

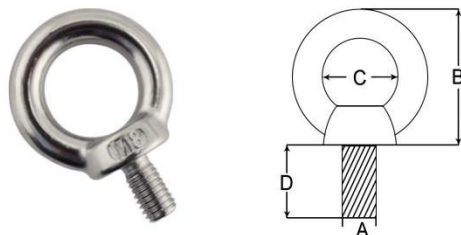


Wire Rope Rigging Hardwares

- Eye Bolt
- Eye Nut
- Swivel
- Turnbuckle
- Euro Type Shackle
- US Type Shackle
- Wire Rope Clip



DIN580 Eye Bolt



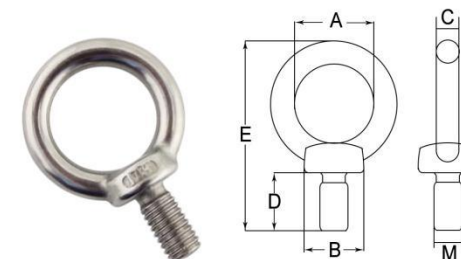
Code	Size (mm)	Dimensions (mm)			
		A	B	C	D
K580B060	6	6	28	16	13
K580B080	8	8	36	20	14
K580B100	10	10	45	25	17
K580B120	12	12	53	30	21
K580B160	16	16	62	35	27
K580B200	20	20	71	40	30
K580B240	24	24	90	50	36
K580B300	30	30	109	60	45

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 1168 Eye Bolt



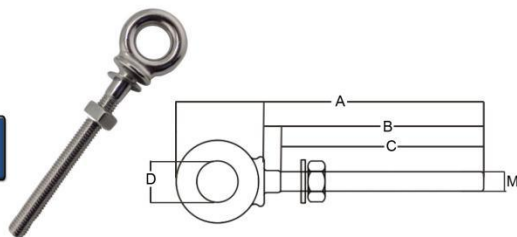
Code	Size (mm)	Dimensions (mm)				
		A	B	C	D	E
K1168B030	3	7.0	7.0	3.0	9.0	23.0
K1168B040	4	10.0	10.0	4.0	11.0	29.0
K1168B050	5	13.0	11.5	5.0	11.5	35.0
K1168B060	6	16.5	12.0	5.0	14.0	41.0
K1168B080	8	20.0	15.0	5.7	15.0	47.0
K1168B100	10	25.0	19.0	7.0	18.0	58.0
K1168B120	12	30.0	22.5	9.0	21.0	69.0
K1168B160	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

JIS 1169 Eye Nut



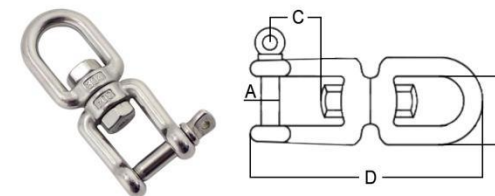
Code	Size (mm)	Dimensions (mm)				
		A	B	C	D	M
K1169N090	6	16.5	12.0	5.0	31.0	6
K1169N080	8	20.0	15.0	5.7	39.0	8
K1169N100	10	25.0	19.0	7.0	47.5	10
K1169N120	12	30.0	22.5	9.0	57.5	12
K1169N160	16	36.0	28.0	11.0	69.0	16
K1169N200	20	40.0	32.0	15.0	79.0	20
K1169N240	24	50.0	41.0	18.0	102.0	24

Long Eye Bolt



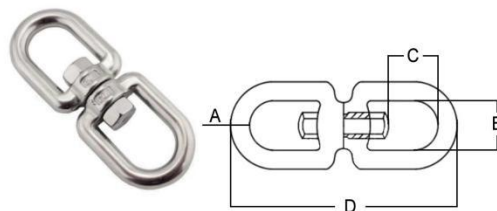
Code	Size (mm)	Dimensions (mm)			
	M	A	B	C	D
KLEB060	M6X60	85.0	60.0	55.0	13.0
KLEB080	M8X80	111.0	80.0	75.0	15.0
KLEB100	M10X100	137.0	100.0	85.0	17.0

