

KLIFTING INDUSTRIAL

Klifting Industrial Co., Ltd.

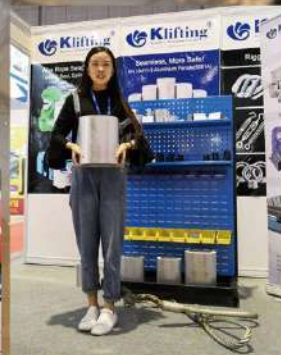
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We promise: We commit ourselves to constant improvement of our design and processing of our products. In order to achieve the goal, we keep the right of perfecting the instruction book and the product design. (2025 version)







Aluminum Ferrule Series

Based on the experience of aluminum profiles extrusion, after research and development of seamless aluminum ferrules, we can produce seamless oval ferrules directly by seamless extrusion. We customize all kinds of ferrules to meet different client's requirements.

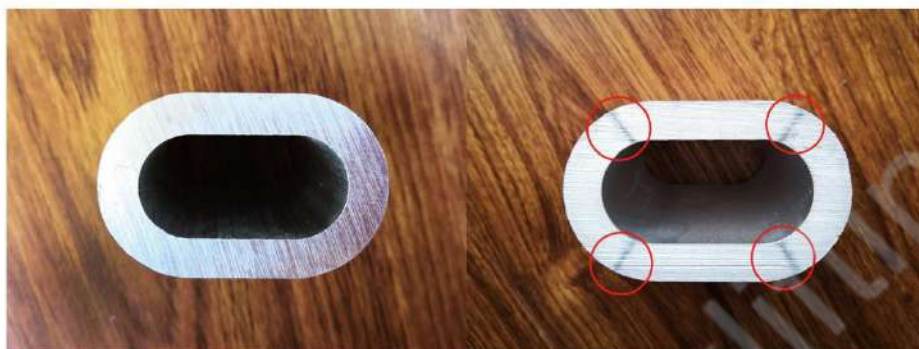
- EN 13411-3 Aluminum Oval Ferrule
- US Aluminum Hourglass Ferrule
- Aluminum Round Ferrule
- Form C Ferrule Without Inspection Hole
- Form C Ferrule With Inspection Hole



How to Distinguish Seamless Ferrule?

Wire rope ferrules should be seamless ferrule. But in some non-lifting gear industry, people use welded ferrules to reduce cost. Welded ferrules are made by common extruding tragedies like window or door aluminum profiles. The material usually use 6063 alloy, which is not suit the requirement of EN 13411-3(DIN3093). The technology is also unqualified based on the requirement of EN 13411-3(DIN3093).

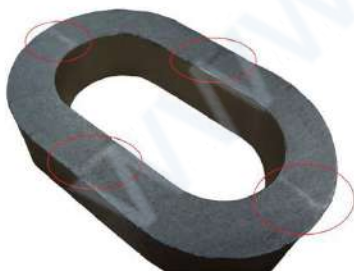
Seamless ferrules are produced from seamfree extrusions which are extruded seamless over mandrel and the aluminum alloy should be 5051A according to EN 573-3. Seamless ferrules suit for the requirements of EN 13411-3(DIN3093), and are well used in the lifting gear industry. The most obvious difference between welded ferrules and seamless ferrules is performance. Seamless, safer!



Seamless Ferrule

Welded Ferrule

First case, you can differentiate them directly. As the picture show below, the welded ferrules have four welding lines.

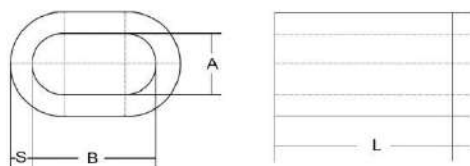


Second case, some ferrules can't be distinguished after surface treatment. In this situation, please follow our guide: put the ferrule into the sodium hydroxide solution with 10% sodium hydroxide, after five to ten minutes, you will find the welding lines are exposed.

There are so many tragedies caused by the inferior sling in the rigging field. Klifting keeps that safety as the lifeline of rigging products. Please look before you leap.



EN 13411-3 Seamless Aluminum Oval Ferrule



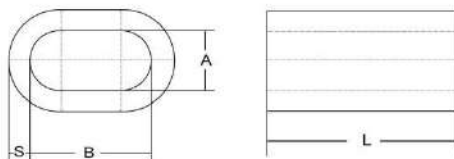
Product Name	Seamless Aluminum Oval Ferrule
Product Standard	EN 13411-3 (DIN3093)
Product Brand	Klifting®
Product Material	5051A or Customized
Product Technology	Extrusion
Product Size	1 mm-152 mm

EN 13411-3 Seamless Aluminum Oval Ferrule

Part No	Ferrule Size (mm)	A (mm)	B (mm)	S (mm)	L (mm)
KDA110010	1	1.2	2.4	0.65	5
KDA110015	1.5	1.7	3.4	0.75	6
KDA110020	2	2.2	4.4	0.85	7
KDA110025	2.5	2.7	5.4	1.05	9
KDA110030	3	3.3	6.6	1.25	11
KDA110035	3.5	3.8	7.6	1.5	13
KDA110040	4	4.4	8.8	1.7	14
KDA110045	4.5	4.9	9.8	1.9	16
KDA110050	5	5.5	11	2.1	18
KDA110060	6	6.6	13.2	2.5	21
KDA110065	6.5	7.2	14.4	2.7	23
KDA110070	7	7.8	15.6	2.9	25
KDA110080	8	8.8	17.6	3.3	28
KDA110090	9	9.9	19.8	3.7	32
KDA110100	10	10.9	21.8	4.1	35
KDA110110	11	12.1	24.2	4.5	39

KDA110120	12	13.2	26.4	4.9	42
KDA110130	13	14.2	28.4	5.4	46
KDA110140	14	15.3	30.6	5.8	49
KDA110160	16	17.5	35	6.7	56
KDA110180	18	19.6	39.2	7.6	63
KDA110200	20	21.7	43.4	8.4	70
KDA110220	22	24.3	48.6	9.2	77
KDA110240	24	26.4	52.8	10	84
KDA110260	26	28.5	57	10.9	91
KDA110280	28	31	62	11.7	98
KDA110300	30	33.1	66.2	12.5	105
KDA110320	32	35.2	70.4	13.4	112
KDA110340	34	37.8	75.6	14.2	119
KDA110360	36	39.8	79.6	15	126
KDA110380	38	41.9	83.8	15.8	133
KDA110400	40	44	88	16.6	140
KDA110420	42	46.2	92.4	17.5	147
KDA110440	44	48.4	96.8	18.3	154
KDA110460	46	50.6	101.2	19.2	161
KDA110480	48	52.8	105.6	20	168
KDA110500	50	55	110	20.8	175
KDA110520	52	57.2	114.4	21.6	182
KDA110540	54	59.4	118.8	22.5	189
KDA110560	56	61.6	123.2	23.3	196
KDA110580	58	63.8	127.6	24.2	203
KDA110600	60	66	132	25	210
KDA110620	62	66.5	133	25	216
KDA110640	64	68.5	137	27	224
KDA110660	66	70.5	141	27.9	230
KDA110680	68	72.5	145	28.1	237
KDA110700	70	74.5	149	28.8	244
KDA110740	74	78.5	157	30.4	260
KDA110780	78	83	166	32	270
KDA110840	84	89.4	178.8	34.5	294
KDA110900	90	95.8	191.6	36.9	315
KDA110960	96	102.2	204.4	39.4	336
KDA111020	102	108.6	217.2	41.9	357

Common Aluminum Oval Ferrule

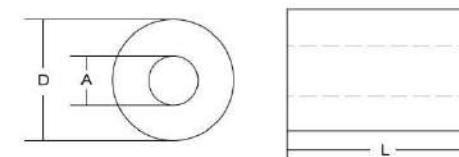
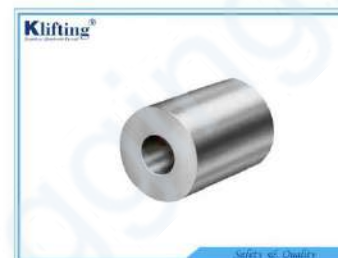


Product Name	Common Aluminum Oval Ferrule
Product Size Standard	EN 13411-3 (DIN3093)
Product Brand	Kliffing®
Product Material	3A21 Aluminum Alloy or Customized
Product Technology	Extrusion
Product Size	1 mm-18 mm

Common Aluminum Oval Ferrule					
Part No	Ferrule Size (mm)	A (mm)	B (mm)	S (mm)	L (mm)
KDA10010	1	1.2	2.4	0.65	5
KDA10015	1.5	1.7	3.4	0.75	6
KDA10020	2	2.2	4.4	0.85	7
KDA10025	2.5	2.7	5.4	1.05	9
KDA10030	3	3.3	6.6	1.25	11
KDA10035	3.5	3.8	7.6	1.5	13
KDA10040	4	4.4	8.8	1.7	14
KDA10045	4.5	4.9	9.8	1.9	16
KDA10050	5	5.5	11	2.1	18
KDA10060	6	6.6	13.2	2.5	21
KDA10065	6.5	7.2	14.4	2.7	23
KDA10070	7	7.8	15.6	2.9	25
KDA10080	8	8.8	17.6	3.3	28
KDA10090	9	9.9	19.8	3.7	32
KDA10100	10	10.9	21.8	4.1	35
KDA10110	11	12.1	24.2	4.5	39

KDA10120	12	13.2	26.4	4.9	42
KDA10130	13	14.2	28.4	5.4	46
KDA10140	14	15.3	30.6	5.8	49
KDA10160	16	17.5	35	6.7	56
KDA10180	18	19.6	39.2	7.6	63

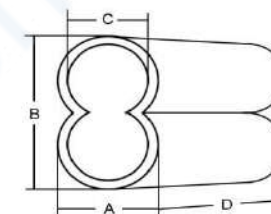
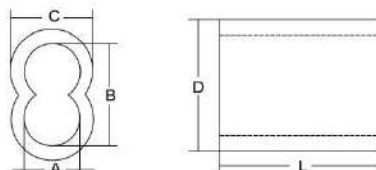
US Aluminum Round Ferrule



Product Name	Aluminum Round Ferrule
Product Standard	US
Product Brand	Kliffing®
Product Material	3A21 Aluminum Alloy or Customized
Product Technology	Extrusion
Product Size	3/64 inch-3/8 inch

Aluminum Round Ferrule				
Part No	Ferrule Size (inch)	A(mm)	D(mm)	L(mm)
KRA0364	3/64"	1.54	4.4	4.16
KRA0116	1/16"	1.92	6.35	4.16
KRA0564	5/64"	2.38	6.35	4.16
KRA0332	3/32"	2.9	8.72	7.95
KRA0108	1/8"	3.86	8.72	7.95
KRA0532	5/32"	4.7	11.11	8.73
KRA0316	3/16"	5.54	11.11	8.73
KRA0732	7/32"	6.35	11.11	8.73
KRA0104	1/4"	7.2	17.46	17.46
KRA0516	5/16"	9.53	17.46	17.46
KRA0308	3/8"	11.13	17.46	17.46

US Aluminum Hourglass Ferrule



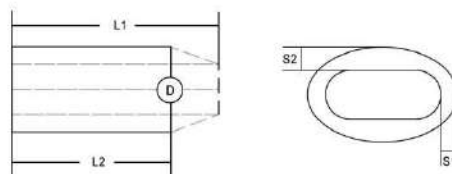
Product Name	Aluminum Hourglass Ferrule
Product Standard	US
Product Brand	Kliffing®
Product Material	6063 Aluminum Alloy Or Customized
Product Technology	Extrusion
Product Size	3/64inch-5/8inch (1mm-16mm)

Aluminum Hourglass Ferrule							
Part No.	Sleeve Size (inch)	Wire Rope (mm)	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)
KHA0364	3/64	1	1.59	3.18	3.6	5.2	9.5
KHA0116	1/16	1.5	1.98	3.97	4.4	6.4	9.5
KHA0564	5/64	2	2.38	4.76	5.2	7.9	9.5
KHA0332	3/32	2.5	3.18	6.35	7.1	10.3	12.7
KHA0108	1/8	3	3.97	7.94	8.7	12.7	16
KHA0532	5/32	4	4.76	9.53	9.53	14.3	17
KHA0316	3/16	5	5.56	11.11	11.11	16.7	25
KHA0732	7/32	6	6.35	12.7	12.7	19	26
KHA0104	1/4	6.5	7.14	14.29	13.5	20.6	28
KHA0932	9/32	7	7.94	15.88	14.3	22.2	30
KHA0516	5/16	8 or 9	9.53	19.05	17.5	26.2	32
KHA0308	3/8	10 or 11	11.11	22.23	19.1	29.4	36
KHA0716	7/16	12	12.7	25.4	23.8	36.5	42
KHA0102	1/2	13	14.29	28.58	27	41.3	50
KHA0916	9/16	14	15.88	31.75	28.6	44.5	54
KHA0508	5/8	16	17.46	34.93	31.8	49.2	64

Aluminum Hourglass Ferrule (Thin Wall)					
Code	Rope Size (inch)	A(mm)	B(mm)	C(mm)	D(mm)
KHAT0108	1/8	6.3	9.9	4.1	12.7
KHAT0316	3/16	9.5	14.2	6.5	17.5
KHAT0104	1/4	11.2	16.6	8.3	25.4
KHAT0716	7/16	21.7	34.3	13.3	31.7



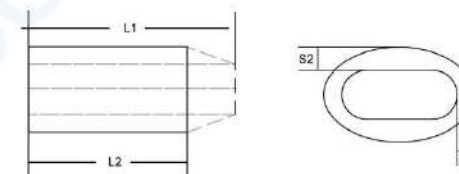
Form C Ferrule With Inspection Hole



Product Name	Form C Ferrule with Inspection Hole
Product Standard	EN 13411
Product Brand	Kliffing®
Product Material	5051A Aluminum Alloy or Customized
Product Technology	Extrusion and Process
Product Size	8 mm-30 mm

Form C Ferrule with Inspection Hole						
Code	Ferrule Size (mm)	L1 (mm)	L2 (mm)	S1 (mm)	S2 (mm)	D (mm)
KCA11080	8	43	34	1.2	3.3	12
KCA11090	9	48	38.5	1.3	3.4	13
KCA11100	10	53	42	1.4	3.6	14
KCA11110	11	59	46.7	1.6	3.75	15.5
KCA11120	12	65	50.2	1.7	3.8	16.5
KCA11130	13	70	54.7	1.9	4.1	17.5
KCA11140	14	75	58.2	2.2	4.3	18.5
KCA11160	16	85	66.5	2.4	4.6	21
KCA11180	18	96	75	2.7	4.9	24
KCA11200	20	106	83	3.0	5.2	26
KCA11220	22	116	91	3.4	5.5	28
KCA11240	24	126	99.5	3.7	5.9	31
KCA11260	26	136	107.2	4.1	6.3	32.5
KCA11280	28	147	115.5	4.4	6.6	35
KCA11300	30	158	125	4.7	6.8	37.5

Form C Ferrule Without Inspection Hole



Product Name	Form C Ferrule Without Inspection Hole
Product Standard	EN 13411
Product Brand	Kliffing®
Product Material	5051A Aluminum Alloy or Customized
Product Technology	Extrusion and Process
Product Size	8 mm-30 mm

Form C Ferrule Without Inspection Hole					
Code	Ferrule Size (mm)	L1 (mm)	L2 (mm)	S1 (mm)	S2 (mm)
KCA10080	8	43	34	1.2	3.3
KCA10090	9	48	38.5	1.3	3.4
KCA10100	10	53	42	1.4	3.6
KCA10110	11	59	46.7	1.6	3.75
KCA10120	12	65	50.2	1.7	3.8
KCA10130	13	70	54.7	1.9	4.1
KCA10140	14	75	58.2	2.2	4.3
KCA10160	16	85	66.5	2.4	4.6
KCA10180	18	96	75	2.7	4.9
KCA10200	20	106	83	3.0	5.2
KCA10220	22	116	91	3.4	5.5
KCA10240	24	126	99.5	3.7	5.9
KCA10260	26	136	107.2	4.1	6.3
KCA10280	28	147	115.5	4.4	6.6
KCA10300	30	158	125	4.7	6.8

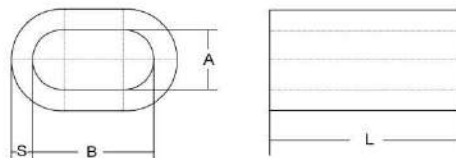


Copper Ferrule Series

- 1-20 mm Copper Oval Ferrule
- 3/64 inch-5/8 inch Copper Hourglass Ferrule
- 3/64 inch-3/8 inch Copper Round Ferrule



DIN3093 Copper Oval Ferrule



Product Name	Copper Oval Ferrule
Product Standard	EN 13411-3 (DIN3093)
Product Brand	Kliffing®
Product Material	Copper
Product Technology	Extrusion
Product Size	1 mm-20 mm

EN 13411-3 Copper Oval Ferrule

Part No.	Ferrule Code	A(mm)	B(mm)	S(mm)	L(mm)
KOC120010	1	1.2	2.4	0.65	5
KOC120015	1.5	1.7	3.4	0.75	6
KOC120020	2	2.2	4.4	0.85	7
KOC120025	2.5	2.7	5.4	1.05	9
KOC120030	3	3.3	6.6	1.25	11
KOC120035	3.5	3.8	7.6	1.5	13
KOC120040	4	4.4	8.8	1.7	14
KOC120045	4.5	4.9	9.8	1.9	16
KOC120050	5	5.5	11	2.1	18
KOC120060	6	6.6	13.2	2.5	21
KOC120070	7	7.8	15.6	2.9	25
KOC120080	8	8.8	17.6	3.3	28
KOC120090	9	9.9	19.8	3.7	32
KOC120100	10	10.9	21.8	4.1	35

KOC120110	11	12.1	24.2	4.5	39
KOC120120	12	13.2	26.4	4.9	42
KOC120130	13	14.2	28.4	5.4	46
KOC120140	14	15.3	30.6	5.8	49
KOC120160	16	17.5	35	6.7	56
KOC120180	18	19.6	39.2	7.6	63
KOC120200	20	21.7	43.4	8.4	70

Oval copper ferrules are suitable for stainless steel wire rope to avoid galvanic corrosion. It is available in sizes from 1mm to 20mm. The pressing of oval copper ferrules requires approx 25% higher pressure than the corresponding oval ferrule of aluminium alloy.

