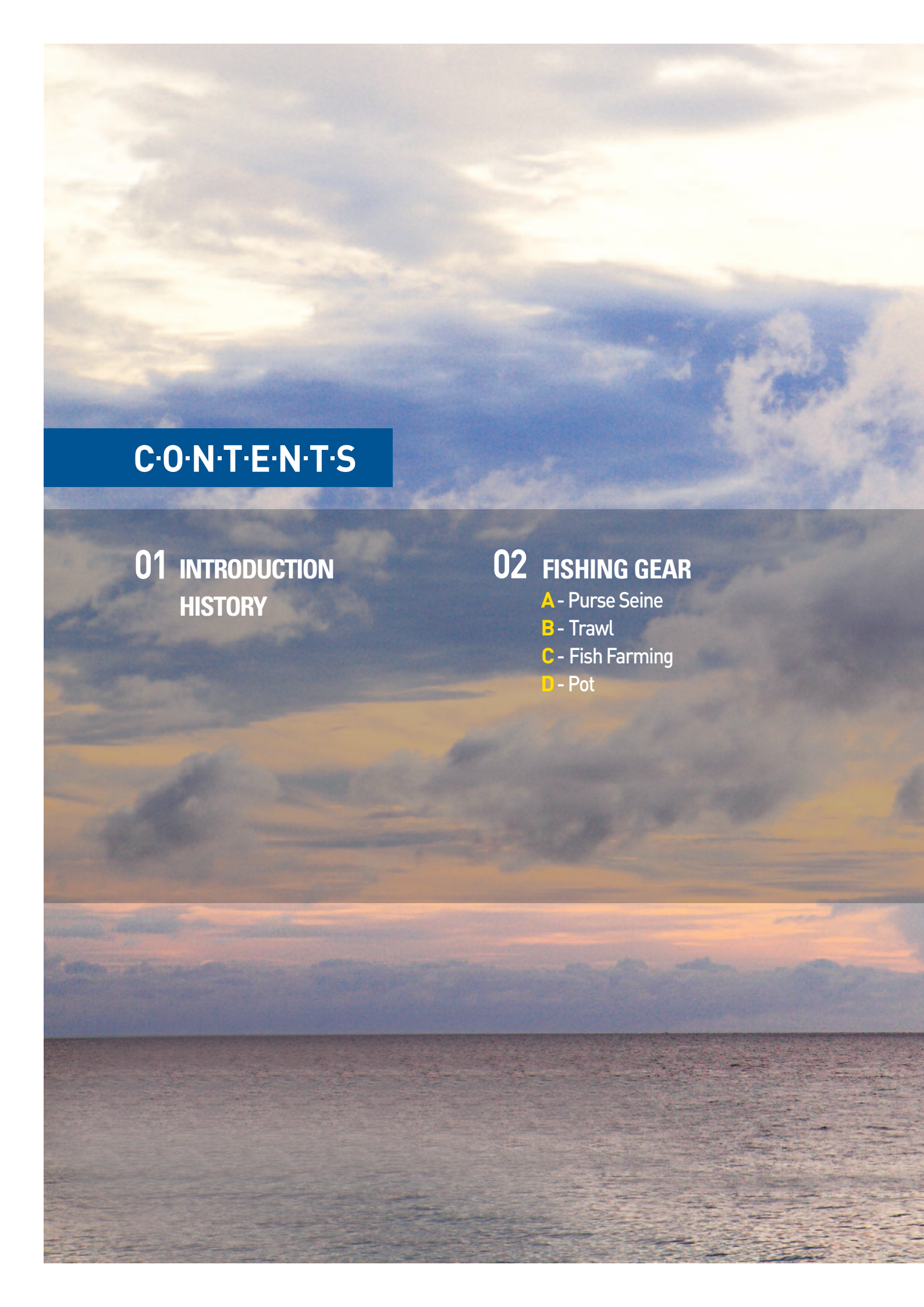


KTI FISHING SYSTEMS

PURSE SEINE / TRAWL / FISH FARMING / POT / PRIME NET / NET / ROPE / BLOCK / SHACKLE /
CHAIN / LINK & RING & HOOK / FOOT ROPE GEAR / COURSE / SWIVEL & TURN BUCKLE /
FLOAT & BUOY / TOOLS / GLOVE & CLOTHING & BOX



한국통산(주)



C·O·N·T·E·N·T·S

01 INTRODUCTION HISTORY

02 FISHING GEAR

- A** - Purse Seine
- B** - Trawl
- C** - Fish Farming
- D** - Pot



한국통산(주)
Korea Trading & Industries Co., Ltd.

03 NET & ROPE

E - Prime Net

F - Net

G - Rope

04 FISHING HARDWARE

H - Block

I - Shackle

J - Chain

K - Link / Ring / Hook

L - Foot Rope Gear

M - Course (Thimble)

N - Swivel / Turnbuckle

O - Float / Buoy

P - Tools

Q - Glove / Clothing / Box

PURSE SEINE / TRAWL / FISH FARMING / POT / PRIME NET / NET / ROPE / BLOCK / SHACKLE

CHAIN / LINK & RING & HOOK / FOOT ROPE GEAR / COURSE / SWIVEL & TURN BUCKLE / FLOAT & BUOY / TOOLS / GLOVE & CLOTHING & BOX

INTRODUCTION

Korea Trading & Industries Co.,Ltd was founded in 1987 and has been at the forefront in developing and manufacturing wide range of products. From various kinds of fishing nets, advanced completed nets, ropes and twines to fishing gears, with technical innovations and using better materials.

KTI is most qualified fishing gear supplier in the world. KTI's technological know-how, applications and experiences are accumulated over 30 years under strict quality control system.

We armed with strong and determined motive to become the world's greatest manufacturer of fishing products through our challenging vision "REBORN 2025" plan.

KTI will never stop to improve quality and will do technical innovation to support its aim.



PURSE SEINE



FISH FARMING



TRAWL



HISTORY OF COMPANY



PERIOD OF REJUMPING

2010'

- 2015. 12 Nominated Leading Company by Busan city
- 2015. 04 Established branch office in Pohnpei island
- 2014. 11 Built 6th Factory (Sub assembly factory for tuna net)
- 2014. 07 Acquired a site for the factory at Mieum Industrial Complex
- 2012. 12 Nominated Leading Company by Busan city
- 2012. 01 Awarded an appreciation plaque by the Minister of Fisheries of Russia
- 2011. 08 Established investment corporation in China
- 2010. 12 Awarded Grand Prize of Trade Day
- 2010. 12 Awarded a Trophy of \$ 30,000,000's exporting (President Commendation)

PERIOD OF MATURITY

2000'

- 2009. 10 Established investment corporation in Japan
- 2008. 05 Established investment corporation in Panama
- 2006. 05 Established branch office in Dalian, China
- 2006. 04 Established branch office in Algeria
- 2005. 07 Established branch office in Tianjin, China
- 2005. 01 Expended and moved Trading Office.
- 2004. 02 Built 5th Factory, completed net assembly factory
- 2000. 05 Commencing International Shipping Agent Business
- 2000. 04 Built Sinpyeong factory (Extention of Metel Division)
- 2000. 03 Built 3rd Factory
- 2000. 01 ERP system set up

PERIOD OF GROWTH

1990'

- 1999. 08 Nominated Leading Technology Provider at G7 project
- 1997. 01 Acquired approval for Product's Standard from Korean Register of Shipping (KR)
- 1996. 05 Established Trading Office
- 1996. 01 Established 2nd Factory (Metal Division)
- 1995. 11 Awarded the Presidential citation on the Trade Day
- 1993. 10 Established branch office in Vladivostok, Russia
- 1993. 08 Nominated as Prospective Small & Medium-sized Enterprise by The Korea Exchange Bank
- 1993. 03 Starting export to New Zealand
- 1992. 07 Starting export fish traps and equipment to Russia
- 1990. 09 Established R&D center
- 1990. 09 Changing company name to Korea Trading and Industries co., Ltd.
- 1990. 08 Established branch office in Las Palmas

PERIOD OF LEAPING

1980'

- 1988. 05 Starting export to Morocco, Mauritania and African Countries
- 1988. 03 Starting export to Las Palmas, Spain
- 1988. 03 Nominated as a Registered Manufacturer of Fishing Gears by The Ministry of Fisheries (NO.79)
- 1987. 11 Established Korea fishing net industry company

FISHING GEAR

PURSE SEINE

TRAWL

FISH FARMING

POT



PURSE SEINE

FISHING GEAR

Purse Seine

Trawl

Fish Farming

Pot



○ “Largest indoor net assembly yard”

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

PURSE SEINE

“The best assembly facilities”

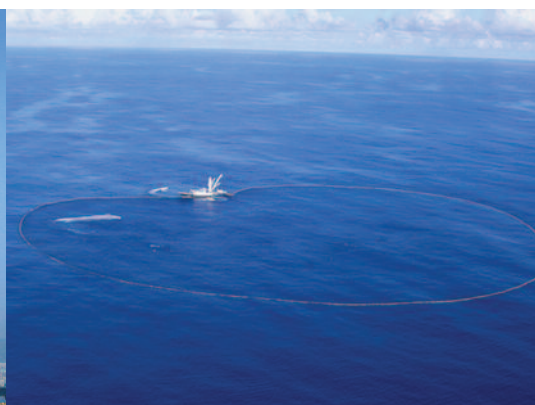
Using hydraulic devices (power block, chain connector, etc..), it can be moved and combined impeccably without any damage caused by incident impacts as well as never permit any fault and defect which used to be occurred on the existing method.

“Professional”

The assembly section has been organized by the specialists who are experienced as captain, fishing master and deck master. Furthermore, they are anticipating research and development for the best fishing net to make big catch for precious customers.



TUNA PURSE SEINE





Net, H-ex
Braided Twine
Rope, Wire Rope, Float
Chain, Accessories



“ We wish you full loads of fish
with **KTI's** fishing gears”

NET

We do our best to make superior fishing nets by strict quality control.
For the better strength, high abrasion resistance, uniformed mesh sizes, tight knots
and non-fade black dye products.



○ Target Fishes of Net

Tuna, Mackerel, Sardine, Anchovy, Gizzard, Scabbard, Squid, etc.

○ Materials of Net

Nylon, Polyester, Polyethylene.

○ Structures of Net

Braided knotted, braided knotless, 4-strands knotless, 3-strand twisted knotted,
2-strands knotless, rachel knotless.

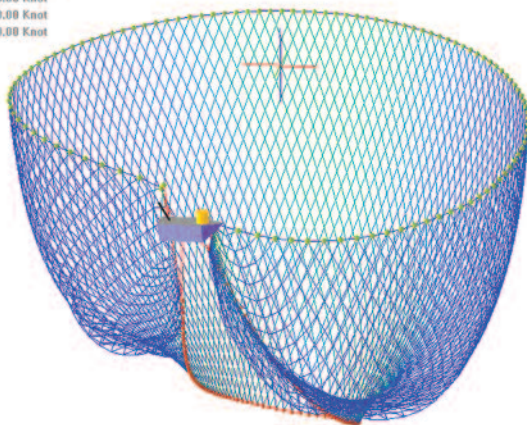
PURSE SEINE

Knotless Harvest Net (AJI Net)

The most advanced
KTI technology

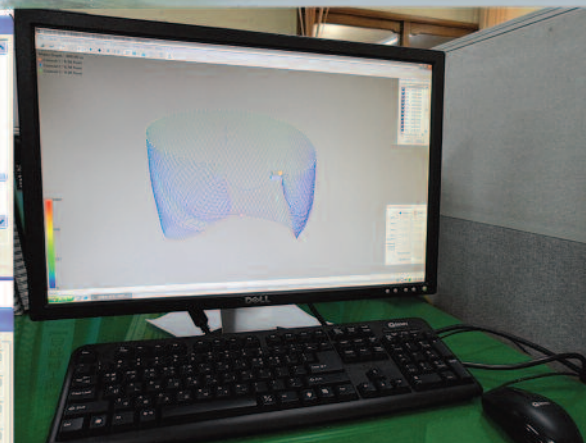


Time Step : 0.006000 sec
Thrusting Power : 0.00 kg
Water Depth : 300.00 m
Current-1 : 0.00 Knot
Current-2 : 0.00 Knot
Current-3 : 0.00 Knot



Record List	
Recorded Data	
169	: 1637.897
170	: 1647.767
171	: 1657.636
172	: 1667.504
173	: 1677.374
174	: 1687.242
175	: 1697.112
176	: 1707.980
177	: 1717.850
178	: 1727.718
179	: 1737.587
180	: 1747.457

Picking Information	
☒ Point	☐ Point
Num	
X(m)	
Y(m)	
Z(m)	
(Depth)	
Sinking Speed (m/s)	
Tension(kgf)	
Length(m)	0



PURSE SEINE SIMULATION



Net H-EX,
Braided Twine
Rope, Wire Rope, Float
Chain, Accessories



H-EX, the most reliable partner
for tuna purse seiners

H-EX NET

The importance of fishing gears in the tuna purse seiners, can be compared with the weapons of battlefield. Even if the vessel/crew/fishing ground were in perfect condition, it would be impossible to increase fish catching volume without advanced fishing gears. If the fishermen optimal fishing gears, it can make huge profits from big volume of fish catching even though we faced tough fishing ground conditions.

However, in reality, the strength of nylon normal purse seine net becomes weaken approximately 50%, compared with initial strength after using more than 1.5 years in extreme conditions and also it's hard to endure such strong currents. Plus it's hard to increase catching volume.

Thus, KTI invented new material called H-EX which is strengthen intensity, tenacity and adjusted elongation by KIT's own high technology. If you use H-EX net you can experience, fast sinking speed and longer lasting.

Sinking speed is about 12% fast than normal nylon net. Also, we proved that strength and abrasion resistance are much better than normal nylon net in various way.

H-EX 12S/T ROPE

Diameter		Weight (KG / 200m)	Breaking Strength (Ton)
mm	inch		
36	1 - 7 / 16	196.4	27.9
40	1 - 9 / 16	242	34.2
44	1 - 3 / 4	284	39.8
48	1 - 7 / 8	344	47.6
52	2 - 1 / 16	404	56.0

PURSE SEINE

BRAIDED TWINE



Like our superior netting, KTI Braided Twine also gives you a promise for uncompromising efforts to the quality and innovation.

Material : Nylon, H-EX, Polyethylene

Twine Size	Constraction	Runnage (M/KG)	Dia (mm)	B/S (kg)
#24/27	4 X 16	570.8	1.85	84.94
# 30	5 X 16	448.3	2.1	106.18
# 36	6 X 16	378.7	2.2	127.41
# 42	8 X 16	289.6	2.6	169.99
# 48	9 X 16	262.1	2.8	190.51
# 54	10 X 16	234.7	3	211.68
# 60	12 X 16	211.8	3.2	232.85
# 72	14 X 16	180.0	3.5	270.82
# 84	16 X 16	151.7	3.8	312.48
# 96	20 X 16	114.8	4.2	383.04
# 120	22 X 16	102.8	4.6	443.52
# 132	28 X 16	80.0	5	564.48
# 168	32 X 16	70.2	5.4	645.12
# 210	42 X 16	53.2	6.4	846.72
# 300	60 X 16	35.9	7.3	1209.60
# 350	90 X 16	23.5	10	1814.40
# 400	120 X 16	16.4	12	2419.20

NYLON 12 S/T ROPE

- Material : Nylon
- Specific Gravity : 1.14
- Elongation : 30%



Diameter		Weight (KG / 200m)	Breaking Strength (Ton)
mm	inch		
36	1 - 7 / 16	166	29.8
40	1 - 9 / 16	200	35.0
44	1 - 3 / 4	242	42.3
48	1 - 7 / 8	286	49.5
52	2 - 1 / 16	336	58.7

TERAFLEX 12 S/T ROPE

- Material : Polypropylene, Polyester



Diameter		Weight (KG / 200m)	Breaking Strength (Ton)
mm	inch		
36	1 - 7 / 16	147	27
40	1 - 9 / 16	182	34
44	1 - 3 / 4	218	40
48	1 - 7 / 8	264	47
52	2 - 1 / 16	300	54

PURSE SEINE

SUPER STRONG ***Nylon Double*** ***Braided Rope***



- Material : Nylon
- Specific Gravity : 1.14

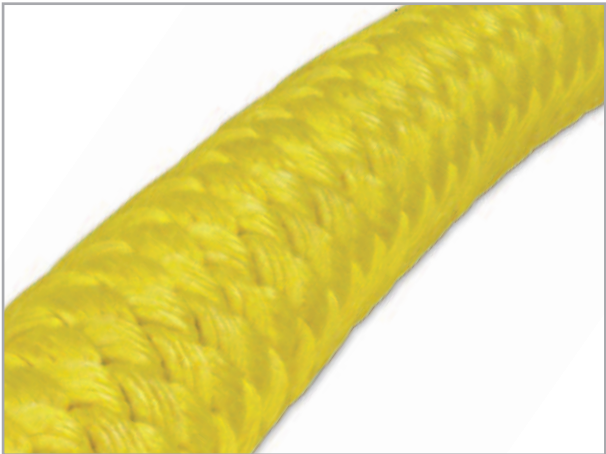
Size Diameter (Inches)	Size Circumference (Inches)	Weight Per 100ft. (Pounds)	Srt mbs* (Pounds)	Size Diameter (Millimeters)	Weight Per 100mm (Kilograms)	Srt mbs* (Tons)	ISO/BS en919 mbs (Metric Tonnes)
1/4	3/4	1.6	2,000	6	2.4	0.89	0.99
5/16	1	2.6	2,900	8	3.9	1.3	1.5
3/8	1-1/8	3.7	4,200	9	5.5	1.9	2.1
7/16	1-1/4	5.1	5,600	11	7.6	2.5	2.8
1/2	1-1/2	6.6	7,300	12	9.8	3.3	3.7
5/8	2	12.0	12,900	16	17.9	5.9	6.5
3/4	2-1/4	15.0	16,000	18	22.3	7.2	8.1
7/8	2-3/4	22.0	24,700	22	32.7	11.2	12.4
1	3	26.0	30,600	24	38.7	13.9	15.4
1-1/8	3-1/2	36.0	38,300	28	53.6	17.4	19.3
1-1/4	3-3/4	41.0	44,200	30	61.0	20.0	22.3
1-5/16	4	43.5	50,400	32	64.7	22.9	25.4
1-1/2	4-1/2	60.0	64,300	36	89.3	29.1	32.4
1-5/8	5	74.0	78,200	40	110.0	35.5	39.4
1-3/4	5-1/2	89.0	96,800	44	132.0	43.7	48.5
2	6	106.0	111,000	48	158.0	50.5	56.1
2-1/8	6-1/2	124.0	132,000	52	185.0	59.7	66.3
2-1/4	7	144.0	150,000	56	214.0	68.2	75.8
2-1/2	7-1/2	165.0	172,000	60	246.0	77.9	86.5
2-5/8	8	188.0	196,000	64	280.0	88.7	98.5
2-3/4	8-1/2	212.0	218,000	68	315.0	99.1	110.0
3	9	238.0	243,000	72	354.0	110.0	123.0
3-1/4	10	294.0	289,000	80	437.0	131.0	146.0
3-5/8	11	356.0	353,000	88	530.0	160.0	178.0
4	12	423.0	425,000	96	629.0	193.0	214.0
4-1/4	13	497.0	479,000	104	740.0	217.0	242.0
4-5/8	14	576.0	549,000	112	857.0	249.0	277.0
5	15	662.0	622,000	120	985.0	282.0	314.0



Net, H-ex
Braided Twine
Rope, Wire Rope, Float
Chain, Accessories



TURBO - 75 ***Skiff Holding, Winch Line***



Wire Replacement Rope

- Material : Dyneema
- Specific Gravity : 0.98

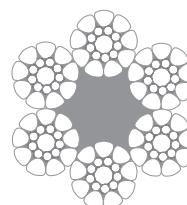
Size Diameter (Inches)	Size Circumference (Inches)	Weight Per 100ft. (Pounds)	Srt mbs* (Pounds)	Size Diameter (Millimeters)	Weight Per 100mm (Kilograms)	Srt mbs* (Tons)	ISO/BS en919 mbs (MetricTonnes)
1	3	25.0	87,300	24	37.2	39.6	44.0
1-1/8	3-1/2	29.5	113,000	28	43.9	51.0	56.7
1-1/4	3-3/4	38.5	135,000	30	57.3	61.2	68.0
1-3/8	4-1/8	48.0	167,000	34	71.4	75.5	83.9
1-1/2	4-1/2	59.5	189,000	36	88.5	85.7	95.3
1-5/8	5	67.0	225,000	40	99.7	102.0	113.0
1-3/4	5-1/2	80.5	275,000	44	120.0	125.0	138.0
2	6	93.0	329,000	48	138.0	149.0	166.0
2-1/8	6-1/2	105.0	351,000	52	156.0	159.0	177.0
2-1/4	7	120.0	405,000	56	179.0	184.0	204.0

PURSE SEINE

TRITON PURSE WIRE[®] (for tuna fleets)

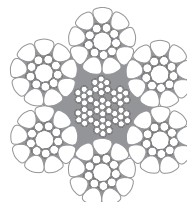
1. Superb resistance for crushing and abrasion
2. Longer life
3. Excellent bending fatigue
4. Inside could be filled with special filler to lubricate for longer life (Optional).

TRITON S 19 FC



Diameter (mm)	Weight (kg/m)	Minimum Breaking Load	
		(ton)	(kN)
16	1.08	15.8	155
18	1.37	20.0	196
20	1.69	24.7	242
22	2.04	29.9	293
24	2.43	35.6	349
26	2.86	41.8	409
28	3.31	48.4	475
30	3.80	55.6	545

TRITON S 19 IWRC



Diameter (mm)	Weight (kg/m)	Minimum Breaking Load	
		(ton)	(kN)
16	1.14	18.3	180
18	1.45	23.2	228
20	1.78	28.7	281
22	2.16	34.7	340
24	2.57	41.3	405
26	3.02	48.5	475
28	3.50	56.2	551
30	4.01	64.5	632

FLOAT

KTI floats are made of superior raw materials. You can use them long and reliably.



ITEM NO.	L × OD × HD (mm)	Weight (g)	Buoyancy (g)
EF-3	105 × 72 × 20	60	315
EF-6	147 × 94 × 20	116	630
EF-10	170 × 110 × 22	175	960
EF-15	165 × 116 × 25	220	1,400
EF-24	178 × 150 × 30	350	2,400
EF-30	188 × 165 × 33	445	3,000
EF-50	220 × 215 × 45	815	5,000
EF-70	242 × 226 × 45	1,030	7,000
EF-90	262 × 253 × 48	1,420	9,000
EF-100	280 × 265 × 50	1,660	10,000

PURSE SEINE



Tuna Net Chain (TN)

We use high quality steel, especially formulated and heat treated for tuna fishing. Every heat treated lot, approximately 1364kg. is sampled and destructively tested for material strength and link elongation in order to assure compliance to the design criteria. All Tuna Net Chain is then proof tested, 100% every link.

Size	Chain Specifications				Weigh Per 100 Feet
	Wire Diameter	Inside Dimension		Working Load LIMIT	
		Length	Width		
7/16" (11mm)	0.467" (12mm)	1.37" (35mm)	0.75" (19mm)	8,750 LBS (3,969 KGS)	223 LBS (101 KGS)
1/2" (13mm)	0.519" (13mm)	1.72" (44mm)	0.75" (19mm)	11,300 LBS (5,125 KGS)	243 LBS (110 KGS)
9/16" (14mm)	0.551" (14mm)	1.70" (43mm)	0.85" (22mm)	12,150 LBS (5,510 KGS)	301 LBS (136 KGS)
5/8" (16mm)	0.630" (16mm)	1.93" (49mm)	0.87" (22mm)	15,800 LBS (7,167 KGS)	377 LBS (171 KGS)

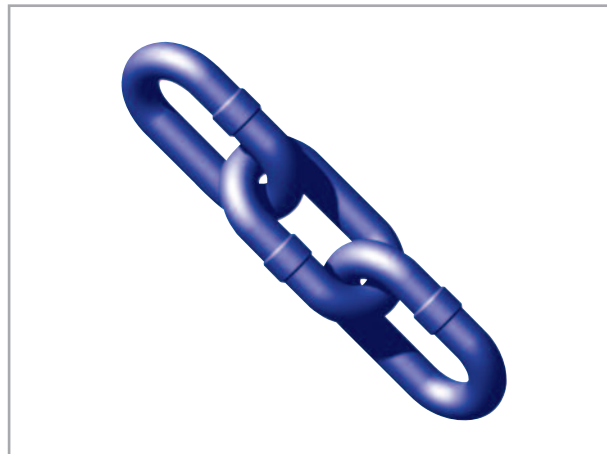


Net, H-ex
Braided Twine
Rope, Wire Rope, Float
Chain, Accessories



ACCO CHAINS

Grade 100



Mid Link

Reference NO.	Diam mm	Inside Link Dimevsions mm		Weight kgs/mtr	Working Load Limit	Standard Length-Mtrs
		Inside Length	Inside Width			
TSL 10 -10	10	40	16.5	2.0	3.2	200
TSL 13 -10	13	52	22	3.6	5.4	150
TSL 16 -10	16	64	24	4.9	8.2	110
TSL 19 -10	19	76	29	7.7	14.25	75

Long Link

Reference NO.	Diam mm	Inside Link Dimevsions mm		Weight kgs/mtr	Working Load Limit	Standard Length-Mtrs
		Inside Length	Inside Width			
TSL 13 -10	13	80	23	3.2	6.6	150
TSL 16 -10	16	100	26	4.8	10.0	100
TSL 19 -10	19	100	28	7.3	14.25	75
TSL 22 -10	22	120	34	8.8	17.49	50

PURSE SEINE

ROPE SPLICING

Fids are utilized to perform the appropriate splice procedure based on the class and type of construction

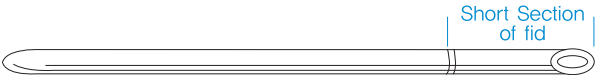


The fids are used in making required measurements and in burying the rope during the splicing operation each diameter of rope has a matching fid size and to insure that the required measurements are made correctly, the proper sized fid for the rope size must be used in performing a splice. There are two styles of fids offered: Aluminum Tubular fids and Wire Fids. The Aluminum Tubular Fids are used by inserting the end rope section into the fid while the Wire Fids are attached to the end of the rope section. Tubular fids are pushed through the rope with an appropriate sized pusher where Wire Fids are either fed through the rope or pulled through by attaching a feed line.

TUBULAR FID & PUSHER



Code	Dimensions Fid Size Rope Dia.	Total Fid Length	Short Fid Section Length	Pusher	Code
SSTF 1/4	1/4	5-1/2	2-1/16	Small	SSP-S
SSTF 5/16	5/16	6-3/4	2-1/2	Small	SSP-S
SSTF 3/8	3/8	7-3/4	2-7/8	Small	SSP-S
SSTF 7/16	7/16	9-1/2	3-9/16	Small	SSP-S
SSTF 1/2	1/2	11	4-1/8	Small	SSP-S
SSTF 9/16	9/16	12-1/4	3-5/8	Large	SSP-L
SSTF 5/8	5/8	14	4-1/8	Large	SSP-L
SSTF 3/4	3/4	16	4-3/4	Large	SSP-L
SSTF 7/8	7/8	19	4-3/4	Large	SSP-L
SSTF 1	1	21	5-1/4	Large	SSP-L



Net, H-ex,
Braided Twine,
Rope, Wire Rope, Float, Chain,
Purse Ring, **Accessories**

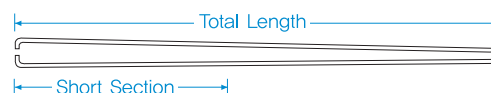


WIRE FID



Dimensions and Lengths are to 1/2 scale

Code	Fid Size / Rope Dia.	Total Fid Length	Short Fid Section Length
SSWF 1-1/8	1-1/8	12-1/4	3
SSWF 1-1/4	1-1/4	13-1/4	3-1/4
SSWF 1-5/16	1-5/16	14	3-1/2
SSWF 1-1/2	1-1/2	16	4
SSWF 1-5/8	1-5/8	17-1/2	4-1/2
SSWF 1-3/4	1-3/4	19	4-3/4
SSWF 2	2	21	5-1/4
SSWF 2-1/8	2-1/8	23	5-3/4
SSWF 2-1/4	2-1/4	25	6
SSWF 2-1/2	2-1/2	26	6-1/2
SSWF 2-5/8	2-5/8	28	7
SSWF 2-3/4	2-3/4	30	7-1/2
SSWF 3	3	32	8
SSWF 3-1/4	3-1/4	35	8-3/4



SPLICING KITS

The Samson Splicing Kit comes with 5 aluminum tubular fids
(size range 1/4" through 1/2" diameter)



PURSE SEINE

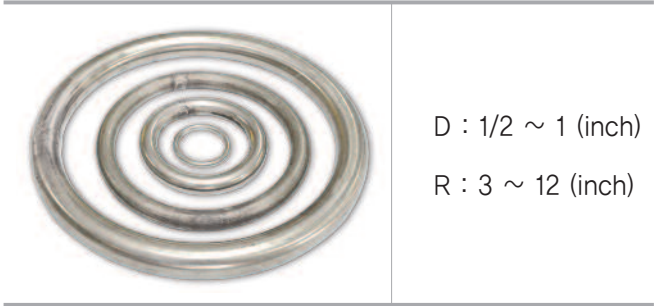
WELDLESS SLING LINK



Size (in.)	s.w.l Single Pull (mm)	Dimensions (mm)					Weight (kg)
		B	C	D	E	F	
3/8	820	28	19	76	57	10	0.1
1/2	1300	38	25	100	76	13	0.3
5/8	1900	48	32	127	95	16	0.5
3/4	2700	57	38	152	114	19	0.9
7/8	3750	67	45	178	133	22	1.3
1	4900	76	50	203	152	25	2
1-1/4	7580	100	63	260	190	32	3.5
1-3/8	9300	105	70	280	210	35	5.1

Smooth glossy finish

ROUND RING Stainless Steel



D : 1/2 ~ 1 (inch)
R : 3 ~ 12 (inch)

Net, H-ex,
Braided Twine,
Rope, Wire Rope, Float,
Chain, **Accessories**



KTI CONNECTING LINK (Oval Type)



Alloy steel - galvanized

Size		Working Load Limit		Dimensions								Links Per Box	Weight/100	
				A		B		C		D				
in.	mm	lb	kg	in.	mm	in.	mm	in.	mm	in.	mm		lb	kg
3/8	10	4200	1905	1-3/8	35	2-1/8	54	9/16	14	1-1/8	29	10	18	8
1/2	13	7000	3175	1-23/32	44	2-11/16	68	21/32	17	1-7/16	37	10	38	17
5/8	16	10800	4899	2-1/8	54	3-3/8	86	13/16	21	1-7/8	48	10	72	33
3/4	19	15000	6804	2-1/2	64	3-7/8	98	31/32	25	2-1/8	54	5	112	51

KTI CONNECTING LINK (Pear Type)



Carbon Steel - galvanized

Size		Load Limit		Dimensions								Weight/100	
				B		C		D		E			
in.	mm	lb	kg	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
3/8	10	1850	839	2-15/16	75	13/16	21	2	51	9/16	14	25	11
1/2	13	3300	1497	3-5/8	92	1	25	2-1/2	64	11/16	17	45	20
5/8	16	5000	2268	4-1/4	108	1-1/8	29	2-3/4	70	13/16	21	91	41
3/4	19	7100	3221	4-7/8	124	1-1/4	32	3-1/8	79	1	25	130	59
7/8	22	9600	4355	5-11/16	144	1-1/2	38	3-11/16	94	1-1/4	32	220	100

PURSE SEINE

SWIVEL (Eye & Eye Type)

Drop - Forged Carbon Steel



Size		Working Load Limit		Dimensions												Weight /100	
				A		B		C		D		L		R			
in.	mm	lb	kg	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
1/4	6	850	386	1-1/4	32	3/4	19	3/4	19	1-1/16	27	3-3/8	86	2-7/8	73	15.5	7.0
5/16	8	1250	567	1-5/8	41	3/4	19	1	25	1-1/4	32	4-1/8	105	3-5/8	92	28.5	12.9
3/8	10	2250	1021	2	51	1	25	1-1/4	32	1-1/2	38	5	127	4-1/4	108	59	26.8
1/2	13	3600	1633	2-1/2	64	1-1/4	32	1-1/2	38	1-15/16	49	6-3/4	171	5-3/4	146	124	56.3
5/8	16	5200	2359	3	76	1-5/8	41	1-3/4	44	2-3/8	60	8	203	6-3/4	171	238	108.1
3/4	19	7200	3266	3-1/2	89	1-3/4	44	2	51	2-1/2	64	8-3/4	222	7-1/4	184	365	165.7
7/8	22	10000	4536	4	102	2-1/8	54	2-1/4	57	3-1/16	78	10-3/8	264	8-3/4	222	568	257.9
1	25	12500	5670	4-1/2	114	2-1/4	57	2-1/2	64	3-1/2	89	11-3/4	298	9-3/4	248	891	404.5
1-1/4	32	18000	8165	5-5/8	143	3-1/4	83	3-1/8	79	3-7/8	98	13-15/16	354	11-1/2	292	1627	738.7

CHOKER HOOK

Drop - Forged Carbon Steel



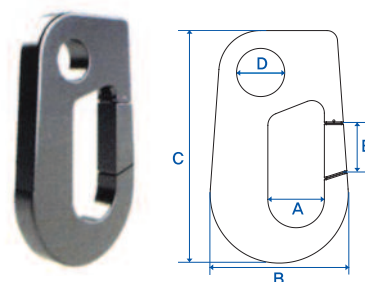
Type	Weight kg	Dimensions					Breaking Load ton
		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	
CH 10 S	2,8	50	78	178	50	47	12
CH 11 S	5,7	69	100	234	63	56	18
CH 12 S	10,2	90	130	291	72	75	25

Smooth glossy finish

Net, H-ex,
Braided Twine,
Rope, Wire Rope, Float, Chain,
Purse Ring, **Accessories**

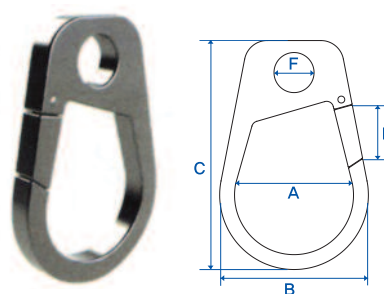


BOSS KROK HOOK Stainless Steel



Code	S.W.L (ton)	Dimensions (mm)					Weight (kg)
		A	B	C	D	E	
K BOSS S5S	1.00	27	66	111	23	19	0.5
K BOSS S6S	1.25	38	77	132	27	25	0.6
K BOSS S7S	2.25	37	90	153	27	29	1.2

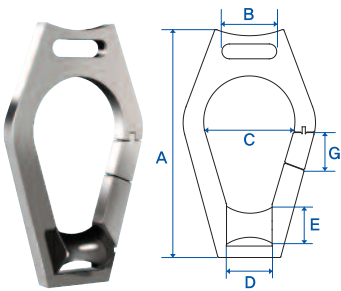
BOSS PURSE RING Stainless Steel



Code	S.W.L (ton)	Dimensions (mm)						Weight (kg)
		A	B	C	D	E	F	
BOSS 220 S	0.9	75	130	200	22	45	39	2.1
BOSS 230 S	1.1	95	150	230	25	50	45	3.0
BOSS 240 S	1.3	110	165	260	30	55	50	4.1
BOSS 250 S	1.4	110	170	260	33	55	52	4.7
BOSS 260 S	1.6	110	170	265	42	55	53	6.1
BOSS 285 S	1.7	115	180	275	50	55	53	8.5

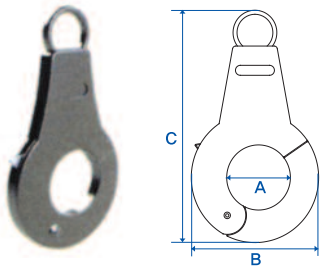
PURSE SEINE

BOSS PURSE RING (W/ROLLER) Stainless Steel



Code	S.W.L (ton)	Dimensions (mm)						Weight (kg)
		A	B	C	D	E	G	
BOSS 40 SR	1.0	252	48	85	50	49	48	3.9
BOSS 80 SR	1.8	330	48	120	66	64	75	8.4
BOSS 90 SR	3.0	323	56	100	50	52	40	7.8
BOSS 100 SR	1.8	365	53	122	50	52	50	8.4

BOSS TOWING HOOK

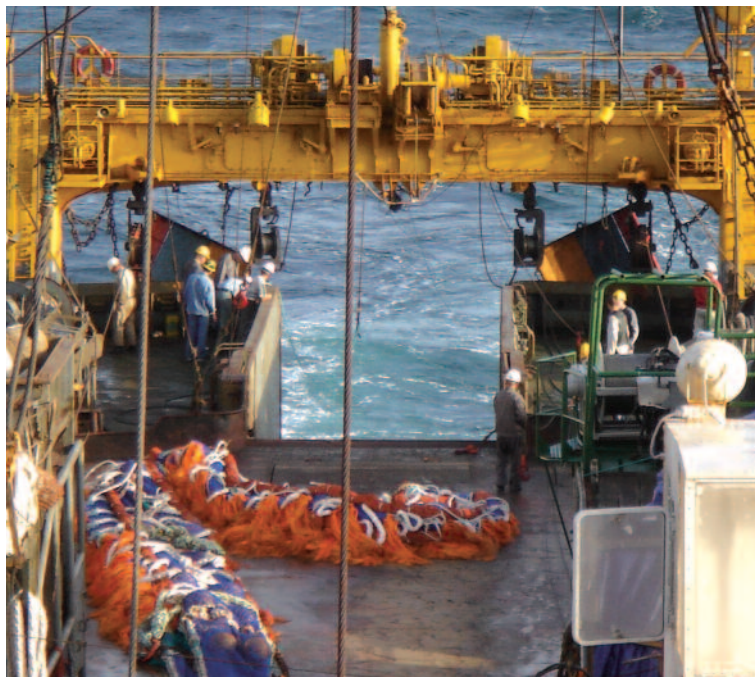


Code	S.W.L. (ton)	Dimensions (mm)			Weight (kg)
		A	B	C	
BOSS TOW 10S	1.0	80	162	338	4.0
BOSS TOW 15S	9.6	75	192	330	13.2

TRAWL

FISHING GEAR

Purse Seine
Trawl
Fish Farming
Pot



Our trawl nets are designed from rich experiences from grounds. Also have been adopted by the characteristics of various fishing vessels and grounds. We study through computer simulations based on the manufacturing experiences and knowledges have been improved for better performance. We check every points through computer simulations for improving net's quality. All our efforts are for net's better performance.

