



Webbing&Chain

E
/WEBBING&CHAIN RIGGING

JTWS-B

WEBBING SLING



The unique advantages of webbing sling:

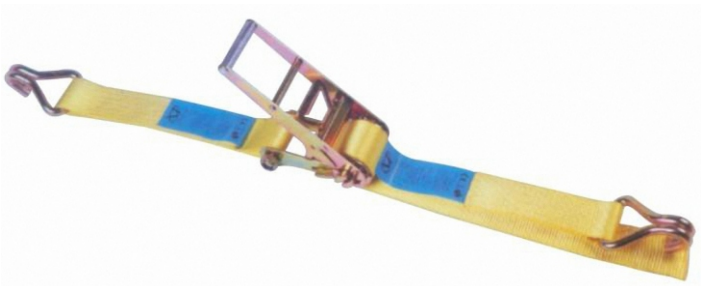
- 1.Can be single ply or double ply,sewing method is different.
- 2.The specification can be adjusted according to the customers' needs.
- 3.Loading surface is wide,can reduce the weight at each loading point.
- 4.No damages to tender objects.
- 5.Various loading methods.
- 6.High strength/weight ratio.

JTWS-B Webbing Sling's lifting method and maximum safety working load parameter.

Max.SWL=Mode Coefficient P ×Working Load Limit																
Max, SWL of lifting method																
Model	Color	Single Max.Working Load Limit						2-Legs Max, Working Load Limit				Approx Width (mm)			Min Length (m)	Max Length (m)
		Upright	Chocked	β				Upright 45°	Choked 45°	Upright 45°-60°	Choked 45°-60°					
				0°-7°	7°-45°	45°-60°	45°									
																
1.0	0.8	2.0	1.4	1.0	0.7	1.4	1.12	1.0	0.8	5:1	6:1	7:1				
JTWS-B01	violet	1000	800	2000	1400	1000	700	1400	1120	1000	800	25	25	30	1	100
JTWS-B02	Green	2000	1600	4000	2800	2000	1400	2800	2240	2000	1600	50	50	60	1	100
JTWS-B03	Yellow	3000	2400	6000	4200	3000	2100	4200	3360	3000	2400	75	75	90	1	100
JTWS-B04	Grey	4000	3200	8000	5600	4000	2800	5600	4480	4000	3200	100	100	120	1	100
JTWS-B05	Red	5000	4000	10000	7000	5000	3500	7000	5600	5000	4000	125	125	150	1	100
JTWS-B06	Brown	6000	4800	12000	8400	6000	4200	8400	6720	6000	4800	150	150	180	1	100
JTWS-B08	violet	8000	6400	16000	11200	8000	5600	11200	8960	8000	6400	200	200	240	1	100
JTWS-B10	Orange	10000	8000	20000	14000	10000	7000	14000	11200	10000	8000	250	250	300	1	100
JTWS-B12	Orange	12000	9600	24000	16800	12000	8400	16800	13440	12000	9600	300	300	300	3	100
JTWS-B15	violet	15000	12000	40000	28000	15000	14000	28000	22400	15000	12000	200	200	240	3	100
JTWS-B20	Orange	20000	16000	60000	42000	20000	21000	42000	33600	20000	16000	250	250	300	3	100
JTWS-B25	Orange	25000	20000	50000	35000	25000	17500	35000	28000	25000	20000	300	300	300	3	100
JTWS-B30	Orange	30000	24000	60000	42000	30000	21000	42000	33600	30000	24000	300	300	300	3	100
JTWS-B40	Orange	40000	32000	80000	56000	40000	28000	56000	44800	40000	32000				3	100
JTWS-B50	Orange	50000	40000	100000	70000	50000	35000	70000	56000	50000	40000				3	100

JTRT

RATCHET BELTS



JTRT001

Size: 4"
Handle Length: 300MM
Break Loading(Strenght): 10000KG/22000LBS
Handle: Aluminum
Ratchet Color: Color Zinc Coated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 100MM

Hook Option

SH028 SH000 SDZ004



JTRT002

Size: 3"
Handle Length: 300MM
Break Loading(Strenght): 10000KG/22000LBS
Handle: Aluminum
Ratchet Color: Color Zinc Coated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 75MM

Hook Option

SH001 SH011 SH025 SH029 SDZ004



JTRT003

Size: 2"
Handle Length: 300MM
Break Loading(Strenght): 5000KG/11000LBS
Handle: Plastic
Ratchet Color: Color Zinc Coated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 50MM