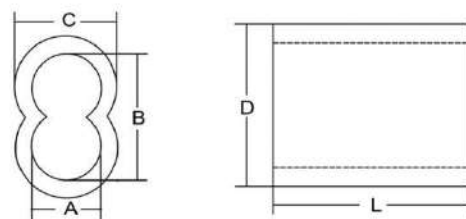
Oval copper ferrules are made from copper. These ferrules have been validated according to Kliffing Text, which are within the framework of EN 13411-3. The copper material is not accepted in this standard.

Oval copper ferrule is used together with stainless steel wire ropes to avoid galvanic corrosion in saltwater environment. The same dies as in aluminium turnback ferrules can be used. The material is high grade copper in soft condition. The ferrules are seamlessly extruded over mandrels.

We do not guarantee the strength of slings for lifting activities made of copper turnback ferrules. A termination performed according to our instructions will normally withstand a tensile strength of 90% of minimum breaking load (MBL) of the wire rope. Verifying tests must be done in order to secure the strength of the termination.

When properly applied, ferrules are capable of holding the rated breaking strength of the rope to which they are applied. However, to determine the exact holding strength, TENSION TEST must be performed before using. This step insures the proper selection of materials, the correct swaging procedure, and an ample margin of safety for the intended use.

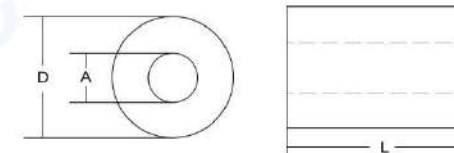
US Copper Hourglass Ferrule



Product Name	Copper Hourglass Sleeve
Product Standard	US
Product Brand	Kliffing®
Product Material	Copper
Product Technology	Extrusion
Product Size	3/64 inch-5/8 inch

Copper Hourglass Sleeve							
Code	Sleeve Size (inch)	Wire Rope (mm)	A (mm)	B (mm)	C (mm)	D (mm)	L (mm)
KHC0364	3/64	1	1.59	3.18	3.6	5.2	9.5
KHC0116	1/16	1.5	1.98	3.97	4.4	6.4	9.5
KHC0564	5/64	2	2.38	4.76	5.2	7.9	9.5
KHC0332	3/32	2.5	3.18	6.35	7.1	10.3	12.7
KHC0108	1/8	3	3.97	7.94	8.7	12.7	16
KHC0532	5/32	4	4.76	9.53	9.53	14.3	17
KHC0316	3/16	5	5.56	11.11	11.11	16.7	25
KHC0732	7/32	6	6.35	12.7	12.7	19	26
KHC0104	1/4	6.5	7.14	14.29	13.5	20.6	28
KHC0932	9/32	7	7.94	15.88	14.3	22.2	30
KHC0516	5/16	8 or 9	9.53	19.05	17.5	26.2	32
KHC0308	3/8	10 or 11	11.11	22.23	19.1	29.4	36
KHC0716	7/16	12	12.7	25.4	23.8	36.5	42
KHC0102	1/2	13	14.29	28.58	27	41.3	50
KHC0916	9/16	14	15.88	31.75	28.6	44.5	54
KHC0508	5/8	16	17.46	34.93	31.8	49.2	64

US Copper Round Ferrule



Product Name	Copper Round Ferrule
Product Standard	US
Product Brand	Kliffing®
Product Material	Copper
Product Technology	Extrusion
Product Size	3/64 inch-3/8 inch

Copper Round Ferrule				
Code	Ferrule Size (inch)	A (mm)	D (mm)	L (mm)
KRC0364	3/64	1.54	4.4	4.16
KRC0116	1/16	1.92	6.35	4.16
KRC0564	5/64	2.38	6.35	4.16
KRC0332	3/32	2.9	8.72	7.95
KRC0108	1/8	3.86	8.72	7.95
KRC0532	5/32	4.7	11.11	8.73
KRC0316	3/16	5.54	11.11	8.73
KRC0732	7/32	6.35	11.11	8.73
KRC0104	1/4	7.2	17.46	17.46
KRC0516	5/16	9.53	17.46	17.46
KRC0308	3/8	11.13	17.46	17.46

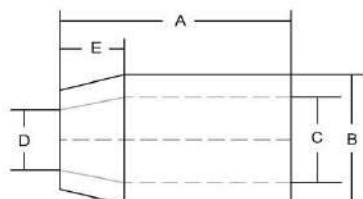


Steel Ferrule Series

- Flemish Eye Sleeve
- Midget Ferrule
- Steel Swaging Button
- Swage Duplex Sleeve
- Stainless Steel Ferrules



Carbon Steel Flemish Eye Sleeves



Flemish Eye Sleeve

Part No.	Ferrule Code	Rope Size	A	B	D	E	C	Size After Swage	Weight
		inch	inch					inch	kg/100pcs
KFS11060	6	1/4	1	0.66	0.31	0.28	0.47	0.57	2.27
KFS11080	8	5/16	1.5	0.91	0.38	0.44	0.62	0.75	6.36
KFS11100	10	3/8	1.5	0.91	0.47	0.39	0.66	0.75	6.36
KFS11110	11	7/16	2	1.22	0.53	0.65	0.85	1.01	15
KFS11130	13	1/2	2	1.22	0.63	0.56	0.91	1.01	13
KFS11140	14	9/16	2.75	1.47	0.7	0.63	1.03	1.24	29
KFS11160	16	5/8	2.75	1.47	0.75	0.63	1.09	1.24	26
KFS11190	19	3/4	3.19	1.72	0.91	0.84	1.28	1.46	40
KFS11220	22	7/8	3.56	2.03	1.03	1	1.53	1.68	60
KFS11260	26	1	4	2.28	1.16	1.13	1.72	1.93	89
KFS11280	28	1-1/8	4.8	2.5	1.28	1.25	1.94	2.13	118
KFS11320	32	1-1/4	5.19	2.78	1.44	1.41	2.16	2.32	161
KFS11350	35	1-3/8	5.81	3	1.56	1.56	2.38	2.52	192
KFS11380	38	1-1/2	6.25	3.25	1.69	1.69	2.63	2.71	227
KFS11450	45	1-3/4	7.25	3.84	1.94	1.97	3.13	3.1	366
KFS11500	50	2	8.5	4.38	2.25	2.25	3.63	3.56	514
KFS11570	57	2-1/4	9.56	5.03	2.5	2.53	4.03	4.12	879
KFS11640	64	2-1/2	10.5	5.5	2.75	2.81	4.5	4.5	1068
KFS11700	70	2-3/4	11.5	5.75	3	3.09	4.75	4.7	1271
KFS11760	76	3	12	6	3.25	3.38	5	4.96	1335
KFS11820	82	3-1/4	13	6.5	3.86	3.54	5.43	5.37	1650
KFS11890	89	3-1/2	14	7	3.88	3.94	5.84	5.77	2106
KFS11950	95	3-3/4	15	7.5	4.06	4.25	6.31	6.23	2497
KFS11100	100	4	16	8.13	4.38	4.5	6.81	6.69	3087
KFS11115	115	4-1/2	18	9.13	4.88	5.06	7.66	7.45	4540
KFS11130	130	5	20	10.52	5.5	5.63	8.73	8.28	6600
KFS11150	150	6	24	12.54	6.5	6.75	10.2	9.93	12300

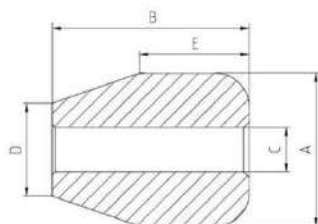
We are the leading manufacturer of Flemish eye swaging sleeves in China. All our Flemish eye sleeves have corrosion protection and are made according to the highest quality standards. Surface finish could be black oxidized or galvanized. Sleeves are stamped for traceability with code, size, and batch number.

- All our Flemish eye swaging sleeves are tested for better swage ability. Testing includes hardness test, chemical analysis, microstructure analysis and closed flattening test according to EN 13411-3:2004 standard.
- The Flemish eye sleeves satisfy the European standards, EN 13411-3, for mechanical splicing.
- Sleeves are recommended for use with 6x19, or 6x37, IPS or XIP (EIP), XXIP (EEIP), RRL, FC or IWRC wire rope.
- Not applicable on rotation resistant wire ropes. When properly applied, the terminations have efficiency rating of more than 90% according to EN 13411-3, based on the catalogue strength of wire rope.

Note! Before using our Flemish eye sleeves with any other type lay, construction or grade of wire rope, it is recommended that the termination to be destructive tested to prove the adequacy of the assembly to be manufactured.

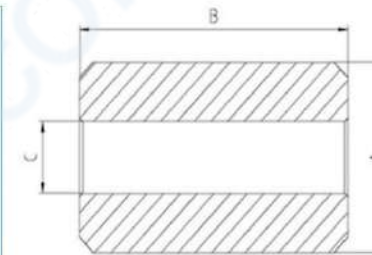


Midget Ferrule



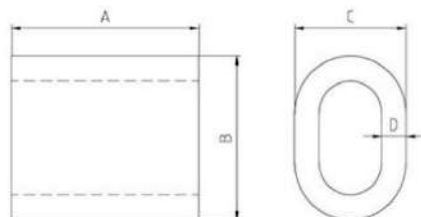
Part No.	Rope Size		Weight kg/100pcs
	mm	inch	
K4000308	9-10	3/8	14
K4000716	11	7/16	17
K4000102	13	1/2	15
K4000916	14	9/16	14
K4000508	16	5/8	35
K4000304	18-20	3/4	50
K4000708	22	7/8	114
K4010000	25-26	1	95
K4010108	31-32	1-1/8	125

Steel Swaging Button



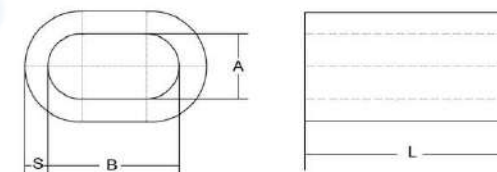
Part No.	Rope Size		A	B	C	Weight kg
	mm	inch				
K3000108	3	1/8	10.67	12.7	3.56	0.009
K3000316	5	3/16	14.22	17.78	5.08	0.018
K3000104	6-7	1/4	17.27	26.92	7.87	0.036
K3000516	8	5/16	22.35	28.7	9.14	0.073
K3000308	9-10	3/8	22.35	37.59	10.67	0.068
K3000716	11	7/16	28.7	41.4	12.19	0.136
K3000102	13	1/2	33.27	48.01	13.97	0.227
K3000916	14	9/16	36.58	51.31	15.49	0.317
K3000508	16	5/8	39.62	61.47	17.02	0.454
K3000304	18-20	3/4	42.67	69.6	20.32	0.594
K3000708	22	7/8	50.8	83.06	23.88	0.998
K3010000	25-26	1	57.15	93.22	26.92	1.406
K3010108	28-29	1-1/8	65.02	102.87	30.23	2.041
K3010104	31-32	1-1/4	71.37	116.08	33.78	2.948

Swage Duplex Sleeve



Part No.	Rope Size		Weight kg/100pcs
	mm	inch	
K2000516	8	5/16	7.71
K2000308	9-10	3/8	5.9
K2000716	11	7/16	14.1
K2000102	13	1/2	12.2
K2000916	14	9/16	28.6
K2000508	16	5/8	24.5
K2000304	18-20	3/4	41.3
K2000708	22	7/8	57
K2010000	25-26	1	85
K2010104	31-32	1-1/4	174

Stainless Steel Oval Ferrule



Stainless Steel Oval Ferrule					
Code	Ferrule Size (mm)	A (mm)	B (mm)	S (mm)	L (mm)
KSS0010	1	1.2	2.4	0.65	5
KSS0015	1.5	1.7	3.4	0.75	6
KSS0020	2	2.2	4.4	0.85	7
KSS0025	2.5	2.7	5.4	1.05	9
KSS0030	3	3.3	6.6	1.25	11
KSS0035	3.5	3.8	7.6	1.5	13
KSS0040	4	4.4	8.8	1.7	14
KSS0045	4.5	4.9	9.8	1.9	16
KSS0050	5	5.5	11	2.1	18
KSS0060	6	6.6	13.2	2.5	21
KSS0070	7	7.8	15.6	2.9	25
KSS0080	8	8.8	17.6	3.3	28
KSS0090	9	9.9	19.8	3.7	32
KSS0100	10	10.9	21.8	4.1	35
KSS0110	11	12.1	24.2	4.5	39
KSS0120	12	13.2	26.4	4.9	42
KSS0130	13	14.2	28.4	5.4	46
KSS0140	14	15.3	30.6	5.8	49
KSS0160	16	17.5	35	6.7	56
KSS0180	18	19.6	39.2	7.6	63
KSS0200	20	21.7	43.4	8.4	70



Rigging Equipments

- Wire Rope Swaging Machine
- Tension Testing Bed
- Wire Rope Splicing Machine
- Wire Rope Annealing Machine



Q Type Wire Rope Swaging Machine



Q-type hydraulic wire rope press machine is a special equipment designed for pressing and processing steel wire rope slings, and the pressed wire rope slings fully meet the requirements of EN13411-3 standard. The machine adopts a frame structure and the machine body material is high-strength structural steel.

The movement accuracy of the workbench is greatly improved, and the operation space is spacious, making it convenient for the pressing and processing of wire rope slings, especially multi-leg slings.

The pump station adopts a high-pressure system with a maximum pressure of 31.5 MPa, which has the characteristics of small size and high pressure.

The standard design of the semi-circular groove working table can better meet the requirements of the wire rope sleeve pressing process, and the mould can be easily replaced and installed, which also improves the service life of the mould and reduces the possibility of creating a gap between the mould and the working table.

The main working cylinder is designed with a "U" shaped cup structure. The piston and piston rod are connected to the cylinder head with the latest high pressure combination seal and high wear resistant guide ring, which makes the sealing strength of the working

Q Type Wire Rope Swaging Machine			
Machine Model	Capacity	Max. Flemish Eye	Max. Ferrule
K-YL150TQ	1500 kN	5/8	16
K-YL350TQ	3500 kN	1-1/8	30
K-YL500TQ	5000 kN	1-1/4	36
K-YL800TQ	8000 kN	1-3/4	42
K-YL1000TQ	10000 kN	2-1/4	56
K-YL1500TQ	15000 kN	2-3/4	63
K-YL2000TQ	20000 kN	4	96
K-YL3000TQ	30000 kN	5	105

C Type Wire Rope Swaging Machine

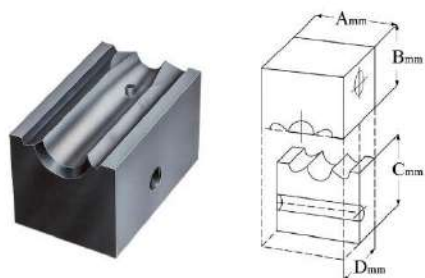
C-Type hydraulic wire rope press machine, size range from 150T to 300T. The special design for the C-frame structure allows fast access and more efficient swaging, allowing the rigger easy operation and free movement with the sling around the swaging area. The swager body is manufactured from One-piece forging that ensures strength, long service life and a minimum of maintenance. The machine is equipped with high pressure pump station system which controlled by solenoid valves, the highest pressure can reach 31.5 MPa. Operation is very easy since a foot pedal permits the operator to use both hands when swaging. All swagers are thoroughly test run before delivery.



C Type Wire Rope Swaging Machine(Integral forging)			
Machine Model	Capacity	Max. Flemish Eye	Max. Ferrule
K-YL150TC	1500 kN	5/8	16
K-YL300TC	3000kN	1	24



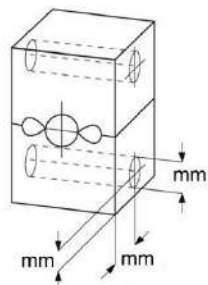
Wire Rope Swaging Dies



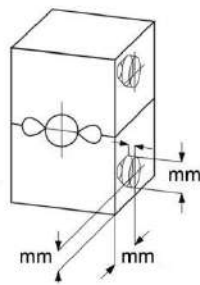
First of all, please provide the sizes as marked A, B, C, D in the picture.