And also, our trawl nets are made from real datas, and co-studies with Natinal Fisheries Research & Development Institute and Pukyong National University.

The materials of our Trawl net are Dyneema, Super PE, High Density PE, PP, Nylon, PES from the best yarn suppliers in the world.

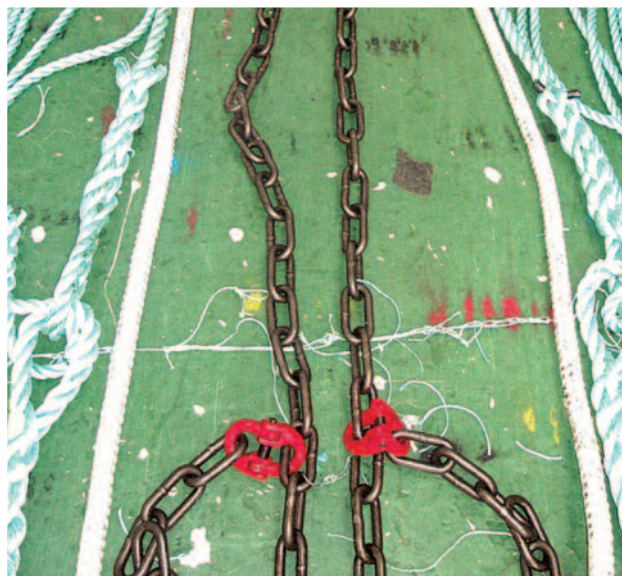
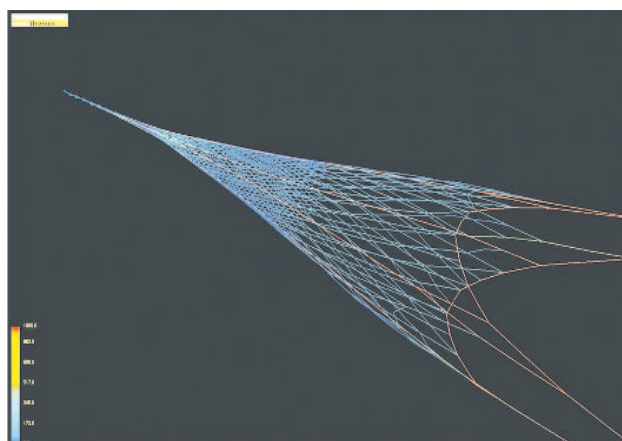
Our trawl elevates the performance of fishing as a minimum resistance and maximum size because it is manufactured by the best ideal net plan and choosing suitable materials. Furthermore, if nets have problems, fishermen can adjust nets easily on the vessel.

Our midwater trawl is being used for catching Pollacks, Herrings, Sardines, Horse Mackerels, Mackerels, Krill(shrimp)s, Hakes, etc. in Korea, Japan, and far east of Russia, Africa, also in the Antarctic ocean.

Bottom trawl is being used for catching Pollacks, Codfishs, Herrings, Squids, Flounders, Flatfishs, Atka mackerels, Prawn in all ocean area.

If you use KTI's Prime nets, you can experience high performance of our nets, plus it gives you big fortune also.

PELAGIC TRAWL



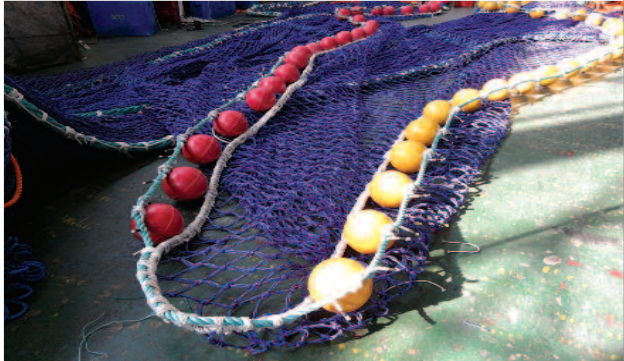
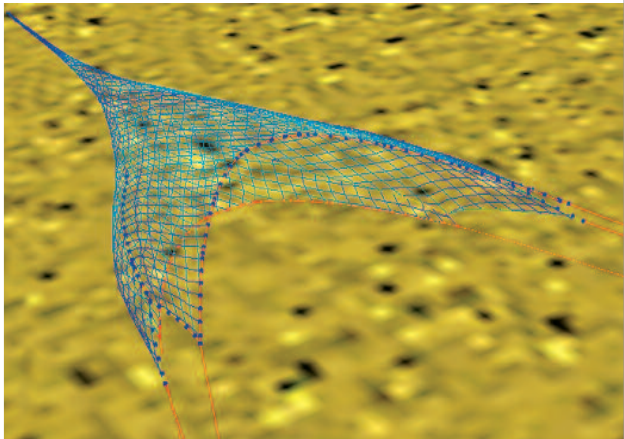
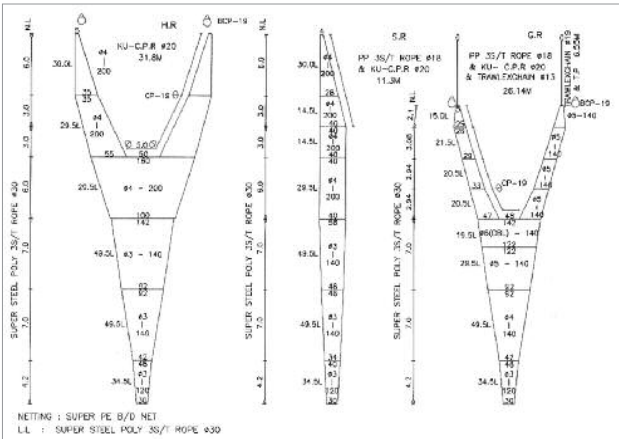


Pelagic Trawl Bottom Trawl

Ground
Shrimp Trawl
Cod End
Trawl Door



BOTTOM TRAWL



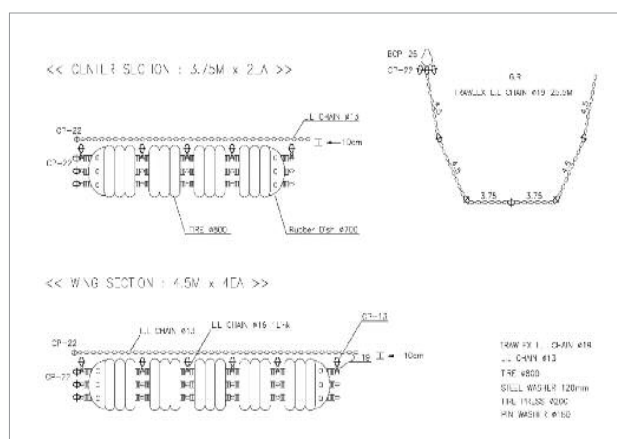
C.R

TABLE 0-100 L. CHN. #70 650P
TABLE 0-100 L. CHN. #70
TABLE 0-100 L. CHN. #70
TABLE 0-100 L. CHN. #70
TABLE 0-100 L. CHN. #70

(C) RICE WIND SENSOR SECTION : 8.9M X .32X

(D) RICE WIND SENSOR SECTION : 8.9M X .32X

(E) CENTER SECTION : 8.9M



A photograph showing a row of dark, rectangular floats or buoys connected by a white rope on a green deck. Two people are standing in the background.

- • Tire Disc Ground



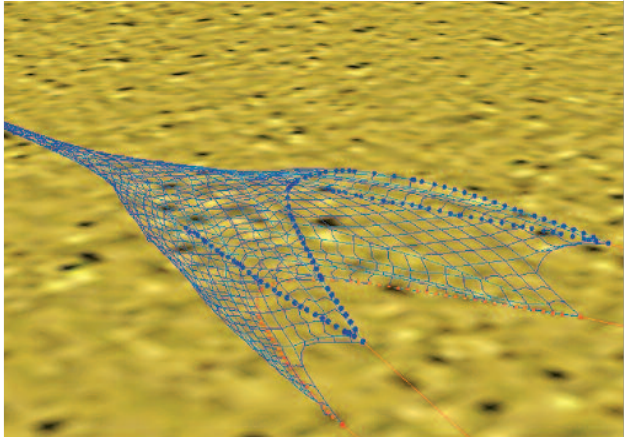
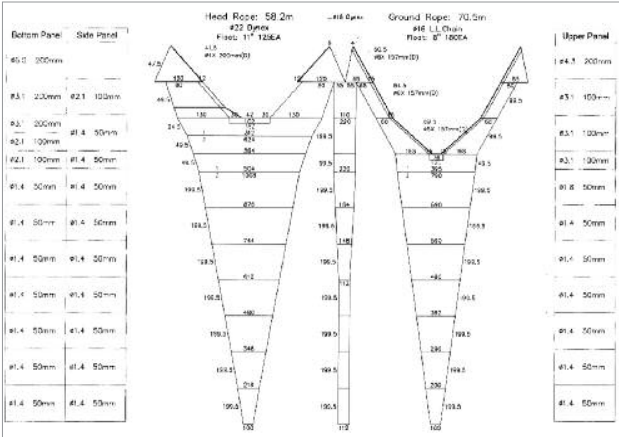
Pelagic Trawl
Bottom Trawl

Ground Shrimp Trawl

Cod End
Trawl Door

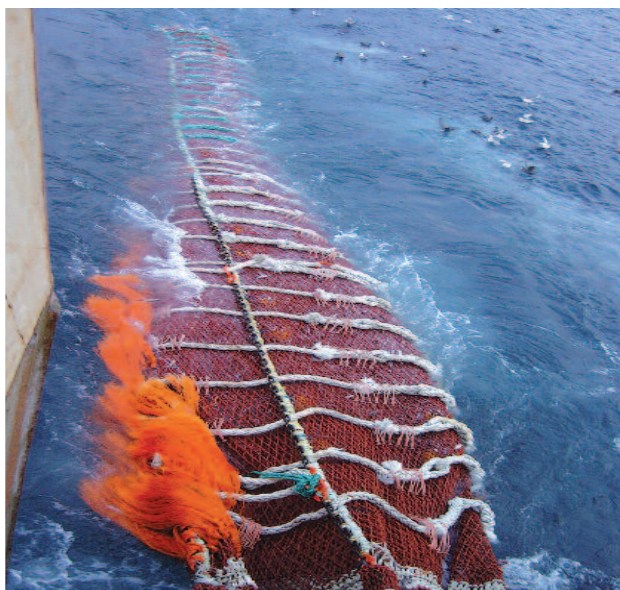


SHRIMP TRAWL



• Ground for Shrimp Trawl

COD END





Pelagic Trawl
Bottom Trawl
Ground
Shrimp Trawl
**Cod End
Trawl Door**



TRAWL DOOR



TYPE 11 D Island model

New trawldoors from
Thyborøn, Denmark



Type 11 is for strictly bottom fishing - catching shrimps, plaices and soles etc.

Type 2	Area / m2	Weight
63"	1,95	392 kg
66"	2,25	451 kg
72"	2,64	543 kg
76"	2,92	664 kg
80"	3,17	762 kg
84"	3,39	808 kg
88"	3,73	866 kg
92"	4,41	1021 kg
96"	4,91	1126 kg
100"	5,19	1258 kg
104"	5,76	1778 kg
107"	6,34	2092 kg
110"	6,73	2223 kg
115"	7,33	2424 kg
120"	8,00	2653 kg
125"	8,82	3197 kg
130"	9,36	3582 kg
135"	9,96	3866 kg
140"	10,76	4461 kg
145"	11,81	4777 kg
150"	12,70	5386 kg
155"	14,20	5784 kg
160"	15,39	6248 kg
165"	16,69	6650 kg
170"	18,00	7275 kg
175"	19,18	7526 kg
180"	20,38	8018 kg

Special weights on request

TRAWL



TYPE 14 VF *Island model*

New semi-pelagic trawldoors
from Thyborøn, Denmark



Type 14 VF is one of most efficient pelagic door. With this trawl door you can use for middle water trawl but also can use for bottom fishing. - ex. mainly pollacks and partly squids.

Size	Area / m2	Weight / Kg Minimum	Weight / Kg Maximum
3	3	767	849
3,5	3,5	894	989
4	4	1022	1131
4,5	4,5	1149	1272
5	5	1278	1414
5,5	5,5	1405	1555
6	6	1533	1697
6,5	6,5	1661	1838
7	7	2125	2316
7,5	7,5	2277	2482
8	8	2429	2647
8,5	8,5	2581	2813
9	9	2732	2978
9,5	9,5	2885	3144
10	10	3042	3309
10,5	10,5	3187	3474
11	11	3340	3640
11,5	11,5	3491	3805
12	12	3643	3971

Special weights on request



Pelagic Trawl
Bottom Trawl
Ground
Shrimp Trawl
Cod End



Trawl Door



TYPE 15 VF model

New pelagic trawldoors from
Thyborøn, Denmark



Type 15 VF is the world's most efficient pelagic door, for strictly pelagic fishing, but can be fitted with a protection part in the low part, so it will be okay for touching the ground, but not for regular ground fishing.

Size / Area m2	Weight / Kg Minimum	Weight / Kg Maximum	Size / Area m2	Weight / Kg Minimum	Weight / Kg Maximum
1	104	124	8,5	2025	2185
1,5	169	199	9	2127	2297
2	218	258	9,5	2223	2403
2,5	280	330	10	2333	2523
3	448	508	11	2541	2761
3,5	514	584	12	2761	2991
4	640	720	13	2966	3216
4,5	720	810	14	3193	3463
5	891	991	15	3387	3677
5,5	980	1090	16	3587	3907
6	1217	1327	17	3800	4130
6,5	1319	1439	18	4008	4358
7	1693	1823	19	4208	4578
7,5	1806	1946	20	4420	4820
8	1907	2057			

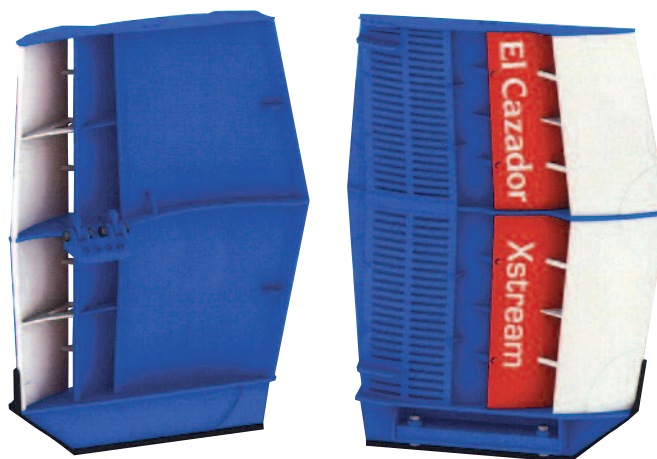
Special weights on request

TRAWL



EL CAZADOR Xstream

Semi-pelagic trawldoors



Standard sizes and weights

Size	Minimum Weight.	Maximum Weight.	Size	Minimum Weight.	Maximum Weight.
1,3m ²	165 kg	As requested	8,5m ²	1900 kg	As requested
1,6m ²	220 kg	"	9,0m ²	2300 kg	"
1,9m ²	240 kg	"	9,5m ²	2400 kg	"
2,2m ²	330 kg	"	10,0m ²	2550 kg	"
2,5m ²	390 kg	"	10,5m ²	2750 kg	"
2,8m ²	480 kg	"	11,0m ²	2800 kg	"
3,2m ²	550 kg	"	11,5m ²	2950 kg	"
3,6m ²	660 kg	"	12,0m ²	3100 kg	"
4,0m ²	880 kg	"	12,5m ²	3200 kg	"
4,5m ²	900 kg	"	13,0m ²	3230 kg	"
5,0m ²	1150 kg	"	13,5m ²	3300 kg	"
5,5m ²	1240 kg	"	14,0m ²	3500 kg	"
6,0m ²	1350 kg	"	14,5m ²	3600 kg	"
6,5m ²	1550 kg	"	15,0m ²	3800 kg	"
7,0m ²	1550 kg	"	15,5m ²	3900 kg	"
7,5m ²	1700 kg	"	16,0m ²	4100 kg	"
8,0m ²	1830 kg	"			

Keeping trawls open for decades



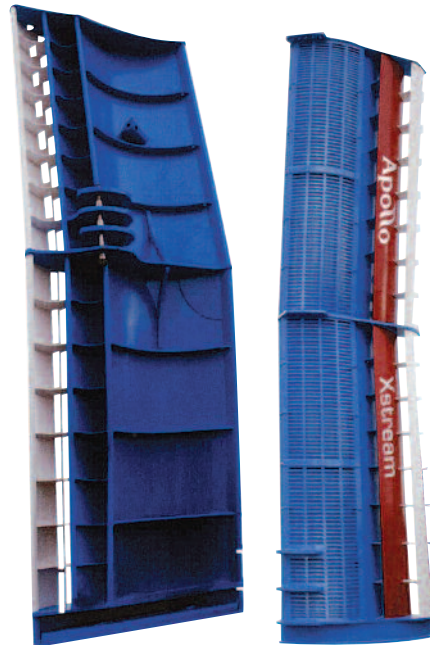
Pelagic Trawl
Bottom Trawl
Ground
Shrimp Trawl
Cod End



Trawl Door



APOLLO Xstream High aspect pelagic trawldoors



Standard sizes and weights

Size	Minimum Weight.	Maximum Weight.	Size	Minimum Weight.	Maximum Weight.
2,0m²	330 kg	As requested	9,5m²	2150 kg	As requested
2,5m²	390 kg	"	10,0m²	2210 kg	"
3,0m²	460 kg	"	10,5m²	2500 kg	"
3,5m²	530 kg	"	11,0m²	2700 kg	"
4,0m²	590 kg	"	11,5m²	2750 kg	"
4,5m²	670 kg	"	12,0m²	2870 kg	"
5,0m²	830 kg	"	12,5m²	2970 kg	"
5,5m²	900 kg	"	13,0m²	3050 kg	"
6,0m²	990 kg	"	13,5m²	3200 kg	"
6,5m²	1100 kg	"	14,0m²	3460 kg	"
7,0m²	1460 kg	"	14,5m²	3500 kg	"
7,5m²	1540 kg	"	15,0m²	3600 kg	"
8,0m²	1650 kg	"	15,5m²	3750 kg	"
8,5m²	1900 kg	"	16,0m²	3900 kg	"
9,0m²	2000 kg	"			

Keeping trawls open for decades

FISH FARMING

FISHING GEAR

Purse seine
Trawl
Fish Farming
Pot

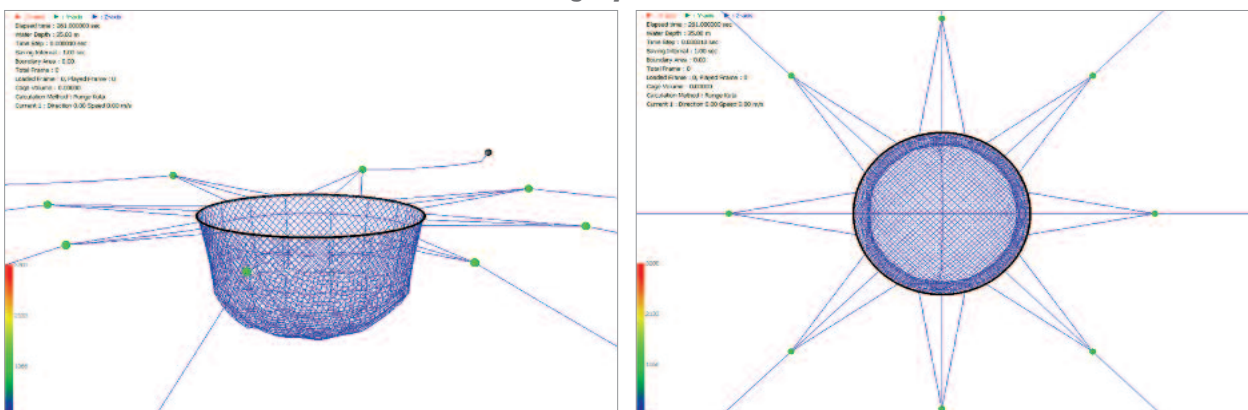


FARMING CAGE SYSTEMS

Fish farming has become big global business. KTI farming cage system has started with high ambition. KTI farming cage system is involved in continuous product development and has created innovative solutions, thanks to close cooperation with fish farmers in the world and research institutions. Since 1990, KTI farming cage systems have been supplied to many countries like Malta, Turkey, Mexico, Japan, etc.

- Marine cage farming system can be used in various water environments including sea, river etc.
- Suitable for intensive farming.
- Suitable for different species, such as Tuna, Sea Bream, Tilapia etc.
- HDPE 100 Handrail Pipe (SDR11, SDR13.5 etc) offers excellent ESCR (Environmental Stress Cracking Resistance) and resists deformation.
- High carbon component, strong UV resistance ensures durability, low maintenance and investment cost.
- A wide of our items makes more easily assembling, simplified harvesting & efficient maintenance as well as resistant to corrosion.
- All the "Round" and "Square" shape cages can be made to order by customer's request.
- Consultancy & installation service as well as manufacturing a range of farming items is provided upon request.

< Fish Farming System Simulation >





Farming Cage Systems

HDPE Pipe
Farming Cage Items



FLOATING RIGID CAGES



SUBMERSIBLE RIGID CAGES



FISH FARMING

HDPE PIPE

KS M 3408-2
ISO 4427



Diameter (m)	Thickness (mm)			Length (m)
	SDR 11	SDR 13.6	SDR 17	
110	10.0 - 11.1	8.1 - 9.1	6.6 - 7.4	6,9
125	11.4 - 12.7	9.2 - 10.3	7.4 - 8.3	6,9
140	12.7 - 14.1	10.3 - 11.5	8.3 - 9.3	6,9
160	14.6 - 16.2	11.8 - 13.1	9.5 - 10.6	6,9
180	16.4 - 18.2	13.3 - 14.8	10.7 - 11.9	6,9
200	18.2 - 20.2	14.7 - 16.3	11.9 - 13.2	6,9
225	20.5 - 22.7	16.6 - 18.4	13.4 - 14.9	6,9
250	22.7 - 25.1	18.4 - 20.4	14.8 - 16.4	6,9
280	25.4 - 28.1	20.6 - 22.8	16.6 - 18.4	6,9
315	28.6 - 31.6	23.2 - 25.7	18.7 - 20.7	6,9
355	32.2 - 35.6	26.1 - 28.9	21.1 - 23.4	6,9
400	36.3 - 40.1	29.4 - 32.5	23.7 - 26.2	6,9
450	40.9 - 45.1	33.1 - 36.6	26.7 - 29.5	6,9
500	45.4 - 50.1	36.8 - 40.6	29.7 - 32.8	6,9
560	50.8 - 56.0	41.2 - 45.5	33.2 - 36.7	6,9
630	57.2 - 63.1	46.3 - 51.1	37.4 - 41.3	6,9
710	-	52.2 - 57.6	42.1 - 46.5	6,9
800	-	58.8 - 64.8	47.4 - 52.3	6,9
900	-	-	53.3 - 58.8	6,9
1000	-	-	59.3 - 65.4	6,9



FARMING CAGE ITEMS (PARTS)



• • TOWING REFLECTOR



• • STEEL HINGE



• • HANDRAIL STANCHION



• • BRACKET



• • MOORING BUOY



• • ROD



• • U - BLOCK : 1 LINE



• • Z - BLOCK : 2 LINE

POT

FISHING GEAR

Purse Seine
Trawl
Fish Farming
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 better intensity and high resistance because of using special steel as well as special coating nets. 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. So, our buyer from Chile has been satisfied with KTI's crab pot.

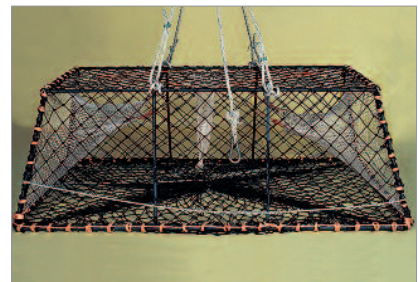
Finally, we are sure to increase profits of your company and we do our best to meet the pot fishing ground's needs.



● ● Enddoor Crab Pot



● ● Pyramid Crab Pot



● ● Cod Pot



● ● Round Cone Crab Pot



● ● Trumpet Pot



● ● Shrimp Pot

NET & ROPE

PRIME NET

NET

ROPE

Net & Rope

Prime Net
Net
Rope



PRIME NET is new high performance netting which has been developed over three years by the R&D center of the KTI & LG Chemical. Extensive testing and analysis have finally enabled us to present you this new material as follows :

- Approx. 50% stronger than standard braided polyethylene netting.
- Approx. 15% stronger than nylon netting of same runnage

PRIME NET has the following advantages :

- Single mesh in stead of double can be used in larger codends.
- Smaller twine can be used in existing trawls so greater towing speed can be achieved.
- Lower fuel consumption.
- Clean fishing, easy handling and good knots stability.
- Good abrasive resistance and stable elongation.

NET

MID WATER TRAWL APPLICATIONS

- **PRIME NET** is made with filaments that are stronger than nylon fibers.
- **PRIME NET** has characteristics which is very suitable for mid water trawl applications :
- Good elongation
- Good shock absorption
- Good stretch recovery
- High strength, high abrasion resistance



BOTTOM TRAWL APPLICATIONS

This is one of significant point where is a big advantage in using **PRIME NET**.

- Smaller diameter twines can be used for the same breaking strength.
- You can choose lighter weight trawls or stronger trawls with KTI's **PRIME NET**.

PRIME NET SPECIFICATIONS

PRIME BRAIDED	
Diameter (mm)	Breaking Strength (kgf)
2.5	149.4
3	229.1
4	374.6
5	502.8
6	720.3
7	857.5
8	1096.2

BM nets, 4 strand braided knotless netting,
weave together a total of 8 threads without making knot at intersection.



The Benefits of BM

- ❶ Sturdy intersection
- ❷ Smooth surface, high abrasion resistance
- ❸ Stays strong when a thread breaks
- ❹ No distortion
- ❺ Available high-performance "super fiber"
- ❻ Applicable for interior net using color threads



▲ BM Braided Knotless Net



▲ MUKETSU intersection

BM intersection ▶



Net Material	Dyneema	H-EX	Nylon	Prime
Twine Size(Ply)	2~312	24~600	24~600	40~1200

Usage

- Purse seine Net
- Bonito and Tuna Net
- Bag Net, Aze Net
- Fish Farming Net
- Sports Net
- Safety Net

BM Silver Net

- Material : Dyneema
- Color : white
- Mesh : diamond mesh
- Treated : clear coating
- Increase in length at break : 12-13%



BM H-EX Net

- Material : H-EX
- Color : Black
- Mesh : diamond mesh



BM Nylon Net

- Material : Nylon
- Color : 24 to 240 ply white, 360 to 1,200 ply white or black
- Mesh : diamond mesh
- Treated : 24 to 240 ply water base clear coating, 360 to 1,200 ply oil base clear coating
- Increase in length at break : 50-60%



BM PE Net

- Material : high-tenacity polyethylene
- Color : black
- Mesh : diamond mesh
- Increase in length at break : 12-13%



NET

Braided Knotted Netting is structually more stable than Twisted Knoted net.

- Not slip the mesh easily
- Applicable to use different thickness twine in one net
- Applicable to make small mesh size with thicker net
- Easy to repair net
- High production rate compare with knotless net
- Various mesh depth
- High elongation by knot part



Net Material	H-EX	Nylon	Prime
Twine Size(mm)	1.5~6.0	1.5~6.0	2.5~8.0

Usage

- Trawl Net
- Fish Farming
- Safety Net
- Sports Net

H-EX Braided Net



Nylon Braided Net



Prime Braided Net





Prime Net
Net
Rope



MUKETSU nets, 2 strand twisted knotless netting, weave 4 threads without making knot at intersection.



MUKETSU - The Knotless Net



Knotted net

- ① Sturdy intersection
- ② Smooth surface, high abrasion resistance
- ③ No distortion
- ④ Available high-performance "super fiber"
- ⑤ Applicable for interior net using color threads

Usage

- Purse seine Net
- Fish Farming Net
- Construction sites
- Sports Net



Net Material	H-EX	Nylon	Prime
Twine Size(ply)	10~400	10~400	10~200

H-EX Braided Net



Nylon Knotless Net



PE Knotless Net



NET

Twisted 3Strands Netting has more elongation than B/D netting.

