				Weight (kg)	For Coupling
	A	B	C	D		
PN5	150	45	5	10	0.10	7
PN7	190	70	7	22	0.36	10
PN9	210	85	9	22	0.41	13
PN11	220	100	11	22	0.45	16
PN13	240	115	13	22	0.50	19
PN15	250	125	15	22	0.55	22

3 POINT VICE



Size (mm)	Length (mm)	Weight (kg)
M	400	27
L	900	56

WIRE TABLE



Size (mm)	Length (mm)	Weight (kg)
900	900	70

SLIP HOOK



Size (ton)	L (mm)	B (mm)	S.W.L (ton)	B.T.L (ton)	Weight (kg)
1.0	210	30	1.0	4.0	2.0
2.0	325	38	2.0	7.8	5.5
3.0	370	40	3.0	9.8	8.5
5.0	420	50	5.0	15.0	11.0
7.0	470	50	7.0	17.4	12.0

MEMO



KOREA TRADING & INDUSTRIES CO., LTD.

ALGERIA

ALGER OFFICE

CENTRE DES AFFAIRES ZERALDA
RUE DES FRERES BOUSSALEM ZERALDA
LOCAL NO. 14 ET 15 ALGIERS-ALGERIA
TEL : + 213 21 32 00 45
FAX : + 213 21 32 55 84
E - MAIL : ktialgerie@yahoo.fr
naap2005@hanmail.net

KOREA

BUSAN HEAD OFFICE

1503-8, DADAE-DONG, SAHA-GU,
BUSAN, KOREA.
TEL : + 82 51 264 0023~6
FAX : + 82 51 264 0027
E - MAIL : master@koreakti.co.kr
<http://www.koreakti.co.kr>