Eye & Jaw Swivel



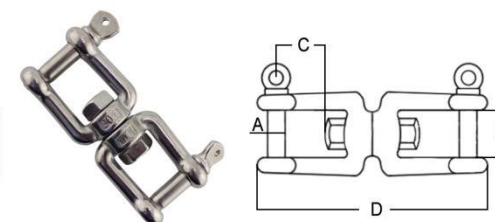
Code	Size (mm)	Dimensions (mm)			
		A	B	C	D
KEAJS060	6	6	12	11	60
KEAJS080	8	8	16	15.5	80
KEAJS100	10	10	20	20.5	103
KEAJS130	13	13	26	25.5	132
KEAJS160	16	16	32	36	167
KEAJS200	20	19	38	41	199

Eye & Eye Swivel



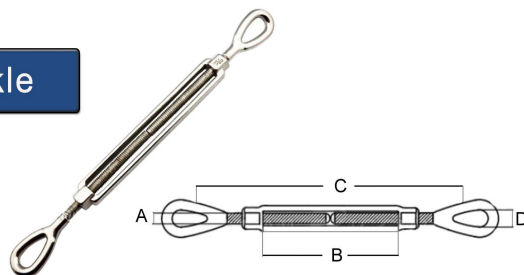
Code	Size (mm)	Dimensions (mm)			
		A	B	C	D
KEAES040	4	4	11.5	13	50
KEAES050	5	5	13	14	60
KEAES060	6	6	14.5	15.5	66.5
KEAES080	8	8	19.5	21.5	90
KEAES100	10	10	23.5	26	112
KEAES130	13	13	33	33.5	148
KEAES160	16	16	38	42.5	186
KEAES200	20	20	40.5	51	223
KEAES220	22	22	48.5	61	258
KEAES250	25	25	65	73	290

Jaw & Jaw Swivel



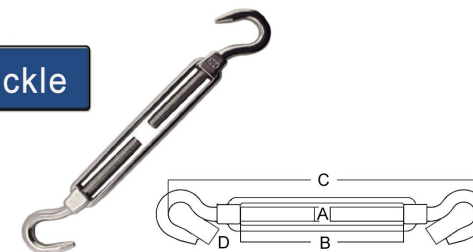
Code	Size (mm)	Dimensions (mm)			
		A	B	C	D
KJAJS060	6	6	12	11	65
KJAJS080	8	8	16	15.5	86
KJAJS100	10	10	20	20.5	111
KJAJS120	12	12	26	25.5	144.5
KJAJS160	16	15	32	36	178
KJAJS200	20	19	38	41	213

Eye & Eye Turnbuckle



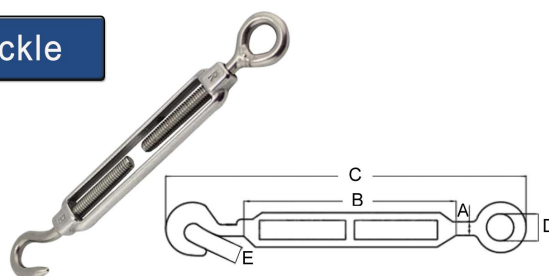
Code	Size (inch)	Dimensions (inch)			
	A	B	C	D	
KEAET00104	1/4	5	7.5	0.45	
KEAET00516	5/16	4.5	8.5	0.5	
KEAET00308	3/8	6	10.75	0.51	
KEAET00102	1/2	6	12	0.71	
KEAET00508	5/8	6	13.5	0.87	
KEAET00304	3/4	6	15.5	0.98	
KEAET10000	1	6	19	1.35	
KEAET10000	1	12	24	1.35	
KEAET10104	1 1/4	12	24	1.75	