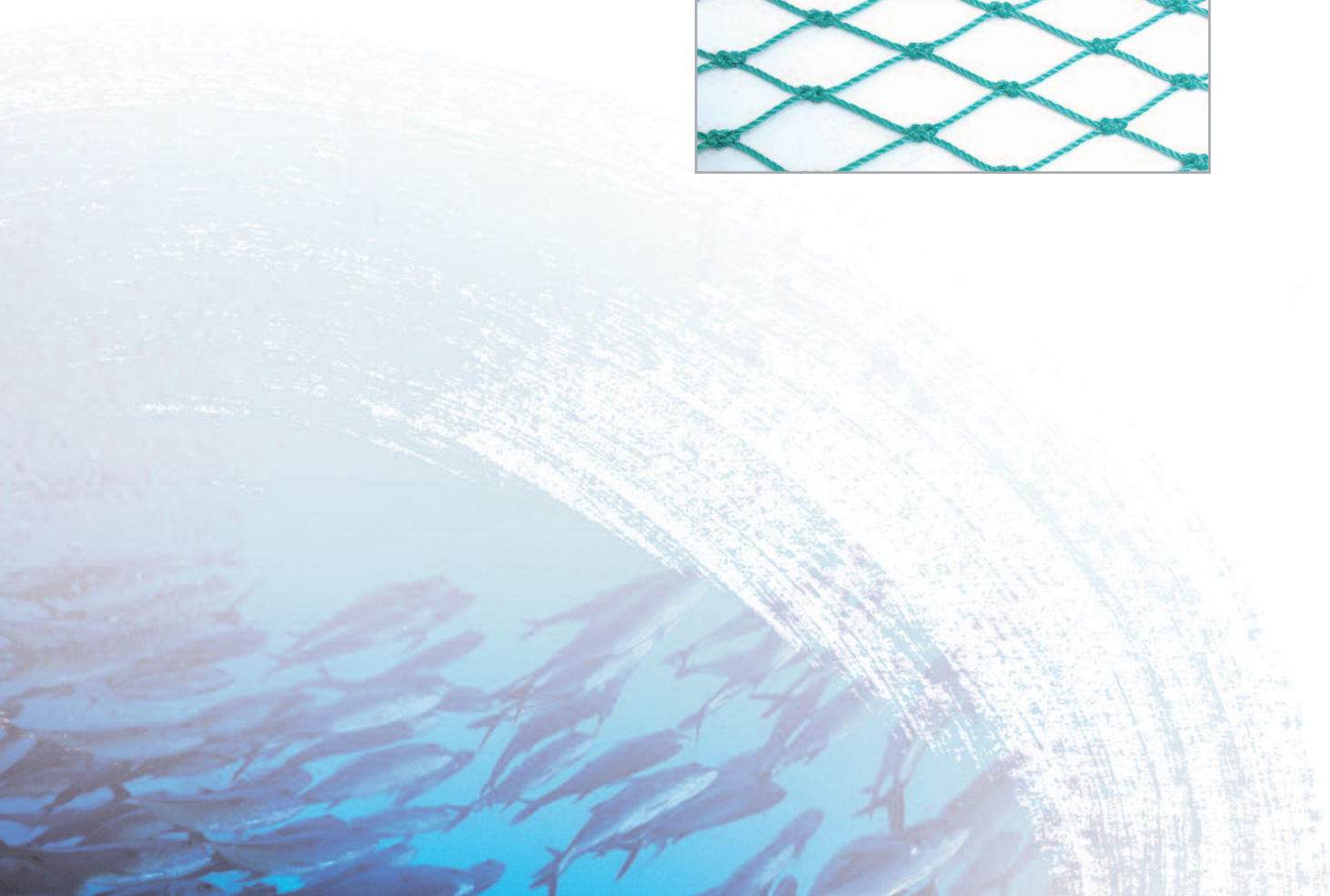
Usage

- Trawl Net
- Safety Net
- Sports Net

Net Material	Prime
Twine Size(Ply)	36~480



PE Twisted Net



Prime Net

**Net
Rope**



AmSteel® - Blue Rope



- Material : Dyneema
- Specific Gravity : 0.98(floots)

Size Diameter INCHES	Size Circumference INCHES	Weight per 100 FT. POUNDS	SRT MBS* POUNDS	Size Diameter Millimeters	Weight Per 100M Kilograms	STR MBS Metric Tonnes	ISO/BS EN919 MBS Metric Tonnes
3/16	9/16	1.0	4,900	5	1.5	2.2	2.4
1/4	3/4	1.6	7,700	6	2.4	3.5	3.9
5/16	1	2.7	12,300	8	4.0	5.6	6.2
3/8	1-1/8	3.6	17,600	9	5.4	8.0	8.9
7/16	1-1/4	4.2	21,500	11	6.2	9.8	10.8
1/2	1-1/2	6.4	30,600	12	9.5	13.9	15.4
9/16	1-3/4	7.9	36,500	14	11.8	16.5	18.4
5/8	2	10.2	47,500	16	15.2	21.5	23.9
3/4	2-1/4	13.3	58,000	18	19.8	26.3	29.2
7/8	2-3/4	19.6	81,700	22	29.2	37.1	41.2
1	3	21.8	98,100	24	32.4	44.5	49.4
1-1/16	3-1/4	27.5	118,000	26	40.9	53.6	59.6
1-1/8	3-1/2	31.9	133,000	28	47.5	60.4	67.1
1-1/4	3-3/4	36.2	149,000	30	53.9	67.5	75.0
1-5/16	4	41.8	166,000	32	62.2	75.2	83.6
1-3/8	4-1/8	45.0	185,000	34	67.0	83.9	93.2
1-1/2	4-1/2	51.7	205,000	36	76.9	93.0	103.0
1-5/8	5	65.2	255,000	40	97.0	116.0	128.0
1-3/4	5-1/2	78.4	302,000	44	117.0	137.0	152.0
2	6	87.0	343,000	48	129.0	155.0	173.0
2-1/8	6-1/2	109.0	411,000	52	162.0	186.0	207.0
2-1/4	7	116.0	484,000	56	173.0	219.0	244.0
2-1/2	7-1/2	148.0	529,000	60	220.0	240.0	267.0
2-5/8	8	167.0	595,000	64	248.0	270.0	300.0
2-3/4	8-1/2	187.0	662,000	68	278.0	300.0	333.0
3	9	206.0	748,000	72	307.0	339.0	377.0
3-1/4	10	240.0	906,000	80	357.0	411.0	457.0

ROPE

SuperMax[®] Rope



- Material : UHMWPE
- Specific Gravity : 0.97
- Elongation : 4-5%

Dia.		Circ.	Weight			Breaking Strength	
mm	Inch	Inch	KGS/100M	LBS/100FT	LBS/100FM	Ton	kN
6	1/4	3/4	2.3	1.55	9.28	4.2	41.2
8	5/16	1	3.9	2.62	15.72	6.7	65.7
10	13/32	1-1/4	5.9	3.96	23.76	10.8	105.9
12	15/32	1-1/2	9.5	6.38	38.30	16.5	161.9
14	9/16	1-3/4	12.8	8.60	51.60	22.0	215.8
16	5/8	2	16.0	10.75	64.51	27.5	269.8
18	23/32	2-1/4	20.8	13.98	83.86	35.0	343.3
20	13/16	2-1/2	25.5	17.14	102.81	41.5	407.1
22	7/8	2-3/4	30.5	20.50	122.97	50.0	490.5
24	15/16	3	35.8	24.06	144.34	58.0	569.0
26	1-1/32	3-1/4	41.0	27.55	165.31	66.0	647.4
28	1-1/8	3-1/2	46.5	31.25	187.48	74.0	725.9
30	1-3/16	3-3/4	52.0	34.94	209.66	81.5	799.5
32	1-1/4	4	57.0	38.30	229.81	88.5	868.2
34	1-11/32	4-1/4	62.5	42.00	251.99	96.0	941.2
36	1-7/16	4-1/2	68.0	45.69	274.14	104.0	1,020.2
38	1-1/2	4-3/4	74.0	49.72	298.55	112.0	1,098.7
40	1-19/32	5	84.0	56.44	338.89	127.0	1,245.8
42	1-21/32	5-1/4	93.0	62.49	375.20	140.0	1,373.3
44	1-3/4	5-1/2	102.0	68.54	411.24	152.0	1,491.1
46	1-13/16	5-5/8	111.0	74.59	447.54	165.0	1,618.6
48	1-7/8	6	121.0	81.31	487.86	179.0	1,755.9
50	2	6-1/4	131.0	88.03	528.18	193.0	1,893.3
52	2-1/16	6-1/2	141.0	94.75	568.50	206.0	2,020.8
56	2-1/4	7	163.0	109.53	657.18	236.0	2,315.1
60	2-3/8	7-1/2	175.0	117.59	705.54	252.0	2,472.0
64	2-1/2	8	200.0	134.39	806.34	282.0	2,766.3
68	2-11/16	8-1/2	226.0	151.86	911.16	316.0	3,099.9
72	2-7/8	9	254.0	170.68	1,024.08	348.0	3,413.8
80	3-5/32	10	313.0	210.32	1,261.92	422.0	4,139.7
88	3-7/16	11	379.0	171.68	1,030.08	503.0	4,934.3
96	3-13/16	12	451.0	303.05	1,818.30	588.0	5,768.1

Teramax Rope

- Material : UHMWPE
- Specific Gravity : 0.97
- Elongation : 4%

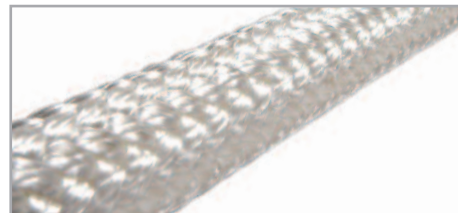


Dia.		Circ.	Weight		MBL	
Inch	mm	Inch	100m/kg	100ft/lb	ton	kN
1-1/8	28	3-1/2	46.5	31.25	74.0	725.9
1-1/4	32	4	57.0	39.30	88.5	868.2
1-7/16	36	4-1/2	68.0	45.69	104.0	1,020.2
1-9/16	40	5	84.0	56.45	127.0	1,245.8
1-3/4	44	5-1/2	102.0	68.54	152.0	1,491.1
1-7/8	48	6	121.0	81.31	179.0	1,755.9
2-1/16	52	6-1/2	141.0	94.75	206.0	2,020.8
2-1/4	56	7	163.0	109.53	236.0	2,315.1
2-3/8	60	7-1/2	175.0	117.59	252.0	2,472.0
2-1/2	64	8	200.0	134.39	282.0	2,766.3
2-7/8	72	9	254.0	170.68	348.0	3,413.8
3-5/32	80	10	313.0	210.32	422.0	4,139.7
3-7/16	88	11	379.0	254.74	503.0	4,934.3
3-13/16	96	12	451.0	303.05	588.0	5,768.1

• ± 5% tolerance according to ISO 2307

Teramax Plus Rope

- Material : UHMWPE + POLYESTER
- Specific Gravity : 1.03
- Elongation : 4-5%



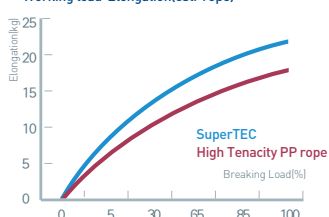
Dia.		Circ.	Weight		MBL	
Inch	mm	Inch	100m/kg	100ft/lb	ton	kN
1-1/8	28	3-1/2	50.0	33.60	63.0	618.6
1-1/4	32	4	64.0	43.01	74.0	726.6
1-7/16	36	4-1/2	78.9	53.02	93.0	913.2
1-9/16	40	5	94.8	63.70	114.0	1,002
1-3/4	44	5-1/2	111.0	74.60	135.0	1,326
1-7/8	48	6	137.0	92.06	165.0	1,620
2-1/16	52	6-1/2	160.0	107.50	195.0	1,915
2-1/4	56	7	183.0	123.00	230.0	2,258
2-3/8	60	7-1/2	205.0	137.80	263.0	2,583
2-1/2	64	8	236.0	158.60	308.0	3,024
2-7/8	72	9	295.0	198.20	380.0	3,731
3-5/32	80	10	359.0	241.20	458.0	4,497
3-7/16	88	11	421.0	282.90	540.0	5,303
3-13/16	96	12	511.0	343.40	626.0	6,147

• ± 5% tolerance according to ISO 2307

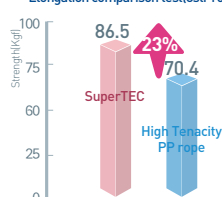
ROPE

SuperTEC[®] Rope

Working load-Elongation(8str rope)



Elongation comparison test(8str rope-65mm)



NEW SuperTEC 3-Strand Rope

Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton
6	1/4	3/4	3.5	0.85
8	5/16	1	6	1.45
9	3/8	1-1/8	7.6	1.83
10	13/32	1-1/4	9	2.19
12	15/32	1-1/2	13.2	3.20
14	9/16	1-3/4	18.2	4.25
16	5/8	2	23.2	5.4
18	23/32	2-1/4	29.8	6.9
20	13/16	2-1/2	35.8	8.2
22	7/8	2-3/4	44	10
24	15/16	3	52	11.8
26	1-1/32	3-1/4	61.2	13.6
28	1-1/8	3-1/2	71	15.6
30	1-3/16	3-3/4	82.2	17.5
32	1-1/4	4	92	19.6
36	1-7/16	4-1/2	116	24.2
40	1-19/32	5	143	29.6
44	1-3/4	5-1/2	177	36.5
48	1-7/8	6	208	42.5
52	2-1/16	6-1/2	244	49
56	2-1/4	7	284	55.4
60	2-3/8	7-1/2	326	62.5
64	2-1/2	8	370	71.2
70	2-3/4	8-11/16	442	84.7
72	2-7/8	9	468	89.6
80	3-5/32	10	580	110.7
88	3-7/16	11	702	133.3
96	3-13/16	12	834	158.4
100	3-15/16	12-3/8	904.6	171.8



Prime Net
Net
Rope



SuperTEC is the stronger rope among PP, PE and Polyolefin ropes. For Same breaking strength, smaller size of SuperTEC can replace regular PP rope. IT shows higher abrasion resistance than general PP rope. And smaller size of SuperTEC rope leads to saving working hours and labor cost. It is easy to handle because it floats and does not absorb water.

NEW SuperTEC 8-Strand Rope

Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton
24	15/16	3	57.6	13.4
28	1-1/8	3-1/2	78.8	17.8
32	1-1/4	4	102.2	22.7
36	1-7/16	4-1/2	128.2	28.3
40	1-9/16	5	158.2	34.9
44	1-3/4	5-1/2	195.4	41.7
45	1-25/32	5-5/8	204	43.5
48	1-7/8	6	229	48.9
50	2	6-1/4	249	52.2
52	2-1/16	6-1/2	268	56.5
55	2-5/32	6-7/8	301	62.6
56	2-1/4	7	312	64.9
60	2-3/8	7-1/2	358	74.4
64	2-1/2	8	407.2	8.9
65	2-9/16	8-1/16	420	86.5
68	2-11/16	8-1/2	460	95.4
70	2-3/4	8-11/16	487	101.1
72	2-7/8	9	516	105.5
75	3	9-1/4	559	114.5
80	3-5/32	10	638	129.9
85	3-3/8	10-1/2	721	146.1
88	3-7/16	11	772	156.9
90	3-9/16	11-1/8	807	164.0
95	3-3/4	11-3/4	899	180.1
96	3-13/16	12	981	184.0
100	3-15/16	12-3/8	996	199.7
104	4-1/8	13	1,072	216.0
112	4-7/16	14	1,246	250.5
120	4-3/4	15	1,436	287.6

NEW SuperTEC 12-Strand Rope

Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton
36	1-7/16	4-1/2	128.2	29.6
40	1-9/16	5	158.2	36.3
44	1-3/4	5-1/2	195.4	43.5
48	1-7/8	6	229	50.9
52	2-1/16	6-1/2	268	58.8
56	2-1/4	7	312	67.3
60	2-3/8	7-1/2	358	77.0
64	2-1/2	8	407.2	86.6
68	2-11/16	8-1/2	460	98.4
72	2-7/8	9	516	109.4
80	3-5/32	10	638	134.1
88	3-7/16	11	772	161.3
96	3-13/16	12	918	190.3
104	4-1/8	13	1,072	222.7
112	4-7/16	14	1,246	257.6
120	4-3/4	15	1,436	296.1

SUPERTEC L10 ROPE 8-Strand Rope

Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton
40	1-9/16	5	128.8	26.2
44	1-3/4	5-1/2	159.4	31.3
48	1-7/8	6	187.2	36.4
52	2-1/16	6-1/2	219.6	42.8
56	2-1/4	7	255.6	50.2
60	2-3/8	7-1/2	293.4	57.7
64	2-1/2	8	333.0	65.5
68	2-11/16	8-1/2	376.2	74.0
72	2-7/8	9	421.2	82.8
80	3-5/32	10	522.0	101.7
88	3-7/16	11	631.8	123.0
96	3-13/16	12	750.6	144.8
104	4-1/8	13	877.6	169.3
112	4-7/16	14	1,018.8	196.6
120	4-3/4	15	1,175.4	224.6

ROPE

Nylon Rope



Nylon 3-Strand Rope

Dia.		Circ.	Weight	Breaking Strength	Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton	mm	Inch	Inch	KGS/200M	Ton
4	5/32	1-2	1.95	0.36	38	1-1/2	4-3/4	174	28.2
5	3/16	5/8	3.00	0.57	40	1-19/32	5	191	31.0
6	1/4	3/4	4.50	0.76	42	1-21/32	5-1/4	213	33.8
7	9/32	7/8	6.2	1.05	44	1-3/4	5-1/2	240	37.0
8	5/16	1	7.75	1.39	45	1-13/16	5-5/8	244	37.8
9	3/8	1-1/8	9.8	1.75	48	1-7/8	6	277	43.0
10	13/32	1-1/4	12.1	2.13	50	2	6-1/4	303	46.3
11	7/16	1-3/8	15	2.6	52	2-1/16	6-1/2	328	50.0
12	15/32	1-1/2	17.6	3.04	55	2-5/32	6-7/8	367	55.0
13	1/2	1-5/8	21	3.57	56	2-1/4	7	386	57.0
14	9/16	1-3/4	23.9	4.18	60	2-3/8	7-1/2	438	64.5
16	5/8	2	30.8	5.38	64	2-1/2	8	504	73.0
18	23/32	2-1/4	38.7	6.88	65	2-9/16	8-1/16	513	75.0
19	3/4	2-3/8	44.2	7.65	70	2-3/4	8-11/16	596	86.0
20	13/16	2-1/2	48.0	8.45	72	2-7/8	9	638	91.0
22	7/8	2-3/4	57.9	10.4	75	3	9-1/4	683	98.7
24	15/16	3	69.5	12.3	80	3-5/32	10	777	111.5
25	1	3-1/8	77.6	13.4	85	3-3/8	10-1/2	874	126.0
26	1-1/32	3-1/4	81.3	14.5	88	3-7/16	11	954	135.0
28	1-1/8	3-1/2	95.3	16.2	90	3-9/16	11-1/8	980	139.0
30	1-3/16	3-3/4	108	18.3	95	3-3/4	11-3/4	1080	154.0
32	1-1/4	4	123	20.6	96	3-13/16	12	1136	158.0
34	1-11/32	4-1/4	139	23.2	100	3-15/16	12-3/8	1200	170.0
36	1-7/16	4-1/2	160	25.7					

Nylon Rope is two times stronger than Manila rope. It has high elongation (under load) when compared to other synthetic ropes. Nylon has high energy absorption under shock and good abrasion resistance. When combined, these characteristics makes nylon rope the best in hand-ing combined to other synthetics. It's utilized extensively in marine use such as mooring lines, towing slings, commercial fishing, utility rope, leasure boat, seiling etc.

Nylon 8-Strand Rope

Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton
24	15/16	3	71.0	13.4
28	1-1/8	3-1/2	97.0	17.8
32	1-1/4	4	126.0	22.5
36	1-7/16	4-1/2	160.0	28.2
40	1-9/16	5	198.0	34.0
44	1-3/4	5-1/2	240.0	40.5
45	1-25/32	5-5/8	249.6	42.1
48	1-7/8	6	284.0	47.5
50	2	6-1/4	307.0	51.3
52	2-1/16	6-1/2	332.0	55.0
55	2-5/32	6-7/8	372.4	61.0
56	2-1/4	7	386.0	62.5
60	2-3/8	7-1/2	442.0	70.5
64	2-1/2	8	504.0	80.0
65	2-9/16	8-1/16	520.0	82.0
68	2-11/16	8-1/2	570.0	90.0
70	2-3/4	8-11/16	604.0	95.0
72	2-7/8	9	638.0	100.0
75	3	9-1/4	692.0	108.0
80	3-5/32	10	788.0	123.0
85	3-3/8	10-1/2	890.0	138.0
88	3-7/16	11	954.0	145.0
90	3-9/16	11-1/8	998.0	151.0
95	3-3/4	11-3/4	1,120.0	168.0
96	3-13/16	12	1,136.0	170.0
100	3-15/16	12-3/8	1,232.0	184.0
104	4-1/8	13	1,332.0	200.0
112	4-7/16	14	1,544.0	210.0
120	4-3/4	15	1,774.0	255.0

Nylon 12-Strand Rope

Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton
36	1-7/16	4-1/2	166	29.8
40	1-9/16	5	200	35.0
44	1-3/4	5-1/2	242	42.3
48	1-7/8	6	286	49.5
52	2-1/16	6-1/2	336	58.7
56	2-1/4	7	402	69.6
60	2-3/8	7-1/2	452	77.9
64	2-1/2	8	504	86.6
68	2-11/16	8-1/2	572	98.0
72	2-7/8	9	660	112.0
80	3-5/32	10	806	133.0
88	3-7/16	11	956	157.0
96	3-13/16	12	1,138	191.0
104	4-1/8	13	1,332	210.0
112	4-7/16	14	1,544	228.0
120	4-3/4	15	1,774	270.0

ROPE

Polyester Rope



Polyester 3-Strand Rope

Dia.		Circ.	Weight	Breaking Strength	Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton	mm	Inch	Inch	KGS/200M	Ton
4	5/32	1-2	2.36	0.30	38	1-1/2	4-3/4	220.0	21.60
5	3/16	5/8	3.74	0.39	40	1-19/32	5	243.0	24.00
6	1/4	3/4	5.40	0.60	42	1-21/32	5-1/4	267.4	25.90
7	9/32	7/8	7.40	0.78	44	1-3/4	5-1/2	293.6	28.40
8	5/16	1	9.60	1.02	45	1-13/16	5-5/8	307.6	29.40
9	3/8	1-1/8	12.4	9	48	1-7/8	6	350.0	33.50
10	13/32	1-1/4	15.2	1.60	50	2	6-1/4	379.0	36.20
11	7/16	1-3/8	18.4	1.90	52	2-1/16	6-1/2	410.0	39.10
12	15/32	1-1/2	22.0	2.30	55	2-5/32	6-7/8	460.0	43.20
13	1/2	1-5/8	25.6	2.70	56	2-1/4	7	476.0	44.80
14	9/16	1-3/4	29.6	3.20	60	2-3/8	7-1/2	546.0	49.80
16	5/8	2	39.0	4.10	64	2-1/2	8	622.0	57.90
18	23/32	2-1/4	49.0	5.10	65	2-9/16	8-1/16	642.0	58.70
19	3/4	2-3/8	54.6	5.70	70	2-3/4	8-11/16	743.0	68.10
20	13/16	2-1/2	60.6	6.30	72	2-7/8	9	786.0	72.10
22	7/8	2-3/4	73.4	7.60	75	3	9-1/4	852.0	77.70
24	15/16	3	87.4	9.10	80	3-5/32	10	970.0	88.40
25	1	3-1/8	94.6	9.89	85	3-3/8	10-1/2	1096	98.90
26	1-1/32	3-1/4	102.4	10.70	88	3-7/16	11	1174	106.0
28	1-1/8	3-1/2	118.8	12.20	90	3-9/16	11-1/8	1228	110.9
30	1-3/16	3-3/4	136.4	13.70	95	3-3/4	11-3/4	1370	122.7
32	1-1/4	4	155.6	15.70	96	3-13/16	12	1398	125.4
34	1-11/32	4-1/4	175.2	17.40	100	3-15/16	12-3/8	1516	136.1
36	1-7/16	4-1/2	196.4	19.40					

Polyester rope exceeds double the strength of Manila rope, has a lower elongation, high strength, with excellent resistance to outer and internal wearing compared to all synthetic and natural fiber ropes. Recommended for use in rinning, tree rope, truck rope, antenna guys and sail boats.

Polyster 8-Strand Rope

Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton
24	15/16	3	87.4	13.4
28	1-1/8	3-1/2	118.8	17.8
32	1-1/4	4	155.6	22.5
36	1-7/16	4-1/2	196.4	28.2
40	1-9/16	5	242	34.0
44	1-3/4	5-1/2	294	40.5
45	1-25/32	5-5/8	306	42.1
48	1-7/8	6	350	47.5
50	2	6-1/4	378	51.3
52	2-1/16	6-1/2	410	55.0
55	2-5/32	6-7/8	460	61.0
56	2-1/4	7	476	62.5
60	2-3/8	7-1/2	546	70.5
64	2-1/2	8	622	80.0
65	2-9/16	8-1/16	642	82.0
68	2-11/16	8-1/2	702	90.0
70	2-3/4	8-11/16	743	95.0
72	2-7/8	9	786	100.0
75	3	9-1/4	852	108.0
80	3-5/32	10	970	123.0
85	3-3/8	10-1/2	1096	138.0
88	3-7/16	11	1174	145.0
90	3-9/16	11-1/8	1228	151.0
95	3-3/4	11-3/4	1370	168.0
96	3-13/16	12	1398	170.0
100	3-15/16	12-3/8	1516	184.0
104	4-1/8	13	1640	200.0
112	4-7/16	14	1900	210.0
120	4-3/4	15	2180	255.0

Polyster 12-Strand Rope

Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton
36	1-7/16	4-1/2	196.4	29.8
40	1-9/16	5	242	35.0
44	1-3/4	5-1/2	284	42.3
48	1-7/8	6	344	49.5
52	2-1/16	6-1/2	404	58.7
56	2-1/4	7	460	69.6
60	2-3/8	7-1/2	542.0	77.9
64	2-1/2	8	596	86.6
68	2-11/16	8-1/2	672	98.0
72	2-7/8	9	784	112.0
80	3-5/32	10	970	133.0
88	3-7/16	11	1154	157.0
96	3-13/16	12	1394	191.0
104	4-1/8	13	1640	210.0
112	4-7/16	14	1900	228.0
120	4-3/4	15	2280°	270.0

ROPE

Polypropylene Rope



PP DAN 3 S/T

Dia.		Weight	Breaking Strength	Dia.		Weight	Breaking Strength
mm	Inch	KGS/200M	Ton	mm	Inch	KGS/200M	Ton
4	5/32	1.5	0.22	36	1-7/16	122.0	13.7
5	3/16	2.3	0.34	38	1-1/2	135.0	15.1
6	1/4	3.5	0.50	40	1-19/32	152.0	16.7
8	5/16	6.2	0.85	42	1-21/32	167.0	18.5
9	3/8	7.8	1.06	45	1-25/32	191.0	20.7
10	13/32	9.6	1.29	48	1-7/8	218.0	23.6
12	15/32	13.9	1.80	50	2	236.0	25.5
14	9/16	18.8	2.40	52	2-1/16	256.0	27.3
16	5/8	24.2	3.00	55	2-5/32	286.0	30.0
18	23/32	30.8	3.80	60	2-3/8	340.0	35.5
20	13/16	38.0	4.50	65	2-9/16	399.0	41.0
22	7/8	46.0	5.60	70	2-3/4	463.0	47.0
24	15/16	54.7	6.50	75	2-31/32	531.0	53.5
26	1-1/32	63.8	7.50	80	3-5/32	605.0	60.5
28	1-1/8	73.6	8.50	85	3-3/8	683.0	68.0
30	1-3/16	85.2	9.90	90	3-9/16	765.0	75.0
32	1-1/4	96.7	11.0	95	3-3/4	853.0	83.0
34	1-11/32	110.0	12.4	100	3-15/16	945.0	91.5

PP DAN 8 S/T

Dia.		Weight	Breaking Strength	Dia.		Weight	Breaking Strength
mm	Inch	KG/200M	Ton	mm	Inch	KG/200M	Ton
40	1-19/32	142	22.3	75	2-31/32	508	74.0
42	1-21/32	161	24.6	80	3-5/32	580	83.0
45	1-25/32	184	28.0	85	3-3/8	655	93.0
48	1-7/8	208	31.3	90	3-9/16	734	105.0
50	2	226	33.9	95	3-3/4	817	117.0
52	2-1/16	244	36.2	100	3-15/16	905	129.0
55	2-5/32	274	40.5	104	4-1/8	980	122.8
60	2-3/8	326	47.4	112	4-7/16	1,140	141.7
65	2-9/16	370	53.6	120	4-3/4	1,300	162.7
70	2-3/4	440	63.5				

Polyethylene Rope



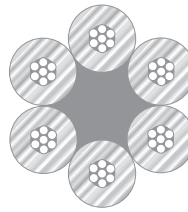
PE 3 S/T

Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton
4	5/32	1/2	1.6	200
5	3/16	5/8	2.5	280
6	1/4	3/4	3.6	400
8	5/16	1	6.4	700
9	3/8	1-1/8	8.1	900
10	13/32	1-1/4	10.0	1,100
12	15/32	1-1/2	15.0	1,500
14	9/16	1-3/4	19.0	2,100
16	5/8	2	25.0	2,800
18	23/32	2-1/4	32.0	3,500
20	13/16	2-1/2	40.0	4,300
22	7/8	2-3/4	48.0	5,100
24	15/16	3	57.0	6,100
26	1-1/32	3-1/4	67.0	6,900
28	1-1/8	3-1/2	78.0	8,200
30	1-3/16	3-3/4	90.0	9,500
32	1-1/4	4	102.0	10,700
34	1-11/32	4-1/4	115.0	12,000
36	1-7/16	4-1/2	129.0	13,500

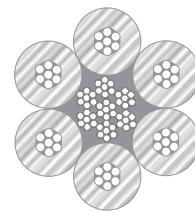
Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton
38	1-1/2	4-3/4	70.8	14,7000
40	1-19/32	5	78.5	16,300
42	1-21/32	5-1/4	86.6	17,900
45	1-13/16	5-5/8	101.1	20,000
48	1-7/8	6	115.0	22,800
50	2	6-1/4	125.0	24,400
52	2-1/16	6-1/2	135.0	26,400
55	2-5/32	6-7/8	151.4	29,300

ROPE

Compound Rope



6×7+FC

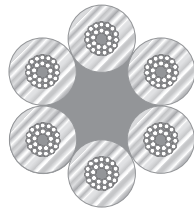


6×7+IWRC

Compound 6-Strand Rope

Dia. mm	6 x 7 + FC		6 x 7 + IWRC	
	Weight (KGS/200M)	Breaking Strength (Ton)	Weight (KGS/200M)	Breaking Strength (Ton)
16	58.0	4.4	78.0	6.2
18	76.0	5.4	102.0	7.6
20	97.0	7.0	128.0	9.6
22	138.0	9.7	176.0	14.3
24	163.0	11.2	209.0	16.9
26	189.0	12.9	242.0	19.1
28	206.0	14.0	284.0	21.8
30	235.0	15.4	326.0	24.9
32	266.0	17.4	378.0	29.2
34	300.0	19.5	436.0	33.7
36	334.0	21.8	483.0	37.4

Prime Net
Net
Rope

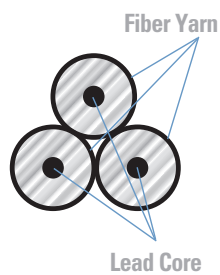


6×24+FC

Dia.	Wire Strand Dia.	Weight	
		P.P DAN C.P.R	KU C.P.R
mm	Inch	KGS/200M	KGS/200M
16	2.00	47.0	52.0
18	2.67	68.0	73.0
20	3.33	92.0	103.0
22	4.00	124.0	138.0
24	4.67	164.0	179.0
26	5.33	210.0	225.0
28	6.00	261.0	275.0
30	6.67	317.0	333.0
32	7.33	376.0	393.0
34	8.00	439.0	457.0
36	8.67	511.0	530.0

ROPE

PP Lead Core Rope

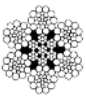
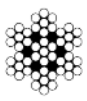
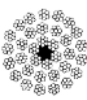
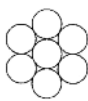


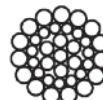
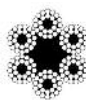
Lead Core rope is manufactured to make the rope sinking into water.
Lead Core ropes are used in commercial fishing, particularly as nets bottom lines.