Hook Option

SH002 SH003 SH004 SH012 SH014 SH015 SH023 SH026 SH030



SH032 SH033 SH034 SH043 SH044 SH045 SH047 SDZ006



JTRT

RATCHET BELTS



JTRT004

Size: 2"
Handle Length: 230MM
Break Loading(Strenght): 5000KG/11000LBS
Handle: Plastic
Ratchet Color: Color Zinc Plated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 50MM
Hook Option



JTRT005

Size: 2"
Handle Length: 230MM
Break Loading(Strenght): 5000KG/11000LBS
Handle: Aluminum
Ratchet Color: Color Zinc Plated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 50MM
Hook Option



JTRT006

Size: 2"
Handle Length: 230MM
Break Loading(Strenght): 5000KG/11000LBS
Handle: Plastic
Ratchet Color: Color Zinc Plated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 50MM
Hook Option



JTRT

RATCHET BELTS



JTRT007

Size: 2"
Handle Length: 196MM
Break Loading(Strenght): 5000KG/11000LBS
Handle: Plastic
Ratchet Color: Color Zinc Plated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 50MM
Hook Option



JTRT008

Size: 2"
Handle Length: 196MM
Break Loading(Strenght): 5000KG/11000LBS
Handle: Plastic
Ratchet Color: Color Zinc Plated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 50MM
Hook Option



JTRT009

Size: 2"
Handle Length: 196MM
Break Loading(Strenght): 5000KG/11000LBS
Handle: Aluminium
Ratchet Color: Color Zinc Plated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 50MM
Hook Option



JTRT

RATCHET BELTS



JTRT010

Size: 2"
Handle Length: 133MM
Break Loading(Strenght): 2000KG/4400LBS
Handle: Iron handle
Ratchet Color: Color Zinc Plated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 50MM
Hook Option



JTRT

RATCHET BELTS



JTRT013

Size: 1.5"
Handle Length: 135MM
Break Loading(Strenght): 2000KG/4400LBS
Handle: Iron handle
Ratchet Color: Color Zinc Coated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 38MM
Hook Option



JTRT011

Size: 1.5"
Handle Length: 170MM
Break Loading(Strenght): 3000KG/6600LBS
Handle: Iron handle
Ratchet Color: Color Zinc Plated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 38MM
Hook Option



JTRT014

Size: 11/16"
Handle Length: 125MM
Break Loading(Strenght): 1500KG/3300LBS
Handle: Iron handle
Ratchet Color: Color Zinc Coated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 28MM
Hook Option



JTRT012

Size: 1.5"
Handle Length: 155MM
Break Loading(Strenght): 3000KG/6600LBS
Handle: Plastic
Ratchet Color: Color Zinc Plated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 38MM
Hook Option



JTRT015

Size: 1"
Handle Length: 115MM
Break Loading(Strenght): 800KG/1760LBS
Handle: One-piece straight handle
Ratchet Color: Color Zinc Coated
Webbing Colour: Blue/Yellow/Red/Orange
Length: 4M-12M
Width: 25MM
Hook Option



JTWS-A

ROUND WEBBING SLING



The unique advantages of round sling:

- 1.Especially suitable for loading round objects.
- 2.The surface of round sling is smooth,does not cause damages to tender objects loaded.
- 3.Various loading methods,including dragging or pulling loaded objects.
- 4.Uniform load, so that the sling service life is longer.
- 5.High strength/weight ratio.
- 6.Anti-abrasion and anti-incision protection sleeve are available.
- 7.Has special label,working load is differentiated by colors according to international standard.Easy to identity even if the sling has been abraded.
- 8.Light and soft,can be used in small narrow space.
- 9.Non-electric conductive,no danger of electric stroke.
- 10.In compliance with European Standard En1492-2:2000 and Chinese Standard JB/T8521-2007.

JTWS-A Round Sling's lifting method and maximum safety working load parameter.