Hook & Hook Turnbuckle



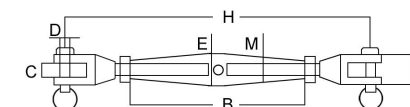
Code	Size (inch)	Dimensions (inch)			
	A	B	C	D	
KHAHT00104	1/4	4	7.5	0.37	
KHAHT00516	5/16	4.5	8.5	0.44	
KHAHT00308	3/8	6	10.75	0.5	
KHAHT00102	1/2	6	12	0.63	
KHAHT00508	5/8	6	13.5	0.63	
KHAHT00304	3/4	6	15.5	0.95	
KHAHT10000	1	6	19	1.2	
KHAHT10000	1	12	24	1.2	
KHAHT10104	1-1/4	12	24	1.44	

Eye & Hook Turnbuckle



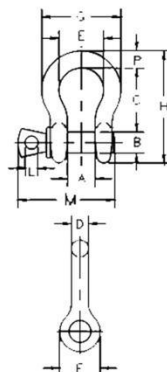
Code	Size (mm)	Dimensions (mm)			
	A	B	C	D	
KEAHT050	5	70	120	8	
KEAHT060	6	90	160	10	
KEAHT080	8	120	200	14	
KEAHT100	10	150	240	16	
KEAHT120	12	200	300	18	
KEAHT160	16	250	390	26	
KEAHT200	20	300	440	30	

Closed Body Turnbuckle

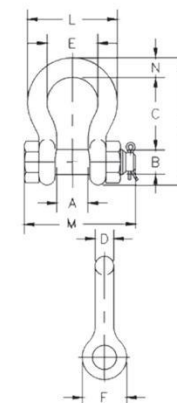


Code	Size (mm)	Dimensions (mm)						
	M	A	B	C	D	E	H	
KCBT050	5	12.5	80	7.5	4.8	8.5	128	
KCBT060	6	15	92	9	5.8	10	145	
KCBT080	8	17	112	11	7.8	13.5	174	
KCBT100	10	20	120	12	9.8	17	204	
KCBT120	12	24	150	15	11.8	21	256	
KCBT140	14	28	170	18	13.8	23	290	
KCBT160	16	32.6	190	21	15.8	27	327	
KCBT200	20	37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

G209 Shackle



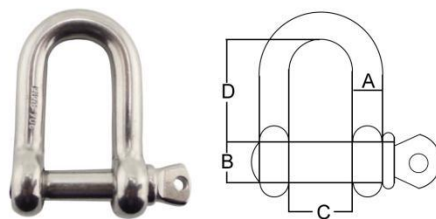
G2130 Shackle



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	

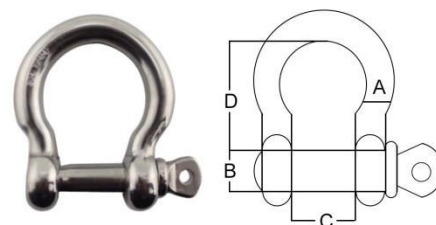
No.	Nominal Size (in.)	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)								Tolerance + / -					
				A	B	C	D	E	F	H	L	M	N	C	A		
KBTS0316	3/16	1/3	0.03	9.65	6.35	22.4	4.85	15.2	14.2	37.3	24.9	32.8	4.85	1.5	1.5		
KBTS0104	1/4	1/2	0.05	11.9	7.85	28.7	6.35	19.8	15.5	46.7	32.5	39.6	6.35	1.5	1.5		
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		

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

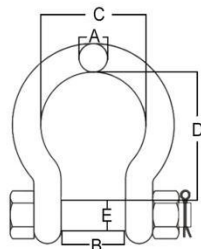
KEBS100	10	10	10	20	40
KEBS120	12	12	12	24	48
KEBS140	14	14	16	28	56
KEBS160	16	16	20	32	64
KEBS180	18	18	22	36	72
KEBS200	20	20	25	40	76
KEBS220	22	22	28	44	88
KEBS250	25	25	32	50	100