Dia.		Circ.	Weight	Breaking Strength
mm	Inch	Inch	KGS/200M	Ton
6	1/4	3/4	5.28	0.5
8	5/16	1	9.50	0.85
9	3/8	1-1/8	12.00	1.06
10	13/32	1-1/4	15.00	1.29
12	15/32	1-1/2	21.00	1.8
14	9/16	1-3/4	28.50	2.4
16	5/8	2	37.50	3.0
18	23/32	2-1/4	45	3.8
20	13/16	2-1/2	59	4.5
22	7/8	2-3/4	70	5.6
24	15/16	3	82.5	6.5
26	1-1/32	3-1/4	99	7.5
28	1-1/8	3-1/2	115	8.5
30	1-3/16	3-3/4	127.5	9.9
32	1-1/4	4	142.5	11
34	1-11/32	4-1/4	163	12.4
36	1-7/16	4-1/2	182	12.7
38	1-1/2	4-3/4	203	15.1
40	1-19/32	5	225	16.7
45	1-13/16	5-5/8	285	20.7

B/S : Breaking Strength(TON)

Steel Wire Rope

General Wire Rope							
							
6x7	6x12	6x24	6x30	6x19	6xS(19)	6xW(19)	6xFi(21)
							
6xFi(25)	6xWS(26)	6x37	6xFi(29)	6xWS(31)	6xWS(36)	6xSES(37)	6xWS(41)
							
6x19IWRC	6xS(19)IWRC	6xW(19)IWRC	6xFi(21)IWRC	6xFi(25)IWRC	6xWS(26)IWRC	6x37IWRC	6xFi(29)IWRC
							
6xWS(31)IWRC	6xWS(36)IWRC	6xSES(37)IWRC	7x7	7x19	7x37	8xS(19)	8xW(19)
							
8xFi(25)	8xS(19)IWRC	8xW(19)IWRC	8xFi(25)IWRC	17x7	18x7	19x7	34x7FC
							
35x7FC	1x7	1x19	1x37	3x7	4x7	7x7x7	7x7xS(19)

Various Type of Wire Rope				
				
3 strands	4 strands	6 strands	8 strands	12 strands
				
Seale type	Warrington type	Filler type	Warrington-Seale type	Semi seale type
				
FC	IWRC	IWSC		

ROPE

Standard table of steel wire rope

Dia. (mm)	6x24			6x37				6xS(19), 6xW(19), 6xFi(25), 6xWS(26)			
	Weight (kg/m)	B.S.(ton)		Weight (kg/m)	B.S.(ton)			Weight (kg/m)	B.S.(ton)		
		G-class	A-class		G-class	A-class	B-class		G-class	A-class	B-class
6	0.120	1.68	1.81	0.129	1.81	1.95	2.07	0.139	1.82	2.00	2.13
8	0.212	2.99	3.22	0.230	3.22	3.47	3.70	0.247	3.23	3.55	3.79
10	0.332	4.67	5.03	0.359	5.03	5.42	5.78	0.386	5.04	5.55	5.92
12	0.478	6.72	7.24	0.517	7.25	7.80	8.32	0.556	7.26	8.00	8.52
14	0.651	9.15	9.85	0.704	9.86	10.60	11.30	0.756	9.88	10.90	11.60
16	0.850	12.00	12.90	0.920	12.90	13.90	14.80	0.988	12.90	14.20	15.20
18	1.080	15.10	16.30	1.160	16.30	17.50	18.70	1.250	16.30	18.00	19.20
20	1.330	18.70	20.10	1.440	20.10	21.70	23.10	1.540	20.20	22.20	23.70
22	1.610	22.60	24.30	1.740	24.40	26.20	27.90	1.870	24.40	26.80	28.60
24	1.910	26.90	28.90	2.070	29.00	31.20	33.20	2.220	29.00	32.00	34.00
26	2.240	31.60	33.90	2.430	34.00	36.60	38.90	2.610	34.10	37.50	39.90
28	2.600	36.60	39.40	2.820	39.50	42.50	45.30	3.020	39.50	43.50	46.40
30	2.990	42.00	45.20	3.230	45.30	48.70	52.00	3.470	45.40	50.00	53.30
32	3.400	47.80	51.40	3.680	51.60	55.40	59.00	3.950	51.60	56.80	60.50
34	3.840	54.00	58.00	4.150	58.20	62.50	66.60	4.460	58.30	64.10	68.30
36	4.300	60.50	65.10	4.660	65.30	70.10	74.60	5.000	65.40	71.90	76.50
38	4.790	67.50	72.50	5.190	72.70	78.10	83.20	5.570	72.80	80.10	85.30
40	5.310	74.70	80.40	5.750	80.50	86.70	92.40	6.170	80.60	88.90	94.70
42	5.860	82.40	88.60	6.340	88.80	95.40	102.00	6.810	89.00	97.90	104.00

Dia. (mm)	6xS(19)IWRC, 6xFi(25)IWRC, 6xW(19)IWRC, 6xWS(26)IWRC			6xFi(29), 6xWS(31), 6xWS(36), 6xWS(41), 6xSES(37)				6xFi(29)IWRC, 6xWS(31)IWRC, 6xWS(36)IWRC, 6xWS(41)IWRC, 6xSES(29)IWRC		
	Weight (kg/m)	B.S.(ton)		Weight (kg/m)	B.S.(ton)			Weight (kg/m)	B.S.(ton)	
		A-class	B-class		G-class	A-class	B-class		A-class	B-class
6	0.155	2.28	2.42	0.142	1.85	2.04	2.17	0.158	2.33	2.48
8	0.275	4.05	4.31	0.253	3.29	3.63	3.87	0.282	4.15	4.41
10	0.430	6.34	6.75	0.396	5.14	5.67	6.04	0.440	6.49	6.90
12	0.619	9.12	9.69	0.570	7.41	8.15	8.67	0.634	9.33	9.91
14	0.843	12.40	13.20	0.776	10.10	11.10	11.80	0.836	12.70	13.50
16	1.100	16.20	17.30	1.010	13.20	14.50	15.50	1.130	16.60	17.70
18	1.390	20.50	21.90	1.280	16.70	18.40	19.60	1.430	21.00	22.40
20	1.720	25.40	27.00	1.580	20.60	22.70	24.20	1.760	25.90	27.60
22	2.080	30.60	32.60	1.920	24.90	27.40	29.20	2.130	31.30	33.30
24	2.480	36.50	38.80	2.280	29.70	32.60	34.70	2.530	37.30	39.70
26	2.910	42.80	45.50	2.680	34.80	38.30	40.70	2.980	43.80	46.50
28	3.370	49.70	52.90	3.100	40.30	44.40	47.40	3.450	50.90	54.10
30	3.870	57.10	60.70	3.560	46.30	51.00	54.40	3.960	58.40	62.10
32	4.400	64.80	68.90	4.050	52.70	58.00	61.70	4.510	66.40	70.50
34	4.970	73.20	77.80	4.500	59.50	65.50	69.60	5.090	74.90	79.60
36	5.570	82.10	87.20	5.130	66.70	73.40	78.10	5.700	84.00	89.20
38	6.210	91.40	97.20	5.720	74.30	81.80	87.00	6.360	93.60	99.40
40	6.880	101.00	108.00	6.330	82.30	90.70	96.60	7.040	104.00	110.00
42	7.590	112.00	119.00	6.980	90.80	99.90	106.00	7.760	114.00	121.00

FISHING HARDWARE

BLOCK

SHACKLE

CHAIN

LINK / RING / HOOK

FOOT ROPE GEAR

COURSE (THIMBLE)

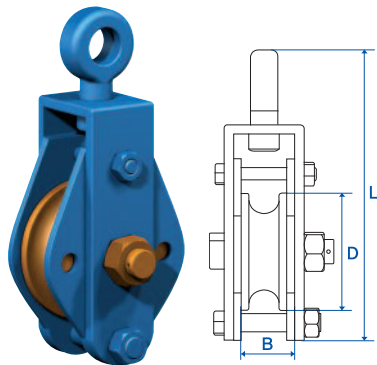
SWIVEL / TURNBUCKLE

FLOAT / BUOY

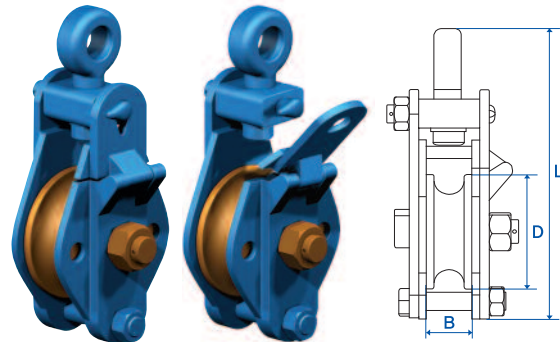
TOOLS

GLOVE / CLOTHING / BOX

JIN BLOCK



<Standard Type>



<Snatch Type>

Standard type

Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
JBST 10	100	32	210	1.0	3.7
JBST 14	125	38	240	1.4	5.0
JBST 20	140	44	275	2.0	7.0
JBST 22	150	44	300	2.2	7.6
JBST 27	180	50	350	2.7	11.5
JBST 40	200	60	380	4.0	17.5
JBST 50	250	75	420	5.0	30.0

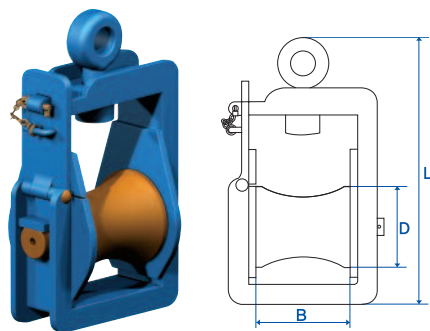
Snatch type

Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
JBSN 10	100	32	210	1.0	3.5
JBSN 14	125	38	230	1.4	4.8
JBSN 20	140	45	260	2.0	8.0
JBSN 22	150	45	290	2.2	8.6
JBSN 27	180	50	320	2.7	11.5
JBSN 40	200	60	370	4.0	17.5
JBSN 50	250	75	400	5.0	29.0

* S.W.L. : Safety Working Load

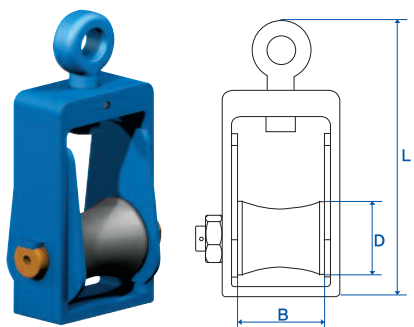


TOP ROLLER BLOCK



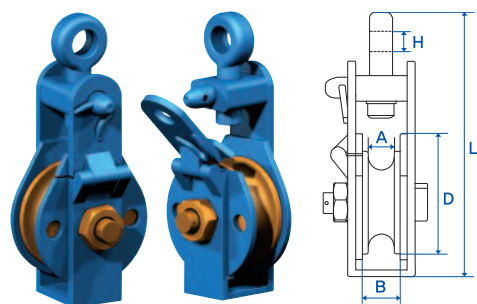
Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
K TRB 030	220	156	420	3	100
K TRB 050	280	165	480	5	160
K TRB 070	300	190	845	7	240
K TRB 100	380	195	960	10	380
K TRB 120	380	230	1040	12	420
K TRB 150	500	260	1165	15	550

WIDE ROLLER BLOCK



Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
K WRB 030	140	70	390	3	18
K WRB 050	150	140	485	5	30
K WRB 070	170	140	525	7	38
K WRB 100	240	170	575	10	92
K WRB 150	300	180		15	130
K WRB 200	350	200		20	185
K WRB 250	350	200		25	195

STANDARD SNATCH BLOCK

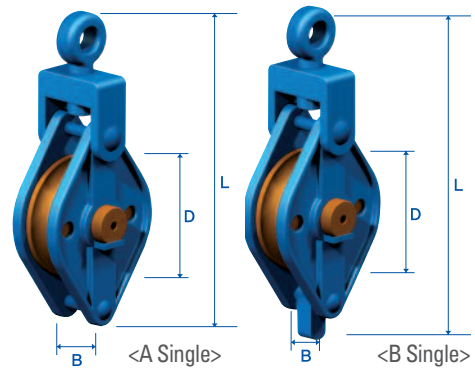


Code	Dimensions (mm)					B.T.L. (ton)	Weight (kg)
	D	A	B	L	H		
K SW 100	150	26	38	390	34	5	12
K SW 300	200	26	38	485	40	10	22
K SW 500	200	34	50	525	45	15	28
K SW 1000	200	59	75	570	51	20	40

FISH TACKLE BLOCK

- Single Sheave

Off type - A Single



Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
FTOSA 03	235	37	490	3	24
FTOSA 05	235	37	515	5	28
FTOSA 10	235	37	540	10	36
FTOSA 15	235	37	580	15	44
FTOSA 20	235	37	610	20	51
FTOSA 40	240	37	1,100	40	120

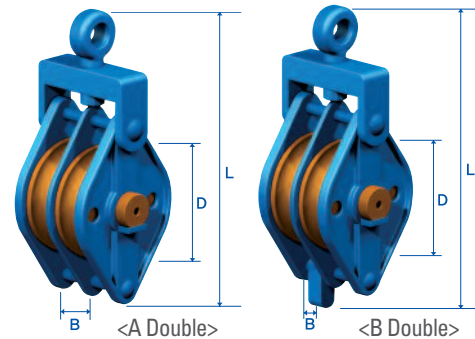
Off type - B Single

Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
FTOSB 03	235	37	558	3	25
FTOSB 05	235	37	590	5	29
FTOSB 10	235	37	630	10	38
FTOSB 15	235	37	680	15	46
FTOSB 20	235	37	720	20	54
FTOSB 40	240	37	1,150	40	125

FISH TACKLE BLOCK

- Double Sheave

Off type - A Double



Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
FTODA 03	235	37	490	3	34
FTODA 05	235	37	515	5	39
FTODA 10	235	37	540	10	48
FTODA 15	235	37	580	15	58
FTODA 20	235	37	610	20	67
FTODA 40	240	37	1,100	40	195

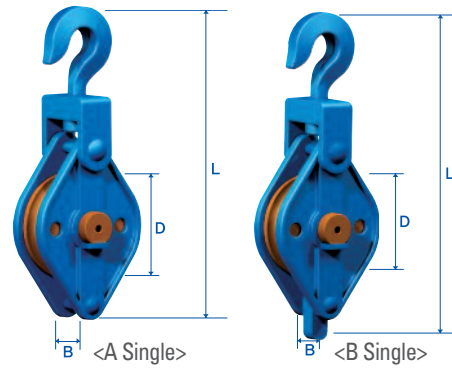
Off type - B Double

Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
FTODB 03	235	37	558	3	35
FTODB 05	235	37	590	5	40
FTODB 10	235	37	630	10	50
FTODB 15	235	37	680	15	60
FTODB 20	235	37	720	20	70
FTODB 40	240	37	1,150	40	200



FISH TACKLE BLOCK

Hook type - A Single



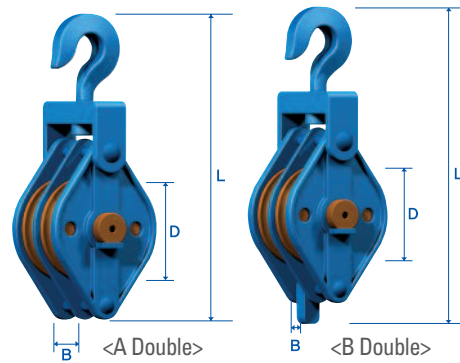
Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
 FTHSA 03	235	37	615	3	29
 FTHSA 05	235	37	650	5	39
 FTHSA 10	235	37	705	10	50
 FTHSA 15	235	37	750	15	60
 FTHSA 20	235	37	790	20	74
 FTHSA 40	240	37	1,300	40	130

Hook type - B Single

Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
 FTHSB 03	235	37	680	3	30
 FTHSB 05	235	37	725	5	39
 FTHSB 10	235	37	795	10	52
 FTHSB 15	235	37	850	15	63
 FTHSB 20	235	37	900	20	77
 FTHSB 40	240	37	1,450	40	135

FISH TACKLE BLOCK

Hook type - A Double



Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
 FTHDA 03	235	37	615	3	39
 FTHDA 05	235	37	650	5	49
 FTHDA 10	235	37	705	10	62
 FTHDA 15	235	37	750	15	75
 FTHDA 20	235	37	790	20	90
 FTHDA 40	240	37	1,300	40	185

Hook type - B Double

Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	D	B	L		
 FTHDB 03	235	37	680	3	39
 FTHDB 05	235	37	725	5	49
 FTHDB 10	235	37	795	10	62
 FTHDB 15	235	37	850	15	75
 FTHDB 20	235	37	900	20	90
 FTHDB 40	240	37	1,450	40	185

CARGO BLOCK WITH ROLLER BEARING

- Single Sheave



Code	Dia of rope (mm)	S.W.L. (ton)	Proof Load (ton)	Shackle
 CB-340-1AR	20	3.5	14	SB34orBB34
 CB-340-1BR			21	SB42orBB42
 CB-430-1AR	25	5.5	22	SB55orBB55
 CB-430-1BR			33	
 CB-480-1AR	28	7.0	28	SB48orBB48
 CB-480-1BR			42	SB60orBB60
 CB-410-1AR	24	5.0	20	SB40orBB40
 CB-410-1BR			30	SB50orBB50
 CB-460-1AR	26	6.5	26	SB46orBB46
 CB-460-1BR			39	SB60orBB60

CARGO BLOCK WITH ROLLER BEARING

- Double Sheave

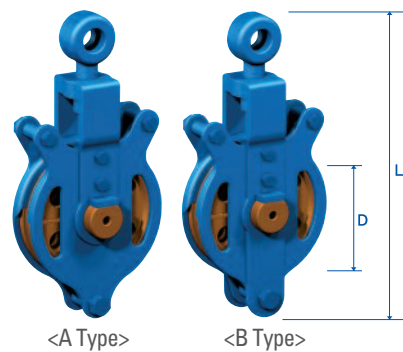


Code	Dia of rope (mm)	S.W.L. (ton)	Proof Load (ton)	Shackle
 CB-340-2AR	20	13	26	SB46orBB46
 CB-340-2BR		16	32	SB55orBB55
 CB-430-2AR	25	21	41	SB60orBB60
 CB-430-2BR		25	45	SB65orBB65
 CB-480-2AR	28	28	48	SB70orBB70
 CB-480-2BR		34	54	SB75orBB75
 CB-410-2AR	24	19	38	SB55orBB55
 CB-410-2BR		23	43	SB60orBB60
 CB-460-2AR	26	24	44	SB65orBB65
 CB-460-2BR		29	49	SB70orBB70



CARGO BLOCK WITH BUSH

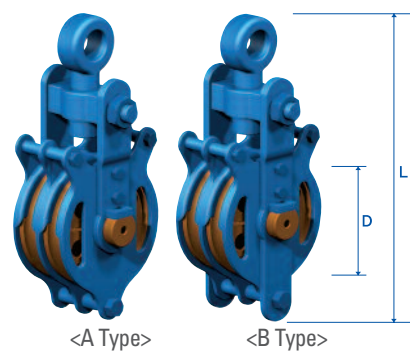
- Single Sheave



Code	Dia of rope (mm)	S.W.L. (ton)	Proof Load (ton)	Shackle
 CB-220-1A	12.5	1.40	5.6	SB22orBB22
 CB-220-1B			8.4	SB26orBB26
 CB-240-1A	14.0	1.75	7.0	SB26orBB26
 CB-240-1B			10.5	SB30orBB30
 CB-280-1A	16.0	2.25	9.0	SB30orBB30
 CB-280-1B			13.5	SB34orBB34
 CB-340-1A	20.0	3.50	14.0	SB34orBB34
 CB-340-1B			21.0	SB42orBB42
 CB-430-1A	25.0	5.50	22.0	SB42orBB42
 CB-430-1B			33.0	SB55orBB55
 CB-460-1A	33.5	11.00	44.0	SB60
 CB-460-1B			66.0	SB75
 CB-480-1A	28.0	7.00	28.0	SB48orBB48
 CB-480-1B			42.0	SB60orBB60
 CB-410-1A	24.0	5.00	20.0	SB40orBB40
 CB-410-1B			30.0	SB50orBB50
 CB-460-1A	26.0	6.50	26.0	SB48orBB48
 CB-460-1B			39.0	SB60orBB60

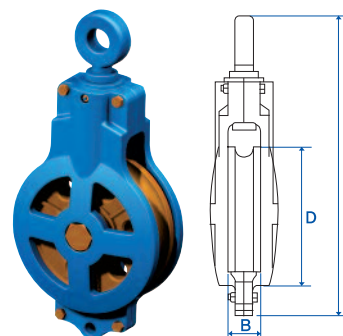
CARGO BLOCK WITH BUSH

- Double Sheave



Code	Dia of rope (mm)	S.W.L. (ton)	Proof Load (ton)	Shackle
 CB-240-2A	12.5	1.40	5.6	SB22orBB22
 CB-240-2B			8.4	SB26orBB26
 CB-280-2A	14.0	1.75	7.0	SB26orBB26
 CB-280-2B			10.5	SB30orBB30
 CB-340-1A	16.0	2.25	9.0	SB30orBB30
 CB-340-2B			13.5	SB34orBB34
 CB-430-2A	20.0	3.50	14.0	SB34orBB34
 CB-430-2B			21.0	SB42orBB42
 CB-460T-2A	25.0	5.50	22.0	SB42orBB42
 CB-460T-2B			33.0	SB55orBB55
 CB-480-2A	33.5	11.00	44.0	SB60
 CB-480-2B			66.0	SB75
 CB-410-2A	28.0	7.00	28.0	SB48orBB48
 CB-410-2B			42.0	SB60orBB60
 CB-460-2A	24.0	5.00	20.0	SB40orBB40
 CB-460-2B			30.0	SB50orBB50

CAST STEEL CARGO BLOCK



Code	D (mm)	S.W.L. (ton)	B.T.L. (ton)	Weight (kg)
K CSCB 340 1R	340	3.5	14	65
K CSCB 340 2R	340	13.0	26	115
K CSCB 410 1R	410	5.0	20	93
K CSCB 410 2R	410	19.0	38	210
K CSCB 430 1R	430	5.5	22	98
K CSCB 430 2R	430	21.0	41	215

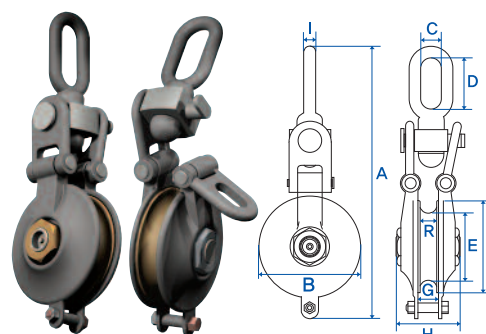
* D : Dia. of sheave / 1R : one sheave / 2R : two sheave

THIRD WIRE BLOCK - KANIFAS BLOCK



Snatch type Third wire block
for Dia. 11~12mm of third wire - with ball bearing

LASHING SNATCH BLOCK - Toad Type



Code	S.W.L. (ton)	Dimensions (mm)										Weight (kg)
		A	B	C	D	E	F	G	H	I	R	
K LSB-45 IN	3.0	370	140	25	50	98	114	32	98	20	15	7.2
K LSB-60 IN	5.0	480	166	40	85	126	150	37	128	26	15	15.0

* Material : Carbon Steel(Forging), Stainless Steel(Casting)

* S.W.L. : Safety Working Load



skookum[®]
HALF SIDE BLOCK
- 5ton to 13.5ton capacity



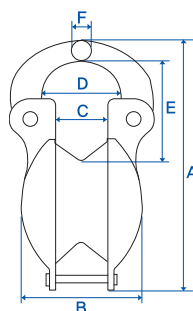
Code	Sheave Diameter	Bearing	Wire Rope Min	Wire Rope Max	W.L.L (tons)	Regular Yoke Weight	Swivel Hook Weight	Swivel Shackle Weight
A-4	4"	BB	3/8	1/2	5.00	9.25	12.00	10.50
A-6	6"	BB	3/8	1/2	7.00	17.00	20.50	19.00
A-8	8"	BB	1/2	5/8	8.00	23.50	36.00	35.00
A-10	10"	BB	5/8	3/4	8.00	34.00	40.00	41.00
A-12	12"	BB	3/4	7/8	13.50	53.40	59.00	58.65
A-4R	4"	RB	3/8	1/2	5.00	9.00	11.75	10.25
A-6R	6"	RB	3/8	1/2	6.50	17.00	20.50	19.00
A-8R	8"	RB	1/2	5/8	6.50	23.55	35.00	35.00
A-10R	10"	RB	5/8	3/4	6.50	37.00	41.00	41.00
A-12R	12"	RB	3/4	7/8	12.50	55.00	-	59.00

skookum[®]
FULL SIDE BLOCK
- 5ton to 13.5ton capacity

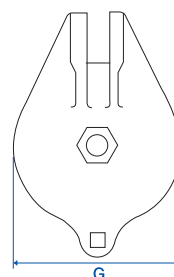


Code	Sheave Diameter	Bearing	Wire Rope Min	Wire Rope Max	W.L.L (tons)	Regular Yoke Weight	Swivel Hook Weight	Swivel Shackle Weight
A-4T	4"	BB	1/4	3/8	5.00	13.00	16.25	16.25
A-6T	6"	BB	3/8	1/2	7.00	20.00	24.00	22.00
A-8T	8"	BB	1/2	5/8	8.00	31.00	38.00	37.00
A-10T	10"	BB	5/8	3/4	8.00	37.00	43.00	44.00
A-12T	12"	BB	3/4	7/8	13.50	60.00	-	68.00
A-4RT	4"	RB	1/4	3/8	5.00	13.00	16.25	16.25
A-6RT	6"	RB	3/8	1/2	6.50	20.00	24.00	22.00
A-8RT	8"	RB	1/2	5/8	6.50	31.00	38.00	37.00
A-10RT	10"	RB	5/8	3/4	6.50	40.00	44.00	44.00
A-12RT	12"	RB	3/4	7/8	12.50	60.00	64.00	64.00

skookum®

WIDE SHEAVE - WIDE THROAT BLOCK**- 3ton to 26ton capacity**

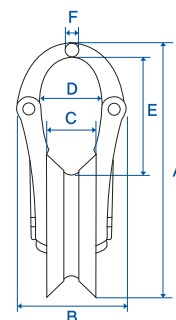
R-6



508



TM-10

**Specifications – Manganese Long = Life Sheaves**

Code	Sheave Diameter	Bearing	Wire Rope Min	Wire Rope Max	W.L.L (tons)	Regular Yoke Weight
R-4	4"	RB	3/8	3/8	5.00	11.45
R-6	6"	TRB	3/8	1/2	8.00	30.00
R-8	8"	TRB	1/2	5/8	8.00	43.00
R-10	10"	TRB	1/2	5/8	9.00	50.00
508	8"	TRB	1	1 1/8	15.00	72.00
TM-10	10"	TRB	1	1 1/4	25.00	110.00

* Ultimate Strength is 5 Times safe working load.

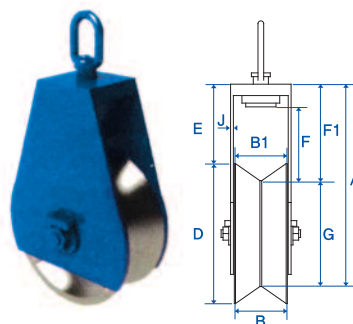
Dimensions

Code	A	B	C	D	E	F	G
R-4	10"	1-3/4"	1"	2-1/2"	5-1/4"	1"	4-3/4"
R-6	14-1/2"	8"	2-1/2"	4-1/2"	6-1/2"	1-1/4"	6-3/4"
R-8	17"	8-1/2"	2-1/2"	4-3/4"	7-1/4"	1-3/8"	8-3/4"
R-10	19-1/2"	8"	3-1/2"	4-3/4"	7-1/2"	1-3/8"	10-1/2"
508	15"	11"	4"	5-1/4"	6-1/2"	2"	9-1/2"
TM-10	20"	12"	4-1/2"	6"	9"	2"	11-1/2"

* S.W.L. : Safety Working Load



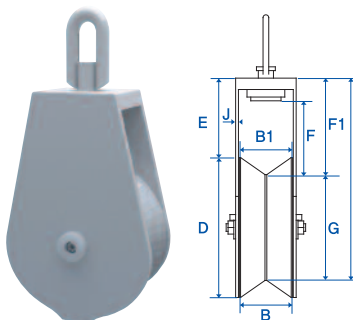
TRAWL BLOCKS - 1



Code	S.W.L. (ton)	Dimensions (mm)							Weight (kg)
		A	B	D	E	F	G	J	
K K370-2A	13	580	140	370	260	120	285	12	115
K K400-2A	15	670	180	400	245	180	300	15	145
K K500-2A	20	785	180	500	285	185	380	20	230
K K600-2A	30	910	180	600	310	190	480	20	260
K K650-2A	30	975	240	650	335	225	500	20	500
K K800-2A	45	1,120	240	800	340	240	600	20	750
K K1000-2A	60	1,485	260	1,000	485	270	825	25	1,320



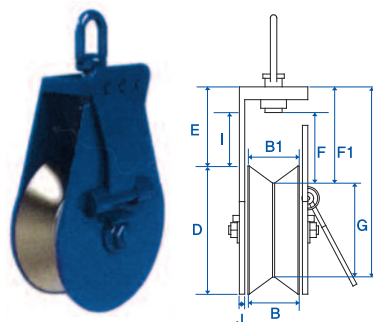
TRAWL BLOCKS - 2



Code	S.W.L. (ton)	Dimensions (mm)								Weight (kg)
		A	B	D	E	F	F1	G	J	
K K130	4	240	100	130	110	85	133	85	10	16.0
K K170	6	305	100	170	140	100	163	125	10	25.0
K K215	6	355	100	215	132	110	165	164	10	36.5
K K230	9	405	120	230	150	110	180	170	12	45.0
K K240	9	420	150	240	190	140	220	170	12	54.0
K K300	11	475	120	300	170	120	200	240	12	64.0
K K370-2	13	580	140	370	240	140	285	285	12	110.0
K K400	15	670	180	400	245	210	305	300	15	180.0



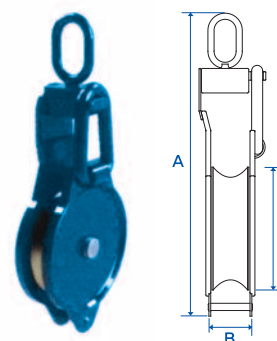
TRAWL BLOCKS - open type



Code	S.W.L. (ton)	Dimensions (mm)							Weight (kg)
		A	B	D	E	F	G	J	
K K0300-1	11	485	120	300	170	125	240	12	69
K K0370-2	13	600	140	380	190	150	285	12	125
K K0400-2	15	670	180	400	210	175	300	15	187
K K0500-2	20	825	180	500	260	185	380	20	300



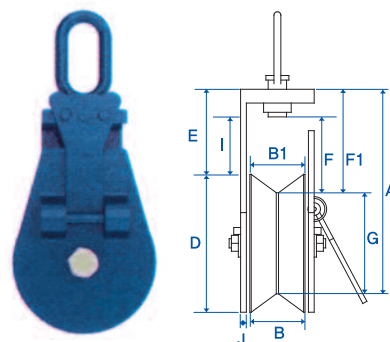
SNATCH BLOCKS - 1



Code	S.W.L. (ton)	Dimensions (mm)			Max. wire (mm)	Weight (kg)
		A	B	D		
KS2	2.0	225	24	110	18	3.7
KS3	3.0	300	28	150	18	7.5
KS4	4.5	330	35	185	22	13.5
KS6	6.0	378	41	210	24	19.4



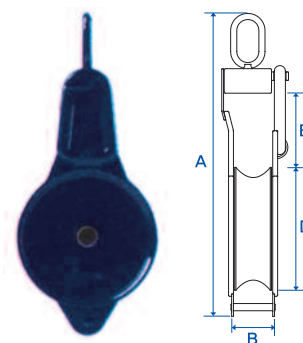
SNATCH BLOCKS - 2



Code	S.W.L. (ton)	Dimensions (mm)									Max. wire (mm)	Weight (kg)
		A	B	D	E	F	F1	G	I	J		
KS230-2	7	380	57	230	120	70	140	195	42	8	28	31
KS300-2	10	440	66	300	130	70	150	260	45	10	28	51
KS400-2	15	595	70	400	180	105	210	345	70	12	28	106
KS500-2	20	800	76	515	220	130	260	445	85	15	30	165



SNATCH BLOCKS - 3



Code	S.W.L. (ton)	Dimensions (mm)				Weight (kg)
		A	B	D	E	
KS 40	3.5	250	45	100	45	7.5
KS 50	4.6	325	60	150	80	15.2
KS 60	6.0	375	60	215	50	24.0

FISHING HARDWARE

BLOCK

SHACKLE

CHAIN

LINK / RING / HOOK

FOOT ROPE GEAR

COURSE (THIMBLE)

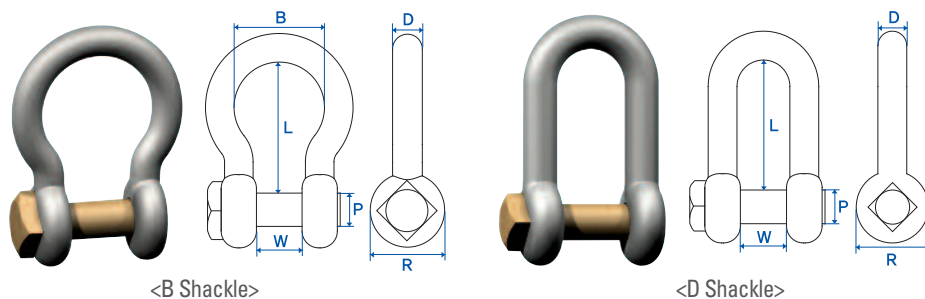
SWIVEL / TURNBUCKLE

FLOAT / BUOY

TOOLS

GLOVE / CLOTHING / BOX

SQUARE HEAD PIN SHACKLE



B Shackle

Code	Size (mm)	Dimensions (mm)						W.L.L. (ton)	Weight (kg)
		B	D	L	P	R	W		
K SH B10	10	26.0	9.6	36.6	11.1	24.6	16.7	1.0	0.17
K SH B13	13	34.0	13.0	48.5	15.9	30.0	21.0	2.0	0.34
K SH B16	16	43.0	16.0	60.5	19.0	40.0	27.0	3.25	0.68
K SH B19	19	51.0	19.0	72.9	22.2	48.0	32.0	4.75	1.02
K SH B22	22	8.0	22.2	84.5	25.4	54.0	37.0	6.5	1.53
K SH B25	25	68.0	25.4	95.0	28.6	60.0	43.0	8.5	2.21
K SH B28	28	74.0	28.6	108.6	32.0	67.0	46.0	9.5	3.23
K SH B32	32	83.0	32.0	119.0	35.0	76.0	51.0	12.0	4.50
K SH B35	35	92.0	35.0	133.5	38.1	84.0	57.0	13.5	6.12
K SH B38	38	98.0	38.1	146.0	42.0	92.0	60.0	17.0	8.00
K SH B44	44	127.0	44.5	178.0	50.8	109.0	73.0	25.0	13.10
K SH B50	50	146.4	50.8	197.0	57.1	127.0	83.0	35.0	20.15
K SH B66	66	184	66.5	267	70	144.5	105	55.0	37.90
K SH B76	76	200	76.2	330	82.5	165	127	85.0	59.40

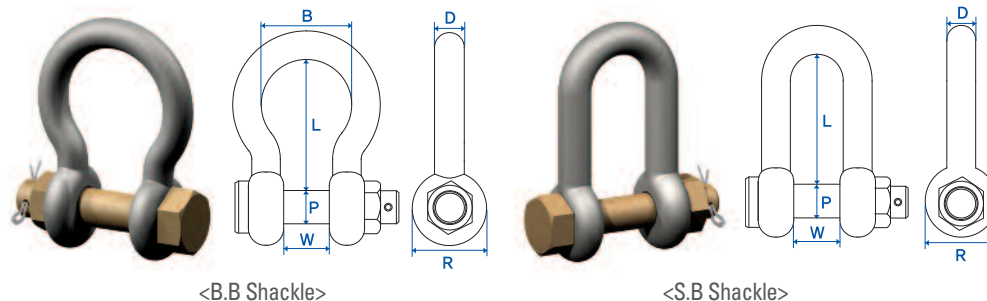
* Forged Carbon Steel body

D Shackle

Code	Size (mm)	Dimensions (mm)					W.L.L. (ton)	Weight (kg)
		D	L	P	R	W		
K SH D13	13	13.0	41.6	15.9	30.0	21.0	2.0	0.26
K SH D16	16	16.0	51.0	19.0	40.0	27.0	3.25	0.60
K SH D19	19	19.0	59.9	22.2	48.0	32.0	4.75	0.94
K SH D22	22	22.2	71.0	25.4	54.0	37.0	6.5	1.71
K SH D25	25	25.4	81.5	28.6	60.0	43.0	8.5	2.13
K SH D28	28	28.6	91.6	32.0	67.0	46.0	9.5	2.98
K SH D32	32	32.0	99.0	35.0	76.0	51.0	12.0	4.17
K SH D38	38	38.1	121.0	42.0	92.0	60.0	17.0	7.14
K SH D44	44	44.5	146.0	50.0	109.0	73.0	25.0	12.16
K SH D50	50	50.8	162.1	57.0	127.0	83.0	35.0	18.00