Max.SWL=Mode Coefficient P ×Working Load Limit								Max, SWL of lifting method						
Model	Color	Single Max.Working Load Limit						2-Legs Max, Working Load Limit				Approx Width (mm)	Min Length (m)	Max Length (m)
		Upright	Chocked	β				Upright 45°	Choked 45°	Upright 45°-60°	Choked 45°-60°			
				0°-7°	7°-45°	45°-60°	45°							
														
JS-A01	violet	1000	800	2000	1400	1000	700	1400	1120	1000	800	50	1	100
JS-A02	Green	2000	1600	4000	2800	2000	1400	2800	2240	2000	1600	60	1	100
JS-A03	Yellow	3000	2400	6000	4200	3000	2100	4200	3360	3000	2400	70	1	100
JS-A04	Grey	4000	3200	8000	5600	4000	2800	5600	4480	4000	3200	75	1	100
JS-A05	Red	5000	4000	10000	7000	5000	3500	7000	5600	5000	4000	80	1	100
JS-A06	Brown	6000	4800	12000	8400	6000	4200	8400	6720	6000	4800	90	1	100
JS-A08	Blue	8000	6400	16000	11200	8000	5600	11200	8960	8000	6400	100	1	100
JS-A10	Orange	10000	8000	20000	14000	10000	7000	14000	11200	10000	8000	110	1	100
JS-A12	Orange	12000	9600	24000	16800	12000	8400	16800	13440	12000	9600	125	1	100
JS-A15	Blue	15000	12000	40000	28000	15000	14000	28000	22400	15000	12000	150	1	100
JS-A20	Orange	20000	16000	60000	42000	20000	21000	42000	33600	20000	16000	180	1	100
JS-A25	Orange	25000	20000	50000	35000	25000	17500	35000	28000	25000	20000	200	1	100
JS-A30	Orange	30000	24000	60000	42000	30000	21000	42000	33600	30000	24000	220	1	100
JS-A40	Orange	40000	32000	80000	56000	40000	28000	56000	44800	40000	32000	250	1	100
JS-A50	Orange	50000	40000	100000	70000	50000	35000	70000	56000	50000	40000	270	1	100
JS-A60	Orange	60000	48000	120000	84000	60000	42000	84000	67200	60000	48000	280	1	100
JS-A80	Orange	80000	64000	160000	112000	80000	56000	112000	89600	80000	64000	300	1	100
JS-A100	Orange	100000	80000	200000	140000	100000	70000	140000	112000	100000	80000	320	1	100

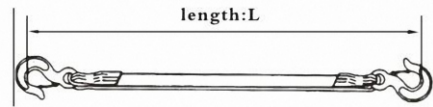
JTTB

CAR TOWING BELT

Car towing belt can resolve the problem of breakdown, destroy or falling car or jeep with the most simple method, the hooks can easily match the vehicle. it is lighter than the steel wire rope, don't become It is rusty,mildewed, and you can put it into your luggage of the car to store it.

- The standard length is 4m.
- You can order 6m, 8m.

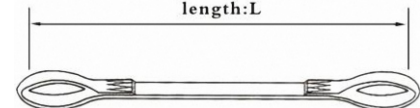
JTTB01 Car Towing Belt



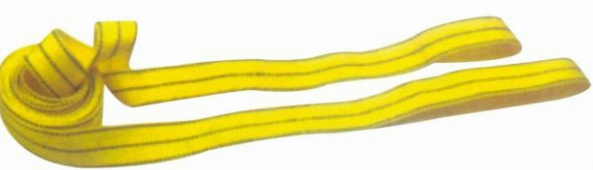
Art.No.	Breaking Load (kg)	Approx Thickness (mm)	Approx Width (mm)	Total Length (m)
JTTB01-01	1000	2	25	4
JTTB01-015	1500	2	35	4
JTTB01-02	2000	2	50	4
JTTB01-03	3000	3	50	4



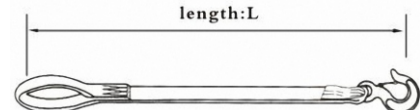
JTTB02 Car Towing Belt



Art.No.	Breaking load	Approx Thickness (mm)	Approx Width (mm)	Total Length (m)
JTTB02-01	1000	2	25	4
JTTB02-015	1500	2	35	4
JTTB02-02	2000	2	50	4
JTTB02-03	3000	3	50	4



JTTB03 Car Towing Belt



Art.No.	Breaking Load (kg)	Approx Thickness (mm)	Approx Width (mm)	Total Length (m)
JTTB03-01	1000	2	25	4
JTTB03-015	1500	2	35	4
JTTB03-02	2000	2	50	4
JTTB03-03	3000	3	50	4