Secondly, choose the right way you use to fix the dies on your machine. There are some ways for your reference.

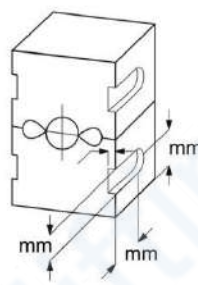
① Bolt Hole



② Blind Hole



③ Slot



Swaging Dies Workshop

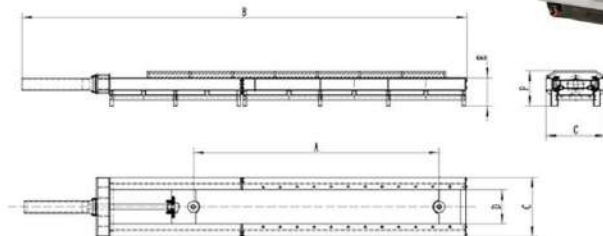


The Comparison Table of Swage Dies and Aluminum Ferrule

Aluminum Ferrule	The Size of Swage Dies	(FC) mm (0.4-0.5) Fill Factor	(IWR) mm (0.5-0.6) Fill Factor	After Pressing		Pressure (KN)
				(mm)	Tolerance (mm)	
1	1	0.9-1.1	0.8-1.0	3		5
1.5	1.5	1.2-1.6	1.1-1.4	3.8		10
2	2	1.7-2.1	1.5-1.9	4	+0.1	20
2.5	2.5	2.2-2.6	2.0-2.4	5		30
3	3	2.7-3.2	2.5-2.9	6		45
3.5	3.5	3.3-3.7	3.0-3.4	7		60
4	4	3.8-4.2	3.5-3.8	8		80
4.5	4.5	4.3-4.7	3.9-4.3	9	+0.15	100
5	5	4.8-5.3	4.4-4.8	10		125
6	6	5.4-6.3	4.9-5.8	12		180
6.5	6.5	6.4-6.8	5.9-6.2	13		210
7	7	6.9-7.4	6.3-6.7	14		250
8	8	7.5-8.4	6.8-7.7	16		320
9	9	8.5-9.5	7.8-8.6	18	+0.3	410
10	10	9.6-10.5	8.7-9.6	20		500
11	11	10.6-11.6	9.7-10.5	22		600
12	12	11.7-12.6	10.6-11.5	24		720
13	13	12.7-13.7	11.6-12.5	26	+0.4	850
14	14	13.8-14.7	12.6-13.4	28		1000
16	16	14.8-16.8	13.5-15.3	32		1300
18	18	16.9-18.9	15.4-17.3	36	+0.5	1600
20	20	19.0-21.0	17.4-19.2	40		2000
22	22	21.1-23.1	19.3-21.1	44	+0.6	2400
24	24	23.2-25.2	21.2-23.0	48		2900
26	26	25.3-27.3	23.1-24.9	52		3400
28	28	27.4-29.4	25.0-26.8	56	+0.8	3900
30	30	29.5-31.5	26.9-28.8	60		4500
32	32	31.6-33.6	28.9-30.7	64		5100
34	34	33.7-35.7	30.8-32.6	68	+1	5800
36	36	35.8-37.8	32.7-34.5	72		6500

38	38	37.9-39.9	34.6-36.4	76		7200
40	40	40.0-42.0	36.5-38.3	80	+1.1	8000
42	42	42.1-44.1	38.4-40.3	84		8800
44	44	44.2-46.2	40.4-42.2	88		9700
46	46	46.3-48.3	42.3-44.1	92	+1.3	10600
48	48	48.0-50.4	44.0-46.2	96		11500
50	50	48.4-52.5	44.2-47.9	100		12500
52	52	52.0-54.6	46.3-47.9	104	+1.6	13500
54	54	52.6-56.7	48.0-51.7	108		14600
56	56	56.0-58.8	50.5-51.9	112		15700
58	58	56.8-60.9	51.8-55.6	116	+1.7	16800
60	60	60.6-63.0	54.7-55.9	120		18000
62	62	61.0-65.1	55.7-59.4	124		19200
66	66	65.2-69.3	69.5-63.2	132	+1.8	22000
70	70	69.4-73.5	63.3-67.1	140		24500
74	74	73.6-77.7	67.2-70.9	148		27000
78	78	77.8-81.9	71.0-74.7	156	+2	30000
82	82	82.0-86.1	74.8-78.6	164		34000
86	86	85.1-90.3	77.7-82.4	172		37000
94	94	93.7-98.7	82.5-90.2	188	+2.2	44200
116	116	113.4-121.8	105.5-111.1	232		67000
126	126	121.9-132.3	111.1-120.7	252	+2.6	79000

K-LD Tension Testing Bed



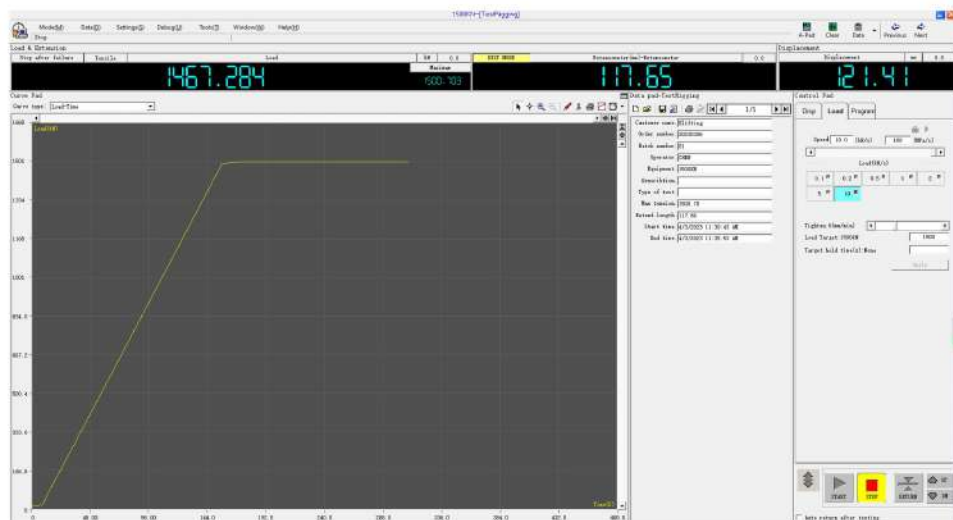
SPECIFICATION OF TEST BED

NO.	ITEM	K-LD300KN	K-LD600KN	K-LD1000KN	K-LD2000KN	K-LD3000KN	K-LD4000KN
A	Effective Length	3000	4000	12000	12000	8000	8000
B	Maximum Length	6500	8000	17000	18000	15000	16000
C	Maximum Width	1000	1250	1400	1800	1900	2200
D	Inner Width	600	750	800	1100	1100	1200
E	Machine Height	300	380	420	550	650	700
F	Maximum Height	410	480	560	700	850	1000
	Test Speed	6mm/s	3mm/s	3mm/s	1.2mm/s	0.8mm/s	0.6mm/s
	No-load Extension Speed	4.5mm/s	2.3mm/s	10mm/s	4.4mm/s	3mm/s	2.4mm/s
	No-load Recovery Speed	6mm/s	3mm/s	14mm/s	5.8mm/s	3.7mm/s	3mm/s
	Fuel Tank Capacity	120L	120L	180L	180L	240L	240L
	Motor Power	4KW	4KW	5.5KW+4KW	5.5KW+4KW	5.5KW+4KW	5.5KW+4KW
	Frequency	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
	Voltage	380V	380V	380V	380V	380V	380V

Voltage and Frequency can be customized

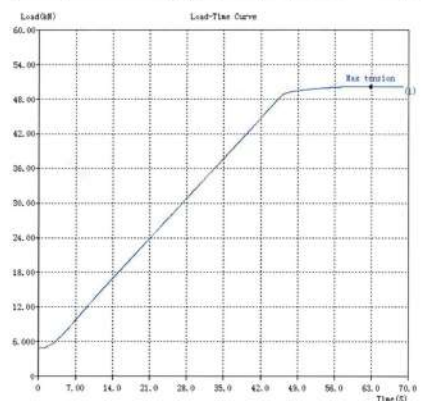
Software Language CHINESE&ENGLISH OR CUSTOMISED

- It uses human-computer interaction to analyze and calculate the mechanical performance index of the test material. It automatically calculates the tensile force at the end of the test, and improves the accuracy of the analysis on the basis of automatic analysis.
- It can make "load-displacement" and "load-time" curves.
- The test curve can be locally enlarged and multiple curves can be superimposed and compared.
- Automatic control mode is available. The automatic control is a fully digital servo mode, with two modes of setting test conditions: automatic control and human-machine dialogue self-programmed control.
- A variety of uses: it can be used for tensile, tearing and other tests on metals, non-metals and components, and meet the standards of ISO, GB and other test methods.
- The oil source adopts silent design, which is environmentally friendly and humane, reduces energy consumption, reduces heat generation and protects the oil circuit.
- It adopts high speed, high integration and powerful control. The data processing capability and high reliability are incomparable to the testing machine using other processors.
- Double pump and double motor design. When the specimen is installed for adjustment, the hydraulic cylinder moves fast with no load when the low-pressure high flow pump is working. When testing with high pressure and low flow rate pump, the loading and load retention is more stable.
- Hydraulic cooling. The machine adopts automatic temperature-controlled air-cooling method to avoid damage to the seal and machine parts caused by high temperature of hydraulic oil due to long working hours and prolong the service life of the machine.
- The electrical part is controlled by PLC, reducing the wiring to reduce the failure rate. The machine control is more intelligent and easier to operate. The motor and the valve group work in automatic control mode, without manual intervention. And there is automatic energy-saving mode, the motor and valve group will automatically start and stop working according to their own working conditions.
- Sound and light alarm. The machine is designed with sound, light and alarm functions. Three colours of warning lights can indicate different working states of the machine to ensure the safety of the test site and staff.
- Wireless remote control. The machine can use the remote control for hydraulic cylinder position adjustment when the hydraulic cylinder is moving at no load. The operator can remotely control the hydraulic cylinder position movement at the test machine installation test site. Convenient installation operation of the test.
- The hydraulic control adopts imported proportional valves, which can accurately adjust the speed and pressure of the hydraulic cylinder by PID calculation, with fast response speed and accurate control.



Testing Report

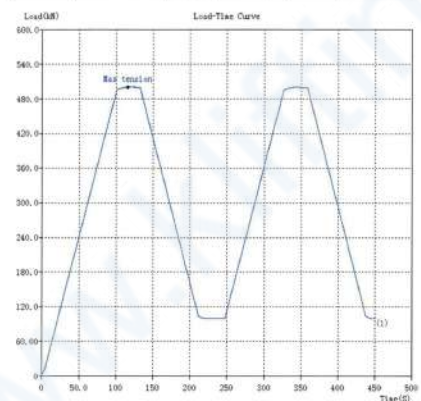
Customer name	Klifying Industrial co., Ltd.	Order number	K-221901
Batch Number	221901	Equipment	600KN
Type of test	BREAKING TEST	Extended length	8.08 m
		Max tension	50.19 kN



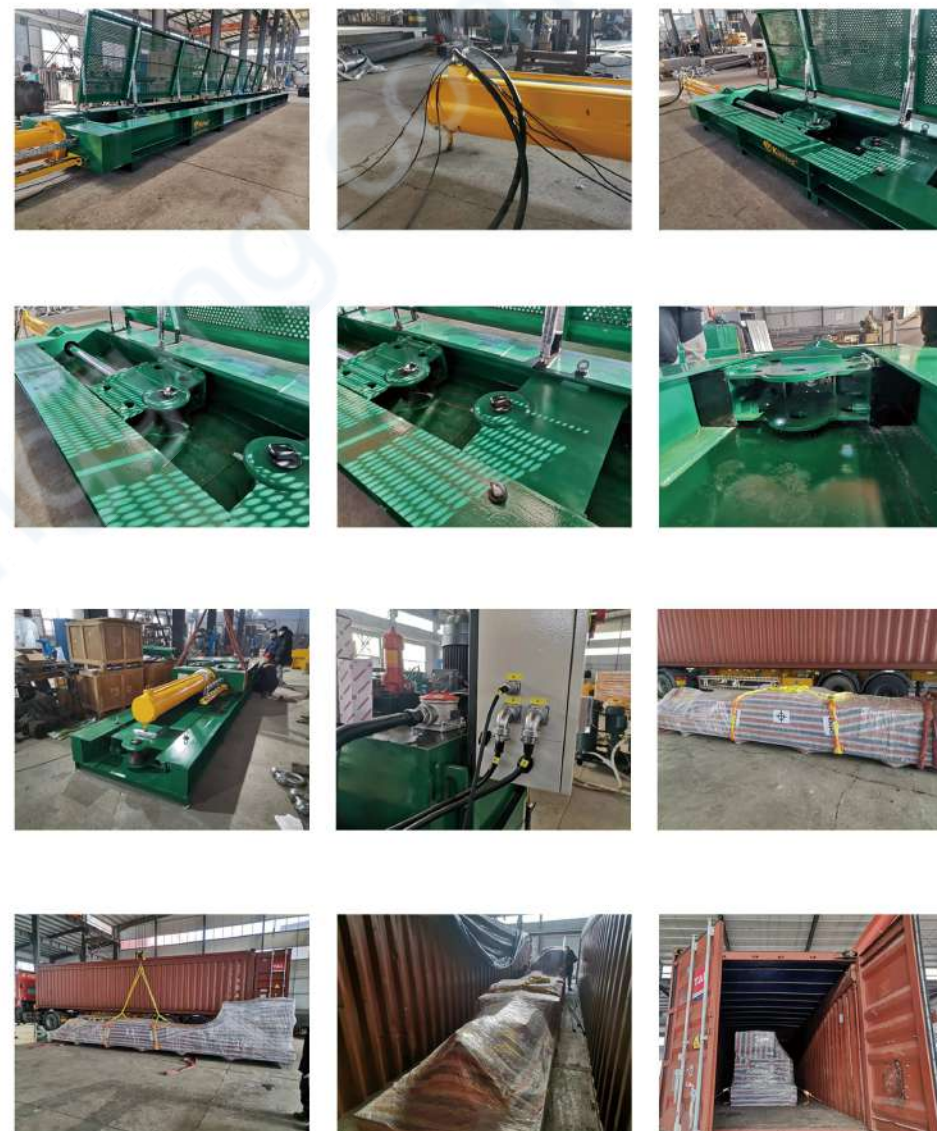
Start time: 2022/12/19 13:49
End time: 2022/12/19 13:49
Testing equipment: 600kN Hydraulic tensile testing machine
Operator: CHEN

Testing Report

Customer name	Klifying Industrial co., Ltd.	Order number	K-221901
Batch Number	221901	Equipment	600KN
Type of test	BREAKING TEST	Extended length	67.24 m
		Max tension	500.45 kN



Start time: 2022/12/19 14:04
End time: 2022/12/19 14:12
Testing equipment: 600kN Hydraulic tensile testing machine
Operator: CHEN



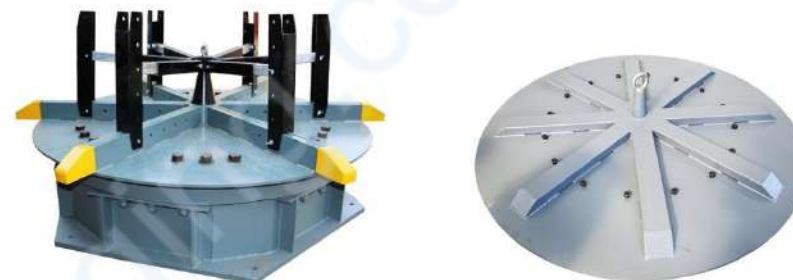
Wire Rope Annealing Machine



- KA series annealing machines are suitable for annealing and tapering different sizes of steel wire ropes with twisted and tapered ends by adjusting the distance between the machine clamps.
- The current supply is controlled by foot switch. The twisting and pulling apart of the wire rope are controlled by two separate parts.
- Unique design for grips to secure the wire rope properly.
- KA-2060 is the largest annealing and tapering machine.
- The power of pulling apart the wire rope is supplied by hydraulic.

Model	KA-0316	KA-0632	KA-1040	KA-2060
Working Power	220V	380V	380V	380V
Rater Power	5KVA	15KVA	75KVA	100KVA
Capacity(Wire rope φ)	3-16	6-32	10-40	20-60
Output setting	Tap positon	Tap positon	Tap positon	Tap positon
LxWxH/mm	700x400x1200	750x650x1100	1100x1100x1500	1400x1300x1800
Option Accessories	Smoke exhaust device			

Wire Rope Turntable



Our turntables include a powered turntable and a manual work turnbuckle. The regular specifications are 3T,5T,10T,20T, and 50T(based on carrying capacity). Others also are customized according to customer needs.

Splicing Pin



The splicing pin made of high carbon steel is used for wire rope splicing machines. It undergoes multiple processes which make it sturdy and wearable.