* W.L.L. = Working Load Limit

SAFETY PIN SHACKLE



B.B Shackle

Code	Size (mm)	Dimensions (mm)						W.L.L. (ton)	Weight (kg)
		B	D	L	P	R	W		
K SPSH BB10	10	26.0	9.6	9.6	11.1	24.6	24.6	1.0	0.2
K SPSH BB13	13	34.0	13.0	13.0	15.9	30.0	30.0	2.0	0.4
K SPSH BB16	16	43.0	16.0	16.0	19.0	40.0	40.0	3.25	0.8
K SPSH BB19	19	51.0	19.0	19.0	22.2	48.0	48.0	4.75	1.2
K SPSH BB22	22	8.0	22.2	22.2	25.4	54.0	54.0	6.5	1.8
K SPSH BB25	25	68.0	25.4	25.4	28.6	60.0	60.0	8.5	2.6
K SPSH BB28	28	74.0	28.6	28.6	32.0	67.0	67.0	9.5	3.8
K SPSH BB32	32	83.0	32.0	32.0	35.0	76.0	76.0	12.0	5.3
K SPSH BB35	35	92.0	35.0	35.0	38.1	84.0	84.0	13.5	7.2
K SPSH BB38	38	98.0	38.1	38.1	42.0	92.0	92.0	17.0	9.4
K SPSH BB44	44	127.0	44.5	44.5	50.8	109.0	109.0	25.0	15.4
K SPSH BB50	50	146.4	50.8	50.8	57.1	127.0	127.0	35.0	23.7
K SPSH BB66	66	184	66.5	66.5	70	144.5	144.5	55.0	44.6
K SPSH BB76	76	200	76.2	76.2	82.5	165	165	85.0	69.9

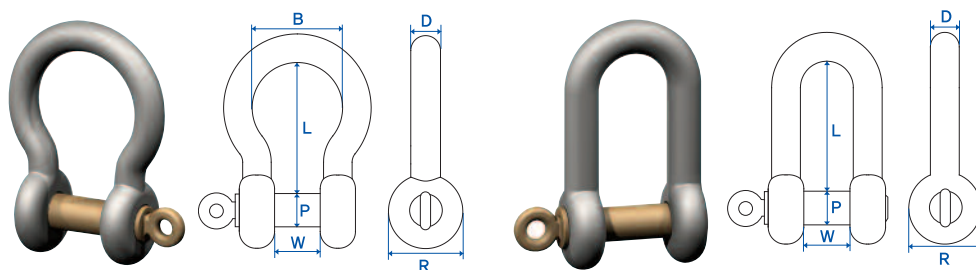
* Forged Carbon Steel body

S.B Shackle

Code	Size (mm)	Dimensions (mm)					W.L.L. (ton)	Weight (kg)
		D	L	P	R	W		
K SPSH SB13	13	13.0	41.6	15.9	30.0	21.0	2.0	0.3
K SPSH SB16	16	16.0	51.0	19.0	40.0	27.0	3.25	0.7
K SPSH SB19	19	19.0	59.9	22.2	48.0	32.0	4.75	1.1
K SPSH SB22	22	22.2	71.0	25.4	54.0	37.0	6.5	1.8
K SPSH SB25	25	25.4	81.5	28.6	60.0	43.0	8.5	2.5
K SPSH SB28	28	28.6	91.6	32.0	67.0	46.0	9.5	3.5
K SPSH SB32	32	32.0	99.0	35.0	76.0	51.0	12.0	4.9
K SPSH SB38	38	38.1	121.0	42.0	92.0	60.0	17.0	8.4
K SPSH SB44	44	44.5	146.0	50.0	109.0	73.0	25.0	14.3
K SPSH SB50	50	50.8	162.1	57.0	127.0	83.0	35.0	21.2

* W.L.L. = Working Load Limit

EYE PIN SHACKLE



<B.C Shackle (Bow type)>

<S.C Shackle (Straight type)>

B.C Shackle

Code	Size (mm)	Dimensions (mm)						W.L.L. (ton)	Weight (kg)
		B	D	L	P	R	W		
K EPSH BC08	8	21.3	7.8	31.0	9.6	19.0	13.5	0.75	0.1
K EPSH BC10	10	26.0	9.6	36.6	11.1	24.6	16.7	1.0	0.2
K EPSH BC13	13	34.0	13.0	48.5	15.9	30.0	21.0	2.0	0.3
K EPSH BC16	16	43.0	16.0	60.5	19.0	40.0	27.0	3.25	0.6
K EPSH BC19	19	51.0	19.0	72.9	22.2	48.0	32.0	4.75	1.1
K EPSH BC22	22	58.0	22.2	84.5	25.4	54.0	37.0	6.5	1.6
K EPSH BC25	25	68.0	25.4	95.0	28.6	60.0	43.0	8.5	2.3
K EPSH BC28	28	74.0	28.6	108.6	32.0	67.0	46.0	9.5	3.4
K EPSH BC32	32	83.0	32.0	119.0	35.0	76.0	51.0	12.0	4.3
K EPSH BC35	35	92.0	35.0	133.5	38.1	84.0	57.0	13.5	6.1
K EPSH BC38	38	98.0	38.1	146.0	42.0	92.0	60.0	17.0	7.8
K EPSH BC44	44	127.0	44.5	178.0	50.8	109.0	73.0	25.0	12.6
K EPSH BC50	50	146.4	50.8	197.0	57.1	127.0	83.0	35.0	20.4

* Forged Carbon Steel body

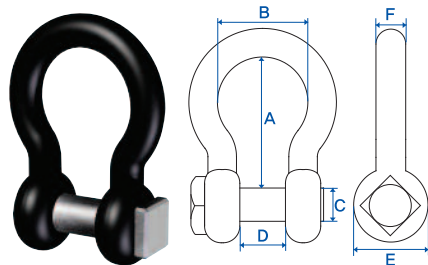
S.C Shackle

Code	Size (mm)	Dimensions (mm)					W.L.L. (ton)	Weight (kg)
		D	L	P	R	W		
K EPSH SC13	13	13.0	41.6	15.9	30.0	21.0	2.0	0.3
K EPSH SC16	16	16.0	51.0	19.0	40.0	27.0	3.25	0.6
K EPSH SC19	19	19.0	59.9	22.2	48.0	32.0	4.75	1.2
K EPSH SC22	22	22.2	71.0	25.4	54.0	37.0	6.5	1.4
K EPSH SC25	25	25.4	81.5	28.6	60.0	43.0	8.5	2.2
K EPSH SC28	28	28.6	91.6	32.0	67.0	46.0	9.5	3.1
K EPSH SC32	32	32.0	99.0	35.0	76.0	51.0	12.0	4.1
K EPSH SC38	38	38.1	121.0	42.0	92.0	60.0	17.0	7.2
K EPSH SC44	44	44.5	146.0	50.0	109.0	73.0	25.0	12.1
K EPSH SC50	50	50.8	162.1	57.0	127.0	83.0	35.0	19.2

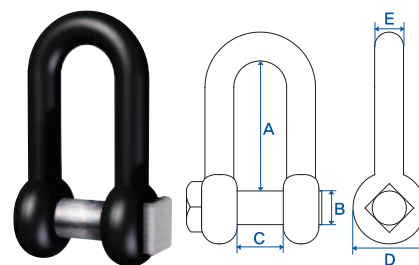
* W.L.L. = Working Load Limit

SQUARE HEAD PIN SHACKLE

(Bending Carbon steel body)



<B Shackle>



<D Shackle>

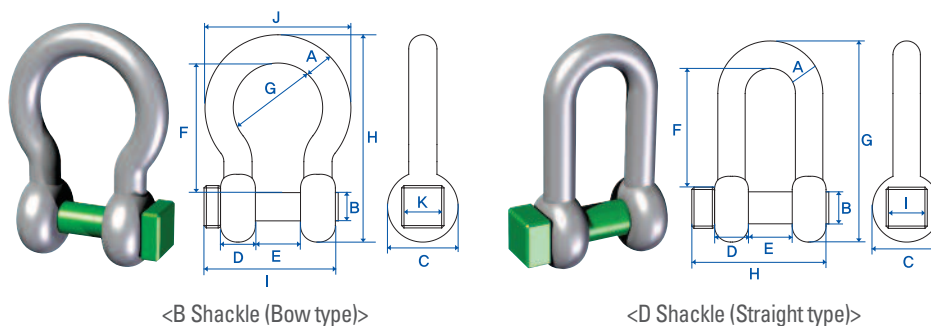
B Shackle

Code	Size (mm)	Dimensions (mm)						S.W.L. (ton)	Weight (kg)
		A	B	C	D	E	F		
 BSH B22	22	92	62	26	42	51	22	6.5	1.6
 BSH B25	25	97	66	28	45	57	25	7.0	2.2
 BSH B28	28	103	69	32	45	65	28	9.0	3.0
 BSH B32	32	121	78	35	49	73	32	10.5	4.3
 BSH B35	35	123	80	38	50	78	35	12.5	5.2
 BSH B38	38	131	90	38	61	88	38	14.0	7.0
 BSH B41	41	146	100	44	63	90	41	18.0	8.9

D Shackle

Code	Size (mm)	Dimensions (mm)					S.W.L. (ton)	Weight (kg)
		A	B	C	D	E		
 BSH D25	25	91	29	43	57	25	3.0	2.1
 BSH D28	28	94	32	45	65	28	5.0	2.9
 BSH D32	32	101	35	51	73	32	6.5	3.9
 BSH D35	35	112	39	55	78	35	8.5	4.9
 BSH D38	38	118	41	57	88	38	10.0	6.5
 BSH D41	41	132	45	61	90	41	13.5	8.4

GREEN PIN TRAWLING SHACKLE



B Shackle (Bow type)

Code	W.L.L. (ton)	Dimensions (mm)											Weight (kg)
		A	B	C	D	E	F	G	H	I	J	K	
K GPSH B13.5	2	13.5	16	34	13.5	22	51	32	91	58	63	22	0.34
K GPSH B16	3.25	16	19	40	16	27	64	43	114	71	79	27	0.63
K GPSH B19	4.75	19	22	47	19	31	76	51	136	82	94	32	1.00
K GPSH B22	6.5	22	25	53	22	36	83	58	157	93	107	32	1.44
K GPSH B25	8.5	25	28	60	25	43	95	68	176	108	124	36	2.21
K GPSH B28	9.5	28	32	67	28	47	108	75	197	120	137	41	3.18
K GPSH B32	12	32	35	74	32	51	115	83	218	137	154	50	4.32
K GPSH B35	13.5	35	38	80	35	57	133	92	240	149	170	50	5.67
K GPSH B38	17	38	42	89	38	60	146	99	262	164	183	60	7.36
K GPSH B45	25	45	50	104	45	74	178	126	314	192	226	60	12.38

*W.L.L = Working Load Limit *M.B.L = W.L.L x 6

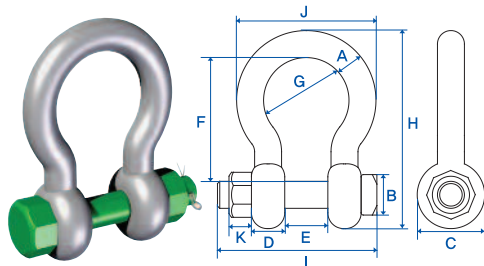
D Shackle (Straight type)

Code	W.L.L. (ton)	Dimensions (mm)									Weight (kg)
		A	B	C	D	E	F	G	H	I	
K GPSH D13.5	2	13.5	16	34	13.5	22	43	85	58	22	0.32
K GPSH D16	3.25	16	19	40	16	27	51	105	71	27	0.58
K GPSH D19	4.75	19	22	47	19	31	59	125	82	32	0.92
K GPSH D22	6.5	22	25	53	22	36	73	144	93	32	1.33
K GPSH D25	8.5	25	28	60	25	43	85	161	108	36	2.03
K GPSH D28	9.5	28	32	67	28	47	90	179	120	41	2.88
K GPSH D32	12	32	35	74	32	51	94	199	137	50	3.96
K GPSH D35	13.5	35	38	80	35	57	115	220	149	50	5.24
K GPSH D38	17	38	42	89	38	60	127	239	164	60	6.80
K GPSH D45	25	45	50	104	45	74	149	283	192	60	11.22

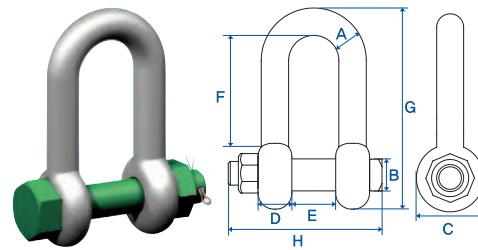
*W.L.L = Working Load Limit *M.B.L = W.L.L x 6



GREEN PIN STANDARD SHACKLE (WITH SAFETY BOLT)



<B.B Shackle (Bow type)>



<S.B Shackle (Straight type)>

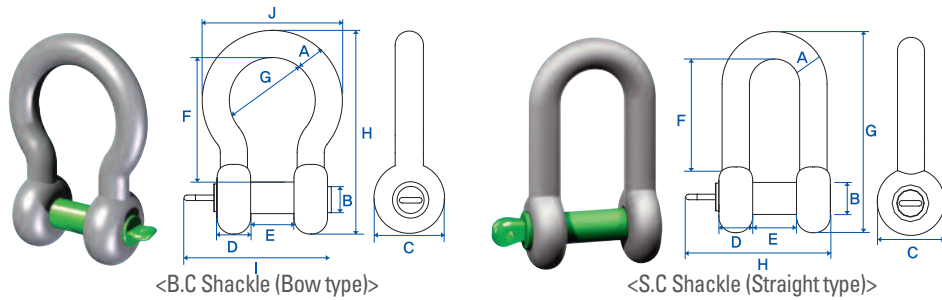
B.B Shackle (Bow type)

Code	W.L.L. (ton)	Dimensions (mm)											Weight (kg)
		A	B	C	D	E	F	G	H	I	J	K	
K GPSH BB07	0.5	7	8	17	7	12	29	20	54	43	37	4	0.06
K GPSH BB09	0.75	9	10	21	9	13.5	32	22	61	51	42	5	0.11
K GPSH BB10	1	10	11	23	10	17	36.5	26	71	61	49	8	0.16
K GPSH BB11	1.5	11	13	26	11	19	43	29	80	68	54	11	0.22
K GPSH BB13.5	2	13.5	16	34	13.5	22	51	32	91	83	63	13	0.42
K GPSH BB16	3.25	16	19	40	16	27	64	43	114	99	79	17	0.74
K GPSH BB19	4.75	19	22	47	19	31	76	51	136	115	94	20	1.18
K GPSH BB22	6.5	22	25	53	22	36	83	58	157	131	107	23	1.77
K GPSH BB25	8.5	25	28	60	25	43	95	68	176	151	124	25	2.58
K GPSH BB28	9.5	28	32	67	28	47	108	75	197	167	137	28	3.66
K GPSH BB32	12	32	35	74	32	51	115	83	218	179	154	31	4.91
K GPSH BB35	13.5	35	38	80	35	57	133	92	240	198	170	34	6.54
K GPSH BB38	17	38	42	89	38	60	146	99	262	203	183	19	8.19
K GPSH BB45	25	45	50	104	45	74	178	126	314	244	226	24	14.22
K GPSH BB50	35	50	57	111	50	83	197	138	358	270	250	27	19.85
K GPSH BB57	42.5	57	65	134	57	95	222	160	414	302	287	30	28.33
K GPSH BB65	55	65	70	145	65	105	260	180	463	330	329	33	39.59
K GPSH BB75	85	75	83	163	75	127	329	190	556	376	355	40	62.00

S.B Shackle (Straight type)

Code	W.L.L. (ton)	Dimensions (mm)									Weight (kg)
		A	B	C	D	E	F	G	H	I	
K GPSH SB13.5	2	13.5	16	34	13.5	22	43	85	83	13	0.39
K GPSH SB16	3.25	16	19	40	16	27	51	105	99	17	0.67
K GPSH SB19	4.75	19	22	47	19	31	59	125	115	20	1.08
K GPSH SB22	6.5	22	25	53	22	36	73	144	131	23	1.66
K GPSH SB25	8.5	25	28	60	25	43	85	161	151	25	2.46
K GPSH SB28	9.5	28	32	67	28	47	90	179	167	28	3.4
K GPSH SB32	12	32	35	74	32	51	94	199	179	31	4.51
K GPSH SB35	13.5	35	38	80	35	57	115	220	198	34	6.1
K GPSH SB38	17	38	42	89	38	60	127	239	202	19	7.63
K GPSH SB45	25	45	50	104	45	74	149	283	244	24	13.25
K GPSH SB50	35	50	57	111	50	83	171	333	270	27	18.53
K GPSH SB57	42.5	57	65	134	57	95	190	360	302	30	25.94
K GPSH SB65	55	65	70	145	65	105	203	399	330	33	35.33
K GPSH SB75	85	75	83	163	75	127	229	455	376	40	52.97

GREEN PIN STANDARD SHACKLE (WITH SCREW COLLAR PIN)



B.C Shackle (Bow type)

Code	W.L.L. (ton)	Dimensions (mm)										Weight (kg)
		A	B	C	D	E	F	G	H	I	J	
K GPSH BC05	0.33	5	6	12.5	5	9.5	22	16	41	31	28	0.02
K GPSH BC07	0.5	7	8	17	7	12	29	20	54	40	37	0.05
K GPSH BC09	0.75	9	10	21	9	13.5	32	22	61	49	42	0.1
K GPSH BC10	1	10	11	23	10	17	36.5	26	71	56	49	0.14
K GPSH BC11	1.5	11	13	26	11	19	43	29	80	68	54	0.19
K GPSH BC13.5	2	13.5	16	34	13.5	22	51	32	91	76	63	0.36
K GPSH BC16	3.25	16	19	40	16	27	64	43	114	93	79	0.63
K GPSH BC19	4.75	19	22	47	19	31	76	51	136	107	94	1.01
K GPSH BC22	6.5	22	25	53	22	36	83	58	157	123	107	1.5
K GPSH BC25	8.5	25	28	60	25	43	95	68	176	141	124	2.21
K GPSH BC28	9.5	28	32	67	28	47	108	75	197	158	137	3.16
K GPSH BC32	12	32	35	74	32	51	115	83	218	176	154	4.31
K GPSH BC35	13.5	35	38	80	35	57	133	92	240	192	170	5.55
K GPSH BC38	17	38	42	89	38	60	146	99	262	208	183	7.43
K GPSH BC45	25	45	50	104	45	74	178	126	314	250	226	12.84
K GPSH BC50	35	50	57	111	50	83	197	138	358	281	250	18.15
K GPSH BC57	42.5	57	65	134	57	95	222	160	414	321	287	26.29
K GPSH BC65	55	65	70	145	65	105	260	180	463	355	329	37.60

SC Shackle (Straight type)

Code	W.L.L. (ton)	Dimensions (mm)								Weight (kg)
		A	B	C	D	E	F	G	H	
K GPSH SC5	0.33	5	6	12.5	5	9.5	19	38	31	0.02
K GPSH SC7	0.5	7	8	17	7	12	22	47	40	0.05
K GPSH SC9	0.75	9	10	21	9	13.5	26	56	49	0.09
K GPSH SC10	1	10	11	23	10	17	32	66	56	0.14
K GPSH SC11	1.5	11	13	26	11	19	37	74	68	0.19
K GPSH SC13.5	2	13.5	16	34	13.5	22	43	85	76	0.32
K GPSH SC16	3.25	16	19	40	16	27	51	105	93	0.54
K GPSH SC19	4.75	19	22	47	19	31	59	125	107	0.87
K GPSH SC22	6.5	22	25	53	22	36	73	144	123	1.34
K GPSH SC25	8.5	25	28	60	25	43	85	161	141	2.08
K GPSH SC28	9.5	28	32	67	28	47	90	179	158	2.77
K GPSH SC32	12	32	35	74	32	51	94	199	176	3.72
K GPSH SC35	13.5	35	38	80	35	57	115	220	192	5.14
K GPSH SC38	17	38	42	89	38	60	127	239	208	6.85
K GPSH SC45	25	45	50	104	45	74	149	283	250	11.45
K GPSH SC50	35	50	57	111	50	83	171	333	281	16.86
K GPSH SC57	42.5	57	65	134	57	95	190	360	321	24.61
K GPSH SC65	55	65	70	145	65	105	203	399	355	32.65



ATTACHING SHACKLE - T shackle



Code	Dimensions (mm)				S.W.L. (ton)	Weight (kg)
	Body dia.	Pin dia	Breadth	Inside Length		
K BSH T25	25	28	45	91	3.0	2.0
K BSH T28	28	32	45	94	5.0	2.6
K BSH T32	32	35	50	100	6.5	3.7

* Attaching shackle is easy to separate the body with pin * special order size : SHT 35 / SHT 38 / SHT 41 / SHT 45

ENDLESS SHACKLE



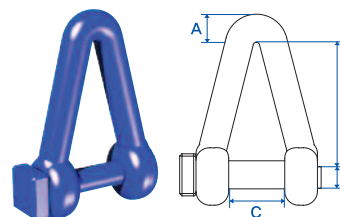
Code	Dimensions (mm)				S.W.L. (ton)	Weight (kg)
	Body dia.	Pin dia	Breadth	Inside Length		
K SH EL13	13	16	24	47	0.5	0.3
K SH EL16	16	19	30	60	1.0	0.6
K SH EL19	19	22	36	69	1.5	0.9
K SH EL22	22	25	40	77	2.0	1.4
K SH EL25	25	28	45	91	3.0	2.0
K SH EL28	28	32	45	94	5.0	2.6
K SH EL32	32	35	50	100	6.5	3.7
K SH EL35	35	38	50	111	8.5	5.0

ROLLER SHACKLE



Code	Dimensions (mm)			S.W.L. (ton)	Weight (kg)
	Body dia.	Breadth	Inside Length		
K SH R22	22	45	67	2.0	2.5
K SH R25	25	50	79	3.5	3.2
K SH R28	28	55	83	5.0	4.1
K SH R32	32	60	88	6.5	6.0

V SHACKLE, BLUE - BMM



Code	Dimensions (mm)				S.W.L. (ton)	Weight (kg)
	A	B	C	D		
K F32VB	32	32	76	110	9.0	3.8



FISHING HARDWARE

BLOCK
SHACKLE

CHAIN

LINK / RING / HOOK

FOOT ROPE GEAR

COURSE (THIMBLE)

SWIVEL / TURNBUCKLE

FLOAT / BUOY

TOOLS

GLOVE / CLOTHING / BOX

FISHING CHAIN - (Made in Sweden)



Short link chain

Code	Size (mm)	Min. Breaking Load (ton)	Dimensions (mm)		Weight (kg/m)
			Pitch	Width	
 FCG80SL10	10	12.6	30	14.6	2.2
 FCG80SL13	13	21.4	39	18.4	3.7
 FCG80SL16	16	32.2	48	22.6	5.8
 FCG80SL19	19	45.4	57	26.0	7.78
 FCG80SL26	26	86.0	78	35.0	14.8

Mid link chain

Code	Size (mm)	Min. Breaking Load (ton)	Dimensions (mm)		Weight (kg/m)
			Pitch	Width	
 FCG80ML10	10	12.6	40	14.0	2.0
 FCG80ML13	13	21.4	55	20.0	3.3
 FCG80ML16	16	32.2	65	22.0	5.0
 FCG80ML19	19	45.4	75	29.0	7.1
 FCG80ML22	22	61.0	88	30.0	9.4
 FCG80ML26	26	86.0	91	35.0	15.0

Long link chain

Code	Size (mm)	Min. Breaking Load (ton)	Dimensions (mm)		Weight (kg/m)
			Pitch	Width	
 FCG80LL06	6	4.5	35	10.0	0.6
 FCG80LL09	9	10.2	53	15.0	1.4
 FCG80LL11	11	15.4	64	18.0	2.1
 FCG80LL13	13	21.4	80	22.0	2.9
 FCG80LL16	16	32.2	100	27.0	4.3
 FCG80LL19	19	45.4	100	28.0	6.4
 FCG80LL22	22	61.0	120	36.0	8.3

**Grade 100****FISHING CHAIN - (Made in U.S.A)****Mid link chain**

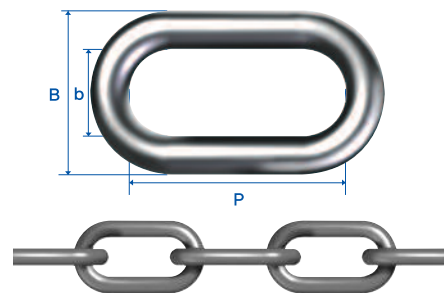
Code	Size (mm)	W.L.Lo	Dimensions (mm)		Weight (kg/m)
			Pitch	Width	
K FCG95ML10	10	3.2	40	16.5	2.0
K FCG95ML13	13	5.4	52	22.0	3.6
K FCG95ML16	16	8.2	64	24.0	4.9
K FCG95ML19	19	14.25	76	29.0	7.7

Long link chain

Code	Size (mm)	W.L.Lo	Dimensions (mm)		Weight (kg/m)
			Pitch	Width	
K FCG95LL13	13	6.6	80	23	3.2
K FCG95LL16	16	10.0	100	26	4.8
K FCG95LL19	19	14.25	100	28	7.3
K FCG95LL22	22	17.49	120	34	8.8

TOWING CHAIN FOR TRAWLDOORS

Dia	Dimensions (mm)			S.W.L. (ton)	Weight (kg/m)
	P	b	B		
25	100	40	94	43	13.0
28	112	45	105	48	15.6
32	128	51	120	57	20.4
36	144	57	135	66	27.4
38	152	60	140	78	28.7
42	168	67	150	96	35.3

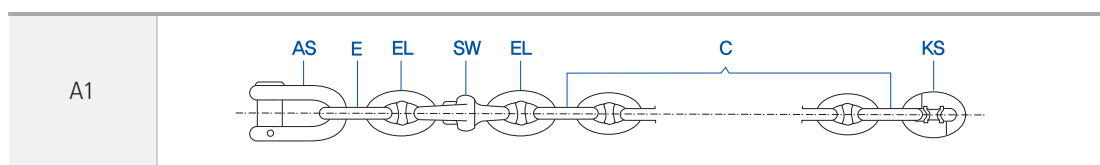


ANCHOR CHAIN

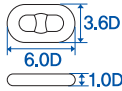
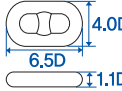
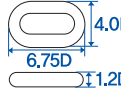
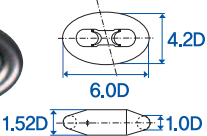
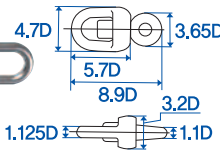
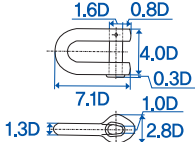
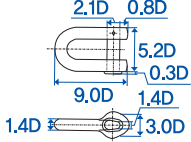


Size (mm)	Length (mm)	Width (mm)	Weight (kg)	
			/1m	/27.5m
22.0	132	79	10.60	291
26.0	156	94	14.80	407
30.0	180	108	19.71	542
34.0	204	122	25.32	696
38.0	228	137	31.62	870
42.0	252	151	38.63	1,062
46.0	276	166	46.34	1,274
50.0	300	180	54.75	1,506
54.0	324	194	63.90	1,756
58.0	348	209	73.70	2,026
62.0	372	223	84.20	2,315
66.0	396	238	95.40	2,623
70.0	420	252	107.30	2,951
73.0	438	263	116.7	3,209
76.0	456	274	126.5	3,479
78.0	468	281	133.2	3,664
81.0	486	292	143.7	3,951

JOINING FORM FOR K.S



DETAILS

Anchor Chain		 Common Link = C	 Enlarged = EL	 End Link = E
Kenter Shackle = K.S			Swivel Piece	 
Joining Shackle ("D" Type) = J.S			Anchor Shackle ("D" Type) = A.S	 

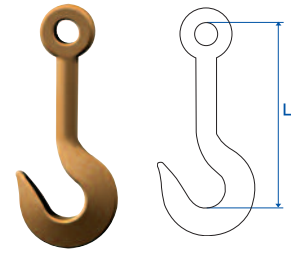
FISHING HARDWARE

BLOCK
SHACKLE
CHAIN

LINK / RING / HOOK

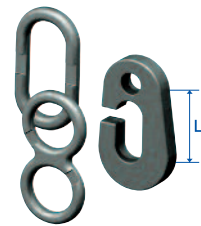
FOOT ROPE GEAR
COURSE (THIMBLE)
SWIVEL / TURNBUCKLE
FLOAT / BUOY
TOOLS
GLOVE / CLOTHING / BOX

O.B. STOPPER HOOK



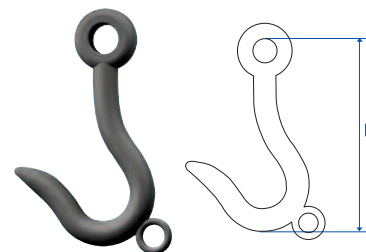
Code	S.W.L. (ton)	B.T.L. (ton)	L (mm)	Weight (kg)
K OSH03	3	8.3	220	3.0
K OSH04	4	9.9	230	3.6
K OSH05	5	17.5	270	5.5
K OSH07	7	21.0	300	8.0
K OSH10	10	30.0	320	10.2
K OSH15	15	35.0	350	17.0

G - HOOK & WARP RING & 8 TYPE RING

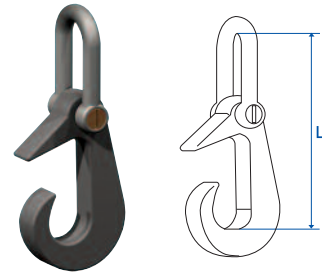


Code	Size (mm)	L (mm)	S.W.L. (ton)	B.T.L. (ton)	Weight (kg)
K GH25	25	117	6.0	18.9	3.3
K GH28	28	130	7.5	22.6	4.3
K GH32	32	140	10.0	30.0	6.2
K GH35	35	140	10.0	30.0	6.2
K GH38	38	150	12.5	37.5	8.7
K GH41	41	150	12.5	37.5	8.7
K GH45	45	185	15.0	46.3	13.2

NET SHOOTING HOOK

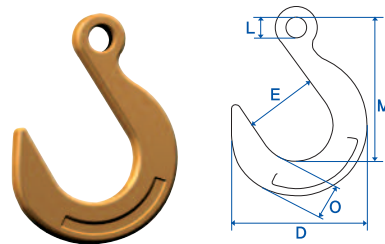


Code	S.W.L. (ton)	B.T.L. (ton)	L (mm)	Weight (kg)
K NSH0.5	0.5	2.0	140	0.9
K NSH02	2.0	5.7	210	3.4
K NSH03	3.0	8.3	210	3.4
K NSH04	4.0	10.2	220	4.3
K NSH05	5.0	13.2	255	5.0



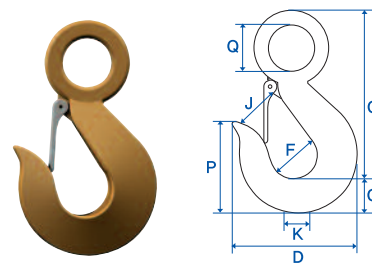
NET HAULING HOOK

Code	S.W.L. (ton)	B.T.L. (ton)	L (mm)	Weight (kg)
K NHH03	3	9.2	100	4.2
K NHH04	4	12.0	160	6.3
K NHH05	5	15.0	180	10.0
K NHH07	7	21.0	200	14.8
K NHH10	10	24.4	230	17.5



EYE FOUNDRY HOOK

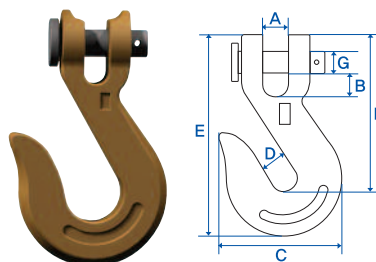
Code	Chain Size	Dimensions (mm)					Weight (kg)
		D	E	L	M	O	
K EFH7	7	121	63	16	121	31	1
K EFH10	10	146	76	19	146	38	2
K EFH13	13	171	89	25	175	45	3
K EFH16	16	198	102	32	205	52	5.5
K EFH20	20	232	114	38	235	65	8.8
K EFH22	22	256	127	44	264	71	12
K EFH26	26	283	140	51	294	77	16.9
K EFH32	32	322	152	60	327	97	26.5



EYE HOOK

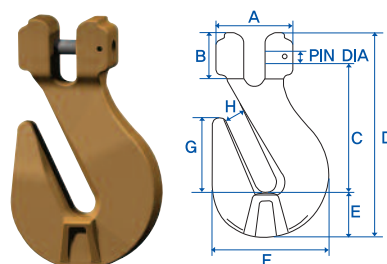
Code	S.W.L (ton)		Dimensions (mm)								Weight (kg)
	Carbon	Alloy	C	D	F	G	J	K	P	Q	
K EH01	0.75	1	85	72	32	18	23	16	50	19	38.1
K EH1.5	1.5	1.5	97	79	35	21	24	18	57	23	50.8
K EH02	2	2	105	90	38	25	27	22	62	28	76.2
K EH03	3	3	119	100	41	28	30	24	71	32	50.8
K EH05	5	5	147	122	50	36	38	33	89	40	63.5
K EH07	7	7	187	159	63	46	45	42	115	50	76.2
K EH11	11	11	230	189	76	57	61	41	135	62	101.6
K EH15	15	15	256	210	82	66	67	49	152	72	101.6
K EH22	22	22	318	262	108	76	87	60	175	89	127
K EH30	30	30	357	345	125	91	100	75	223	89	165

CLEVIS GRAB HOOK



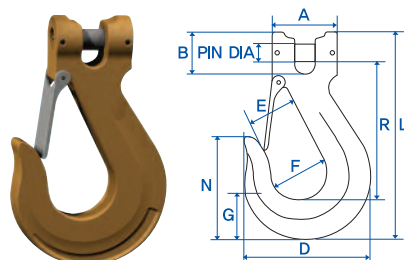
Code	Chain Size(in.)	S.W.L (ton)		Dimensions (mm)							Weight (kg)
		H330	A330	A	B	C	D	E	F	G	
K CGH1.5	1/4	1.2	1.6	11.18	11.18	45.97	30.23	77.47	41.66	9.65	0.16
K CGH02	5/16	1.8	2.5	12.7	12.7	53.85	31.75	92.96	51.31	11.18	0.29
K CGH03	3/8	2.5	3.4	14.99	14.99	64.26	38.1	109.47	61.21	11.94	0.45
K CGH04	1/2	4.2	4.5	19.05	19.05	90.42	45.97	144.53	81.03	16	0.95
K CGH06	5/8	5.5	5.8	23.11	20.57	111.51	49.28	179.32	103.89	19.05	1.91