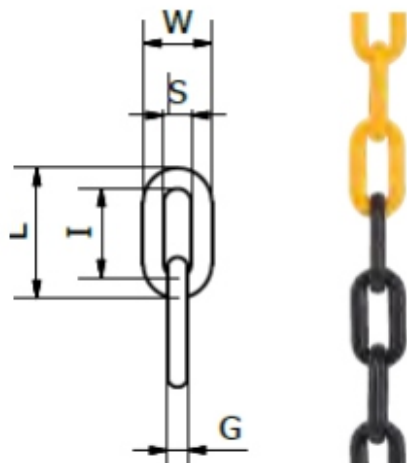


LIGHT-WEIGHT LONG LINK PLASTIC CHAIN

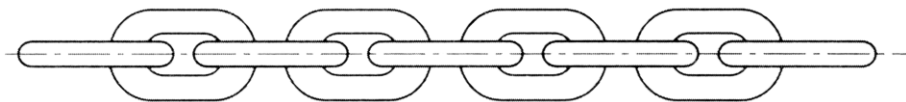
Jentan heavy duty plastic chain is available in a range of colours to suit your application.

Specifications

Size(mm) G	Size(mm) L	Size(mm) W	Size(mm) I	Size(mm) S	OUM	Colour
6	38	20	26.8	8	Meter	Black/Yellow
6	38	20	26.8	8	Meter	Red/White



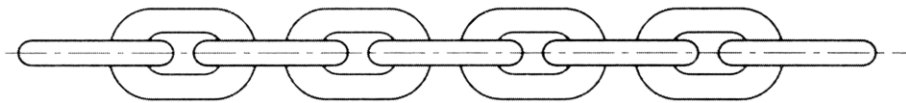
JTGC-G80Grade 80 Alloy Chain



Specifications

Size	Dia.	Inside Length	Inside Width	Working Load Max	Proof Test Min	Breaking Force Min	Weigh Per 100ft	Weight Per Meter
1/4	6mm	18mm	8.7mm	1150kg	22.5kn	45kn	24.3kg	0.80
1/4	7mm	22mm	10.5mm	1570kg	30.8kn	61.6kn	33.0kg	1.08
5/16	8mm	24mm	12mm	2050kg	40.3kn	80.6kn	43.5kg	1.43
5/16	9mm	27mm	12mm	2500kg	50.8kn	102kn	54.8kg	1.80
3/8	10mm	30mm	14.5mm	3200kg	63kn	126kn	67.6kg	2.22
1/2	13mm	39mm	19mm	5400kg	107kn	214kn	113.6kg	3.73
1/2	13mm	82mm	24mm	5400kg	107kn	214kn	88.4kg	2.90
5/8	16mm	48mm	23mm	8200kg	161kn	322kn	170.3kg	5.58
3/4	19mm	47mm	26mm	11200kg	227kn	454kn	243.8kg	8.00
3/4	20mm	60mm	28mm	12500kg	250kn	500kn	274.3kg	9.00
7/8	22mm	66mm	29.5mm	15000kg	300kn	600kn	332kg	10.90
1	26mm	78mm	35mm	20000kg	400kn	800kn	463kg	15.20

JTGC-G100Grade 100 Alloy Chain



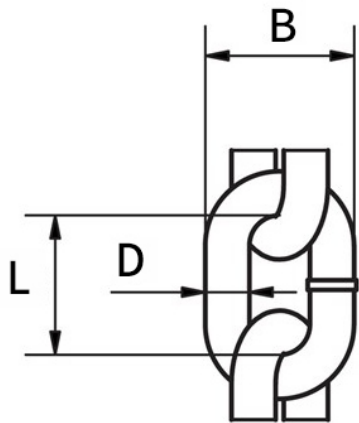
Specifications

Size	Dia.	Inside Length	Inside Width	Working Load Max	Proof Test Min	Breaking Force Min	Weigh Per 100ft	Weight Per Meter
1/4	6mm	18mm	9mm	1400kg	28.0kn	56.5kn	24.4kg	0.80
1/4	7mm	21mm	10.5mm	1950kg	38.5kn	77.0kn	33.1kg	1.09
5/16	8mm	24mm	12mm	2600kg	51.0kn	102.0kn	43.7kg	1.43
3/8	10mm	30mm	15mm	4000kg	79.0kn	158.0kn	68kg	2.23
1/2	12mm	36mm	18mm	5650kg	111.0kn	222.0kn	97.9kg	3.21
1/2	13mm	39mm	19.5mm	6800kg	134kn	268.0kn	114.9kg	3.77
5/8	16mm	48mm	24mm	10300kg	201.0kn	402.0kn	174kg	5.71
3/4	18mm	54mm	27mm	13000kg	254.5kn	509.0kn	220.3kg	7.23
3/4	19mm	57mm	28.5mm	14400kg	283.0kn	567.0kn	244.9kg	8.04
7/8	20mm	60mm	30mm	16000kg	315.0kn	630.0kn	272kg	8.92
7/8	22mm	66mm	33mm	19400kg	381.0kn	762.0kn	329.1kg	10.80