K32 Wire Rope Splicing Machine

Type	K32
Splice Range	10-32 mm
Height	2200 mm
Length	850 mm
Width	750 mm
Weight	280 kg
Motor Power	3 kW / 3.7 kW
Motor Voltage	50Hz / 380V



K32-C51 Wire Rope Splicing Machine

Type	K-C51 / K-C65
Splice Range	32-51 mm / 32-65 mm
Height	3300 mm
Length	1450 mm
Width	660 mm
Weight	520 kg
Motor Power	4 kW
Motor Voltage	50Hz / 380V



K32-C32 Wire Rope Splicing Machine

Type	K32-C32
Splice Range	10-32 mm
Height	2200 mm
Length	1300 mm
Depth	650 mm
Weight	600 kg
Motor Power	4 kW
Motor Voltage	50Hz / 380V



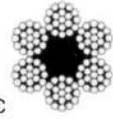
K-C51/ C65 Wire Rope Splicing Machine

Type	K32-C51
Splice Range	10-51 mm
Height	3100 mm
Length	3100 mm
Width	650 mm
Weight	800 kg
Motor Power	4 kW
Motor Voltage	50Hz / 380V



6 × 19 Round Stranded Wire Rope (Smooth and Galvanized)

6 × 19 + FC



6 × 19 + IWS



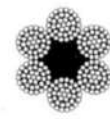
6 × 19 + IWR



Rope Nominal Dia.	Approximate Weight			Nominal Tensile Strength Grade of Steel Wire Rope (MPa)									
				1470		1570		1670		1770		1870	
	NF	SF	IWR/IWS	FC	IWR/IWS	FC	IWR/IWS	FC	IWR/IWS	FC	IWR/IWS	FC	IWR/IWS
(mm)	(kg/100 m)			(KN)									
3	3.11	3.03	3.43	4.06	4.39	4.34	4.69	4.61	4.99	4.89	5.29	5.17	5.59
4	5.54	5.39	6.10	7.22	7.81	7.71	8.34	8.20	8.87	8.69	9.40	9.19	9.93
5	8.65	8.43	9.53	11.30	12.20	12.00	13.00	12.80	13.90	13.60	14.70	14.70	15.50
6	12.50	12.10	13.70	16.20	17.60	17.40	18.80	18.60	20.00	19.80	21.20	21.20	22.40
7	17.00	16.50	18.70	22.10	23.90	23.60	25.50	25.10	27.20	26.80	28.80	28.80	30.40
8	22.10	21.60	24.40	28.90	31.20	30.80	33.40	32.90	35.50	34.80	37.60	36.70	38.70
9	28.00	27.30	30.90	36.60	39.50	39.00	42.20	41.50	44.90	44.00	47.60	46.50	50.30
10	34.60	33.70	38.10	45.10	48.80	48.20	52.10	51.30	55.40	54.30	58.80	57.40	62.10
11	41.90	40.80	46.10	54.60	59.10	58.30	63.10	62.00	67.10	65.80	71.10	69.50	75.10
12	49.80	48.50	54.90	65.00	70.30	69.40	75.10	73.80	79.80	78.20	84.60	82.70	89.40
13	58.50	57.00	64.40	76.30	82.50	81.50	88.10	86.60	93.70	91.80	99.30	97.00	105.00
14	67.80	66.10	74.70	88.50	95.70	94.50	102.00	100.00	109.00	107.00	115.00	113.00	122.00
16	88.60	86.30	97.50	116.00	125.00	123.00	133.00	131.00	142.00	139.00	150.00	147.00	159.00
18	112.00	109.00	123.00	146.00	158.00	156.00	169.00	166.00	180.00	176.00	190.00	186.00	201.00
20	138.00	135.00	152.00	181.00	195.00	193.00	208.00	205.00	222.00	217.00	235.00	230.00	248.00
22	167.00	163.00	184.00	218.00	236.00	233.00	252.00	248.00	268.00	263.00	284.00	278.00	300.00
24	199.00	194.00	219.00	260.00	281.00	278.00	300.00	295.00	319.00	313.00	338.00	331.00	358.00
26	234.00	228.00	258.00	305.00	330.00	326.00	347.00	341.00	367.00	360.00	390.00	383.00	420.00
28	271.00	264.00	299.00	354.00	383.00	378.00	409.00	402.00	435.00	428.00	461.00	450.00	487.00
30	311.00	303.00	343.00	406.00	439.00	434.00	469.00	461.00	499.00	489.00	529.00	517.00	559.00
32	354.00	345.00	390.00	462.00	500.00	494.00	534.00	525.00	568.00	558.00	602.00	588.00	636.00
34	400.00	390.00	440.00	522.00	564.00	557.00	603.00	593.00	641.00	628.00	679.00	664.00	718.00
36	448.00	437.00	494.00	585.00	632.00	625.00	676.00	664.00	719.00	704.00	762.00	744.00	805.00
38	500.00	487.00	550.00	652.00	705.00	696.00	753.00	740.00	801.00	785.00	848.00	829.00	896.00
40	554.00	539.00	610.00	722.00	781.00	771.00	834.00	820.00	887.00	869.00	940.00	919.00	993.00
42	610.00	594.00	672.00	796.00	861.00	850.00	919.00	904.00	978.00	959.00	1040.00	1010.00	1110.00
44	670.00	652.00	738.00	874.00	945.00	933.00	1010.00	993.00	1070.00	1050.00	1140.00	1110.00	1200.00
46	732.00	713.00	806.00	955.00	1030.00	1020.00	1100.00	1080.00	1170.00	1150.00	1240.00	1210.00	1310.00
48	797.00	776.00	878.00	1040.00	1120.00	1110.00	1200.00	1180.00	1280.00	1250.00	1350.00	1320.00	1430.00
50	865.00	843.00	953.00	1130.00	1220.00	1200.00	1300.00	1280.00	1390.00	1360.00	1470.00	1440.00	1550.00
52	936.00	911.00	1030.00	1220.00	1320.00	1300.00	1410.00	1390.00	1500.00	1470.00	1590.00	1550.00	1680.00
54	1010.00	983.00	1110.00	1320.00	1420.00	1410.00	1520.00	1500.00	1620.00	1580.00	1710.00	1670.00	1810.00
56	1090.00	1060.00	1190.00	1420.00	1530.00	1510.00	1630.00	1610.00	1740.00	1700.00	1840.00	1800.00	1950.00
58	1160.00	1130.00	1280.00	1520.00	1640.00	1620.00	1750.00	1720.00	1870.00	1830.00	1980.00	1930.00	2090.00
60	1250.00	1210.00	1370.00	1620.00	1760.00	1740.00	1880.00	1850.00	2000.00	1960.00	2120.00	2070.00	2240.00
62	1330.00	1300.00	1460.00	1730.00	1880.00	1860.00	2000.00	1970.00	2130.00	2090.00	2260.00	2210.00	2390.00
64	1420.00	1380.00	1560.00	1850.00	2000.00	1970.00	2130.00	2100.00	2270.00	2230.00	2410.00	2360.00	2540.00
66	1510.00	1470.00	1660.00	1970.00	2130.00	2100.00	2270.00	2240.00	2420.00	2380.00	2560.00	2500.00	2700.00
68	1600.00	1560.00	1760.00	2090.00	2260.00	2230.00	2410.00	2370.00	2560.00	2510.00	2720.00	2660.00	2870.00
70	1700.00	1650.00	1870.00	2210.00	2390.00	2360.00	2550.00	2510.00	2720.00	2680.00	2880.00	2810.00	3040.00
72	1790.00	1750.00	1980.00	2340.00	2530.00	2500.00	2700.00	2660.00	2870.00	2820.00	3030.00	2960.00	3220.00
74	1890.00	1850.00	2090.00	2470.00	2670.00	2640.00	2850.00	2810.00	3040.00	2980.00	3200.00	3140.00	3400.00
76	2000.00	1950.00	2200.00	2610.00	2820.00	2780.00	3010.00	2960.00	3200.00	3140.00	3360.00	3300.00	3580.00
78	2110.00	2050.00	2320.00	2750.00	2970.00	2930.00	3170.00	3120.00	3370.00	3310.00	3580.00	3500.00	3780.00
80	2210.00	2160.00	2440.00	2890.00	3120.00	3080.00	3340.00	3290.00	3550.00	3480.00	3780.00	3670.00	3970.00

6 × 37 Round Stranded Wire Rope (Smooth and Galvanized)

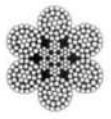
6 × 37 + FC



6 × 37 + IWS



6 × 37 + IWR



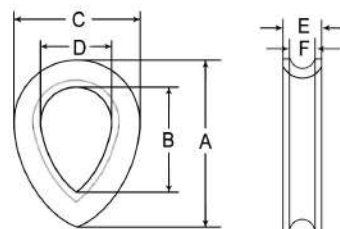
Rope Nominal Dia.	Approximate Weight		Nominal Tensile Strength Grade of Steel Wire Rope (MPa)										
			1470		1570		1670		1770		1870		
	NF	SF	IWR/IWS	FC	IWR/IWS	FC	IWR/IWS	FC	IWR/IWS	FC	IWR/IWS	FC	IWR/IWS
(mm)	(kg/100 m)		(KN)										
5	8.65	8.43	9.53	10.80	11.70	11.60	12.50	12.30	13.30	13.10	14.10	13.8	14.90
6	12.50	12.10	13.70	15.60	16.90	16.70	18.00	17.70	19.20	18.80	20.30	19.90	21.50
7	17.00	16.50	18.70	21.20	23.00	22.70	24.50	24.10	26.10	25.60	27.70	27.70	29.20
8	22.10	21.60	24.40	27.80	30.00	29.60	32.10	31.50	34.10	33.40	36.10	35.30	38.20
9	28.00	27.30	30.90	35.10	38.00	37.50	40.60	39.90	43.20	42.30	45.70	44.70	48.30
10	34.60	33.70	38.10	43.40	46.90	46.30	50.10	49.30	53.30	52.20	56.50	55.20	59.70
11	41.90	40.80	46.10	52.50	56.70	56.00	60.60	59.60	64.50	63.20	68.30	66.70	72.20
12	49.80	48.50	54.90	62.40	67.50	66.70	72.10	70.90	76.70	75.20	81.30	79.40	85.90
13	58.50	57.00	64.40	73.30	79.20	78.30	84.60	83.30	90.00	88.20	95.40	93.20	101.00
14	67.80	66.10	74.70	85.00	91.90	90.80	98.20	96.60	104.00	102.00	110.00	108.00	117.00
16	88.60	86.30	97.50	111.00	120.00	119.00	128.00	126.00	136.00	134.00	145.00	141.00	153.00
18	112.00	109.00	123.00	141.00	152.00	150.00	162.00	160.00	173.00	169.00	183.00	179.00	193.00
20	138.00	135.00	152.00	173.00	188.00	185.00	200.00	197.00	213.00	209.00	223.00	221.00	239.00
22	167.00	163.00	184.00	210.00	227.00	224.00	242.00	238.00	258.00	253.00	273.00	267.00	289.00
24	199.00	194.00	219.00	250.00	270.00	267.00	288.00	284.00	307.00	301.00	325.00	318.00	344.00
26	234.00	228.00	258.00	293.00	317.00	313.00	339.00	333.00	360.00	353.00	382.00	373.00	403.00
28	271.00	264.00	299.00	340.00	368.00	363.00	393.00	386.00	418.00	409.00	443.00	432.00	468.00
30	311.00	303.00	343.00	390.00	422.00	417.00	451.00	443.00	479.00	470.00	508.00	496.00	537.00
32	354.00	345.00	390.00	444.00	480.00	474.00	513.00	504.00	546.00	535.00	578.00	565.00	611.00
34	400.00	390.00	440.00	501.00	542.00	535.00	579.00	570.00	616.00	604.00	653.00	638.00	690.00
36	448.00	437.00	494.00	562.00	608.00	600.00	649.00	638.00	690.00	677.00	732.00	715.00	773.00
38	500.00	487.00	550.00	626.00	677.00	669.00	723.00	711.00	769.00	754.00	815.00	797.00	861.00
40	554.00	539.00	610.00	694.00	750.00	741.00	801.00	788.00	852.00	835.00	903.00	883.00	954.00
42	610.00	594.00	672.00	765.00	827.00	817.00	883.00	869.00	940.00	921.00	996.00	973.00	1050.00
44	670.00	652.00	738.00	840.00	908.00	897.00	970.00	954.00	1030.00	1010.00	1090.00	1070.00	1150.00
46	732.00	713.00	806.00	918.00	992.00	980.00	1060.00	1040.00	1130.00	1100.00	1190.00	1160.00	1260.00
48	797.00	776.00	878.00	999.00	1080.00	1070.00	1150.00	1140.00	1230.00	1200.00	1300.00	1270.00	1370.00
50	865.00	843.00	953.00	1080.00	1170.00	1160.00	1250.00	1230.00	1330.00	1310.00	1410.00	1380.00	1490.00
52	936.00	911.00	1030.00	1170.00	1270.00	1250.00	1350.00	1330.00	1440.00	1410.00	1530.00	1490.00	1610.00
54	1010.00	983.00	1110.00	1260.00	1370.00	1350.00	1460.00	1440.00	1550.00	1520.00	1650.00	1610.00	1740.00
56	1090.00	1060.00	1190.00	1360.00	1470.00	1450.00	1570.00	1540.00	1670.00	1640.00	1770.00	1730.00	1870.00
58	1160.00	1130.00	1267.00	1460.00	1580.00	1560.00	1690.00	1660.00	1790.00	1760.00	1900.00	1860.00	2010.00
60	1250.00	1210.00	1370.00	1560.00	1690.00	1670.00	1800.00	1770.00	1920.00	1880.00	2030.00	1990.00	2150.00
62	1330.00	1300.00	1460.00	1670.00	1800.00	1780.00	1930.00	1890.00	2050.00	2010.00	2170.00	2120.00	2290.00
64	1420.00	1380.00	1560.00	1780.00	1920.00	1900.00	2050.00	2020.00	2180.00	2140.00	2310.00	2260.00	2440.00
66	1510.00	1470.00	1660.00	1890.00	2040.00	2020.00	2180.00	2150.00	2320.00	2270.00	2460.00	2400.00	2600.00
68	1600.00	1560.00	1760.00	2010.00	2170.00	2140.00	2320.00	2280.00	2460.00	2410.00	2610.00	2550.00	2760.00
70	1700.00	1650.00	1870.00	2120.00	2300.00	2270.00	2450.00	2410.00	2610.00	2560.00	2770.00	2700.00	2920.00
72	1790.00	1750.00	1980.00	2250.00	2430.00	2400.00	2600.00	2550.00	2760.00	2710.00	2930.00	2860.00	3090.00
74	1890.00	1850.00	2090.00	2370.00	2570.00	2540.00	2740.00	2700.00	2920.00	2860.00	3090.00	3020.00	3270.00
76	2000.00	1950.00	2200.00	2500.00	2710.00	2680.00	2890.00	2850.00	3080.00	3020.00	3260.00	3190.00	3450.00
78	2110.00	2050.00	2320.00	2640.00	2850.00	2820.00	3050.00	3000.00	3240.00	3180.00	3440.00	3360.00	3630.00
80	2210.00	2160.00	2440.00	2780.00	3000.00	2980.00	3210.00	3150.00	3410.00	3340.00	3610.00	3530.00	3820.00



Wire Rope Thimble Series

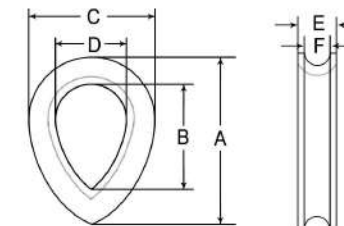
- DIN6899 A Wire Rope Thimble
- DIN6899 B Wire Rope Thimble
- BS 464 Wire Rope Thimble
- EN 13411 Wire Rope Thimble
- US Type Heavy G414 Thimble
- US Type G411 Light Thimble
- DIN 3091 / DIN 3091 HD Thimble
- K2/K2B/K3 Thimble
- JIS Thimble
- JIS B 2802 Dead Eye Thimble
- Sockets