CLEVIS GRAB HOOK - Italy Type



Code	Chain Size(in.)	S.W.L (ton)	Dimensions (mm)									Weight (kg)
			A	B	C	D	E	F	G	H	PIN DIA	
K CGHI1.5	9/32(1/4)	1.6	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	9.4	0.3
K CGHI03	3/8	3.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	11.9	0.6
K CGHI5.5	1/2	5.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	16	1.6
K CGHI08	5/8	8.2	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	19.8	2.6
K CGHI13	3/4	12.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	21.1	4.7
K CGHI16	7/8	15.5	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	23.9	6.2

CLEVIS SLING HOOK



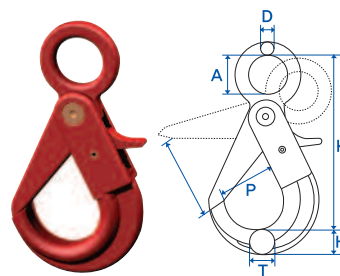
Code	Chain Size(in.)	S.W.L(ton)	Dimensions (mm)										Weight (kg)
			A	B	D	E	F	G	L	N	R	PIN DIA	
K CSH1.5	9/32(1/4)	1.6	38.1	27.9	88.1	36.6	44.5	22.6	134.9	64.8	83.1	9.4	0.6
K CSH03	3/8	3.2	45.5	33.5	115.6	45.2	56.6	31.8	177	86.6	111	11.9	1
K CSH05	1/2	5.4	60.5	40.9	139.7	53.8	63.5	39.4	215.1	103.9	143.8	16	1.9
K CSH08	5/8	8.2	68.1	52.1	165.1	59.4	73.2	47.8	252.5	121.4	167.4	19.8	3.2
K CSH13	3/4	12.8	87.9	68.8	186.9	68.3	83.1	54.9	293.6	140.5	193.3	21.1	5.2
K CSH16	7/8	15.5	100.6	78	215.4	77.7	91.9	62.7	158.2	158.2	217.4	23.9	8

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

* S.W.L : Safety Working Load



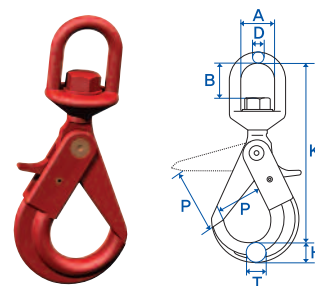
SAFETY HOOK - Eye Type



Code	Chain Size(mm)	S.W.L (ton)	Dimensions (mm)						Weight (kg)
			K	P	A	D	T	H	
 SHE01	6	1.2	110	28	22	110	15	19	0.5
 SHE02	7.8	2	134	34	25	134	19	24	0.8
 SHE03	10	3.2	170	45	32	170	24	31	1.5
 SHE05	13	5.4	206	54	40	206	27	40	3.2
 SHE08	16	8.2	249	63	56	249	36	53	6.1
 SHE13	18.2	12.5	273	81	64	273	47	55	7.5
 SHE16	22	15.5	320	82	70	320	48	64	14
 SHE21	26	21.2	363	110	80	363	75	75	18
 SHE32	32	31.5	470	155	105	470	97	100	44.5

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

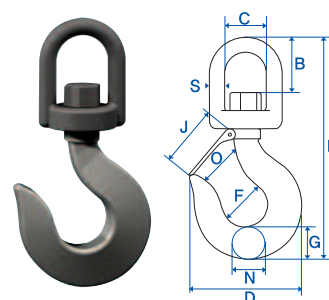
SAFETY HOOK - Swivel Type



Code	Chain Size(mm)	S.W.L (ton)	Dimensions (mm)							Weight (kg)
			K	P	B	A	D	T	H	
K SHS01	6	1.2	150	28	23	33	11	15	20	0.8
K SHS02	7.8	2	185	34	27	34	13	19	24	1.2
K SHS03	10	3.2	217	45	35	42	16	23	30	2.5
K SHS05	13	5.4	268	54	41	48	21	27	40	4.5
K SHS08	16	8.2	330	62	54	61	22	37	49	8
K SHS13	18.2	12.5	365	78	70	72	24	45	57	12
K SHS15	22	15	390	84	95	97	33	50	67	16

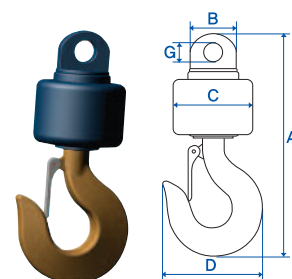
*B.T.L = S.W.L x 4

SWIVEL HOOK



Code	S.W.L(ton)		Dimensions (mm)										Weight (kg)
	Carbon	Alloy	B	C	D	F	G	J	N	O	R	S	
K SHC0.75	0.75	1	21	32	73	32	18	24	16	23	116	10	0.3
K SHC1	1	1.5	33	38	80	35	21	25	18	24	136	13	0.6
K SHC1.5	1.5	2	38	45	91	38	25	27	22	27	155	16	1
K SHC2	2	3	38	45	102	41	28	30	24	30	165	16	1
K SHC3	3	5	42	50	123	50	36	38	29	36	190	19	2.3
K SHC5	5	7	58	63	160	63	46	45	36	43	245	25	4.7
K SHC7.5	7.5	11	60	70	190	76	57	61	41	56	289	29	7.4
K SHC10	10	15	62	79	211	82	65	66	49	76	304	31	10
K SHC15	15	22	95	104	263	107	75	86	60	82	421	37	21

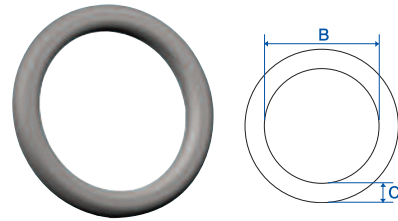
BEARING SWIVEL HOOK



Code	W.L.L. (ton)	Dimensions (mm)					Weight (kg)
		A	B	C	D	G	
K DCBS-EH01	1	289	50	100	115	22	7.0
K DCBS-EH02	2	329	68	118	115	28	11.2
K DCBS-EH03	3	388	68	138	152	31	16.9
K DCBS-EH05	5	437	78	158	174	31	27.7

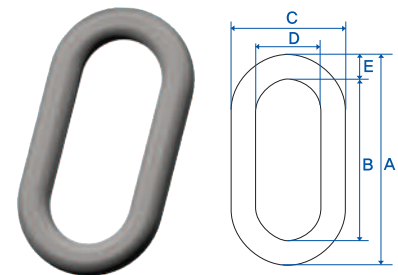


PRESSED CENTER RING



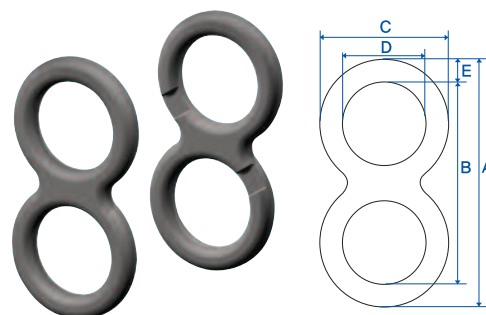
Code	C (mm)	B (mm)	S.W.L. (ton)	B.T.L. (ton)	Weight (kg)
K PCR22	22	75	2.0	5.0	1.0
K PCR25	25	80	3.0	6.6	1.3
K PCR28	28	95	5.0	8.3	2.2
K PCR32	32	100	6.5	10.0	2.7
K PCR35	35	110	8.5	12.8	3.6
K PCR38	38	120	10.0	15.3	4.5
K PCR41	41	130	13.5	17.7	5.9
K PCR45	45	140	15.0	21.6	7.3

PRESSED END RING



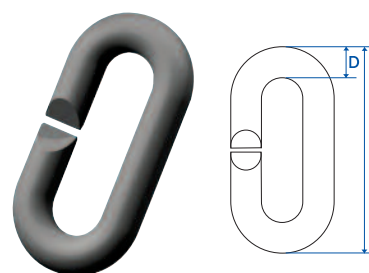
Code	S.W.L. (ton)	B.T.L. (ton)	Dimensions (mm)					Weight (kg)
			A	B	C	D	E	
K PER22	2.0	13.6	139	95	89	45	22	1.0
K PER25	3.0	17.6	150	100	95	45	25	1.3
K PER28	5.0	22.0	171	115	106	50	28	2.2
K PER32	6.5	28.8	194	130	114	50	32	2.7
K PER35	8.5	34.4	210	140	130	60	35	3.6
K PER38	10.0	41.5	226	150	138	62	38	4.5
K PER41	13.5	47.1	252	170	144	62	41	5.9
K PER45	15.0	57.0	270	180	155	65	45	7.3

PRESSED 8 TYPE RING



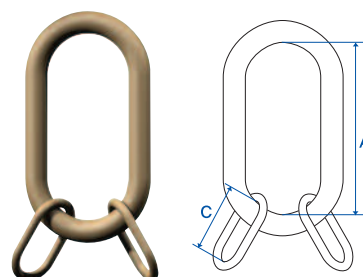
Code	S.W.L. (ton)	B.T.L. (ton)	Dimensions (mm)					Weight (kg)
			A	B	C	D	E	
K P8TR25	3.0	7.5	200	150	110	60	25	2.0
K P8TR28	5.0	9.8	266	210	141	85	28	3.6
K P8TR32	6.5	12.0	274	210	149	85	32	4.2
K P8TR35	8.5	14.6	280	210	155	85	35	5.8
K P8TR38	10.0	18.5	306	230	161	85	38	7.8
K P8TR41	13.5	21.6	312	230	167	85	41	9.4
K P8TR45	15.0	26.2	320	230	175	85	45	11.0

PUZZLE RING

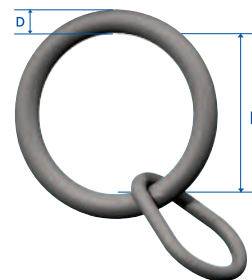


Code	D (mm)	L (mm)	S.W.L. (ton)	B.T.L. (ton)	Weight (kg)
K PR22	22	80	0.5	1.9	1.8
K PR25	25	90	1.0	2.5	2.3
K PR28	28	100	2.0	5.0	3.2
K PR32	32	110	3.0	7.5	4.7
K PR35	35	120	4.0	10.5	6.0
K PR38	38	120	5.0	12.5	7.2

WELDLESS MASTER LINK ASSEMBLY

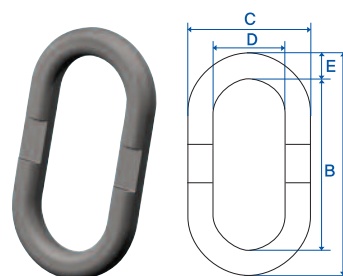


Code	Size (mm)	A (mm)	C (mm)	S.W.L. (ton)	Weight (kg)
K WMLA19	19	140	42	1.1	2.0
K WMLA25	25	178	60	2.7	3.9
K WMLA32	32	222	88	6.0	6.9
K WMLA38	38	267	110	11.0	10.9
K WMLA45	45	305	120	16.0	15.6
K WMLA50	50	356	135	26.0	21.4



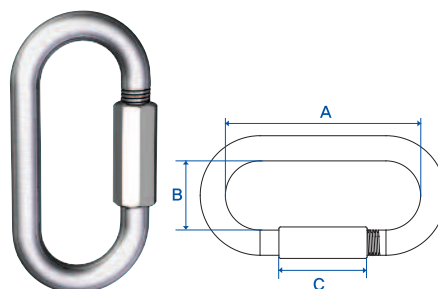
COD BAND RING

Code	Size (mm)	D (mm)	L (mm)	Weight (kg)
K CBR1680	16 x 80	16	80	0.50
K CBR1985	19 x 85	19	85	0.70
K CBR19100	19 x 100	19	100	0.80
K CBR22100	22 x 100	22	100	1.00
K CBR22120	22 x 120	22	120	1.40
K CBR25100	25 x 100	25	310	1.50

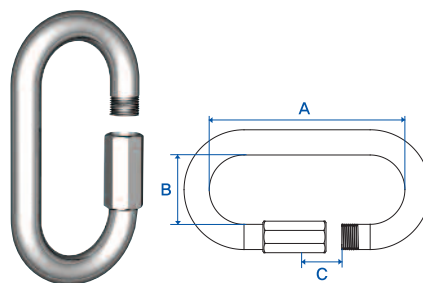


WARP RING

Code	Size (mm)	Dimensions (mm)					S.W.L (ton)	B.T.L (ton)	Weight (kg)
		A	B	C	D	E			
K RWR22	22	139	95	89	45	22	2.0	13.6	1.0
K RWR25	25	150	100	95	45	25	3.0	17.6	1.3
K RWR28	28	171	115	106	50	28	5.0	22.0	2.2
K RWR32	32	194	130	114	50	32	6.5	28.8	2.7
K RWR35	35	210	140	130	60	35	8.5	34.4	3.6
K RWR38	38	226	150	138	62	38	10.0	41.5	4.5
K RWR41	41	252	170	144	62	41	13.5	47.1	5.9
K RWR45	45	270	180	155	65	45	15.0	57.0	7.3

QUICK LINK (Galvanized)

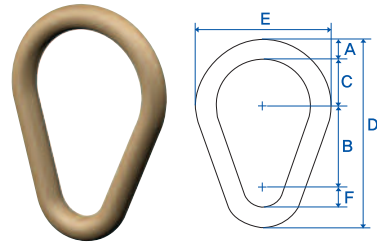
Code	S.W.L. (ton)	Dimensions (mm)			Weight (kg)
		A	B	C	
K DQ 04 GAO	0.18	31	11	5.5	0.012
K DQ 05 GAO	0.28	39	13	6.5	0.021
K DQ 06 GAOK	0.40	45	14	8.0	0.035
K DQ 06 GAOL	0.35	49	14	15.0	0.042
K DQ 08 GAOK	0.70	48	17	13.0	0.077
K DQ 08 GAOL	0.65	72	17	18.0	0.093
K DQ 10 GAO	1.00	85	20	20.0	0.160
K DQ 12 GAO	1.25	100	23	23.0	0.270
K DQ 14 GAO	2.00	115	27	27.0	0.420
K DQ 16 GAO	2.50	129	30	30.0	0.625
K DQ 18 GAO	3.00	143	33	33.0	0.880
K DQ 12 GAO	3.60	159	36	37.0	1.222

QUICK LINK (Stainless Steel)

Code	S.W.L. (ton)	Dimensions (mm)			Weight (kg)
		A	B	C	
K DQ 04 SSO	0.28	31	11	5.0	0.012
K DQ 05 SSO	0.45	39	13	6.5	0.021
K DQ 06 SSOK	0.65	45	14	7.5	0.035
K DQ 06 SSOL	0.58	59	14	15.0	0.042
K DQ 08 SSOK	1.10	58	17	10.0	0.077
K DQ 08 SSOL	0.98	72	17	18.0	0.093
K DQ 10 SSO	1.60	85	20	20.0	0.160
K DQ 12 SSO	2.20	100	23	23.0	0.270
K DQ 14 SSO	3.10	115	27	27.0	0.420
K DQ 16 SSO	4.00	150	38	28.0	0.750
K DQ 19 SSO	5.50	175	43	32.0	1.200
K DQ 22 SSO	7.00	210	60	36.0	1.900



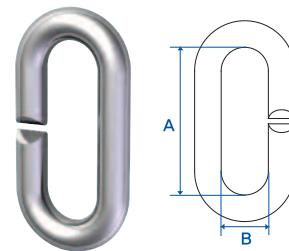
SLING LINK



Code	Size(mm)	Dimensions (mm)						S.W.L (kg)	Weight (kg)
		A	B	C	D	E	F		
K LSL10	10	9.5	28.7	19.1	76.2	57.2	9.7	0.8	0.1
K LSL13	13	12.7	38.1	25.4	101.6	76.2	12.7	1.3	0.3
K LSL16	16	16	47.5	31.8	127.0	95.3	16.0	1.9	0.5
K LSL19	19	19	57.2	38.1	152.4	114.3	19.1	2.7	0.9
K LSL22	22	22	66.8	44.5	177.8	133.4	22.4	3.7	1.3
K LSL25	25	25	76.2	50.8	203.2	152.4	25.4	4.9	2.0
K LSL32	32	32	101.6	63.5	260.4	190.5	31.8	7.6	3.5
K LSL34	34	34	104.9	69.8	279.4	209.6	35.1	9.3	5.1



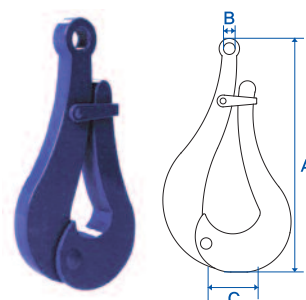
SPLIT LINK



Code	S.W.L. (ton)	Dimensions (mm)		Weight (kg)	
		A	B		
K DS10GA	0.1	50	16	0.085	Steel 60 galvanized
K DS12GA	0.2	55	18	0.165	
K DS16GA	0.3	72	21	0.330	
K DS19GA	0.5	80	24	0.500	Stainless steel
K DS22GA	0.6	88	27	0.750	
K DS10SS	0.2	50	16	0.085	
K DS12SS	0.3	55	18	0.165	
K DS16SS	0.4	72	21	0.330	
K DS19SS	0.5	80	24	0.500	Chrome steel yellow galvanized
K DS22SS	0.6	88	27	0.750	
K DS14CH	0.5	60	18	0.200	
K DS16CH	0.7	72	21	0.330	
K DS19CH	1.4	80	23	0.550	
K DS22CH	1.8	88	27	0.750	
K DS25CH	2.2	94	35	1.100	



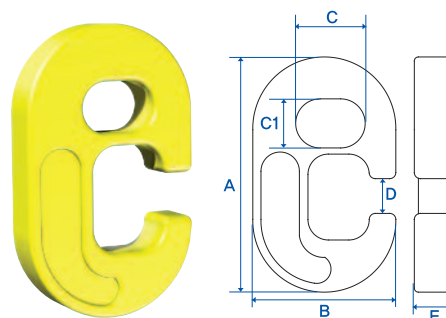
SLIP HOOK



Code	S.W.L. (ton)	Dimensions (mm)			Weight (kg)
		A	B	C	
BS06	1.0	165	18	32	0.80
BS10	1.5	254	19	48	1.80
BS12	2.8	320	27	49	3.40
BS14	4.8	350	27	50	5.00
BS15	7.0	385	36	40	8.80
BS16	11.0	385	36	64	15.00



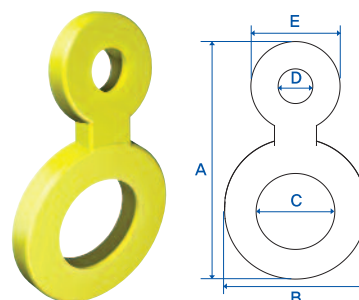
G-HOOK



Code	S.W.L (T)	Dimensions (mm)						Weight (kg)
		A	B	C	C1	D	E	
EVG 03	3.0	115	70	30	30	17	20	0.65
EVG 05	5.0	132	82	38	38	17	26	1.20
EVG 08	8.0	153	97	42	42	18	30	1.90
EVG 10	10.0	180	115	40	30	18	35	3.30
EVG 15	15.0	215	136	50	40	18	45	6.05
EVG 20	20.0	240	155	60	50	27	50	8.40



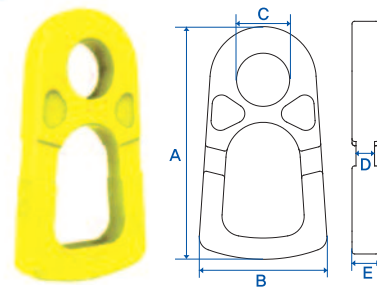
KELLY'S EYE



Code	S.W.L (ton)	Dimensions (mm)					Weight (kg)
		A	B	C	D	E	
E90-25	7.0	220	135	75	33	85	2.8
E90-30	12.0	300	200	123	43	100	6.5
E90-38	19.0	360	235	145	50	135	12.0
E90-40	19.0	310	205	123	43	120	9.8



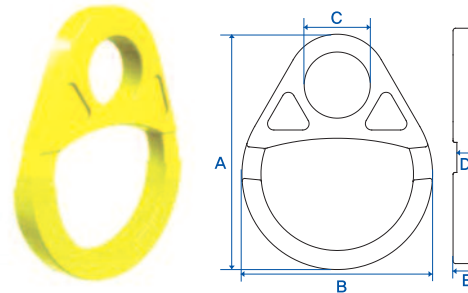
RECESSED LINK



Code	S.W.L (ton)	Dimensions (mm)					Weight (kg)
		A	B	C	D	E	
EVR 08	8.0	175	97	38	15	22	1.4
EVR 10	10.0	205	140	40	17	25	2.5

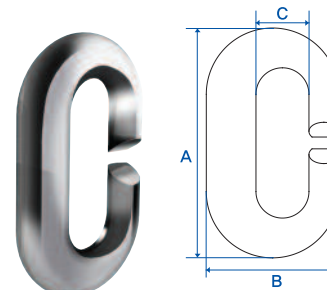


KELLY'S EYE - Type EVR



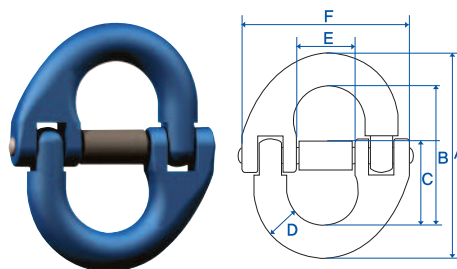
Code	S.W.L (ton)	Dimensions (mm)					Weight (kg)
		A	B	C	D	E	
EVR 15	15.0	185	150	52	17	25	2.2
EVR 20	20.0	225	185	80	25	41	5.1

BOSS SPLIT LINK (Stainless Steel)



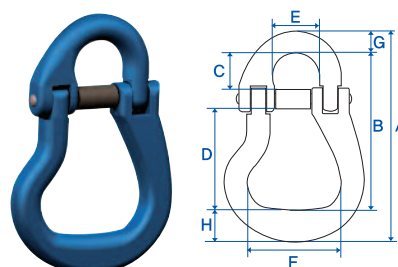
Code	S.W.L. (ton)	Dimensions (mm)			Weight (kg)
		A	B	C	
BOSS DL18S	0.2	78	45	18	0.17
BOSS DL19S	0.4	79	50	24	0.27
BOSS DL20S	0.5	82	55	24	0.30
BOSS DL21S	1.4	108	63	25	0.70
BOSS DL22S	1.3	106	68	33	0.60

KTI COUPLING LINK - CP Type



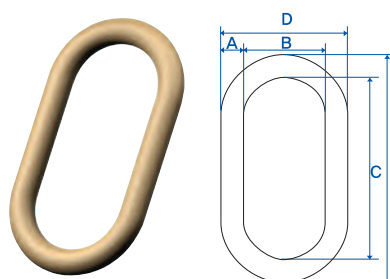
Code	Size (mm)	W.L.L. (ton)	Dimensions (mm)						Weight (kg)
			A	B	C	D	E	F	
K DCLCP06	6	1.6	65	49	20.8	8	16	50	0.1
K DCLCP08	8	2.0	74	56	24.5	9	18	58	0.2
K DCLCP10	10	3.2	90	64	26.5	13	22	65	0.3
K DCLCP13	13	5.4	115	83	32.5	16	29	86	0.7
K DCLCP16	16	8.2	145	110	44.0	19	36	103	1.3
K DCLCP19	19	12.8	172	128	51.0	22	44	120	1.9
K DCLCP22	22	15.5	198	148	61.0	25	45	132	2.7
K DCLCP25	25	21.7	217	155	63.5	31	55	145	4.4

KTI COUPLING LINK - BCP Type



Code	Size (mm)	W.L.L. (ton)	Dimensions (mm)								Weight (kg)
			A	B	C	D	E	F	G	H	
K DCLBCP19	19	12.8	240	183	51	106	44	90	22	35	3.3
K DCLBCP22	22	15.5	255	192	61	105	45	90	25	38	3.8
K DCLBCP25	25	21.7	297	221	64	129	55	107	31	45	6.3

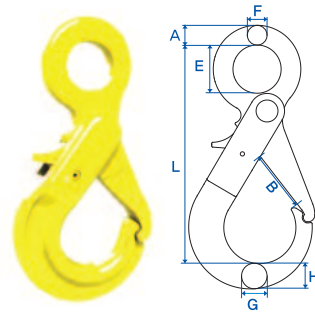
KTI MASTER LINK



Code	Size (mm)	W.L.L. (ton)	Dimensions (mm)					Weight (kg)
			A	B	C	D	E	
K ML16	16	4.08	16.00	69.85	152.4	107.95	177.80	0.69
K ML19	19	4.76	19.05	76.20	127	107.95	184.15	0.94
K ML25	25	11.05	25.40	88.90	177.8	139.70	228.60	2.20
K ML32	32	16.32	31.75	111.25	222.25	174.75	285.75	4.34



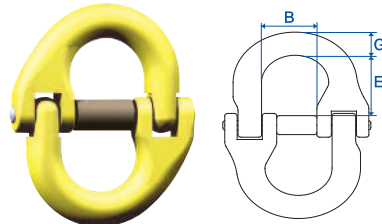
SAFETY HOOK - BK Type



Code	W.L.L. (ton)	Dimensions (mm)							Weight (kg)
		L	A	B	E	F	G	H	
K BK-6-10	1.50	109	12	29	22	10	15	21	0.50
K BK-7/8-10	2.50	138	14	37	28	11	17	26	0.90
K BK-10-10	4.00	168	16	45	34	13	21	31	1.40
K BK-13-10	6.70	207	20	55	44	16	30	40	3.00
K BK-16-10	10.00	254	26	62	56	20	37	50	5.70
K BK-20-10	16.00	289	30	68	60	22	44	64	9.20
K BK-22-8	20.00	320	32	80	70	24	50	64	11.40
K BK-26-8	27.00	342	35	100	80	25	54	68	16.50



COUPLING LINK - G Type



Code	W.L.L. (ton)	Dimensions (mm)			Weight (kg)
		B	G	E	
K G-6-8	1.12	15	8	17	0.1
K G-7/8-8	2.00	18	11	22	0.2
K G-10-8	3.20	25	13	26	0.3
K G-13-8	5.40	30	16	33	0.7
K G-16-8	8.20	36	20	40	1.3
K G-18/20-8	12.80	43	23	47	1.9
K G-22-8	15.50	50	26	59	3.1
K G-26-8	21.60	58	33	61	5.2
K G-32-8	32.80	70	40	77	10.0



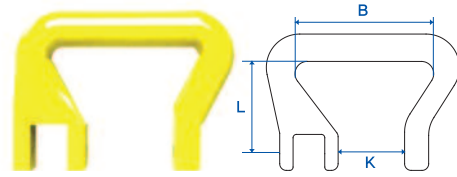
SPARE KIT FOR COUPLING LINK - link G Type



Code	Weight (kg)
K SKA-10-8	0.05
K SKA-13-8	0.10
K SKA-16-8	0.15
K SKA-18/20-8	0.27
K SKA-22-8	0.35
K SKA-26-8	0.64
K SKA-32-8	1.09



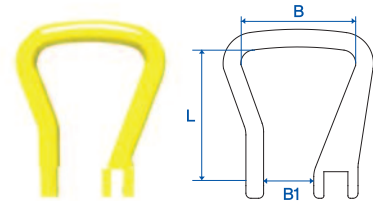
ROUNDSLING COUPLING - SKR Type



Code	W.L.L. (ton)	Dimensions (mm)			Weight (kg)
		L	B	K	
K SKR-7/8-8	2.00	35	40	18	0.2
K SKR-10-8	3.20	42	47	24	0.4
K SKR-13-8	5.40	50	53	29	0.7
K SKR-16-8	8.00	62	67	35	1.2
K SKR-18/20-8	12.80	71	80	43	2.0
K SKR-22-8	15.50	111	125	50	5.2
K SKR-26-8	21.60	129	150	58	9.0



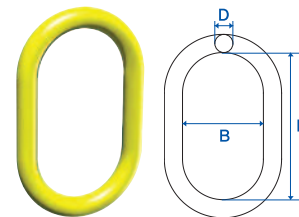
MASTER LINK(OPEN) - SKO Type



Code	W.L.L. (ton)	Dimensions (mm)			Weight (kg)
		L	B	B1	
K SKO-7/8-8	2.0	99	50	15	0.3
K SKO-10-8	3.2	127	66	20	0.6
K SKO-13-8	5.4	145	72	25	1.0
K SKO-16-8	8.2	175	82	30	1.6
K SKO-18/20-8	12.8	204	105	36	2.9



MASTER LINK - M Type



Code	W.L.L. (ton)	Dimensions (mm)			Weight (kg)
		L	B	D	
K M-6-10	1.5	100	60	11	0.2
K M-86-10	2.5	125	70	14	0.4
K M-108-10	4.0	140	80	17	0.8
K M-13-10	5.4	150	90	19	1.0
K M-1310-10	7.5	160	95	22	1.5
K M-1613-10	10.0	190	110	28	2.8
K M-19-10	12.0	200	120	30	3.5
K M-2016-10	17.0	240	140	34	5.3
K M-2220-10	25.0	250	150	40	7.8
K M-2622-10	28.0	250	150	42	8.7
K M-32-10	33.0	300	180	45	12.0

FISHING HARDWARE

BLOCK
SHACKLE
CHAIN

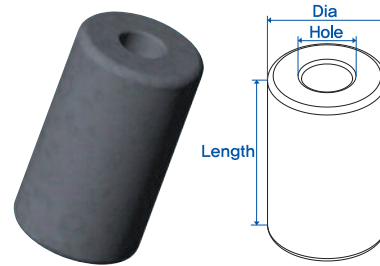
LINK / RING / HOOK

FOOT ROPE GEAR

COURSE (THIMBLE)
SWIVEL / TURNBUCKLE
FLOAT / BUOY

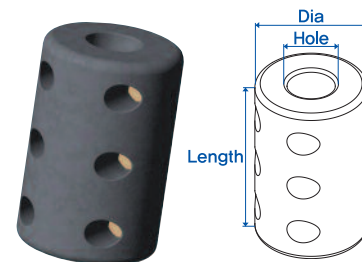
TOOLS
GLOVE / CLOTHING / BOX

RUBBER BOBBIN



Code	Size (mm) D x L	Weight /A (kg)	Weight /W (kg)	Hole dia. (mm)		Code	Size (mm) D x L	Weight /A (kg)	Weight /W (kg)	Hole dia. (mm)	
				small	large					small	large
K RB105117	105 x 117	0.85	0.11	28	-	K RB150165	150 x 165	2.86	0.37	28	-
K RB105165	105 x 165	1.38	0.18	34	-	K RB150180	150 x 180	3.36	0.44	34	-
K RB120135	120 x 135	1.59	0.21	28	-	K RB150200	150 x 200	4.50	0.56	34	-
K RB120150	120 x 150	1.80	0.23	28	-	K RB150300	150 x 300	5.20	0.68	34	-
K RB120180	120 x 180	2.10	0.27	34	-	K RB159165	159 x 165	3.33	0.43	28	-
K RB123129	123 x 129	1.52	0.20	28	-	K RB165180	165 x 180	3.77	0.49	30	-
K RB126135	126 x 135	1.57	0.21	28	-	K RB180180	180 x 180	4.80	0.62	30	75
K RB129150	129 x 150	1.81	0.24	28	-	K RB180190	180 x 190	5.15	0.67	30	-
K RB135135	135 x 135	1.91	0.25	28	-	K RB180200	180 x 200	5.53	0.72	30	-
K RB135150	135 x 150	2.00	0.26	28	-	K RB180240	180 x 240	8.0	1.04	34	-
K RB135180	135 x 180	2.18	0.28	34	-	K RB190195	190 x 195	5.74	0.75	30	-
K RB140150	140 x 150	2.37	0.31	28	-	K RB195195	195 x 195	5.78	0.75	30	-
K RB140160	140 x 160	2.59	0.33	28	-	K RB200210	200 x 210	7.11	0.92	34	75
K RB140180	140 x 180	2.80	0.36	34	-	K RB200240	200 x 240	8.0	1.04	34	-
K RB15050	150 x 50	0.85	0.11	35	-	K RB20050	200 x 50	1.55	0.2	70	-
K RB150150	150 x 150	2.70	0.35	28	-						

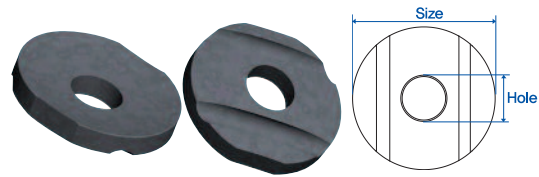
RUBBER BOBBIN CUT (RBC)



Code	Size (mm) D x L	Weight/A (kg)	Weight/W (kg)	Hole dia. (mm)	
				small	large
K RBC105165	105 x 165	1.25	0.30	40	-
K RBC120180	120 x 180	1.88	0.36	50	-
K RBC135150	135 x 150	2.00	0.34	35	-
K RBC140150	140 x 150	3.00	0.42	35	-
K RBC140180	140 x 180	2.67	0.45	32	50
K RBC150150	150 x 150	2.00	0.34	50	-
K RBC150165	150 x 165	2.50	0.42	40	-
K RBC150180	150 x 180	3.18	0.53	32	50
K RBC150300	150 x 300	5.20	0.87	50	-
K RBC180200	180 x 200	4.90	0.63	32	55
K RBC180240	180 x 240	6.40	0.85	32	50



TIRE PIECE / TIRE PRESS



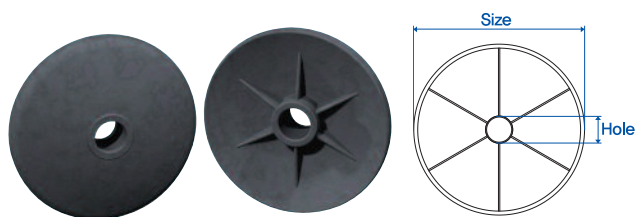
Code	Size (mm)	Weight/A (kg)	Weight/W (kg)	Hole dia. (mm)
K TIP105	105	0.11	0.01	28
K TIP120	120	0.13	0.02	28
K TIP135	135	0.18	0.03	35
K TIP150	150	0.22	0.03	35/80
K TIP180	180	0.40	0.04	35/80
K TIP200	200	0.60	0.06	35/50/80
K TIP240	240	1.10	0.10	35/50/80

TIRE DISK (Rock Hopper Type)