US Type D Shackle with Security Pin



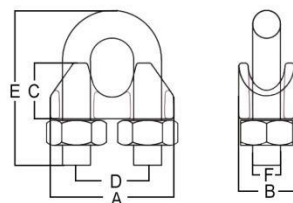
Code	Size (inch)	Dimensions (mm)				
		A	B	C	D	E
KUDS00316	3/16	4.8	9.0	20.0	6.0	35.0
KUDS00104	1/4	6.4	12.0	23.0	8.0	40.0
KUDS00516	5/16	8.0	13.0	27.0	9.0	46.0
KUDS00308	3/8	9.5	16.0	32.0	11.0	55.0
KUDS00716	7/16	11.1	18.0	38.0	13.0	64.0
KUDS00102	1/2	12.7	20.0	42.0	16.0	71.0
KUDS00508	5/8	16.0	27.0	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



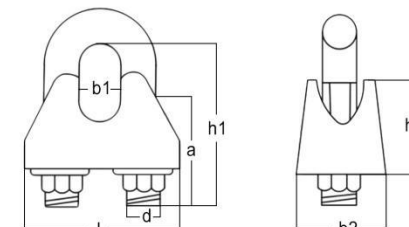
Code	Size (inch)	Dimensions (mm)				
		A	B	C	D	E
KUBS00316	3/16	4.8	9.0	15.0	22.0	6.0
KUBS00104	1/4	6.4	12.0	20.0	28.0	8.0
KUBS00516	5/16	8.0	13.0	21.0	31.0	9.0
KUBS00308	3/8	9.5	16.0	26.0	36.0	11.0
KUBS00716	7/16	11.1	18.0	29.0	42.0	12.0
KUBS00102	1/2	12.7	20.0	33.0	47.0	16.0
KUBS00508	5/8	15.9	27.0	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



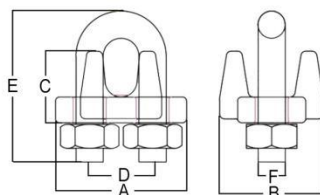
Code	Size (mm)	Dimensions (mm)					
		A	B	C	D	E	F
K741C020	2	17.0	9.5	9.5	7.0	21.0	3
K741C030	3	21.0	10.0	10.0	9.0	21.0	4
K741C040	4	21.0	10.0	10.0	9.0	23.5	4
K741C050	5	23.0	10.0	10.0	10.0	26.0	5
K741C060	6	25.0	11.5	11.5	13.0	29.0	5
K741C080	8	29.0	13.0	14.0	15.5	33.0	6
K741C100	10	33.0	15.0	16.5	19.5	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



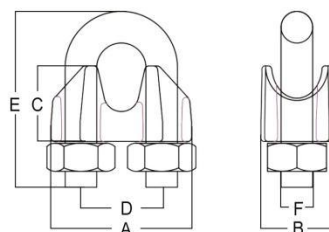
Code	Size (mm)	Dimensions (mm)						
		a	b1	b2	d	h1	h2	l
K1142C050	5	13	7	13	5	25	13	25
K1142C065	6.5	17	8	16	6	32	14	30
K1142C080	8	20	10	20	8	41	18	39
K1142C100	10	24	12	20	8	46	21	40
K1142C130	13	30	15	28	12	64	29	55
K1142C160	16	35	18	32	14	76	35	64
K1142C190	19	36	22	32	14	83	40	68
K1142C220	22	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



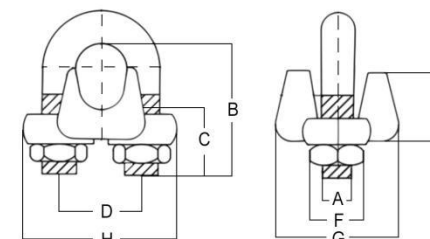
Code	Size (mm)	Dimensions (mm)					
		A	B	C	D	E	F
KJISC020	2	15.0	12.0	9.0	8.0	20.0	3
KJISC030	3	16.0	14.0	12.0	8.0	21.0	3
KJISC040	4	17.0	15.5	11.5	8.0	22.0	4
KJISC050	5	23.0	18.5	14.0	12.0	28.5	5
KJISC060	6	27.0	20.5	17.0	14.5	33.0	6
KJISC080	8	33.5	27.0	20.0	17.5	40.0	8
KJISC100	10	43.0	33.5	23.0	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	5.6	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