Hand chains

Specifications

Diameter(mm) D	Inside Length(mm) L	Outside Width(mm) B	Finish	Weight (KG/M)
5	23.5	18	Zinc	0.48



TRANSPORT CHAIN NACM96(G70)

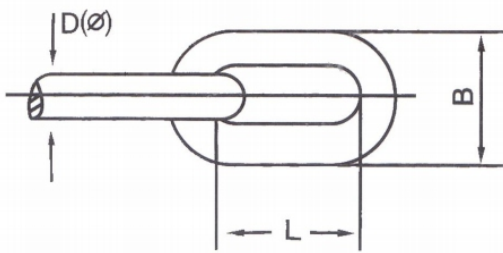
Specifications

Nominal diameter		Working load limit(max)		Proof test(min)		Minimum breaking force		Inside length(max.)		Inside width(min.)	
in	mm	lbs	kg	lbs	KN	lbs	KN	in	mm	in	mm
1/4"	7	3150	1430	6300	28	12600	56	1.24	31.5	0.38	9.8
5/16"	8.7	4700	2130	9400	41.8	18800	83.6	1.29	32.8	0.44	11.2
3/8"	10	6600	2990	13200	58.7	26400	117.4	1.38	35	0.55	14
7/16"	11.9	8750	3970	17500	77.8	35000	155.4	1.64	41.6	0.65	16.6
1/2"	13	11300	5130	22600	100.4	45200	200.8	1.79	45.5	0.72	18.2
5/8"	16	15800	7170	31600	140.4	63200	280.8	2.2	56	0.79	20
3/4"	20	24700	11200	49400	219.6	98800	439.2	2.76	70	0.98	25

Lashing chains

Specifications

Diameter(mm) D	Inside Length(mm) L	Outside Width(mm) B	Proof Load(KN)	Breaking Load(KN)	Weight(KG/M)
6	35	22	22	44	0.64
7	35	24	22	44	0.90
9	53	33	49	98	1.42
10(A)	65	42	63	125	1.75
10(B)	53	35	63	125	1.80
11	64	40	73.5	147	2.18
12	64	42	73.5	147	2.58
13(A)	82	54.6	95	190	3.05
13(B)	80	48	95	190	3.01
14	80	50	100	200	3.55
16	100	67.2	160	320	4.58
19	76	67	136	273	7.64



MATERIAL:20Mn2

TRANSPORT CHAIN ASTM80 (G70)

Specifications

Nominal diameter		Working load limit(max)		Proof test(min)		Minimum breaking force		Weight per100'		Inside length(max.)		Inside width(min.)	
in	mm	lbs	kg	lbs	KN	lbs	KN	lb	kg	in	mm	in	mm
1/4"	7.1	3150	1430	6300	27.8	12600	56	75	34	0.86	21.8	0.45	11.4
5/16"	8.7	4700	2130	9400	41.8	18800	83.6	111	50.4	1.01	25.6	0.46	11.7
3/8"	10.3	6600	2990	13200	58.7	26400	117.4	156	71	1.19	30.2	0.55	14

NACM96 CHAIN

PROOF-COIL CHAIN NACM96 (G30)