BS464 Thimble



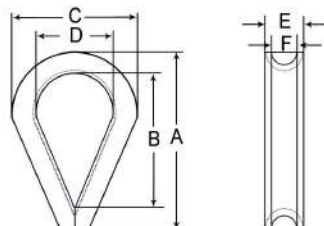
Code	Size (inch)	Dimensions (inch)						WT/PC (kg)
		A	B	C	D	E	F	
KBS464008	5/16	2-1/8	1-5/16	1-1/2	7/8	1/2	5/16	0.065
KBS464009	3/8	2-1/2	1-1/2	1-7/8	1	9/16	13/32	0.091
KBS464011	7/16	2-7/8	1-1/2	2-1/8	1-1/8	11/16	1/2	0.120
KBS464013	1/2	3-1/8	1-3/4	2-5/16	1-1/4	13/16	9/16	0.160
KBS464014	9/16	3-1/8	1-3/4	2-5/16	1-1/4	13/16	9/16	0.172
KBS464016	5/8	3-7/8	2-5/16	2-15/16	1-5/8	7/8	5/8	0.260
KBS464017	1-1/16	4-1/4	2-5/8	3-1/8	1-3/4	1-1/8	3/4	0.340
KBS464019	3/4	4-7/8	2-7/8	3-5/8	2	1-1/8	13/16	0.450
KBS464022	7/8	4-1/4	3-1/4	4	2-1/4	1-1/4	7/8	0.620
KBS464024	1-5/16	5-3/4	3-5/8	5-11/16	2-1/2	1-5/16	1	0.800
KBS464025	1	6-3/8	4-1/4	4-11/16	2-3/4	1-3/8	1-1/16	0.950
KBS464029	1-1/18	7	4-3/8	5-1/4	3	1-1/8	1-1/8	1.270
KBS464032	1-1/4	7-3/4	5-1/4	6	3-3/4	1-5/8	1-5/16	1.600
KBS464035	1-3/8	9	6	6-7/8	4-1/8	1-7/8	1-1/2	2.350
KBS464038	1-1/2	10	6-1/2	7-3/4	4-1/2	2-1/8	1-5/8	3.300
KBS464041	1-5/8	10	6-1/2	7-3/4	4-1/2	2-3/16	1-1/6	3.350
KBS464044	1-3/4	11-1/4	7	9	5	2-1/4	2	6.250
KBS464048	1-7/8	12-1/4	7-1/2	9-3/4	5-1/4	2-5/8	2-3/8	7.700
KBS464051	2	13	8	10-1/8	5-1/2	3-2/4	2-1/8	8.050
KBS464054	2-1/8	13	8	10-1/8	5-1/2	2-3/4	2-1/2	8.300
KBS464057	2-1/4	14	8-1/2	10-5/8	5-3/4	3	2-5/8	8.600
KBS464064	2-1/2	16-1/4	9-1/2	12-1/4	6-1/4	3-3/4	2-3/4	17.00

EN 13411 Thimble



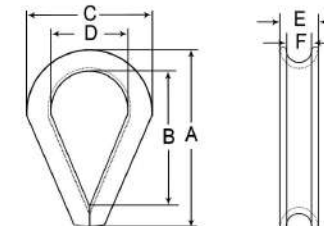
Code	Size (inch)	Dimensions (mm)						WT/PC (kg)
		A	B	C	D	E	F	
KEN13411006	1/4	18	30	7.6	3.8	4	1.7	1.7
KEN13411008	5/16	24	40	9.5	4.7	4.5	2	2
KEN13411010	3/8	30	46	11.4	5.7	5	2	2
KEN13411011	7/16	33	56	13.3	6.6	5	2	2
KEN13411012	1/2	39	66	15.2	7.6	5.5	2.5	2.5
KEN13411014	9/16	42	70	17.4	8.6	5.5	2.5	2.5
KEN13411016	5/8	48	80	19	9.5	8	2.5	2.5
KEN13411017	11/16	51	86	20.9	10.4	8	3	3
KEN13411019	3/4	57	96	22.8	11.4	9	2.7	2.7
KEN13411021	13/16	63	106	24.7	12.3	9	3	3
KEN13411022	7/8	66	110	26.6	13.3	10	3.5	3.5
KEN13411024	15/16	72	120	28.5	14.2	10	3.5	3.5
KEN13411025	1	75	126	30.4	15.2	10	3.5	3.5
KEN13411029	1-1/8	87	146	34.2	17.1	10.5	3.5	3.5
KEN13411032	1-1/4	105	160	38.1	19	11	3.5	3.5
KEN13411035	1-3/8	115	176	41.9	20.9	13.5	4	4
KEN13411038	1-1/2	125	190	45.7	22.8	15	4.5	4.5
KEN13411041	1-5/8	135	206	49.5	24.7	16 or 17	5	5
KEN13411044	1-3/4	140	220	53.3	26.6	19	6	6
KEN13411048	1-7/8	148	240	57.1	28.5	19	6	6
KEN13411051	2	153	256	60.9	30.4	20	6	6
KEN13411054	2-1/8	162	270	64.7	32.3	20	6	6

Wire Rope Thimble DIN6899 A



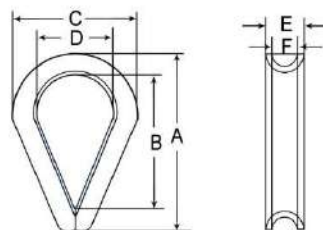
Code	Size (mm)	Dimensions (mm)						WT/PC (kg)
		A	B	C	D	E	F	
KDIN6899A002	2.5	28	21.5	16	10	5	3	0.014
KDIN6899A003	3	30	23.5	17	11	5.5	3.5	0.35
KDIN6899A004	4	34	26.5	19	12	6	4	0.42
KDIN6899A005	5	36	28	20	13	7	5	0.80
KDIN6899A006	6	38	30	22	14	8	6	0.85
KDIN6899A007	7	43	33	24	15	9	7	1.10
KDIN6899A008	8	46	35	26	16	10	8	1.70
KDIN6899A009	9	50	39	29	18	11	9	2.10
KDIN6899A010	10	56	43	32	20	13	10	3.50
KDIN6899A011	11	63	47.5	36	22	14	11	3.70
KDIN6899A012	12	68	51.5	40	24	15	12	5.25
KDIN6899A013	13	75	56.5	44	26	17	13	7.25
KDIN6899A014	14	82	61	48	28	18	14	8.33
KDIN6899A016	16	91	69.5	54	32	21	16.5	12.30
KDIN6899A018	18	102	78	59	35	24	18	18.50
KDIN6899A020	20	114	86.5	68	40	28	20	31.50
KDIN6899A022	22	126	95	76	44	30	22	36.50
KDIN6899A024	24	135	103.5	84	48	32	24	41.70
KDIN6899A028	28	162	120.5	100	56	38	28	72.10

Wire Rope Thimble DIN6899 B



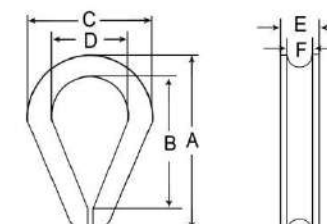
Code	Size (mm)	Dimensions (mm)						WT/PC (kg)
		A	B	C	D	E	F	
KDIN6899B003	3	28	19	18.5	12	6	3	0.5
KDIN6899B004	4	30	21	20.5	13	7	4	0.8
KDIN6899B005	5	33	23	22.5	14	8	5	1
KDIN6899B006	6	39	26	27	16	10	6	1.60
KDIN6899B007	7	43	30	30	18	11	7	1.90
KDIN6899B008	8	48	32	33	20	12	8	3.00
KDIN6899B010	10	58	38	39	24	14	10	4.70
KDIN6899B012	12	69	45	47	28	17	12	6.80
KDIN6899B013	13	73	48	50	30	18	13	8.00
KDIN6899B014	14	77	51	53	32	19	14	10.00
KDIN6899B016	16	88	58	60	36	22	16	14.50
KDIN6899B017	17	95	61	65	38	25	17	18.00
KDIN6899B018	18	100	64	68	40	26	18	20.00
KDIN6899B020	20	113	72	75	45	28	20	29.00
KDIN6899B022	22	123	80	82	50	30	22	32.00
KDIN6899B024	24	135	90	92	56	34	24	47.00
KDIN6899B026	26	145	99	100	62	36	26	59.00
KDIN6899B028	28	162	112	110	70	38	28	80.00
KDIN6899B030	30	175	120	120	75	42	30	110.00

US Type Light G411 Thimble



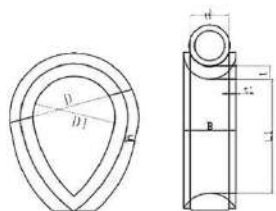
Code	Size (inch)	Dimensions (mm)						WT/PC (kg)
		A	B	C	D	E	F	
KG411003	1/8	49.28	33.27	27	17.5	6.35	4	0.013
KG411005	3/16	49.28	33.27	27	17.5	7.87	5	0.013
KG411006	1/4	49.28	33.27	27	17.5	9.65	7	0.013
KG411008	5/16	54	38	31.75	20.57	11.18	8.6	0.016
KG411010	3/8	60.5	41	37	23.88	13.46	10.4	0.026
KG411013	1/2	69.85	47.75	44.45	28.7	17.53	13.5	0.052
KG411016	5/8	89	57.15	60.45	35.05	23.11	16.8	0.145
KG411019	3/4	95.25	63.5	68.33	41.4	27.43	19.8	0.2
KG411022	7/8	127	88.9	81.03	47.75	32.26	23.88	0.32
KG411025	1	169.93	107.95	95.25	63.5	35.3	26.92	0.4
KG411032	1-1/8 to 1-1/4	158.75	114.3	109.47	69.85	44.45	33.27	0.84
KG411035	1-3/8	207	191.5	145	90	48	36	1.36
KG411038	1-1/2	225	206	165	105	51.62	39.62	1.42
KG411041	1-5/8	248	230	176	110	59	43	1.64
KG411045	1-3/4	264	243.5	180	110	62	46	1.94
KG411048	1-7/8	283	264	186	114.3	68	52	2.14
KG411051	2	289	270	188	114.3	69	53	4.94
KG411064	2-1/2	316.3	295.3	252	152	84	64	7.4

US Type Heavy Duty Thimble G414



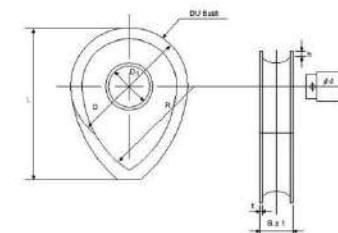
Code	Size (inch)	Dimensions (mm)						WT/PC (kg)
		A	B	C	D	E	F	
KG414003	1/8	49.53	33.53	28.92	17.78	6.35	4	0.012
KG414005	3/16	49.53	33.53	28.92	17.78	6.35	4	0.012
KG414006	1/4	55.62	41.4	38.1	22.35	10.41	7.11	0.012
KG414008	5/16	63.5	47.75	45.97	26.92	12.7	8.64	0.05
KG414010	3/8	73.5	54.1	54.1	28.7	16	10.41	0.1
KG414011	7/16	82.55	60.45	60.45	31.75	18.29	11.94	0.136
KG414013	1/2	92.2	69.85	69.85	38.1	20.57	13.46	0.22
KG414014	9/16	92.2	69.85	68.33	38.1	22.35	15	0.22
KG414016	5/8	107.95	82.55	79.5	44.45	24.64	16.76	0.32
KG414019	3/4	127	92.25	99.77	50.8	31	19.81	0.6
KG414022	7/8	139.7	107.95	107.95	57.15	35.05	23.88	0.86
KG414025	1	155.7	114.3	125.48	63.5	39.62	26.92	1.06
KG414032	1-1/8 to 1-1/4	177.8	130.3	149.35	73.15	45.97	33.27	1.54
KG414035	1-3/8	230.12	165.1	172.97	88.9	55.63	36.58	3.71
KG414038	1-1/2	228.6	158.75	181.1	88.9	65.02	39.62	4.2
KG414041	1-5/8	285.75	203.2	206.5	101.6	69.09	43.67	6.25
KG414045	1-3/4	309.63	228.6	215.9	114.3	72.14	46.74	7.1
KG414051	2	384.3	304.8	263.65	152.4	78.49	53.09	10.44
KG414057	2-1/4	435.1	355.6	301.75	177.8	92.2	60.45	18.44
KG414064	2-1/2	522	399.1	316.2	187.8	102.6	66.6	26.3

JIS Thimble



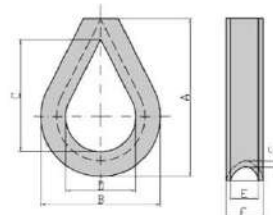
No.	Size (mm)	Dimensions(mm)							
		d	B	D	D1 (Min)	L1	L	t	t1
KJIS006	6	6	8	27	16	26	36	3	1
KJIS008	8	8	10	36	22	35	48	4	1
KJIS009	9	9	11	40	25	38	51	4	1
KJIS010	10	10	13	45	28	44	58	4	1.5
KJIS012	12	12	15	54	34	52	68	5	1.5
KJIS014	14	14	17	61	38	58	78	6	1.5
KJIS016	16	16	20	72	44	68	92	7	2
KJIS018	18	18	22	75	48	76	100	7	2
KJIS020	20	20	24	86	54	85	112	8	2
KJIS022	22	22	27	95	60	92	122	9	2.5
KJIS024	24	24	29	105	65	102	136	10	2.5
KJIS026	26	26	31	110	70	110	144	10	2.5
KJIS028	28	28	33	120	75	120	156	11	2.5
KJIS030	30	30	35	130	80	125	166	12	2.5
KJIS032	32	32	38	140	85	135	180	13	3
KJIS034	34	34	40	145	90	140	186	14	3
KJIS036	36	36	42	150	95	150	196	14	3
KJIS038	38	38	44	160	100	155	205	15	3
KJIS040	40	40	46	170	105	165	220	16	3
KJIS042	42	42	50	180	110	175	232	17	4
KJIS044	44	44	52	190	115	180	242	18	4
KJIS046	46	46	54	195	120	190	252	18	4
KJIS048	48	48	56	205	125	195	260	19	4
KJIS050	50	50	58	215	130	205	274	20	4

JIS B 2802 Dead Eye Thimble



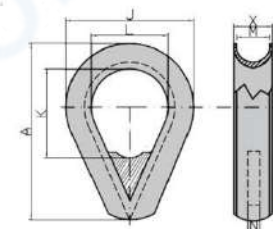
JIS Thimble No.	Rope Dia. (mm)	Dimension(mm)								Pin Dia. d (mm)
		L	D	D1	R	B	t	r	h	
KJIS024	20	136	105	42	112	29	2.5	13	10	36
KJIS026	22.4	144	110	42	120	31	2.5	13.5	10	36
KJIS028	24.25	156	120	50	131	33	2.5	14.8	11.5	42
KJIS030	26	166	130	50	137	35	2.5	15.5	13	42
KJIS032	28	180	140	50	148	38	3	16.5	14.5	42
KJIS034	30/31.5	186	145	55	154	40	3	17.5	13.5	48
KJIS036	32/33.5	196	150	55	164	42	3	19	13.5	48
KJIS045	35/35.5/40	242	190	75	198	52	4	22.5	19.5	64

K2 Heavy Duty Thimble



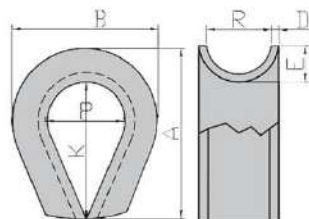
No.	Dimension(mm)						Weight/Kg (100)
	A (inch)	B	C	D	E	F	
KK20002	2	42	35	22	9	14	6
KK20211	2-1/2	50	45	30	11	15	7.6
KK20003	3	58	55	35	13	18	14
KK20312	3-1/2	73	65	45	15	20	23
KK20004	4	75	75	50	17	22	26
KK20412	4-1/2	85	86	53	19	25	38
KK20005	5	100	93	60	21	29	61
KK20512	5-1/2	110	105	65	23	33	78
KK20006	6	115	115	70	25	34	96
KK20007	7	135	130	80	30	38	145
KK20008	8	155	160	100	33	44	166
KK20009	9	175	178	115	38	49	240
KK20010	10	190	195	120	41	52	330
KK20011	11	210	215	130	46	60	530
KK20012	12	225	240	140	52	65	790
KK20014	14	240	275	150	56	69	950
KK20017	17	290	350	180	70	88	1800
KK20017	17	290	350	180	66	98	1700
KK20019	19	320	405	220	81	121	2800
KK20022	22	375	470	240	92	132	3630
KK20022	22	375	470	240	85	125	3630
KK20024	24	410	510	250	105	145	4600
KK20024	24	410	510	250	98	138	4600
KK20025	25	430	530	265	108	148	5200
KK20025	25	430	530	265	115	155	5200
KK20026	26	450	550	280	120	160	5500
KK20026	26	450	550	280	130	170	5500

K2B Thimble



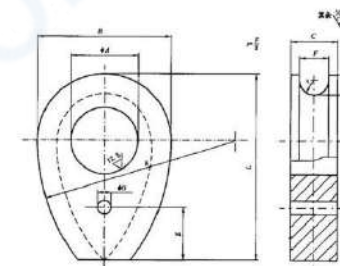
No.	Dimension(mm)							Weight Kg (100)
	A	J/mm	K/mm	L/mm	M/mm	N/mm	X/mm	
KK2B0004	4"	75	50	50	17	5	22	30
KK2B0412	4-1/2"	85	50	53	19	5	25	42
KK2B0005	5"	100	60	60	21	5	29	67
KK2B0512	5-1/2"	110	60	65	23	5	33	83
KK2B0006	6"	115	70	70	25	10	34	110
KK2B0007	7"	135	75	80	30	10	38	160
KK2B0008	8"	155	80	100	33	10	44	200
KK2B0009	9"	175	110	115	38	10	49	270
KK2B0010	10"	190	120	120	41	15	52	395
KK2B0011	11"	210	130	130	46	15	60	600
KK2B0012	12"	225	140	140	52	15	65	886
KK2B0014	14"	240	150	150	53	20	68	1100
KK2B1770	17"x70	290	185	180	70	20	88	1980
KK2B1770	17"x70	290	185	180	72	20	104	1880
KK2B0019	19"	320	225	220	81	20	121	3060
KK2B0022	22"	375	280	240	92	20	132	3800
KK2B0024	24"	410	280	250	105	25	145	5000
KK2B25108	25"x108	430	280	265	108	28	148	5800
KK2B25115	25"x115	430	280	265	115	28	155	5800
KK2B0026	26"	450	280	280	130	30	170	6300
KK2B26120	26"x120	450	280	280	123	30	163	6300