Code	Size (mm)	Dimensions (mm)		Weight (kg)
		A	B	
K 1055-45/45	250	55	45	2.5-3.5
K 1220-20/20	300	70	20	5.0-6.0
K 1250-40/40	300	50	40	4.5-5.5
K 1265-50/50	300	65	50	4.0-5.0
K 1400-00/00	350	0	0	7.0-8.0
K 1450-40/40	350	50	40	6.0-7.5
K 1465-50/50	350	65	50	5.5-7.0
K 1600-00/00	400	0	0	9.0-10.0
K 1665-50/50	400	65	50	8.0-10.0
K 1680-75/75	400	80	75	8.0-10.0
K 1800-00/00	450	0	0	11.5-13.5
K 1865-50/50	450	65	50	13.5-15.5
K 1880-75/75	450	80	75	11.5-13.5
K 2180/15-18	530	80	75	15.0-18.0
K 2180/18-20	530	80	75	18.0-20.0
K 2180/20-23	530	80	75	20.0-23.0
K 2180/23-26	530	80	75	23.0-26.0
K 2180/25-30	530	80	75	26.0-30.0
K 2180/30-35	530	80	75	30.0-35.0
K 2180/35-40	530	80	75	35.0-40.0
K 2480/25-30	600	80	75	25.0-30.0
K 2480/30-35	600	80	75	30.0-35.0
K 2480/35-40	600	80	75	35.0-40.0
K 2480/40-50	600	80	75	40.0-50.0

RUBBER DISH



Code	Size (mm)	hole size (mm)	Weight/A (kg)	thickness (mm)
K TIDI360	360	75	6.9	60
K TIDI440	440	75	7.8	95
K TIDI480	480	75	11.7	105.0
K TIDI700	700	100	30.0	165.0

TIRES (Airplane, Truck)



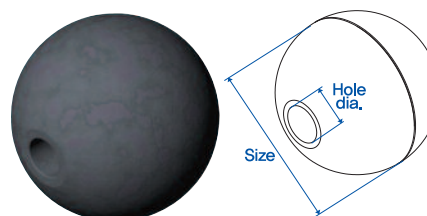
Code	Size (mm)	Weight/A (kg)	Weight/W (kg)
K TIRE 24T	530	15.0	2.0
Airplane K TIRS 24A	530	4.3	3.3
K TIRE 30T	530	20.0	9.1
Airplane K TIRS 30A	530	10.0	4.5

RUBBER BUNT



Code	Size (mm)	Diameter (mm)	Height (mm)	Weight (Kg)	Hole dia. (mm)
K RUBB 300	300 x 200	300	200	9.35	75
K RUBB 400	400 x 270	400	270	24.00	75

RUBBER BALL

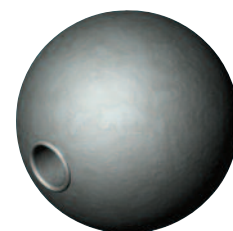


Code	Size (mm)	Weight/A (kg)	Weight/W (kg)	Hole dia. (mm)
K RUB24	150	1.0	0.10	45
K RUB24	200	4.0	0.34	50
K RUB24	240	8.0	0.81	50
K RUB24	300	16.4	1.40	50/70
K RUB24	350	22.9	3.20	50/70
K RUB24	440	48.1	4.60	75
K RUB24	530	83.0	7.50	75



STEEL BALL

Code	Size (mm)	Weight/A (kg)	Weight/W (kg)	Hole dia. (mm)
K STB30	300	20.0	6.5	75
K STB35	350	35.0	12.0	75
K STB44	440	60.5	15.5	75
K STB53	530	85.0	24.5	75



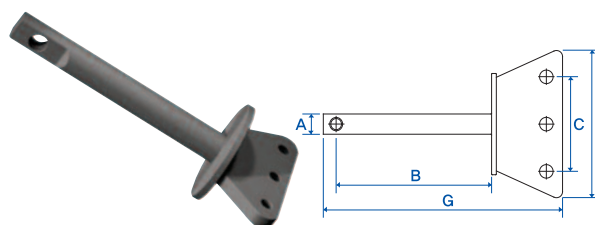
IRON BALL

Size (mm)	Weight / A (Kg)	Weight/A (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

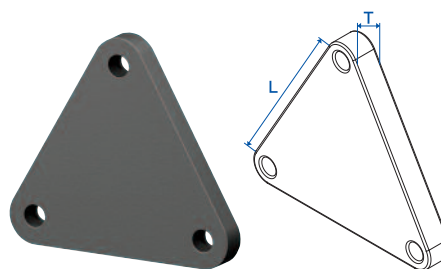
Size (mm)	Weight / A (Kg)	Weight/A (kg)	Hole Dia (mm)
135	5.0	4.4	50
150	7.3	6.4	50
200	12.9	11.2	50



DELTA PLATE WITH BAR

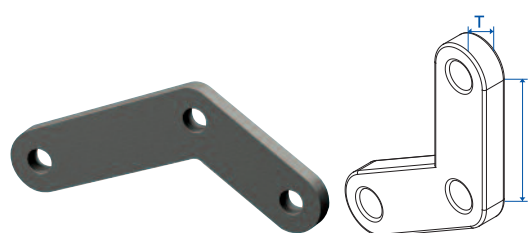
Code	S.W.L. (ton)	Dimensions (mm)					Weight (kg)
		A	B	C	D	G	
K E24	4.2	38	210	140	220	335	4.3
K E25	5.0	45	275	190	270	425	7.4
K E26	5.0	45	275	230	310	425	7.8
K E27	8.5	70	470	270	355	660	34.0
K E29	8.5	70	620	270	370	970	40.0

DELTA PLATE



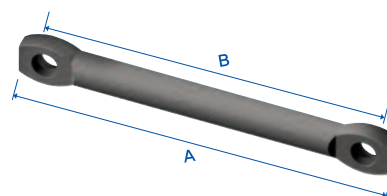
Code	Size (mm)	T (mm)	L (mm)	Weight (kg)
K DEPL22100	22 x 100	22	100	2.4
K DEPL25100	25 x 100	25	100	3.6
K DEPL25150	25 x 150	25	150	5.2
K DEPL25200	25 x 200	25	200	6.8
K DEPL25250	25 x 250	25	250	8.8
K DEPL25300	25 x 300	25	300	10.5

BUTTERFLY PLATE



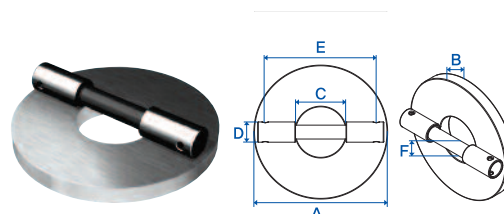
Code	Size (mm)	T (mm)	L (mm)	Weight (kg)
K BUPL230	230	25	230	4.5
K BUPL300	300	25	300	6.5
K BUPL350	350	25	350	8.4
K BUPL400	400	25	400	10.0
K BUPL500	500	25	500	13.0

STEEL BAR WITH WASHER



Code	Size (mm)	A	B	Weight/A (kg)	Weight/W (kg)	Hole dia. (mm)
K SBW30	300	510	430	7.5	6.5	50
K SBW35	350	565	475	8.1	7.1	50
K SBW44	440	640	560	9.5	8.3	50
K SBW53	530	735	645	13.2	11.5	50

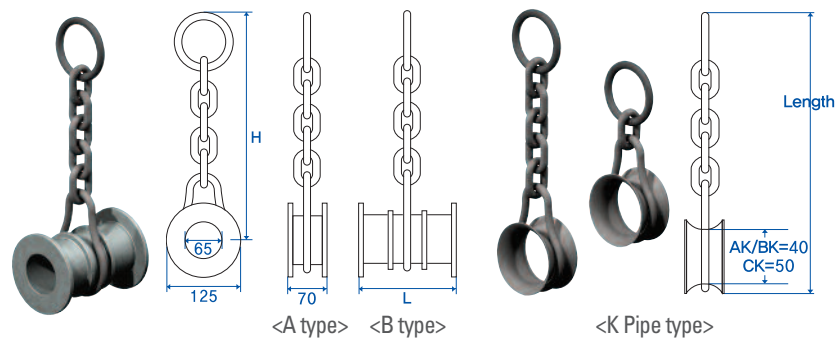
PIN WASHER



Code	Dimensions (mm)						F/chain (mm)	Weight (kg)
	A	B	C	D	E	F		
K MT 10	106	10	40	10	83	6x20	10	0.76
K MT 13	114	10	52	14	87	6x25	13	1.10
K MT 16	150	12	62	15	116	6x26	16	1.65
K MT 19	200	13	72	20	136	10x32	19	4.10
K MT 22	200	13	80	20	136	10x32	22	4.10



HANGING CHAIN



A, B Weight type

Code	H (mm)	Weight (kg)	Code	H (mm)	L (mm)	Weight (kg)
K CT-WA1-70	470	4.8	CT-WB1-200	350	200	8.5
			CT-WB2-200	470	200	8.8
K CT-WA1-70	350	4.5	CT-WB1-300	350	300	14.8
			CT-WB2-300	470	300	15.5

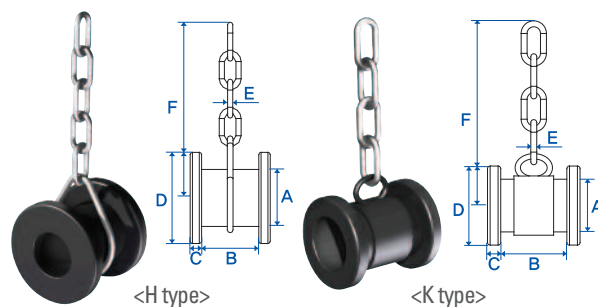
K Pipe type

Code	Chain Size (mm)	Length (m)	Hole Size (mm)	Weight (kg)
CT-AK-1	12	190	40	0.87
CT-AK-3	12	300	40	1.00
CT-AK-5	12	380	40	1.20
CT-BK-1	13	205	40	1.25
CT-BK-3	13	310	40	1.60
CT-BK-5	13	400	40	1.88
CT-CK-1	16	220	50	1.70
CT-CK-3	16	350	50	2.35
CT-CK-5	16	470	50	2.90



BMM

HANGING CHAIN



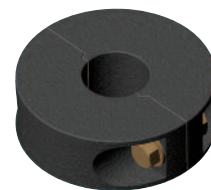
H type

Code	Dimensions (mm)						Weight (kg)	For chain dia. (mm)
	A	B	C	D	E	F		
K E-340 H-5	40	50	8	80	10	300	1.40	10
K E-350 H-5	50	50	8	120	10	320	2.55	13
K E-365 H-5	65	50	10	120	12	320	3.30	16
K E-372 H-5	72	50	10	150	12	390	4.00	19

L type

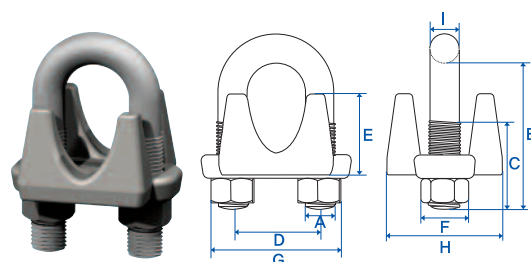
Code	Dimensions (mm)						Weight (kg)	For chain dia. (mm)
	A	B	C	D	E	F		
K E-340 L-5	40	200	4	70	8	240	1.50	10
K E-350 L-5	50	200	5	83	10	310	2.90	13

IRON SINKER



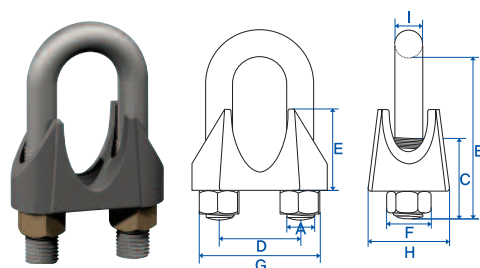
Code	Weight / A (Kg)	Weight / W (Kg)
K IS 1.0	1.0	0.87
K IS 1.5	1.5	1.31
K IS 2.0	2.0	1.74
K IS 2.5	2.5	2.18

WIRE ROPE CLIP



Code	Size (mm)	Dimensions (mm)									Weight (kg)
		A	B	C	D	E	F	G	H	I	
K FWRC13	13	1/2" x 12	48	27	30	26	22	56	45.8	11	0.4
K FWRC16	16	9/16" x 12	58	30	33	32.5	24	63	51.6	12.7	0.5
K FWRC19	19	5/8" x 11	74	37	38	38.5	27	71	58.8	14.2	0.6
K FWRC22	22	3/4" x 10	80	43	44.5	45	27	84.5	69.4	17	1.0
K FWRC25	25	3/4" x 10	89	46	47	46	27	87	72.4	17	1.2
K FWRC28	28	3/4" x 10	99	51	51	50	27	91	76.4	17	1.3
K FWRC30	30	7/8" x 9	108	54	59	54	32	104	81.4	20	2.0
K FWRC35	35	7/8" x 9	115	60	60.5	60	32	105.5	83	20	2.0
K FWRC38	38	7/8" x 9	125	62	64	63	32	109	86.9	20	2.5
K FWRC44	44	1-1/8" x 7	149	82.8	77.5	73	43	133.5	101	26	4.2
K FWRC50	50	1-1/4" x 7	165	88.8	86	81	46	150	112.6	29	5.9

SUS WIRE ROPE CLIP



Code	Size (mm)	Dimensions (mm)									Weight (kg)
		A	B	C	D	E	F	G	H	I	
K SWRC3	3	3/16" x 24	20	14	11.4	10	8	22	12.5	4	15
K SWRC5	5	1/4" x 20	25	15	15	13.5	11	27	14	5.2	32
K SWRC6	6	5/16" x 18	30	17	16.4	16	12.5	31	16	6.8	55
K SWRC8	8	5/16" x 18	33	19	20.6	19	12.5	35	19	6.8	65
K SWRC10	10	3/8" x 18	39	20	23.6	21	14.0	40.5	22	8.2	110
K SWRC13	13	M12 x 1.75	50	25	36.5	26	18.8	46.5	28	10.7	210
K SWRC16	16	1/2" x 12	57	34	31.5	30	18.8	52	33	11	260
K SWRC19	19	M14 x 2.0	66	37	34.5	36	21.8	60	40	12.7	430

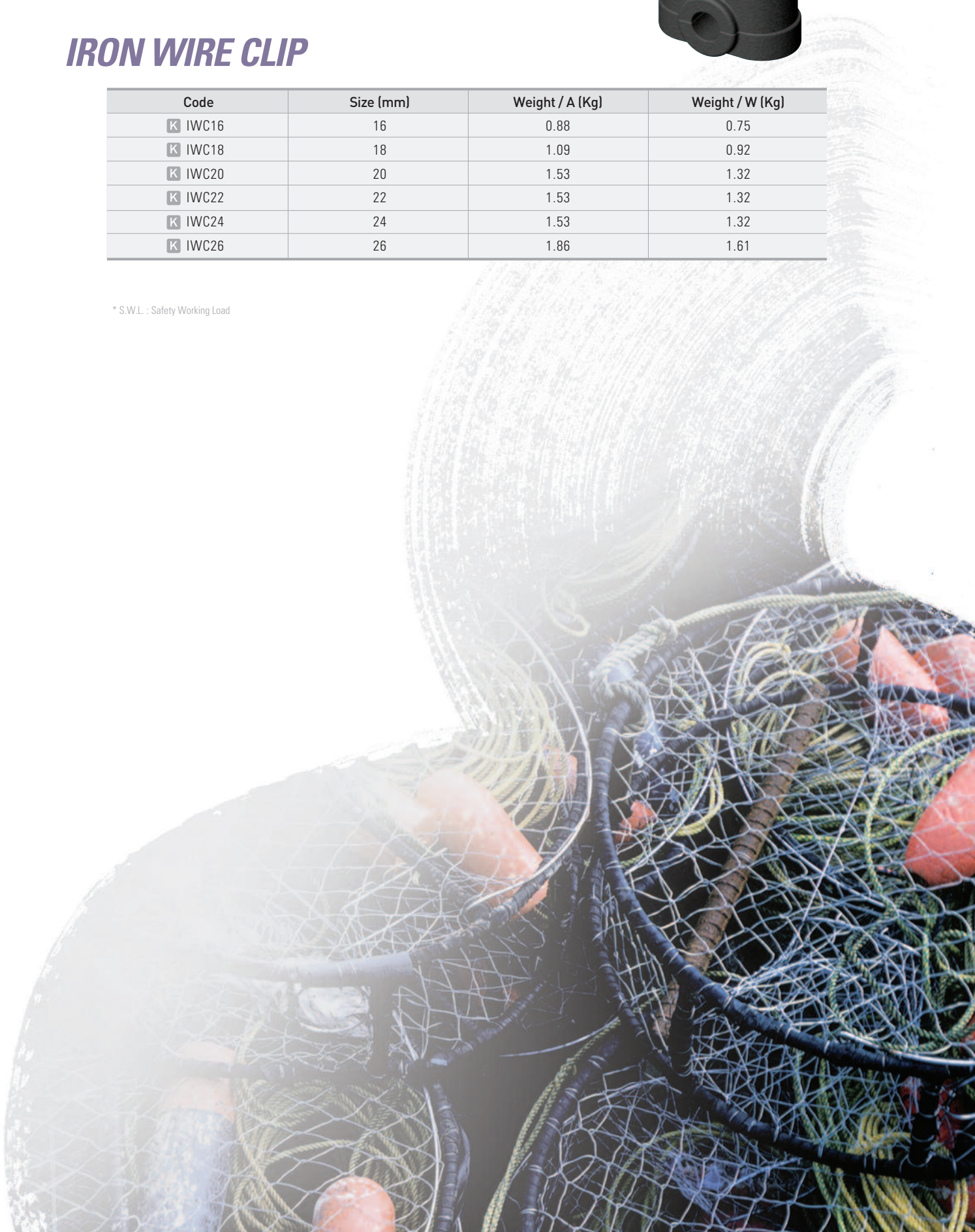
* S.W.L. : Safety Working Load



IRON WIRE CLIP

Code	Size (mm)	Weight / A (Kg)	Weight / W (Kg)
K IWC16	16	0.88	0.75
K IWC18	18	1.09	0.92
K IWC20	20	1.53	1.32
K IWC22	22	1.53	1.32
K IWC24	24	1.53	1.32
K IWC26	26	1.86	1.61

* S.W.L. : Safety Working Load



FISHING HARDWARE

BLOCK
SHACKLE
CHAIN

LINK / RING / HOOK
FOOT ROPE GEAR

COURSE (THIMBLE)

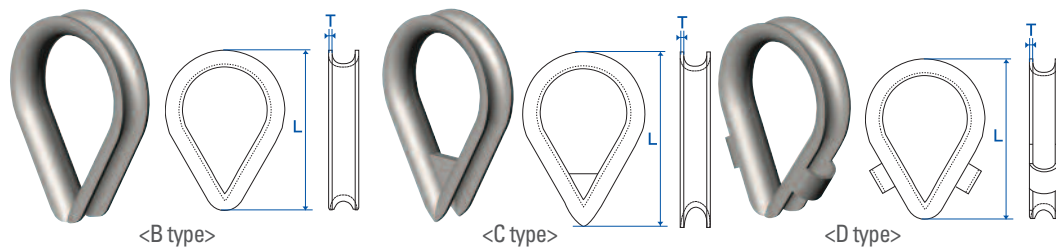
SWIVEL / TURNBUCKLE

FLOAT / BUOY

TOOLS

GLOVE / CLOTHING / BOX

WIRE COURSE (THIMBLE)



B type

Code	Size (mm)	Dimensions (mm)		Weight (kg)
		T	L	
WCB25	25	9	75	0.90
WCB28	28	9	85	1.20
WCB32	32	9	100	1.43
WCB35	35	9	105	1.85
WCB38	38	9	110	2.02
WCB40	40	9	115	2.36

C type

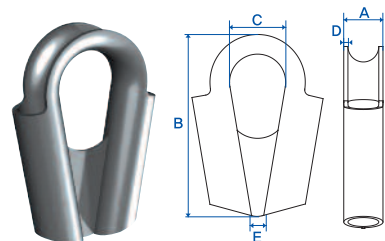
Code	Size (mm)	Dimensions (mm)		Weight (kg)
		T	L	
WCC25	25	9	55	0.95
WCC28	28	9	65	1.25
WCC32	32	9	75	1.50
WCC35	35	9	80	1.90
WCC38	38	9	85	2.10

D type

Code	Size (mm)	Dimensions (mm)		Weight (kg)
		T	L	
WCD22	22	9	50	0.95
WCD25	25	9	55	1.14
WCD28	28	9	65	1.50
WCD32	32	9	75	1.80
WCD35	35	9	80	2.20
WCD38	38	9	85	2.40

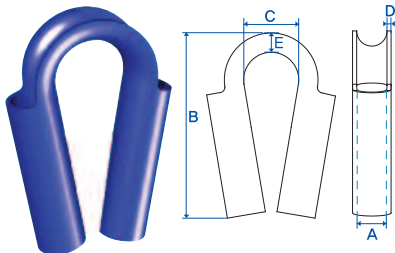
WIRE COURSE (THIMBLE)

- Pipe Type



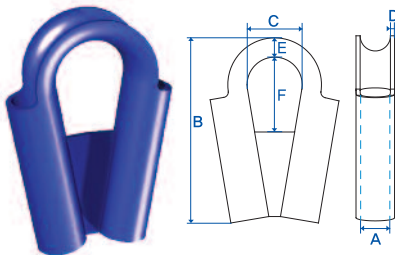
Size	Dimensions (mm)					WT/PC (kg)	For wire max. (mm)
	A	B	C	D	E		
20-21	22	140	35	6	15	0.75	18
22-24	25	180	45	6.3	16	1.4	22
25-27	28	180	45	7	16	1.75	24
28-29	30	195	47	7	18	2	26
30-34	35	215	60	7	22	2.4	32
35-44	45	260	70	7	27	3.3	38

Wire Thimble



Wire Thimble

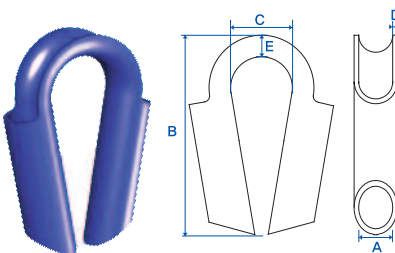
Code	Dimensions (mm)					Weight (kg)	Max. wire (mm)
	A	B	C	D	E		
K G712	12	84	23	4.0	8	0.21	10
K G715	15	95	27	5.0	10	0.40	12
K G717	17	100	27	5.0	10	0.48	14
K G719	20	112	32	5.0	12	0.60	16
K G722	22	125	35	5.0	15	0.71	18
K G725	25	150	45	6.3	16	1.21	22
K G728	28	157	45	7.0	16	1.60	24
K G730	30	170	47	7.0	18	1.91	25
K G735	35	190	60	7.0	22	2.36	32
K G740	40	212	70	9.0	36	3.46	36
K G745	45	228	70	7.0	27	3.54	38
K G750	50	255	75	7.0	35	4.20	42
K G755	55	268	80	7.0	31	4.80	48
K G760	60	270	100	7.0	37	6.10	54



Wire Thimble with Gusset

Wire Thimble with Gusset

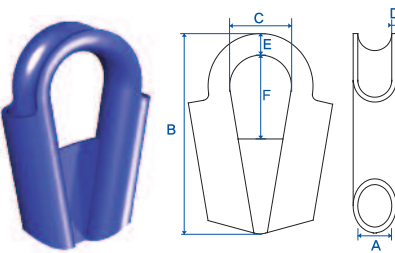
Code	Dimensions (mm)						Weight (kg)	Max. wire (mm)
	A	B	C	D	E	F		
K G712K	12	84	23	4.0	8	24	0.36	10
K G715K	15	95	27	5.0	10	31	0.52	12
K G717K	17	100	27	5.0	10	38	0.55	14
K G719K	20	112	32	5.0	12	46	0.65	16
K G722K	22	125	35	5.0	15	47	0.90	18
K G725K	25	150	45	6.3	16	61	1.26	22
K G728K	28	157	45	7.0	16	56	1.64	24
K G730K	30	170	47	7.0	18	68	2.02	25
K G735K	35	190	60	7.0	22	73	2.50	32
K G740K	40	212	70	9.0	36	80	3.70	36
K G745K	45	228	70	7.0	27	94	3.71	38
K G750K	50	255	75	7.0	35	97	4.65	42
K G755K	55	268	80	7.0	31	99	4.90	48
K G760K	60	270	100	7.0	37	120	6.10	54



Wire Thimble

Wire Thimble

Code	Dimensions (mm)					Weight (kg)	Max. wire (mm)
	A	B	C	D	E		
K G215	15	109	27	5.0	10	0.42	12
K G217	17	115	27	5.0	10	0.50	14
K G219	19	125	32	5.0	12	0.60	16
K G222	22	140	35	5.0	15	0.75	18
K G225	25	158	45	6.3	16	1.23	22
K G228	28	176	45	7.0	16	1.54	24
K G230	30	195	47	7.0	18	1.82	26
K G235	35	210	60	7.0	22	2.40	32



Wire Thimble with Gusset

Wire Thimble with Gusset

Code	Dimensions (mm)						Weight (kg)	Max. wire (mm)
	A	B	C	D	E	F		
K G215K	15	109	27	5.0	10	49	0.46	12
K G217K	17	115	27	5.0	10	40	0.54	14
K G219K	19	125	32	5.0	12	43	0.67	16
K G222K	22	140	35	5.0	15	58	0.80	18
K G225K	25	158	45	6.3	16	59	1.36	22
K G228K	28	176	45	7.0	16	61	1.65	24
K G230K	30	195	47	7.0	18	78	2.00	26
K G235K	35	210	60	7.0	22	93	2.73	32

STAINLESS STEEL WIRE THIMBLE



Stainless Steel

Code	Dimensions (mm)					Weight (kg)	Max. wire (mm)
	A	B	C	D	E		
K G808	8	60	17	3.0	7	0.08	6
K G810	10	70	20	3.0	7	0.12	8
K G812	12	84	20	4.0	9	0.33	10
K G815	15	91	27	5.0	9	0.39	12
K G819	19	113	31	5.0	11	0.79	16
K G824	24	136	46	5.0	15	1.04	21
K G827	27	142	45	5.0	15	1.29	24
K G831	31	163	48	7.0	19	1.68	28
K G839	39	179	60	5.5	20	1.84	35
K G848	48	220	74	5.5	32	2.71	44
K G860	60	260	81	8.5	38	5.75	54

Stainless Steel with Gusset

Code	Dimensions (mm)						Weight (kg)	Max. wire (mm)
	A	B	C	D	E	F		
K G808K	8	60	17	3.0	7	30	0.09	6
K G810K	10	70	20	3.0	7	33	0.13	8
K G812K	12	84	20	4.0	9	34	0.35	10
K G815K	15	91	27	5.0	9	32	0.41	12
K G819K	19	113	31	5.0	11	46	0.62	16
K G824K	24	136	46	5.0	15	57	1.11	21
K G827K	27	142	45	5.0	15	62	1.36	24
K G831K	31	163	48	7.0	19	66	1.79	28
K G839K	39	179	60	5.5	20	83	1.92	35
K G848K	48	220	74	5.5	32	82	2.90	44
K G860K	60	260	81	8.5	38	90	5.90	54

Stainless Steel

Code	Dimensions (mm)					Weight (kg)
	A	B	C	D	E	
K G512	12	80	21	2.4	11	0.12
K G515	15	93	23	2.8	14	0.19
K G521	21	116	27	2.7	16	0.28



HEAVY DUTY HAWSER THIMBLE



Size Range Diameter Inches	Thimble Weight Pounds	Dimensions (mm)						Size Range Diameter Millimeters
		A	B	C	D	E	F	
5/8-3/4	3.5	6.88	4.50	5.00	3.00	1.19	0.41	16 - 18
7/8-1	6.0	8.63	5.75	6.25	3.75	1.44	0.53	22 - 24
1-1/8 ~ 1-1/4	9.5	10.13	6.75	7.25	4.25	1.69	0.66	28 - 30
1-3/8 ~ 1-1/2	18.5	12.13	8.00	8.75	5.00	2.19	0.78	34 - 36
1-5/8 ~ 1-3/4	24.0	12.75	8.00	9.25	5.00	2.44	0.94	40 - 44
1-7/8 ~ 2	33.5	14.75	9.50	10.75	6.00	2.69	1.06	46 - 48
2-1/8 ~ 2-1/4	53.5	17.13	11.00	12.50	7.00	3.13	1.19	52 - 56
2-3/8 ~ 2-1/2	81.5	19.25	12.75	14.25	8.25	3.88	1.38	58 - 60
2-3/4 ~ 3	136.5	24.50	15.00	17.00	9.38	4.94	1.63	68 - 72

ORKOT THIMBLE



Rope		ORKOT BUSHINGS	SHACKLE			Working Load Limit* TONS
Size Range Diameter Inches	Size Maximum Circumference Inches		Size INCHES	Pin Diameter INCHES	Jaw Winch INCHES	
7/8	2-3/4	SSB-6	7/8	1	1.44	6.5
1	3	SSB-8	1	1-1/8	1.69	8.5
1-1/8	3-1/2	SSB-9	1-1/8	1-1/4	1.81	9.5
1-1/4	3-3/4	SSB-12	1-1/4	1-3/8	2.03	12.0
1-3/8	4-1/4	SSB-13	1-3/8	1-1/2	2.25	13.5
1-1/2	4-1/2	SSB-17	1-1/2	1-5/8	2.38	17.0
1-3/4	5-1/2	SSB-25	1-3/4	2	2.88	25.0
2	6	SSB-35	2	2-1/4	3.25	35.0
2-1/2	7-1/2	SSB-55	2-1/2	2-3/4	4.13	55.0
3	9	SSB-85	3	3-1/4	5.00	85.0

FISHING HARDWARE

BLOCK
SHACKLE
CHAIN

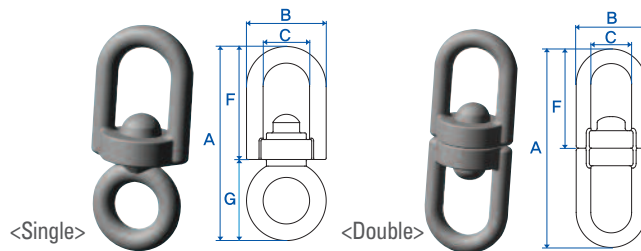
LINK / RING / HOOK
FOOT ROPE GEAR
COURSE (THIMBLE)

SWIVEL / TURNBUCKLE

FLOAT / BUOY
TOOLS
GLOVE / CLOTHING / BOX

REGULAR SWIVEL

Single



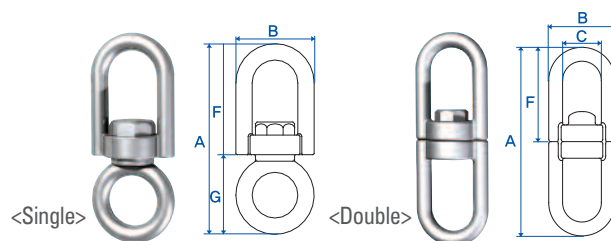
Code	Size (mm)	S.W.L (ton)	Dimensions (mm)					Weight (kg)
			A	B	C	F	G	
RSS13	13	1.0	135	60	35	85	50	0.4
RSS16	16	1.5	154	72	40	99	55	0.8
RSS19	19	2.5	189	83	45	115	74	1.3
RSS22	22	5.0	209	96	52	132	77	1.9
RSS25	25	6.5	232	102	52	146	86	2.8
RSS28	28	8.0	253	113	57	157	96	4.0
RSS32	32	10.0	272	128	64	166	106	6.5
RSS38	38	15.0	325	152	76	203	122	9.6

Double

Code	Size (mm)	S.W.L (ton)	Dimensions (mm)				Weight (kg)
			A	B	C	F	
RSD13	13	1.0	170	60	35	85	0.8
RSD16	16	1.5	198	72	40	99	1.2
RSD19	19	2.5	230	83	45	115	1.7
RSD22	22	5.0	264	96	52	132	2.4
RSD25	25	6.5	292	102	52	146	3.4
RSD28	28	8.0	314	113	57	157	5.0
RSD32	32	10.0	332	128	64	166	8.5
RSD38	38	15.0	406	152	76	203	14.5

STAINLESS STEEL REGULAR SWIVEL

Single



Code	Size (mm)	Dimensions (mm)				Weight (kg)
		A	B	F	G	
SSRSS10	10	94.0	41.0	56.5	37.5	0.19
SSRSS13	13	129.5	56.0	77.0	52.5	0.14
SSRSS16	16	147.0	68.0	91.0	57.0	0.76
SSRSS19	19	174.0	81.0	110.0	65.0	1.65
SSRSS22	22	206.0	96.0	125.0	73.0	2.80
SSRSS25	25	215.0	100.0	137.0	83.0	3.04

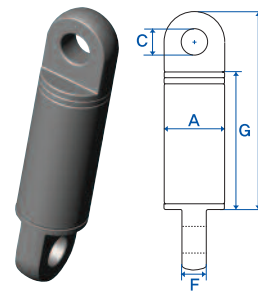
Double

Code	Size (mm)	Dimensions (mm)				Weight (kg)
		A	B	C	F	
SSRSD10	10	113.0	41.0	23.0	56.5	0.24
SSRSD13	13	154.0	56.0	30.0	77.0	0.51
SSRSD16	16	182.0	69.0	37.0	91.0	0.98
SSRSD19	19	220.0	81.0	43.0	110.0	2.08
SSRSD22	22	250.0	94.0	50.0	125.0	3.16
SSRSD25	25	274.0	100.0	50.0	137.0	4.24



BEARING SWIVEL

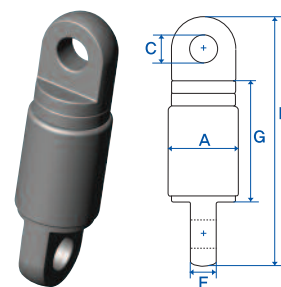
- Eye & Eye Type



Code	W.L.L. (ton)	Dimensions (mm)					Weight (kg)
		A	B	C	F	G	
K DCBS-EE01	1	50	174	21	13	80	1.4
K DCBS-EE02	2	68	223	22	19	119	3.5
K DCBS-EE03	3	79	276	29	26	136	6.4
K DCBS-EE05	5	89	284	31	26	151	7.9
K DCBS-EE08	8	106	367	43	40	176	15.2
K DCBS-EE10	10	118	391	49	40	200	19.1
K DCBS-EE15	15	128	457	49	40	225	26.2
K DCBS-EE20	20	120	474	51	40	242	25.0