Specifications

Diameter		Material Diameter		Working load limit(max)		Proof test(min)		Minimum breaking force		Inside length(max.)		Inside width(min.)	
in	mm	in	mm	lbs	kg	lbs	KN	lbs	KN	in	mm	in	mm
1/8"	4	0.156	4	400	180	800	3.6	1600	7.2	0.94	23.9	0.25	6.4
3/16"	5.5	0.217	5.5	800	365	1600	7.2	3200	14.4	0.98	24.8	0.3	7.7
1/4"	7	0.276	7	1300	580	2600	11.6	5200	23.2	1.24	31.5	0.38	9.8
5/16"	8	0.331	8	1900	860	3800	16.9	7600	33.8	1.29	32.8	0.44	11.2
3/8"	10	0.394	10	2650	1200	5300	23.6	10600	47.2	1.38	35	0.55	14
7/16"	11.9	0.488	11.9	3700	1680	7400	32.9	14800	65.8	1.64	41.6	0.65	16.6
1/2"	13	0.512	13	4500	2030	9000	40	18000	80	1.79	45.5	0.72	18.2
5/8"	16	0.63	16	6900	3130	13800	61.3	27600	122.6	2.2	56	0.79	20
1/2"	20	0.787	20	10600	4800	21200	94.3	42400	188.6	2.76	70	0.98	25
3/4"	22	0.866	24	12800	5810	25600	114.1	51200	288.2	3.03	77	1.05	27.5
1"	26	1.02	26	17900	8140	35800	159.1	71600	318.2	3.58	90.9	1.25	31.7

NACM96 CHAIN

HIGH TEST CHAIN NACM96 (G43)

Specifications

Diameter		Material Diameter		Working load limit(max)		Proof test(min)		Minimum breaking force		Inside length(max.)		Inside width(min.)	
in	mm	in	mm	lbs	kg	lbs	KN	lbs	KN	in	mm	in	mm
1/4"	7	0.276	7	2600	1180	800	3.6	1600	7.2	0.94	23.9	0.25	6.4
5/16"	8.7	0.331	8.7	3900	1770	1600	7.2	3200	14.4	0.98	24.8	0.3	7.7
3/8"	10	0.394	10.3	5400	2450	2600	11.6	5200	23.2	1.24	31.5	0.38	9.8
7/16"	11.9	0.488	11.9	7200	3270	3800	16.9	7600	33.8	1.29	32.8	0.44	11.2
1/2"	13	0.512	13.5	9200	4170	5300	23.6	10600	47.2	1.38	35	0.55	14
5/8"	16	0.63	16	13000	5190	7400	32.9	14800	65.8	1.64	41.6	0.65	16.6
3/4"	22	0.787	20	20200	9180	9000	40	18000	80	1.79	45.5	0.72	18.2
7/8"	22	0.866	22	24500	11140	13800	61.3	27600	122.6	2.2	56	0.79	20

NACM84/90 CHAIN



Specifications

Nominal size		Material Diameter		Working load limit		Proof test(min)		breaking force		Inside length(max.)		Inside width(min.)	
mm	in	mm	in	kg	lb	KN	lb	KN	lb	mm	in	mm	in
4	1/8	4	0.156	170	375	3.6	800	7.1	1600	23.9	0.94	0.25	6.4
5.5	3/6	5.5	0.217	365	800	7.2	1600	14.3	3200	24.8	0.98	7.7	0.3
7	1/4	7	0.276	580	1300	11.6	2600	23.1	5200	31.5	1.24	9.8	0.38
8	5/16	8	0.315	860	1900	15.1	3400	30.2	6800	32.8	1.29	11.2	0.44
10	3/8	10	0.394	1200	2650	23.6	5300	47.1	10600	35	1.38	14	0.55
13	1/2	13	0.512	2030	4500	39.8	8950	79.6	17900	45.5	1.79	18.2	0.72
16	5/8	16	0.630	3130	6900	60.3	13600	120.6	27200	56	2.2	20	0.79
20	3/4	20	0.787	4800	10600	94.3	21200	188.5	42400	70	2.76	25	0.98
22	7/8	22	0.866	5810	12800	114.1	25600	228.1	51200	77	3.03	27.5	1.08
25	1	26	1.020	8140	17900	159.1	35800	318.2	71600	90.9	3.58	31.7	1.25

ASTM80 CHAIN

PROOF-COIL CHAIN ASTM (G30)



Specifications

Nominal diameter		Working load limit(max)		Proof test(min)		Minimum breaking force		Inside length(max.)		Inside width(min.)	
in	mm	lbs	kg	lbs	KN	lbs	KN	in	mm	in	mm
1/8"	4	420	190	850	3.78	1700	7.56	0.89	22.6	0.29	7.4
3/16"	5.5	800	360	1600	7.11	3200	14.2	0.95	24.1	0.40	10.2
1/4"	7.1	1330	600	2650	11.8	5300	23.6	1	25.4	0.5	12.7
5/16"	8.7	2000	910	4000	17.8	8000	35.6	1.10	27.9	0.5	12.7
3/8"	10.3	2800	1270	5600	24.9	11200	49.8	1.23	31.2	0.62	15.7
1/2"	13.5	4800	2190	9650	42.9	19300	85.5	1.53	38.9	0.80	20.3
5/8"	16.7	7400	3350	14800	65.8	29600	131.6	1.9	48.3	1	25.4
3/4"	19.8	10400	4700	20800	92.5	41600	185	2.15	54.6	1.12	28.4
7/8"	23	14000	6350	28000	124.5	56000	249	2.50	63.5	1.37	34.8
1"	26.5	18000	8400	37200	165.4	74400	330.8	2.75	69.9	1.5	38.1