K3 Fiber Rope Thimble



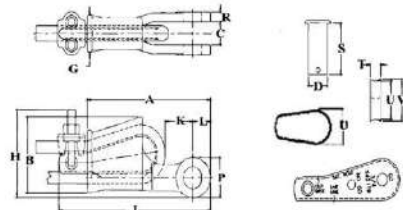
No.	Size	Dimension(mm)							Weight/Kg
		A	B	D	E	P	K	R	
KK30214	2-1/4"	57	47	3	8	26	42	16	0.08
KK30212	2-1/2"	64	55	4	9	32	48	18	0.14
KK30003	3"	76	64	4	10	38	58	20	0.19
KK30314	3-1/4"	82	67	4	11	39	60	22	0.26
KK30312	3-1/2"	89	75	4	13	42	74	26	0.28
KK30004	4"	102	80	5	16	50	78	32	0.52
KK30005	5"	127	110	6	20	65	95	40	0.97
KK30006	6"	152	120	7	24	75	115	28	1.50
KK30007	7"	178	140	7	28	85	140	56	2.10
KK30008	8"	203	160	8	32	105	160	54	3.20
KK30009	9"	229	180	10	36	110	178	72	5.00
KK30010	10"	254	200	10	40	120	190	80	6.10
KK30011	11"	279	220	12	45	145	210	90	9.00
KK30012	12"	305	245	14	51	150	230	102	13.2
KK30014	14"	356	300	14	58	170	290	115	17.2
KK30016	16"	406	320			185	310	130	
KK30018	18"	350	350			205	340	150	

GB/T 5974.2-2006 Dead Thimble



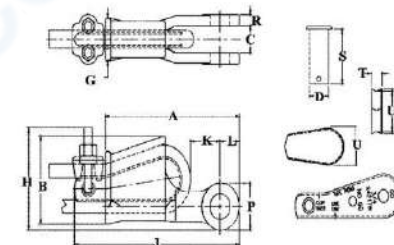
Part No.	Rope Size	Dimensions(mm)														Weight	
		C		A		B		L		R		G		D	E		
		F	Basic	Limit	Basic	Limit	Basic	Limit	Basic	Limit	Basic	Limit	min				
		Size	Deviation	Size	Deviation	Size	Deviation	Size	Deviation	Size	Deviation						
KGB008	8	8.9±0.3	14	0	20	+0.149	40	±2	56	±3	59	+13	6	5	20	0.08	
KGB010	10	11.2±0.3	17.5		25	+0.065	50		70		74		7.5			0.17	
KGB012	12	13.4±0.4	21		-1.4	30	60		84		89		9			0.32	
KGB014	14	15.6±0.5	24.5	0	35	+0.180	70	±4	98	±6	104	+6	10.5	10	30	0.5	
KGB016	16	17.8±0.6	28		40		+0.080		80		112		118			12	0.78
KGB018	18	20.1±0.6	31.5		45		90		126		133		13.5			1.14	
KGB020	20	22.3±0.7	35	-2.8	50	+0.100	100	±6	140	±9	148	0	15	15	45	1.41	
KGB022	22	24.5±0.8	38.5	55	110		154		163		16.5	1.96					
KGB024	24	26.7±0.9	42	60	120		168		178		18	2.41					
KGB026	26	29.0±0.9	45.5	0	65	+0.120	130	±9	182	±13	193	+9	19.5	10	30	3.46	
KGB028	28	31.2±1.0	49	-3.4	70		140		196		207	0	21			4.3	
KGB032	32	35.6±1.2	56	80	160		224		237		24	6.46					
KGB036	36	40.1±1.3	63	0	90	+0.260	180	±9	252	±13	267	+13	27	15	45	9.77	
KGB040	40	44.5±1.5	70		100		200		280		296		30			12.94	
KGB044	44	49.0±1.6	77		-4.4		110		220		308		326			0	33
KGB048	48	53.4±1.8	84	0	120	+0.305	240	±13	336	±18	356	+19	36	15	45	22.75	
KGB052	52	57.9±1.9	91		130		260		364		385		39			28.41	
KGB056	56	62.3±2.1	98		140		280		392		415		42			35.56	
KGB060	60	66.8±2.2	105	-5.5	150	+0.145	300		420		445	0	45			48.35	

Wedge Sockets



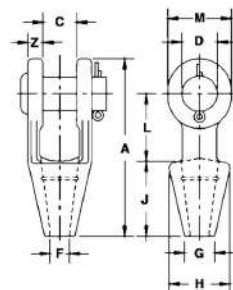
No.	Wire Rope Dia.		Dimensions (mm)															
	(mm)	(in.)	A	B	C	D	G	H	J	K	L	P	R	S	T	U	V	
					+/- 2.29													
KWC0308	9-10	3/8	145	69.1	20.6	20.6	35.1	77.7	198	47.8	22.4	39.6	11.2	54.1	11.2	31.8	35.1	
KWC0102	11-13	1/2	175	88.1	25.4	25.4	41.1	95.5	226	32	26.9	49.3	12.7	65	13.5	44.5	47.8	
KWC0508	14-16	5/8	210	109	31.8	30.2	53.8	114	273	50.5	31	57.2	14.2	82.6	17.5	51	55.5	
KWC0304	18-19	3/4	251	130	38.1	35.1	62	134	314	61.2	35.6	66.8	16.8	92.2	19.8	59.5	65	
KWC0708	20-22	7/8	286	149	44.5	41.4	68.5	156	365	63	42.4	79.5	19.1	109	22.4	68.5	74.5	
KWC0001	24-26	1	325	161	51	51	74.7	177	414	77.2	51	95.5	22.4	119	26.2	73	83.5	
KWC0118	28	1-1/8	365	176	57	57	84	194	466	65	57	108	25.4	138	27.9	82.6	90.5	
KWC0114	30-32	1-1/4	415	222	66.5	63.5	90.5	239	520	74.7	59.5	114	26.9	156	30.2	117	125	

Utility Wedge Sockets



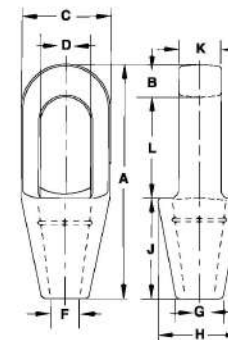
Model No.	Wire Rope Size		Dimensions (mm)															
	(mm)	(in.)	C															
			A	B	+/- 2.29	D	G	H	J	K	L	P	R	S	T	U	V	
KUWC0308	10	3/8	173	90.2	25.4	25.4	41.4	71.4	214	35.1	26.9	49.3	12.7	64.3	11.2	48.5	54.4	
KUWC0716	11	7/16	173	90.2	25.4	25.4	41.4	71.4	222	27.4	26.9	49.3	12.7	64.3	13.5	44.7	47.8	
KUWC0102	13	1/2	173	90.2	25.4	25.4	41.4	71.4	222	25.9	26.9	49.3	12.7	64.3	13.5	44.7	47.8	
KUWC0102	13	1/2	233	107	35.8	31.8	54.1	84.1	284	46.7	38.1	76.2	16	82.6	19.1	48.8	54.9	
KUWC0916	14	9/16	233	107	35.8	31.8	54.1	84.1	291	61	38.1	76.2	16	82.6	17.5	50.8	55.4	
KUWC0508	16	5/8	233	107	35.8	31.8	54.1	84.1	291	59.4	38.1	76.2	16	82.6	17.5	50.8	55.4	
KUWC0508	16	5/8	240	119	38.1	31.8	56.9	92.2	303	63	38.1	76.2	14.2	82.6	22.4	60.5	69.9	
KUWC0304	19	3/4	240	119	38.1	31.8	56.9	92.2	300	51.6	38.1	76.2	14.2	82.6	22.4	54.1	66.8	
KUWC0508	16	5/8	269	144	46	41.4	60.5	140	335	48.5	38.9	73.2	19.1	105	17.5	82.8	88.9	
KUWC0304	19	3/4	269	144	46	41.4	60.5	148	344	60.5	38.9	73.2	19.1	105	19.8	79.2	85.9	
KUWC0708	22	7/8	286	130	33.3	31.8	68.3	—	—	65	41.4	82.8	16.8	82.6	26.9	53.8	65	
KUWC0001	25	1	286	130	33.3	31.8	68.3	—	—	65	41.4	82.8	16.8	82.6	26.9	47.8	60.5	
KUWC0708	22	7/8	324	177	46	41.4	77.7	183	407	72.9	41.9	79.2	19.1	105	22.4	98.6	106	
KUWC0001	25	1	324	177	46	41.4	77.7	186	417	58.9	41.9	79.2	19.1	105	26.2	95.5	103	
KUWC0118	28	1-1/8	405	219	46	41.4	90.7	232	501	82.8	55.6	111	19.1	105	27.7	121	129	
KUWC0114	32	1-1/4	405	219	46	41.4	90.7	239	514	71.9	55.6	111	19.1	105	30.2	117	125	
KUWC0118	28	1-1/8	415	222	66.5	63.5	90.4	232	507	85.6	59.4	114	26.9	156	27.7	121	129	
KUWC0114	32	1-1/4	415	222	66.5	63.5	90.4	239	520	74.7	59.4	114	26.9	156	30.2	117	125	

Open Spelter Sockets



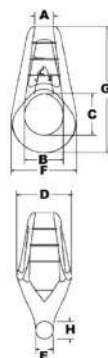
No.	Rope Dia.		Structural Strand Dia. (mm)	Ultimate Load (t)	Weight Each (kg)	Dimensions (mm)													Tolerance +/-
	(mm)	(in.)				A	C	D	F	G	H	J	L	M	N	C			
KOSS014000	6-7	1/4	-	4.5	0.5	116	19.1	17.5	9.65	17.5	39.6	57	39.6	33.3	9.1		1.52		
KOSS051638	8-10	5/16-3/8	-	12	0.59	123	20.6	20.6	12.7	20.6	42.9	57	44.5	38.1	11.2		1.52		
KOSS071612	11-13	7/16-1/2	-	20	1.02	141	25.4	25.4	14.2	23.9	47.8	63.5	51	47.8	12.7		1.52		
KOSS091658	14-16	9/16-5/8	12-13	27	1.63	171	31.8	30.2	17.5	28.7	57	76	63.5	57	14.2		1.52		
KOSS034000	18	3/4	14-16	43	2.64	202	38.1	35.1	20.6	31.8	66.5	89	76	66.5	15.7		1.52		
KOSS078000	20-22	7/8	18-19	55	4.38	235	44.5	41.4	23.9	38.1	82.5	102	89	79.5	20.3		1.52		
KOSS010000	24-26	1	20-22	78	7.03	268	51	51	28.7	44.5	95.5	114	102	95.5	22.4		1.52		
KOSS010018	28-30	1-1/8	24-26	92	9.75	300	57	57	31.8	51	105	127	117	105	25.4		3.05		
KOSS011438	32-35	1-1/4 - 1-3/8	28	136	14.1	335	63.5	63.5	38.1	57	121	140	127	121	28.7		3.05		
KOSS010012	38	1-1/2	30-32	170	21.4	384	76	70	41.4	70	133	152	152	137	30.2		3.05		
KOSS010058	40-42	1-5/8	33-35	188	24.9	413	76	76	44.5	76	140	165	165	146	33.3		3.05		
KOSS013478	44-48	1-3/4 - 1-7/8	36-40	268	37.2	464	89	89	51	79.5	162	191	178	165	39.6		3.05		
KOSS020018	50-54	2 - 2-1/8	42-45	291	59	546	102	95.5	57	95.5	187	216	229	178	46		3.05		
KOSS021438	56-60	2-1/4 - 2-3/8	46-48	360	76	597	114	108	63.5	102	210	229	254	197	54		3.05		
KOSS021258	64-67	2-1/2 - 2-5/8	50-54	424	114	648	127	121	73	114	235	248	274	216	60.5		3.05		
KOSS023478	70-73	2-3/4 - 2-7/8	56-62	511	143	692	133	127	79	124	267	279	279	229	73		6.35		
KOSS030018	75-80	3 - 3-1/8	64-67	563	172	737	146	133	86	133	282	305	287	241	76		6.35		
KOSS031438	82-86	3-1/4 - 3-3/8	70-73	722	197	784	159	140	92	146	302	330	300	254	79		6.35		
KOSS031258	88-92	3-1/2 - 3-5/8	76-80	779	255	845	171	152	98.5	165	314	356	318	274	82.5		6.35		
KOSS033404	94-102	3-3/4 - 4	-	875	355	921	191	178	108	184	346	381	343	318	89		6.35		

Closed Spelter Sockets



No.	Rope Dia.		Structural Strand Dia. (mm)	Ultimate Load (t)	Weight Each (kg)	Dimensions (mm)												
	(mm)	(in.)				A	B	C	D	F	G	H	J	K	L			
KCSS000014	6-7	1/4	-	4.5	0.23	116	12.7	39.6	22.4	9.65	17.5	39.6	57.2	12.7	46			
KCSS051638	8-10	5/16 - 3/8	-	12	0.34	125	15.8	42.9	24.6	12.7	20.6	42.9	57.2	17.5	52.3			
KCSS071612	11-13	7/16 - 1/2	-	20	0.68	140	17.5	51	29.5	14.2	23.9	51	63.5	22.4	58.7			
KCSS091658	14-16	9/16 - 5/8	12-13	30.8	1.13	162	20.6	67	35.8	17.5	30.2	67	76.2	25.4	65			
KCSS000034	18	3/4	14-16	43.5	1.92	194	26.9	76.2	42.2	22.4	33.3	70	89	31.8	77.7			
KCSS000078	20-22	7/8	18-19	65.3	3.28	226	33.3	92	49.3	25.4	38.1	82.5	102	38.1	90.5			
KCSS000001	24-26	1	20-22	81.6	4.76	254	36.6	105	58.5	28.7	44.5	95.5	114	44.5	103			
KCSS010018	28-30	1-1/8	24-26	100	6.46	283	39.6	114	65	31.8	51	105	127	51	116			
KCSS011438	32-35	1-1/4 - 1-3/8	28	136	8.95	309	41.4	127	71	38.1	58.5	119	138	56.5	129			
KCSS010012	38	1-1/2	30-32	170	13.24	355	49.3	137	81	41.4	70.5	132	151	62.5	155			
KCSS010058	40-42	1-5/8	33-35	188	16.32	390	54	146	82.5	44.5	76.2	140	165	70	171			
KCSS013478	44-48	1-3/4 - 1-7/8	36-40	268	25.96	445	55.5	171	95.5	51	79.5	162	191	76.2	198			
KCSS020018	50-54	2 - 2-1/8	42-45	309	35.83	505	62	194	111	57.2	95.5	187	216	82.5	224			
KCSS021438	56-60	2-1/4 - 2-3/8	46-48	360	47.62	546	70	216	127	66.8	105	210	229	92	248			
KCSS021258	64-67	2-1/2 - 2-5/8	50-54	424	63.5	597	79.5	241	140	74.5	114	235	248	102	270			
KCSS023478	70-73	2-3/4 - 2-7/8	56-62	549	99.79	645	79.5	273	159	79.5	124	259	279	124	286			
KCSS030018	75-80	3 - 3-1/8	64-67	656	125	689	85.6	292	171	86	133	292	305	133	298			
KCSS031438	82-86	3-1/4 - 3-3/8	70-73	750	142	743	102	311	184	92	146	311	330	146	311			
KCSS031258	88-92	3-1/2 - 3-5/8	76-80	820	181	787	102	330	197	98.5	160	330	356	159	330			
KCSS033404	94 - 102	3-3/4 - 4	-	1005	246	845	108	362	216	108	184	362	381	178	356			

Mooring Spelter Sockets



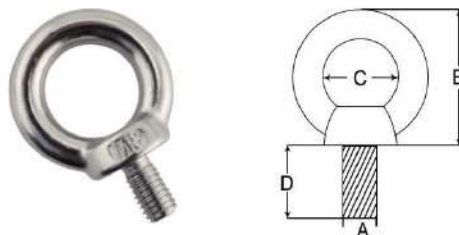
Part No.	Rope	Dimensions(mm)														Weight		
	Size	C				A		B		L		R		G		D	E	
	mm	F	Basic	Limit	Basic	Limit	Basic	Limit	Basic	Limit	Basic	Limit	Basic	Limit	min			
		Size	Deviation	Size	Deviation	Size	Deviation	Size	Deviation	Size	Deviation	Size	Deviation					
KGB008	8	8.9±0.3	14	-1.4	20	+0.149	40	±2	56	±3	59	+13	6	5	20	0.08		
KGB010	10	11.2±0.3	17.5		0	25	+0.065		50		70		74			7.5	0.17	
KGB012	12	13.4±0.4	21		30	60	84		89		9		0.32					
KGB014	14	15.6±0.5	24.5		35		70		98		104		10.5			0.5		
KGB016	16	17.8±0.6	28		40	+0.180	80		112		118		12			0.78		
KGB018	18	20.1±0.6	31.5	0	45	+0.080	90	±4	126	±6	133	+6	13.5			1.14		
KGB020	20	22.3±0.7	35	-2.8	50		100		140		148	0	15			1.41		
KGB022	22	24.5±0.8	38.5		55		110		154		163		16.5			1.96		
KGB024	24	26.7±0.9	42		60	+0.220	120		168		178		18			2.41		
KGB026	26	29.0±0.9	45.5	0	65	+0.100	130	±6	182	±9	193	+9	19.5	10	30	3.46		
KGB028	28	31.2±1.0	49	-3.4	70		140		196		207	0	21			4.3		
KGB032	32	35.6±1.2	56		80		160		224		237		24			6.46		
KGB036	36	40.1±1.3	63		90		180		252		267		27			9.77		
KGB040	40	44.5±1.5	70	0	100	+0.260	200	±9	280	±13	296	+13	30			12.94		
KGB044	44	49.0±1.6	77	-4.4	110	+0.120	220		308		326	0	33			17.02		
KGB048	48	53.4±1.8	84		120		240		336		356		36			22.75		
KGB052	52	57.9±1.9	91		130	+0.305	260		364		385		39	15	45	28.41		
KGB056	56	62.3±2.1	98	0	140	+0.145	280	±13	392	±18	415	+19	42			35.56		
KGB060	60	66.8±2.2	105	-5.5	150		300		420		445	0	45			48.35		