COMPACT BEARING SWIVEL

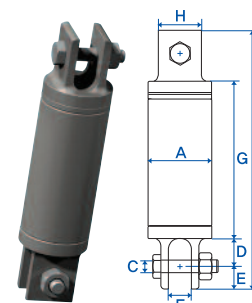
- Eye & Eye Type



Code	W.L.L. (ton)	Dimensions (mm)					Weight (kg)
		A	B	C	F	G	
K DCBS03	3	65	195	26	27	85	3.6
K DCBS05	5	70	230	30	33	102	5.2
K DCBS08	8	85	260	34	42	117	7.1
K DCBS12	12	92	295	41	50	127	10.2
K DCBS17	17	120	360	52	52	134	15.0
K DCBS22	22	125	436	52	58	205	18.0

BEARING SWIVEL

- Jaw & Jaw Type

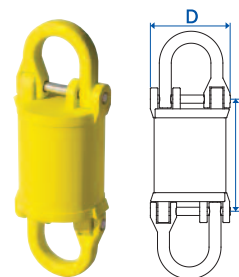


Code	Dimensions (mm)								Weight (kg)
	A	B	C	D	E	F	G	H	
K DCBS-JJ01	79	254	19	33.5	25.5	22.5	136	42	7.7
K DCBS-JJ05	89	299	22	41	25.5	28.5	160	57	9.5
K DCBS-JJ08	106	374	25	54	35	39	196	70	18.2
K DCBS-JJ10	118	508	38	89	45	45	240	86	22.9
K DCBS-JJ15	120	547	38	89	45	45	279	86	30.0
K DCBS-JJ20	128	610	50	94	60	50	302	100	32.0



ROLLER BEARING SWIVEL

- Electrically Insulated

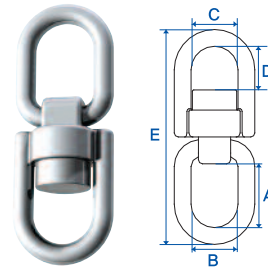


Code	W.L.L. (ton)	Dimensions (mm)		Chain size (mm)	Weight (kg)
		L	D		
K SKLI-7/8-8	2.0	75	48	8.7	0.7
K SKLI-10-8	3.2	97	59	10.0	1.4
K SKLI-13-8	5.4	120	75	13.0	2.9
K SKLI-16-8	8.2	137	90	16.0	4.7
K SKLI-18/20-8	12.8	159	104	19.0	7.1

* S.W.L. : Safety Working Load



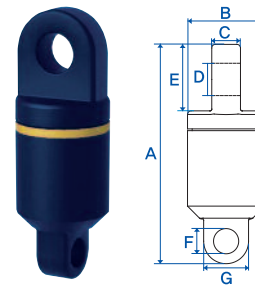
STAINLESS STEEL - FLEX SWIVEL



Code	W.L.L. (ton)	Dimensions (mm)					Weight (kg)
		A	B	C	D	E	
K A 12 SSF	1.6	30	28	28	34	160	0.56
K A 16 SSF	3.2	41	38	37	48	200	1.20
K A 19 SSF	4.7	44	40	40	54	235	2.00
K A 22 SSF	6.3	44	40	40	55	255	2.90
K A 25 SSF	8.3	55	50	45	70	320	4.70
K A 28 SSF	10.4	55	50	50	80	330	6.14
K A 32 SSF	12.0	55	55	54	93	360	9.20
K A 38 SSF	18.0	62	58	60	110	410	14.60
K A 45 SSF	28.0	75	70	70	115	515	24.00



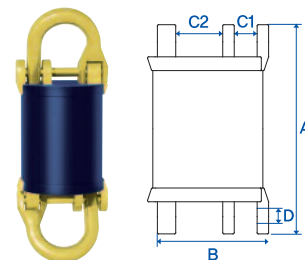
BALL BEARING SWIVEL



Code	S.W.L. (ton)	Dimensions (mm)							Weight (kg)
		A	B	C	D	E	F	G	
K 401	1	126	43	16	15	36	18	35	0.60
K 402	2	157	54	20	20	45	22	45	1.50
K 403	3	189	65	27	26	55	28	55	2.75
K 405	5	220	70	33	30	64	33	60	3.90
K 408	8	250	85	42	34	73	39	75	6.70
K 412	12	295	95	50	41	86	45	86	10.60
K 417	17	360	120	57	45	113	55	108	18.50
K 422	22	435	131	60	52	118	63	118	29.70
K 432	32	500	160	65	59	132	73	140	45.00
K 445	45	700	220	102	74	190	100	200	130.00



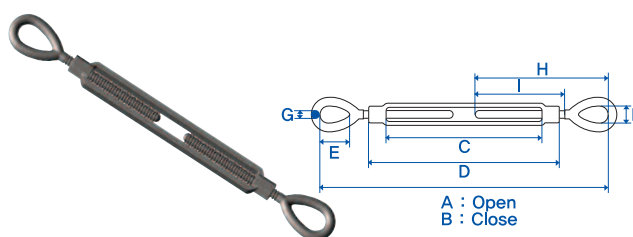
TAPERED ROLLER THRUST BEARING SWIVEL



Code	S.W.L. (ton)	Dimensions (mm)					Weight (kg)
		A	B	C1	C2	D	
K A806-16	6.4	199	91	18	36	13	9
K A810-19	10	193	115	18	43	14	9
K A812-22	12	200	135	23	49	17	9.7
K A817-26	17	250	150	27	57	20	17.3

TURNBUCKLE

- Eye & Eye Type

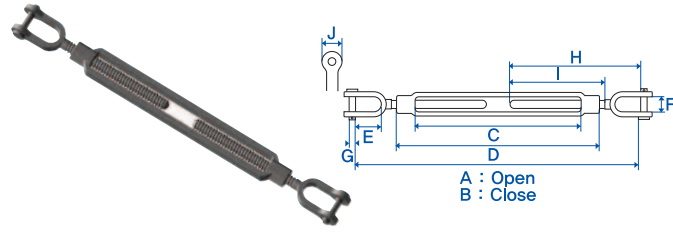


Code	Size (mm)	Dimensions (mm)									W.L.L. (ton)	Weight (kg)
		A	B	C	D	E	F	G	H	I		
K TB□□-1015	10 x 150	443.8	291.3	152.4	180.8	28.4	13.5	8.6	145.8	96.5	1.54	0.3
K TB□□-1315	13 x 150	510.0	332.2	152.4	190.5	36.1	18.3	11.2	166.1	102.9	1.00	0.5
K TB□□-13225	13 x 225	662.4	408.4	228.6	266.7	36.1	18.3	11.2	204.2	141.0	1.00	0.7
K TB□□-1330	13 x 300	814.8	484.6	304.8	342.9	36.1	18.3	11.2	242.3	179.1	1.00	1.0
K TB□□-1615	16 x 150	557.0	372.9	152.4	200.2	45.7	22.4	12.7	186.4	109.2	1.59	1.3
K TB□□-16225	16 x 225	709.4	449.1	228.6	278.4	45.7	22.4	12.7	224.5	147.3	1.59	1.5
K TB□□-1630	16 x 300	861.8	525.3	304.8	352.6	45.7	22.4	12.7	262.6	185.4	1.59	1.6
K TB□□-1915	19 x 150	557.0	416.1	152.4	209.6	53.1	25.4	15.7	208.1	115.6	2.36	1.7
K TB□□-19225	19 x 225	759.4	492.3	228.6	285.8	53.1	25.4	15.7	246.0	153.7	2.36	2.1
K TB□□-1930	19 x 300	911.4	568.5	304.8	362.0	53.1	25.4	15.7	284.2	191.8	2.36	2.5
K TB□□-1945	19 x 450	1216.1	720.9	457.2	514.4	53.1	25.4	15.7	360.4	268.0	2.36	3.3
K TB□□-2230	22 x 300	941.6	592.3	304.8	371.3	60.5	31.8	19.1	296.2	198.1	3.27	3.3
K TB□□-2245	22 x 450	1246.4	744.7	457.2	523.7	60.5	31.8	19.1	372.4	274.3	3.27	4.5
K TB□□-2515	25 x 150	710.4	507.2	152.4	228.6	76.2	36.6	22.4	253.5	128.3	4.54	4.1
K TB□□-25225	25 x 225	1015.2	659.6	304.8	381.0	76.2	36.6	22.4	329.7	204.5	4.54	5.2
K TB□□-2545	25 x 450	1320.0	812.0	457.2	533.4	76.2	36.6	22.4	405.9	280.7	4.54	6.4
K TB□□-2560	25 x 600	1624.8	964.4	609.6	685.8	76.2	36.6	22.4	482.1	356.9	4.54	7.8
K TB□□-3230	32 x 300	1087.4	719.1	304.8	384.0	90.4	46.0	28.4	360.0	210.3	6.90	8.6
K TB□□-3245	32 x 450	1392.2	817.5	457.2	536.4	90.4	46.0	28.4	435.9	286.5	6.90	12.3
K TB□□-3260	32 x 600	1697.0	1023.9	609.6	688.8	90.4	46.0	28.4	512.1	362.7	6.90	12.4
K TB□□-3830	38 x 300	115.7	774.7	304.8	400.1	103.1	53.8	31.8	387.4	221.5	9.72	12.5
K TB□□-3845	38 x 450	1460.5	927.1	457.2	552.5	103.1	53.8	31.8	463.6	297.7	9.72	14.1
K TB□□-3860	38 x 600	1765.3	1079.5	609.6	704.9	103.1	53.8	31.8	540.0	373.9	9.72	17.0
K TB□□-4445	44 x 450	1457.5	1000.3	457.2	568.5	117.3	60.5	38.1	500.1	308.9	12.71	23.8
K TB□□-4460	44 x 600	1762.2	1152.7	609.6	720.9	117.3	60.5	38.1	576.3	385.1	12.71	26.3
K TB□□-5060	50 x 600	1922.5	1312.9	609.6	736.6	146.1	60.5	44.5	656.3	396.0	16.80	38.7



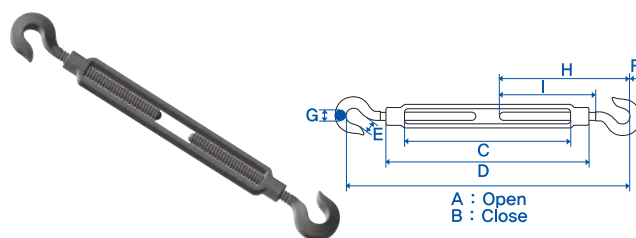
TURNBUCKLE

- Jaw & Jaw Type



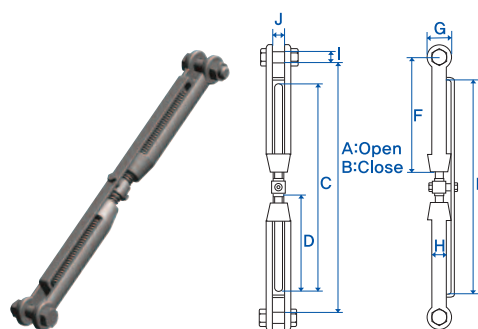
Size (in.)	Dimensions (mm)										S.W.L. (ton)	Weight (kg)
	A	B	C	D	E	F	G	H	I	J		
3/8" x 6	410.0	257.6	152.4	180.8	22.1	12.7	7.9	145.8	96.5	20.6	0.54	0.4
1/2" x 6	510.0	332.2	152.4	190.5	26.9	15.8	9.7	146.1	102.9	25.4	1.00	0.7
1/2" x 9	622.3	368.3	228.6	266.7	26.9	15.8	9.7	184.2	141.0	25.4	1.00	0.8
1/2" x 12	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" x 6	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" x 9	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" x 12	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" x 6	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" x 9	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" x 12	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" x 18	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" x 12	891.8	542.5	304.8	371.6	44.5	28.5	19.1	271.3	198.1	47.8	3.27	3.7
7/8" x 18	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" x 6	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" x 12	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" x 18	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" x 24	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" x 12	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" x 18	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" x 24	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" x 12	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" x 18	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" x 24	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" x 18	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" x 24	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" x 24	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" x 24	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" x 24	1898.7	1289.1	609.6	788.9	112.8	73.0	69.9	644.5	440.2	155.4	155.4	89.9

TURNBUCKLE - Hook & Hook Type



Size (in.)	Dimensions (mm)									S.W.L. (ton)	Weight (kg)
	A	B	C	D	E	F	G	H	I		
5/8" x 6	520.7	336.6	152.4	200.2	22.9	25.4	16.0	168.3	109.2	1.02	1.2
5/8" x 9	673.1	412.8	228.6	276.4	22.9	25.4	16.0	206.4	147.3	1.02	1.5
5/8" x 12	825.5	489.0	304.8	352.6	22.9	25.4	16.0	244.5	185.4	1.02	1.6
3/4" x 6	568.5	378.0	152.4	209.6	24.9	30.5	19.1	189.0	115.6	1.36	1.8
3/4" x 9	720.9	454.2	228.6	285.8	24.9	30.5	19.1	227.1	153.7	1.36	2.4
3/4" x 12	873.3	530.4	304.8	362.0	24.9	30.5	19.1	265.2	191.8	1.36	2.5
3/4" x 18	1178.1	682.8	457.2	614.4	24.9	30.5	19.1	341.4	268.0	1.36	3.7
7/8" x 12	914.4	565.2	304.8	371.3	28.7	35.1	22.4	282.6	198.1	1.82	3.7
7/8" x 18	1219.2	717.6	457.2	523.7	28.7	35.1	22.4	358.8	274.3	1.82	4.5
1" x 6	651.0	447.8	152.4	228.6	31.8	38.9	25.4	223.9	128.3	2.27	4.2
1" x 12	955.8	600.2	304.8	381.0	31.8	38.9	25.4	300.1	204.5	2.27	5.4
1" x 18	1260.6	752.6	457.2	533.4	31.8	38.9	25.4	376.3	280.7	2.27	6.4
1" x 24	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" x 12	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" x 18	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" x 24	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

FISHING HARDWARE

BLOCK
SHACKLE
CHAIN

LINK / RING / HOOK
FOOT ROPE GEAR
COURSE (THIMBLE)
SWIVEL / TURNBUCKLE

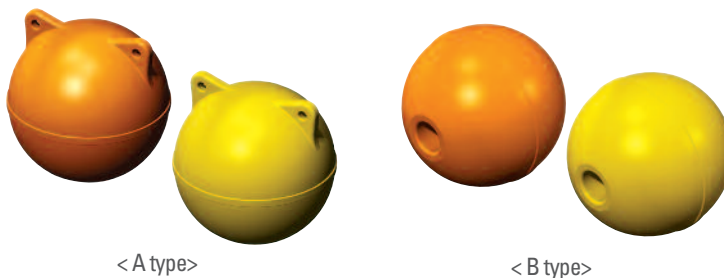
FLOAT / BUOY

TOOLS
GLOVE / CLOTHING / BOX



FLOAT

(made in Korea)



< A type >

< B type >

A Type

Code	Dia (mm)	Working Depth (m)	Buoyant (kg)	Weight (kg)
 KF203A	200	300	3.60	0.68
 KF243A	240	300	5.60	1.36
 KF248A	240	800	4.80	2.10
 KF2415A	240	1500	4.92	2.95
 KF2720A	270	2000	4.2	2.50
 KF303A	300	300	11.50	2.00
 KF308A	300	800	9.70	3.90
 KF363A	360	300	19.20	4.40
 KF368A	360	800	17.40	6.70
 KF2110A	210	1000	2.70	2.00
 KF3010A	300	1000	9.00	5.00

B Type

Code	Dia (mm)	Working Depth (m)	Buoyant (kg)	Weight (kg)
 KF203B	200	300	3.54	1.00
 KF208B	200	800	2.70	1.30
 KF368B	360	800	16.00	7.20
 KF276B	270	600	7.60	3.70
 KF248B	240	800	5.00	2.00

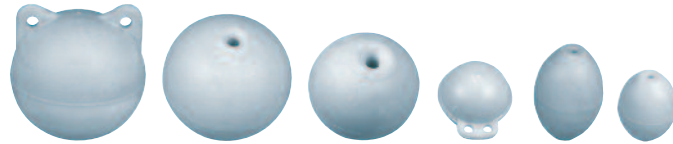
FLOAT (made in Japan)

Code	Diameter (m/m)	Water depth (m)	Weight (kg)	Buoyancy (kg)	Dia. of Hole (m/m)	Pcs/Packing	Color	Shape
 CT-3012A	300	1,200	5.20	8.30	25	6	Blue	
 CT-3615A	360	1,500	9.80	13.30	28	4	Yellow	
 CT-458B	450	800	14.10	31.00	38	2	Red	⊕



DEEP SEA TRAWL FLOAT

(made in spain)



Titanium Plastic

Code	Ø	Buoyancy	Max. Depth	Working Depth	Ø Hole	Impact Strenght	Packing
 TITA- 20/2	200 mm.	2.900 gr.	2.000 m.	1.400 m.	21 mm.	60 kg/m.	10 pcs.
 TITA- 20/3	200 mm.	2.500 gr.	3.000 m.	2.500 m.	21 mm.	65 kg/m.	10 pcs.
 TITA- 28/2	280 mm.	6.750 gr.	2.000 m.	1.400 m.	24 mm.	60 kg/m.	5 pcs.
 TITA- 30/3	300 mm.	9.150 gr.	3.000 m.	2.500 m.	asas/handles	60 kg/m.	4 pcs.
 TITA R-135	135 mm.	850 gr.	2.000 m.	1.400 m.	asas/handles	55 kg/m.	40 pcs.
 TITA Y-115/2	115 mm.	625 gr.	2.000 m.	1.400 m.	14 mm.	45 kg/m.	50 pcs.
 TITA Y-150/13	150 mm.	1.575 gr.	1.300 m.	900 m.	18 mm.	40 kg/m.	20 pcs.
 TITA Y-150/20	150 mm.	1.325 gr.	2.000 m.	1.400 m.	18 mm.	50 kg/m.	20 pcs.

Velocidad Speed	135 mm.	175 mm.	200 mm.	240 mm.	250 mm.	280 mm.	300 mm.
2,0 knots	0,36 kg.	0,46 kg.	0,8 kg.	1,1 kg.	1,25 kg.	1,4 kg.	1,8 kg.
2,5 knots	0,63 kg.	0,81 kg.	1,3 kg.	1,8 kg.	2,0 kg.	2,24 kg.	2,9 kg.
3,0 knots	0,90 kg.	1,16 kg.	1,8 kg.	2,6 kg.	3,10 kg.	3,40 kg.	4,1 kg.
3,5 knots	1,35 kg.	1,75 kg.	2,7 kg.	3,8 kg.	4,25 kg.	4,80 kg.	6,1 kg.
4,0 knots	1,62 kg.	2,10 kg.	3,2 kg.	4,7 kg.	5,10 kg.	5,80 kg.	7,4 kg.



Hydrodynamic

Ref.	Ø	Buoyancy	Max. Depth	Working Depth	Ø Hole	Impact Strenght	Packing
 HYD-N90/13	200 mm.	3.100 gr.	1.700 m.	1.200 m.	21 mm.	45 kg/m.	10 pcs.
 HYD-TITA 20/2	200 mm.	2.900 gr.	2.000 m.	1.400 m.	21 mm.	60 kg/m.	10 pcs.
 HYD-N280/13	280 mm.	7.500 gr.	1.300 m.	1.050 m.	24 mm.	55 kg/m.	5 pcs.
 HYD-TITA28/23	280 mm.	6.750 gr.	2.000 m.	1.700 m.	24 mm.	60 kg/m.	5 pcs.

EVA FLOAT



FLOAT / BUOY

Code	Specification(±)5%			Color
	L x OD x HD (mm)	Weight (kg)	Buoyant (kg)	
K EF-100	280 x 265 x 50	1,660	10,000	Yellow
K EF-90	262 x 253 x 48	1,420	9,000	Yellow / Red
K EF-70	242 x 226 x 45	1,030	7,000	Yellow / Red
K EF-50	220 x 215 x 45	815	5,000	Yellow
K EF-40	200 x 180 x 37	615	4,000	Yellow / Red
K EF-30	188 x 160 x 32	450	3,000	Yellow / White
K EF-24	178 x 147 x 30	350	2,400	Yellow / White
K EF-20	178 x 135 x 30	280	2,000	Yellow / White
K EF-15	168 x 116 x 26	220	1,400	Yellow / White
K EF-10	168 x 110 x 21	175	960	Yellow / White
K EF-6	145 x 94 x 20	117	630	Yellow / White
K EF-4.5	128 x 85 x 16	80	450	Yellow / White
K EF-3	105 x 72 x 18	60	315	Yellow

Code	Specification(±)5%			Color
	L x OD x HD (mm)	Weight (kg)	Buoyant (kg)	
K SHE-105	320 x 295 x 70	2,150	15,000	Yellow
K SHE-100	285 x 260 x 50	1,514	10,000	Yellow
K SHE-85	265 x 248 x 48	1,314	8,000	Yellow
K SHE-70	250 x 220 x 42	1,000	7,000	Yellow / Red
K SHE-60	240 x 215 x 42	874	6,000	Yellow / Red
K SHE-50	225 x 202 x 40	786	5,000	Yellow
K SHE-40	208 x 185 x 37	585	3,800	Yellow / Red
K SHE-30	190 x 158 x 33	447	1,980	Yellow
K SHE-25	180 x 147 x 28	350	2,400	Yellow
K SHE-20	178 x 135 x 28	265	1,680	Yellow
K SHE-20N	178 x 135 x 28	265	1,700	Yellow
K SHE-15	160 x 125 x 28	235	1,500	Yellow
K SHE-10	170 x 110 x 20	180	950	Yellow / White
K SHE-6	146 x 94 x 20	93	616	Yellow / White
K SHE-3	101 x 78 x 20	46	300	Yellow / White
K SS-5	155 x 110 x 25	170	1,100	Yellow / White
K SS-3	130 x 110 x 25	140	920	Yellow



POLYFORM BUOY

(made in U.S.A)

All around the world,
many people rely on our
A series than any other buoys.



A Series Specifications



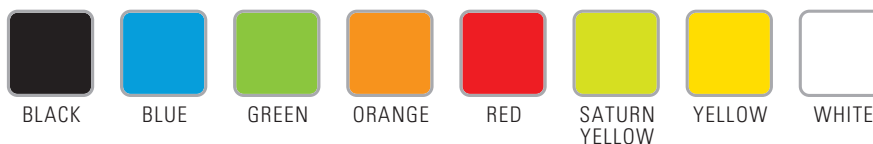
Code	Size (Diameter x Length)	Eye Diameter	Circumference	Buoyancy Ratings	Pieces Per Caton
 A-0	20.3 x 29.2 cm	1.6 cm	72.2 cm	6.0 kg	20
 A-1	27.9 x 38.1 cm	2.5 cm	91.1 cm	13.0 kg	10
 A-2	36.8 x 49.5 cm	2.8 cm	122.5 cm	31.0 kg	10
 A-3	43.2 x 58.4 cm	2.8 cm	147.6 cm	55.0 kg	10
 A-4	52.1 x 68.6 cm	2.8 cm	172.7 cm	85.0 kg	10
 A-5	68.6 x 91.4 cm	3.0 cm	219.8 cm	179.6 kg	5
 A-6	86.4 x 111.8 cm	3.8 cm	270.0 cm	359.2 kg	3
 A-7	99.1 x 137.2 cm	5.0 cm	329.7 cm	610.1 kg	2

LD Series Specifications



Code	Size (Diameter x Length)	Eye Diameter	VOLUME (gallons/liters)	Pieces Per Caton
 LD-1	21,9 x 48.3cm	1.0" (2,5 cm)	3.5gals.(13.0ℓ)	10
 LD-2	29,9 x 61cm	1.0" (2,5 cm)	8.2gals.(30.8ℓ)	10
 LD-3	34,3 x 73,7cm	1.0" (2,5 cm)	14.5gals.(54.9ℓ)	10

A And LD Series Colors



Other Series



<CC Series>



<F Series>



<EFC Series>

FISHING HARDWARE

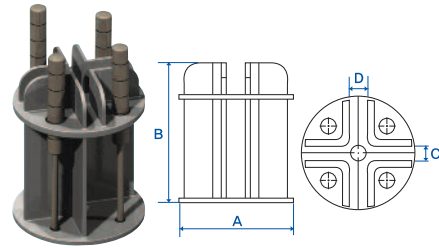
BLOCK
SHACKLE
CHAIN

LINK / RING / HOOK
FOOT ROPE GEAR
COURSE (THIMBLE)
SWIVEL / TURNBUCKLE
FLOAT / BUOY

TOOLS

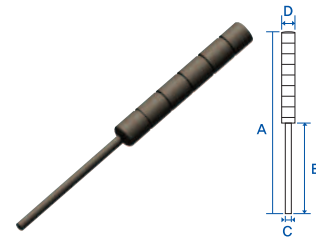
GLOVE / CLOTHING / BOX

TOOL WITH PUNCHES FOR CONNECTOR



Code	Dimensions (mm)				no. of punches	Weight (kg)	for connector
	A	B	C	D			
E600	160	170	25	21	4	6.8	10-13-16-19
E601	160	170	25	21	0	5.1	
E610	160	200	35	28	2	7.2	19-22
E611	160	200	35	28	0	6.1	

PUNCHE FOR CONNECTOR



Code	Dimensions (mm)				Weight (kg)	for connector
	A	B	C	D		
E600-05	175	50	5	22	0.33	7
E600-07	190	70	7	22	0.36	10
E600-09	210	85	9	22	0.41	13
E600-11	220	100	11	22	0.45	16
E600-13	240	115	13	22	0.50	19
E600-15	250	125	15	22	0.55	22
E600-17	265	140	17	22	0.65	26

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



HAMMER



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

CHISEL HAMMER

- Wooden Handle



Code	Size (mm)	Dimensions (mm)		Weight (kg)
		L	B	
 CHWH450	450	450	19	0.7
 CHWH900	900	350	45	1.7

CROCODILE SPANNER



Code	Size (mm)	Dimensions (mm)		Weight (kg)
		L	B	
 CROS300	300	300	55	1.0
 CROS400	400	400	60	1.2
 CROS500	500	500	78	2.3
 CROS600	600	600	78	2.8

IRON SPIKE



Code	Size (mm)	Dimensions (mm)		Weight (kg)
		L	B	
 IRSP300	300	300	16	0.6
 IRSP350	350	350	19	0.7
 IRSP400	400	400	24	1.0
 IRSP450	450	450	27	1.4
 IRSP500	500	500	30	2.0
 IRSP600	600	600	30	2.5

WOODEN SPIKE



Code	Size (mm)	Dimensions (mm)		Weight (kg)
		L	B	
K WSP350	350	350	55	0.50
K WSP400	400	400	60	0.88

WIRE SPIKE



Code	Dimensions (mm)		Weight (kg)
	A	B	
K EM260CH	260	16	0.24
K EM310CH	310	20	0.37
K EM350CH	350	25	0.81
K EM410CH	410	25	1.06
K EM450CH	450	28	1.21
K EM510CH	510	28	1.39
K EM610CH	610	28	1.88
K EM700CH	700	28	2.30
K EM900CH	900	28	3.38

MARLIN SPIKE



Code	Dimensions (mm)		Weight (kg)
	A	B	
K EM170SS	170	24	0.03
K EM280SS	280	32	0.13
K EM305SS	305	33	0.26
K EM385SS	385	43	0.46

STOPPER HOOK



Code	S.W.L (ton)	B.T.L (ton)	Dimensions (mm)		Weight (kg)
			L	B	
KSH01	1.0	4.0	210	30	2.0
KSH02	2.0	7.8	325	38	5.5
KSH03	3.0	9.8	370	40	8.5
KSH05	5.0	15.0	370	50	11.0
KSH06	6.0	17.4	420	50	12.0



WIRE CUTTER



Code	Dimensions (mm)		Weight (kg)
	Wire	Length	
K HC 07	7	190	0.27
K HC 09	9	335	0.71
K HC 12	12	520	1.65
K HC 16	16	650	2.50

CHAIN CUTTER

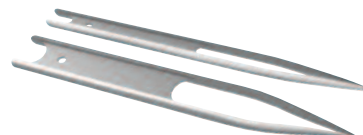


Code	Dimensions (mm)		Weight (kg)
	Chain	Length	
K HC 930	14.3	760	4.8
K HC 936	15.9	915	6.8
K HC 942	19.0	1,070	9.8

KNIVES

Giesser (Germany) Vicorinox (Swiss)	  	Knife blade length (mm)
		85
Vicorinox (Swiss)		Knife blade length (mm)
		160
Deck knife (Japan)	 	Knife blade length (mm)
		125

BONE NET NEEDLE



Code	Width x Length (mm)	Code	Width x Length (mm)
K 911304	10 x 100	K 911267	19 x 175
K 911305	10 x 200	K 911269	19 x 250
K 911318	16 x 125	K 911295	25 x 200
K 911319	16 x 250	K 911234	25 x 250
K 911265	19 x 125	K 911235	25 x 275
K 911266	19 x 150	K 911245	25 x 300

FLAT NET NEEDLE



Code	Length (mm)
K 911000	300
K 911005	350
K 911010	500

NETTING NEEDLE (made in Korea)



Length (mm)
100
150
200
250
300
350
400

WEIGHTS



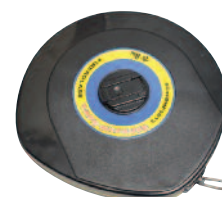
Code	Weight(kg)	Code	Weight(kg)
K round	5 ~ 40	K square	1 ~ 40

ANCHORS



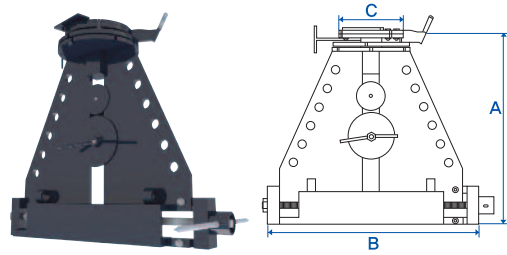
Code	Weight(kg)	Code	Weight(kg)
K 2leg	20 ~ 40	K 4leg	20 ~ 40

FIBERGLASS / MEASURE TAPE



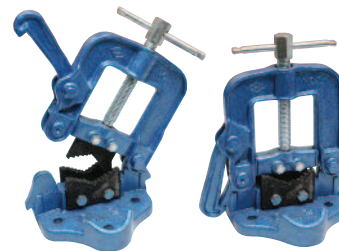
Code	Length (mtr.)	Code	Length (mtr.)
K HM 03	30	K HM 30	3
K HM 05	50	K HM 50	5

WIRE VISE



Code	Dimensions (mm)			Max. wire (mm)	Weight (kg)	Remark
	A	B	C			
 E122	410	410	160	10 - 22	18.6	with swing
 E128	510	520	160	20 - 28	29.8	with swing
 E134	510	600	160	20 - 34	34.0	with swing
 E134B	510	600	160	20 - 34	35.5	with swing & brake
 E250	700	700	250	20 - 50	116.0	with swing & brake

WIRE HOLDER



Code	for wire max. (mm)	Weight (kg)
 E150	42	4.4

ELECTRIC CUTTER



Code	Power	Weight (kg)
 HSG-0/110	110V/60W	1
 HSG-0/220	220V/60W	1

ELECTRIC CUTTER BLADE

R type			F-2 type
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NET SCISSOR (made in Japan)



Code	Description	Size (mm)
 MSCIN	Handheld scissors	120

FISHING HARDWARE

BLOCK
SHACKLE
CHAIN

LINK / RING / HOOK

FOOT ROPE GEAR

COURSE (THIMBLE)

SWIVEL / TURNBUCKLE

FLOAT / BUOY

TOOLS

GLOVE / CLOTHING / BOX

GLOVE



G-1 COTTON GLOVE
400G / 600G



G-2 COTTON MIXED
GLOVE



G-3 COTTON GLOVE
WITH NONSLIP DOT



G-4 COTTON GLOVE
NONSLIP



G-5 DOUBLE COATED
GLOVE



G-6 PVC GLOVE RED



G-7 PVC GLOVE BLUE



G-8 PVC GLOVE
BLACK & RED



G-9 PVC MITTEN
GLOVE



D-10 PVC GLOVE
WITH SLEEVE



G-11 GTC PVC WINTER
GLOVE 1 BLUE



G-12 NEOPRENE
GLOVE



G-13 RUBBER GLOVE



G-14 RUBBER GLOVE



G-15 C & G GLOVE



G-16 MITTEN LEATHER
GLOVE



CLOTHING



C-1 WORKING WINTER
SUIT ALASKA



C-2 WINTER WORKING
OVERALL



C-2 WINTER WORKING
SUIT



C-3 WORKING SUIT
LOVERALL



C-4 WORKING SUIT
JACKET



C-4 WORKING SUIT
PANTS



E-1 INNER WEAR



E-2 INNER WEAR



R-1 RAIN SUIT (DOROLG1)
R-1-① 0.47(T) / R-2-② 0.7(T)



A-1 PVC UPROW
1 THICK



A-2 PVC APROW (NBIZ)



D-1 PVC SLEEVE
1 THICK



E-3 WOOL HAT TYPE 1



E-3 WOOL HAT TYPE 2



E-3 WOOL HAT TYPE 3



E-4 SOCKS TYPE



E-4 SOCKS TYPE

SHOES & BOOTS



B-1 PVC WINTER
BOOTS -40°C ORANGE



B-2 PVC WINTER
BOOTS -60°C ORANGE



B-3 PVC BOOTS
CANADIAN



E-4 PVC WINTER
BOOTS -40°C (QUALITY)



E-3 WOOL HAT TYPE 2



E-2 SAFETY SHOES
TYPE 1



E-2 SAFETY SHOES
TYPE 2

BOX



BOX
TYPE 1



BOX
TYPE 2



BOX
TYPE 3



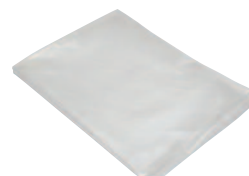
BOX
TYPE 4



BOX
TYPE 5



POLY BAG



POLY BAG



FROZEN PAN 7.5KG
ALUMINIUM



FROZEN PAN 11KG
SUS



LAMINATED BAG



SANDWITCH BAG



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(SALES, PURCHASE, R&D CENTER)**

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