Rigging Accessories And Slings

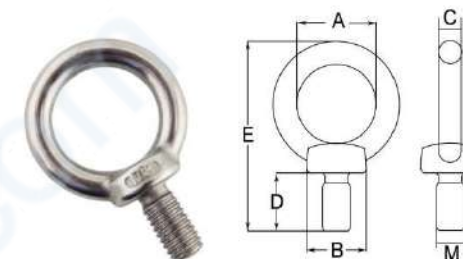
- Eye Bolt
- Eye Nut
- Swivel
- Turnbuckle
- Shackle
- Wire Rope Clip
- Wire Rope Slings

DIN580 Eye Bolt



Code	Size (mm)	Dimensions (mm)			
		A	B	C	D
K580B060	6	6	28	16	13
K580B080	8	8	36	20	14
K580B100	10	10	45	25	17
K580B120	12	12	53	30	21
K580B160	16	16	62	35	27
K580B200	20	20	71	40	30
K580B240	24	24	90	50	36
K580B300	30	30	109	60	45

JIS 1168 Eye Bolt



Code	Size (mm)	Dimensions (mm)				
		A	B	C	D	E
K1168B030	3	7.0	7.0	3.0	9.0	23.0
K1168B040	4	10.0	10.0	4.0	11.0	29.0
K1168B050	5	13.0	11.5	5.0	11.5	35.0
K1168B060	6	16.5	12.0	5.0	14.0	41.0
K1168B080	8	20.0	15.0	5.7	15.0	47.0
K1168B100	10	25.0	19.0	7.0	18.0	58.0
K1168B120	12	30.0	22.5	9.0	21.0	69.0
K1168B160	16	36.0	28.0	11.0	27.5	87.5
K1168B200	20	40.0	32.0	15.0	31.0	101.0
K1168B240	24	50.0	41.0	18.0	36.0	122.0

DIN582 Eye Nut



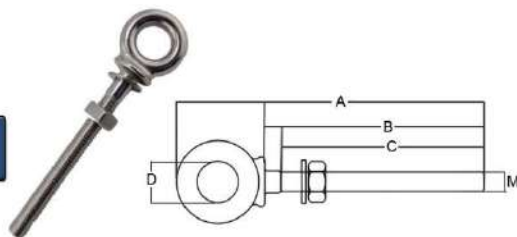
Code	Size (mm)	Dimensions (mm)			
		A	B	C	D
K582N060	6	6	28	16	20
K582N080	8	8	36	20	20
K582N100	10	10	45	25	25
K582N120	12	12	53	30	30
K582N160	16	16	62	35	35
K582N200	20	20	71	40	40
K582N240	24	24	90	50	50
K582N300	30	30	109	60	60

JIS 1169 Eye Nut



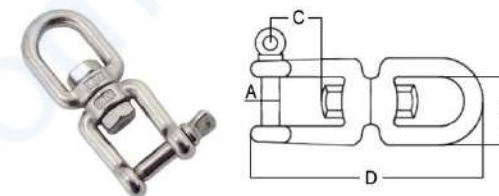
Code	Size (mm)	Dimensions (mm)				
		A	B	C	D	M
K1169N090	6	16.5	12.0	5.0	31.0	6
K1169N080	8	20.0	15.0	5.7	39.0	8
K1169N100	10	25.0	19.0	7.0	47.5	10
K1169N120	12	30.0	22.5	9.0	57.5	12
K1169N160	16	36.0	28.0	11.0	69.0	16
K1169N200	20	40.0	32.0	15.0	79.0	20
K1169N240	24	50.0	41.0	18.0	102.0	24

Long Eye Bolt



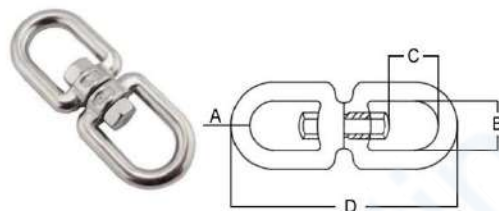
Code	Size (mm)	Dimensions (mm)			
	M	A	B	C	D
KLEB060	M6X60	85.0	60.0	55.0	13.0
KLEB080	M8X80	111.0	80.0	75.0	15.0
KLEB100	M10X100	137.0	100.0	85.0	17.0

Eye & Jaw Swivel



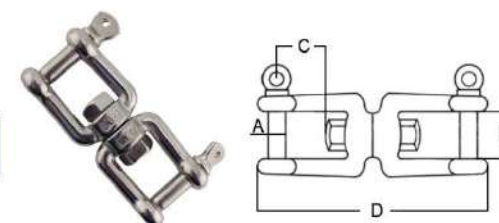
Code	Size (mm)	Dimensions (mm)			
		A	B	C	D
KEAJS060	6	6	12	11	60
KEAJS080	8	8	16	15.5	80
KEAJS100	10	10	20	20.5	103
KEAJS130	13	13	26	25.5	132
KEAJS160	16	16	32	36	167
KEAJS200	20	19	38	41	199

Eye & Eye Swivel



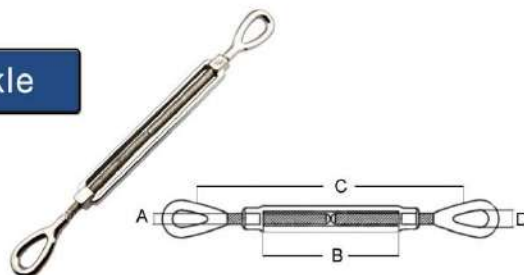
Code	Size (mm)	Dimensions (mm)			
		A	B	C	D
KEAES040	4	4	11.5	13	50
KEAES050	5	5	13	14	60
KEAES060	6	6	14.5	15.5	66.5
KEAES080	8	8	19.5	21.5	90
KEAES100	10	10	23.5	26	112
KEAES130	13	13	33	33.5	148
KEAES160	16	16	38	42.5	186
KEAES200	20	20	40.5	51	223
KEAES220	22	22	48.5	61	258
KEAES250	25	25	65	73	290

Jaw & Jaw Swivel



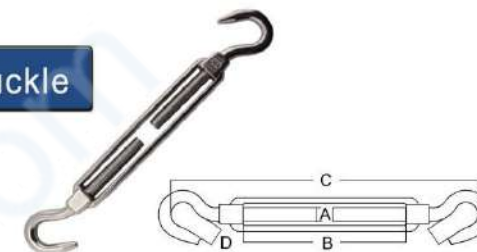
Code	Size (mm)	Dimensions (mm)			
		A	B	C	D
KJAJS060	6	6	12	11	65
KJAJS080	8	8	16	15.5	86
KJAJS100	10	10	20	20.5	111
KJAJS120	12	12	26	25.5	144.5
KJAJS160	16	15	32	36	178
KJAJS200	20	19	38	41	213

Eye & Eye Turnbuckle



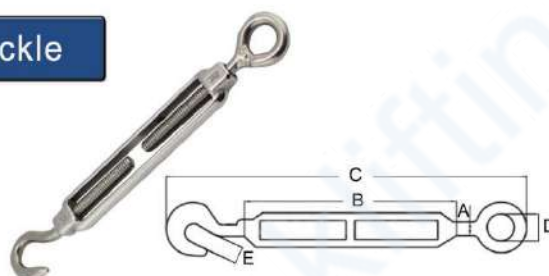
Code	Size (inch)	Dimensions (inch)			
	A	B	C	D	
KEAET00104	1/4	5	7.5	0.45	
KEAET00516	5/16	4.5	8.5	0.5	
KEAET00308	3/8	6	10.75	0.51	
KEAET00102	1/2	6	12	0.71	
KEAET00508	5/8	6	13.5	0.87	
KEAET00304	3/4	6	15.5	0.98	
KEAET10000	1	6	19	1.35	
KEAET10000	1	12	24	1.35	
KEAET10104	1 1/4	12	24	1.75	

Hook & Hook Turnbuckle



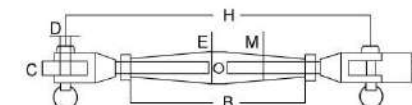
Code	Size (inch)	Dimensions (inch)			
	A	B	C	D	
KHAHT00104	1/4	4	7.5	0.37	
KHAHT00516	5/16	4.5	8.5	0.44	
KHAHT00308	3/8	6	10.75	0.5	
KHAHT00102	1/2	6	12	0.63	
KHAHT00508	5/8	6	13.5	0.63	
KHAHT00304	3/4	6	15.5	0.95	
KHAHT10000	1	6	19	1.2	
KHAHT10000	1	12	24	1.2	
KHAHT10104	1-1/4	12	24	1.44	

Eye & Hook Turnbuckle



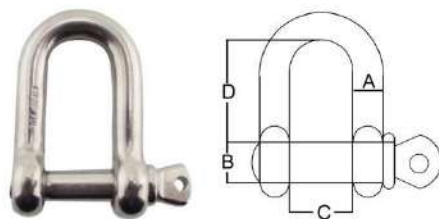
Code	Size (mm)	Dimensions (mm)			
	A	B	C	D	
KEAHT050	5	70	120	8	
KEAHT060	6	90	160	10	
KEAHT080	8	120	200	14	
KEAHT100	10	150	240	16	
KEAHT120	12	200	300	18	
KEAHT160	16	250	390	26	
KEAHT200	20	300	440	30	

Closed Body Turnbuckle



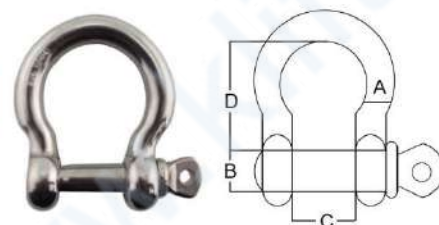
Code	Size (mm)	Dimensions (mm)					
	M	A	B	C	D	E	H
KCBT050	5	12.5	80	7.5	4.8	8.5	128
KCBT060	6	15	92	9	5.8	10	145
KCBT080	8	17	112	11	7.8	13.5	174
KCBT100	10	20	120	12	9.8	17	204
KCBT120	12	24	150	15	11.8	21	256
KCBT140	14	28	170	18	13.8	23	290
KCBT160	16	32.6	190	21	15.8	27	327
KCBT200	20	37	210	24	19.8	33	380
KCBT220	22	--	--	--	21.8	--	--
KCBT240	24	--	--	--	23.8	--	--
KCBT360	36	69	300	45	35	--	584

Euro Large Dee Shackle



Code	Size (mm)	Dimensions (mm)			
		A	B	C	D
KEDS040	4	4	4	8	16
KEDS050	5	5	5	10	20
KEDS060	6	6	6	13	24
KEDS080	8	8	8	16	32
KEDS100	10	10	10	20	40
KEDS120	12	12	12	24	48
KEDS140	14	14	14	28	56
KEDS160	16	16	16	32	64
KEDS180	18	18	18	36	72
KEDS200	20	20	20	40	76
KEDS220	22	22	22	44	88
KEDS250	25	25	25	50	100
KEDS280	28	28	28	56	112
KEDS320	32	32	32	64	128

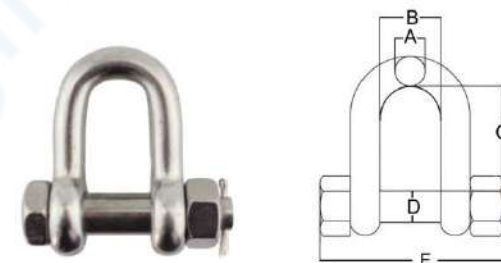
Euro Large Bow Shackle



Code	Size (mm)	Dimensions (mm)			
		A	B	C	D
KEBS040	4	4	4	8	16
KEBS050	5	5	5	10	19
KEBS060	6	6	6	12	24
KEBS080	8	8	8	16	32

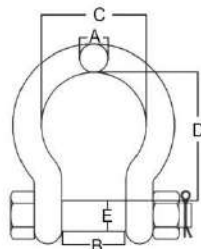
KEBS100	10	10	10	20	40
KEBS120	12	12	12	24	48
KEBS140	14	14	16	28	56
KEBS160	16	16	20	32	64
KEBS180	18	18	22	36	72
KEBS200	20	20	25	40	76
KEBS220	22	22	28	44	88
KEBS250	25	25	32	50	100

US Type D Shackle with Security Pin



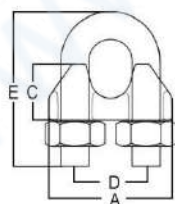
Code	Size (inch)	Dimensions (mm)				
		A	B	C	D	E
KUDS00316	3/16	4.8	9.0	20.0	6.0	35.0
KUDS00104	1/4	6.4	12.0	23.0	8.0	40.0
KUDS00516	5/16	8.0	13.0	27.0	9.0	46.0
KUDS00308	3/8	9.5	16.0	32.0	11.0	55.0
KUDS00716	7/16	11.1	18.0	38.0	13.0	64.0
KUDS00102	1/2	12.7	20.0	42.0	16.0	71.0
KUDS00508	5/8	16.0	27.0	52.0	20.0	90.0
KUDS00304	3/4	19.0	31.0	61.0	23.0	105.0
KUDS00708	7/8	22.4	36.0	73.0	26.0	122.0
KUDS10000	1	25.4	43.0	82.0	29.0	137.0
KUDS10108	1-1/8	29.2	46.0	92.0	32.0	150.0
KUDS10104	1-1/4	31.8	51.0	101.0	36.0	170.0
KUDS10308	1-3/8	35.0	57.0	113.0	39.0	183.0
KUDS10102	1-1/2	38.1	60.0	124.0	42.0	196.0
KUDS10304	1-3/4	44.4	73.0	148.0	52.0	237.0
KUDS20000	2	53.3	82.0	173.0	58.0	264.0
KUDS20102	2-1/2	66.8	105.0	205.0	71.0	345.0
KUDS30000	3	76.2	127.0	217.0	83.0	384.0

US Type Bow Shackle with Security Pin



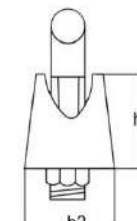
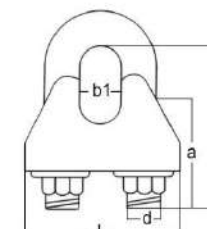
Code	Size (inch)	Dimensions (mm)				
		A	B	C	D	E
KUBS00316	3/16	4.8	9.0	15.0	22.0	6.0
KUBS00104	1/4	6.4	12.0	20.0	28.0	8.0
KUBS00516	5/16	8.0	13.0	21.0	31.0	9.0
KUBS00308	3/8	9.5	16.0	26.0	36.0	11.0
KUBS00716	7/16	11.1	18.0	29.0	42.0	12.0
KUBS00102	1/2	12.7	20.0	33.0	47.0	16.0
KUBS00508	5/8	15.9	27.0	43.0	60.0	19.0
KUBS00304	3/4	19.0	31.0	51.0	71.0	22.0
KUBS00708	7/8	22.2	36.0	58.0	84.0	25.0
KUBS10000	1	25.4	43.0	68.0	95.0	28.0
KUBS10108	1-1/8	28.6	46.0	74.0	108.0	31.0
KUBS10104	1-1/4	32.8	51.0	82.0	119.0	35.0
KUBS10308	1-3/8	36.0	57.0	92.0	133.0	38.0
KUBS10102	1-1/2	38.9	60.0	98.0	146.0	41.0
KUBS10304	1-3/4	46.7	73.0	127.0	177.0	51.0

DIN741 Wire Rope Clip



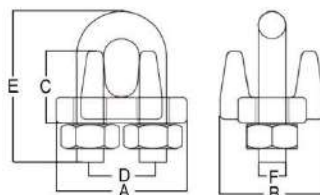
Code	Size (mm)	Dimensions (mm)					
		A	B	C	D	E	F
K741C020	2	17.0	9.5	9.5	7.0	21.0	3
K741C030	3	21.0	10.0	10.0	9.0	21.0	4
K741C040	4	21.0	10.0	10.0	9.0	23.5	4
K741C050	5	23.0	10.0	10.0	10.0	26.0	5
K741C060	6	25.0	11.5	11.5	13.0	29.0	5
K741C080	8	29.0	13.0	14.0	15.5	33.0	6
K741C100	10	33.0	15.0	16.5	19.5	43.0	8
K741C120	12	40.0	18.0	18.0	23.0	50.0	10
K741C160	16	49.0	24.0	25.0	28.0	65.0	12
K741C200	20	53.0	27.5	32.0	32.0	77.0	12

DIN1142 Wire Rope Clip



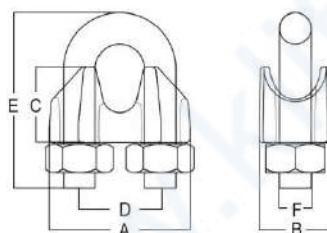
Code	Size (mm)	Dimensions (mm)						
		a	b1	b2	d	h1	h2	l
K1142C050	5	13	7	13	5	25	13	25
K1142C065	6.5	17	8	16	6	32	14	30
K1142C080	8	20	10	20	8	41	18	39
K1142C100	10	24	12	20	8	46	21	40
K1142C130	13	30	15	28	12	64	29	55
K1142C160	16	35	18	32	14	76	35	64
K1142C190	19	36	22	32	14	83	40	68
K1142C220	22	40	24	34	16	96	44	74
K1142C260	26	50	26	38	20	111	51	84
K1142C300	30	55	34	41	20	127	59	95
K1142C340	34	60	38	45	22	141	67	105
K1142C400	40	65	44	49	24	159	77	117

JIS Wire Rope Clip



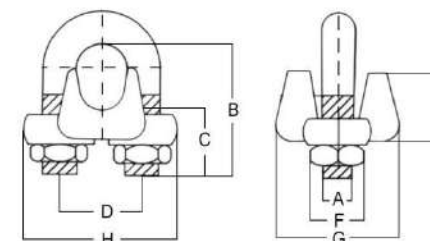
Code	Size (mm)	Dimensions (mm)					
		A	B	C	D	E	F
KJISC020	2	15.0	12.0	9.0	8.0	20.0	3
KJISC030	3	16.0	14.0	12.0	8.0	21.0	3
KJISC040	4	17.0	15.5	11.5	8.0	22.0	4
KJISC050	5	23.0	18.5	14.0	12.0	28.5	5
KJISC060	6	27.0	20.5	17.0	14.5	33.0	6
KJISC080	8	33.5	27.0	20.0	17.5	40.0	8
KJISC100	10	43.0	33.5	23.0	21.0	50.0	10
KJISC120	12	49.5	37.5	26.5	25.5	64.0	12
KJISC160	16	59.0	45.0	36.5	32.0	70.0	14

US Type Malleable Wire Rope Clip



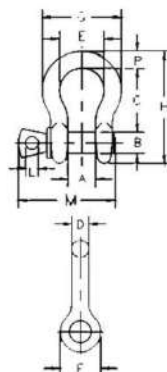
Code	Size (inch)	Dimensions (mm)					
		A	B	C	D	E	F
KMC0116	1/16	17.0	11.0	9.5	7.5	18.5	3
KMC0108	1/8	21.5	13.0	11.5	11.0	25.0	5
KMC0316	3/16	26.5	15.0	13.0	14.5	31.0	6
KMC0104	1/4	31.5	18.0	15.0	17.0	40.0	8
KMC0516	5/16	33.5	18.0	15.5	18.5	43.0	8
KMC0308	3/8	40.0	20.0	22.0	22.5	51.0	10

US Type Drop Forged G-450 Clip

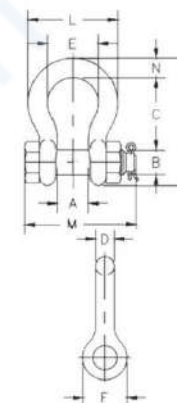


Code	Size		Dimensions (mm)							
	inch	mm	A	B	C	D	E	F	G	H
KG45000108	1/8	3-4	5.8	18.3	11.2	11.9	10.4	9.65	20.6	23.9
KG4500316	3/16	5	6.35	24.6	14.2	15.0	12.7	11.2	23.9	29.5
KG45000104	1/4	6-7	7.85	26.2	12.7	19.1	16.8	14.2	30.2	36.6
KG45000516	5/16	8	9.65	35.1	19.1	22.4	18.3	17.5	33.3	42.9
KG45000308	3/8	9-10	11.2	38.1	19.1	25.4	23.1	19.1	41.4	49.3
KG45000716	7/16	11	12.7	47.8	25.4	30.2	26.2	22.4	46.0	58.0
KG45000102	1/2	12-13	12.7	47.8	25.4	30.2	28.7	22.4	48.5	58.0
KG45000916	9/16	14-15	14.2	57.0	31.8	33.3	31.0	23.9	52.5	63.5
KG45000508	5/8	16	14.2	60.5	31.8	33.3	34.0	23.9	52.5	63.5
KG45000304	3/4	18-20	15.7	70.0	36.6	38.1	35.8	26.9	57.0	72.0
KG45000708	7/8	22	19.1	79.0	41.1	44.5	40.4	31.8	62.0	80.5
KG45010000	1	24-26	19.1	89.0	46.0	47.8	45.2	31.8	67.0	88.0
KG45010108	1-1/8	28-30	19.1	98.5	51.0	51.0	48.5	31.8	71.5	91.0
KG45010104	1-1/4	32-34	22.4	108	54.0	59.4	55.5	36.6	79.5	105
KG45010308	1-3/8	36	22.4	118	58.5	59.4	58.5	36.6	79.5	106
KG45010102	1-1/2	38	22.4	125	60.5	66.5	62.0	36.6	86.5	113
KG45010508	1-5/8	41-42	25.4	135	66.5	70.0	67.5	41.4	92.0	121
KG45010304	1-3/4	44-46	28.7	146	70.0	77.5	74.5	46.0	97.0	134
KG45020000	2	48-52	31.8	164	76.0	86.0	77.0	51.0	113	149
KG45020104	2-1/4	56-58	31.8	181	81.0	98.5	81.0	51.0	114	162
KG45020102	2-1/2	62-65	31.8	195	87.5	105	93.5	51.0	119	168
KG45020304	2-3/4	68-72	31.8	211	90.5	111	124	51.0	127	175
KG45030000	3	75-78	38.1	233	98.5	121	119	60.5	149	194
KG45030102	3-1/2	85-90	38.1	273	114	140	152	60.5	157	213

G209 Shackle



G2130 Shackle



No.	Nominal Size (in.)	Working Load Limit (t)	Weight Each (kg)	Dimensions (mm)									Tolerance + / -					
				A	B	C	D	E	F	G	H	L	M	P	C	A		
KSPAS0316	3/16	1/3	0.03	9.65	6.35	22.4	4.85	15.2	14.2	24.9	37.3	4.06	28.4	4.85	1.5	1.5		
KSPAS0104	1/4	1/2	0.05	11.9	7.85	28.7	6.35	19.8	15.5	32.5	46.7	4.85	35.1	6.35	1.5	1.5		
KSPAS0516	5/16	3/4	0.09	13.5	9.65	31	7.85	21.3	19.1	37.3	53	5.6	42.2	7.85	3.3	1.5		
KSPAS0308	3/8	1	0.14	16.8	11.2	36.6	9.65	26.2	23.1	45.2	63	6.35	51.5	9.65	3.3	1.5		
KSPAS0716	7/16	1-1/2	0.17	19.1	12.7	42.9	11.2	29.5	26.9	51.5	74	7.85	60.5	11.2	3.3	1.5		
KSPAS0102	1/2	2	0.33	20.6	16	47.8	12.7	33.3	30.2	58.5	83.5	9.65	68.5	12.7	3.3	1.5		
KSPAS0508	5/8	3-1/4	0.62	26.9	19.1	60.5	16	42.9	38.1	74.5	106	11.2	85	17.5	6.35	1.5		
KSPAS0304	3/4	3-3/4	1.07	31.8	22.4	71.5	19.1	51	46	89	126	12.7	101	20.6	6.35	1.5		
KSPAS0708	7/8	6-1/2	1.64	36.6	25.4	84	22.4	58	53	102	148	12.7	114	24.6	6.35	1.5		
KSPAS0001	1	8-1/2	2.28	42.9	28.7	95.5	25.4	68.5	60.5	119	167	14.2	129	26.9	6.35	1.5		
KSPAS0118	1-1/8	9-1/2	3.36	46	31.8	108	29.5	74	68.5	131	190	16	142	31.8	6.35	1.5		
KSPAS0114	1-1/4	12	4.31	51.5	35.1	119	32.8	82.5	76	146	210	17.5	156	35.1	6.35	1.5		
KSPAS0138	1-3/8	13-1/2	6.14	57	38.1	133	36.1	92	84	162	233	19.1	174	38.1	6.35	3.3		
KSPAS0112	1-1/2	17	7.8	60.5	41.4	146	39.1	98.5	92	175	254	20.6	187	41.1	6.35	3.3		
KSPAS0134	1-3/4	25	12.6	73	51	178	46.7	127	106	225	313	25.4	231	57	6.35	3.3		
KSPAS0002	2	35	20.4	82.5	57	197	53	146	122	253	348	31	263	61	6.35	3.3		
KSPAS0212	2-1/2	55	38.9	105	70	267	69	184	145	327	453	35.1	330	79.5	6.35	6.35		

No.	Nominal Size (in.)	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)									Tolerance + / -					
				A	B	C	D	E	F	H	L	M	N	C	A			
KBTS0316	3/16	1/3	0.03	9.65	6.35	22.4	4.85	15.2	14.2	37.3	24.9	32.8	4.85	1.5	1.5			
KBTS0104	1/4	1/2	0.05	11.9	7.85	28.7	6.35	19.8	15.5	46.7	32.5	39.6	6.35	1.5	1.5			
KBTS0516	5/16	3/4	0.1	13.5	9.65	31	7.85	21.3	19.1	53	37.3	46.2	7.85	1.5	1.5			
KBTS0308	3/8	1	0.15	16.8	11.2	36.6	9.65	26.2	23.1	63	45.2	55.1	9.65	3.3	1.5			
KBTS0716	7/16	1-1/2	0.22	19.1	12.7	42.9	11.2	29.5	26.9	74	51.5	63.8	11.2	3.3	1.5			
KBTS0102	1/2	2	0.36	20.6	16	47.8	12.7	33.3	30.2	83.5	58.5	71.1	12.7	3.3	1.5			
KBTS0508	5/8	3-1/4	0.62	26.9	19.1	60.5	16	42.9	38.1	106	74.5	90.4	17.5	3.3	1.5			
KBTS0304	3/4	4-3/4	1.23	31.8	22.4	71.5	19.1	51	46	126	89	105	20.6	6.35	1.5			
KBTS0708	7/8	6-1/2	1.79	36.6	25.4	84	22.4	58	53	148	102	122	24.6	6.35	1.5			
KBTS0001	1	8-1/2	2.28	42.9	28.7	95.5	25.4	68.5	60.5	167	119	137	26.9	6.35	1.5			
KBTS0118	1-1/8	9-1/2	3.75	46	31.8	108	28.7	74	68.5	190	131	150	31.8	6.35	1.5			
KBTS0114	1-1/4	12	5.31	51.5	35.1	119	31.8	82.5	76	210	146	170	35.1	6.35	1.5			
KBTS0138	1-3/8	13-1/2	7.18	57	38.1	133	35.1	92	84	233	162	183	38.1	6.35	3.3			
KBTS0112	1-1/2	17	8.62	60.5	41.4	146	38.1	98.5	92	254	175	196	41.1	6.35	3.3			
KBTS0134	1-3/4	25	15.4	73	51	178	44.5	127	106	313	225	246	57	6.35	3.3			
KBTS0002	2	35	23.7	82.5	57	197	51	146	122	348	253	275	61	6.35	3.3			
KBTS0212	2-1/2	55	44.6	105	70	267	66.5	184	145	453	327	345	79.5	6.35	6.35			
KBTS0003	3	85	70	127	82.5	330	76	200	165	546	365	384	92	6.35	6.35			
KBTS0312	3-1/2	120	120	133	95.5	372	92	229	203	626	419	432	105	6.35	6.35			
KBTS0004	4	150	153	140	108	368	104	254	229	653	468	451	116	6.35	6.35			

Double Leg Pressed Steel Wire Rope Sling

The specification of the wire rope in the form is 6 × 37 + FC - 1670.

This form with two status working load. The 0°-90° is the priority if the customers without any special requirement.

Different construction rope with different working load, we can calculate the working load according with the steel wire rope construction which the customer required.

Both ends of fittings with safety factor 4, and other parts safety factor is 5.



Art. No.	Dia. of Rope(d) (mm)	Working Load Limit(KN)		Link parameter A×B×d(mm)	Hook	
		0°-90°	90°-120°		Type(t)	WLL(t)
K06	6	4.5	3.2	65×130×16	(US) S6	0.75
K07	7	6.1	4.3	65×130×16	(US) S6	0.75
K08	8	7.9	5.7	65×130×16	(US) S6	0.75
K09	9	10	7.2	65×130×16	(US) S6	0.75
K10	10	12	8.9	65×130×16	(US) S6	1
K11	11	15	11	65×130×16	(US) S6	1.5
K12	12	18	13	65×130×16	(US) S6	1.5
K13	13	21	15	65×130×16	(US) S6	1.5
K14	14	24	17	65×130×16	(US) S6	2
K16	16	32	23	80×150×20	(US) S6	3
K18	18	40	29	90×160×24	(US) S6	3
K20	20	50	35	90×160×24	(US) S6	5
K22	22	60	43	90×160×24	(US) S6	5
K24	24	71	51	100×190×28	(US) S6	7.5
K26	26	84	60	100×190×28	(US) S6	7.5
K28	28	97	69	100×190×28	(US) S6	7.5
K30	30	112	80	110×200×32	(US) S6	10
K32	32	127	91	110×200×32	(US) S6	10
K34	34	143	102	135×250×38	(eye)	15
K36	36	161	115	135×250×38	(eye)	15
K38	38	179	128	135×250×38	(eye)	15
K40	40	199	142	135×250×38	(eye)	15
K42	42	220	157	140×270×42	(eye)	37
K44	44	240	172	140×270×42	(eye)	37
K46	46	262	187	160×310×46	(eye)	37
K48	48	285	203	160×310×46	(eye)	37
K50	50	309	221	180×330×52	(eye)	37
K52	52	335	239	180×330×52	(eye)	37
K54	54	361	258	180×330×52	(eye)	37
K56	56	388	277	180×330×56	(eye)	37
K58	58	417	298	180×330×56	(eye)	37
K60	60	446	319	180×330×56	(eye)	37

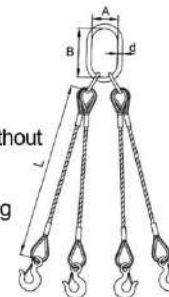
Four Legs Pressed Steel Wire Rope Sling

The specification of the wire rope in the form is 6 × 37 + FC - 1670.

This form with two status working load. The 0°-45° is the priority if the customers without any special requirement.

Different construction rope with different working load, we can calculate the working load according with the steel wire rope construction which the customer required.

Both ends of fittings with safety factor 4, and other parts safety factor is 5.



Art. No.	Dia. of Rope(d) (mm)	Working Load Limit(KN)		Link parameter A×B×d(mm)	Hook	
		0°-45°	45°-60°		Type(t)	WLL(t)
K06	6	6.7	4.8	65×130×16	(US) S6	0.75
K07	7	9.1	6.5	65×130×16	(US) S6	0.75
K08	8	12	8.5	65×130×16	(US) S6	0.75
K09	9	15	11	65×130×16	(US) S6	0.75
K10	10	19	13	65×130×16	(US) S6	1
K11	11	23	16	80×150×20	(US) S6	1.5
K12	12	27	19	80×150×20	(US) S6	1.5
K13	13	31	22	80×150×20	(US) S6	1.5
K14	14	36	26	90×160×24	(US) S6	2
K16	16	48	34	90×160×24	(US) S6	3
K18	18	60	43	100×190×28	(US) S6	3
K20	20	74	53	100×190×28	(US) S6	5
K22	22	90	64	110×200×32	(US) S6	5
K24	24	107	76	120×230×34	(US) S6	7.5
K26	26	126	90	135×250×38	(US) S6	7.5
K28	28	146	104	135×250×38	(US) S6	7.5
K30	30	168	120	140×270×42	(US) S6	10
K32	32	191	136	140×270×42	(US) S6	10
K34	34	214	153	160×310×46	(eye)	15
K36	36	241	172	160×310×46	(eye)	15
K38	38	269	192	180×330×52	(eye)	15
K40	40	298	213	180×330×52	(eye)	15
K42	42	330	235	180×330×56	(eye)	37
K44	44	360	257	180×330×56	(eye)	37
K46	46	393	280	180×330×56	(eye)	37
K48	48	427	305	210×410×62	(eye)	37
K50	50	464	331	210×410×62	(eye)	37
K52	52	503	359	210×410×62	(eye)	37
K54	54	542	387	210×410×68	(eye)	37
K56	56	582	416	210×410×68	(eye)	37
K58	58	626	447	240×410×76	(eye)	37
K60	60	669	478	240×410×76	(eye)	37