AMERICAN STANDARD NACM96 CHAIN

HIGH TEST CHAIN ASTM80 (G43)

Specifications

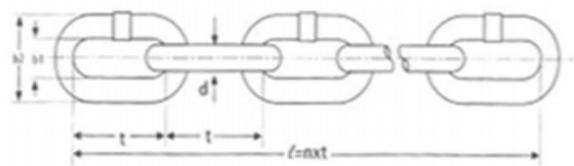
Nominal diameter		Working load limit(max)		Proof test(min)		Minimum breaking force		Weight per 100'		Inside length(max.)		Inside width(min.)	
in	mm	lbs	kg	lbs	KN	lbs	KN	lb	kg	in	mm	in	mm
1/8"	4	420	190	850	3.78	1700	7.56	80	36.3	0.89	22.6	0.29	7.4
3/16"	5.5	800	360	1600	7.11	3200	14.2	111	50.4	0.95	24.1	0.40	10.2
1/4"	7.1	1330	600	2650	11.8	5300	23.6	160	72.6	1	25.4	0.5	12.7
5/16"	8.7	2000	910	4000	17.8	8000	35.6	284	128.6	1.10	27.9	0.5	12.7

DIN 818-2 LINK CHAIN

Specifications

Size(mm)	Deviation +/-	Pitch(nn)	Deviation max	Deviation min	Inside width(mm)	Outside width(mm)	Weight(kg/m)	Working load(kn)	proof load(kn)	Break load(kn)
6	0.24	18	18.5	17.5	7.8	22.2	0.80	1.12	28.30	45.2
7	0.28	21	21.8	20.4	9.1	25.9	1.10	1.50	38.50	61.6
8	0.32	24	24.7	23.3	10.4	29.6	1.40	2.00	60.30	80.4
10	0.40	30	30.9	29.1	13	37	2.20	3.15	78.50	126
13	0.52	39	40.2	37.8	16.9	48.1	3.80	5.30	133	212
16	0.64	48	49.6	49.6	20.8	59.2	5.70	8.00	201	322
18	0.90	54	55.6	52.4	23.4	66.6	7.30	10.00	254	407
20	1.00	60	61.8	58.2	26	74	9.00	12.50	314	503
22	1.10	66	68	64	28.6	81.4	10.90	15.00	380	608
23	1.3	78	80.3	75.7	33.8	96.2	15.20	21.2	531	849

DIN 762 LINK CHAIN



Specifications

Nominal diameter		Pitch(nn)			width(mm)		Weight(kg/m)	Working load(kn)	proof load(kn)	Break load(kn)	Deflection
d	tol.	t		tol.	b1(min)	b2(min)	kg/m	KN.max	KN.min	KN.min	f min.
10	0.4	50	0.8	-0.4	14	36	1.8	10	25	50	13
13	0.5	65	1	-0.5	18.2	46.8	3.1	16	40	80	17
16	0.6	80	1.3	-0.6	22.4	57.6	4.7	25	63	125	21
18	0.9	90	1.4	-0.7	25	65	6	32	80	160	23
20	1	100	1.6	-0.8	28	72	7.4	40	100	200	26

DIN 763 LINK CHAIN

Specifications

Size		Inside Length		Outside Width		Working	Test load(kn)	Break load(N)	Weight
mm	mm	mm	±mm	mm	±mm	kg	N	N	kg
2.0	0.5	22	1.0	8	0.4	25	800	1250	0.06
2.5		24	1.1	10	0.5	40	800	2000	0.10
3		26	1.2	12	0.6	55	1050	3200	0.15
3.5		28	1.3	14	0.7	80	1540	3850	0.20
4		32	1.5	16	0.8	100	2000	6000	0.24
4.5		34	1.7	18	0.9	128	2500	6300	0.35
5		35	1.8	20	1.0	160	3150	10000	0.43
5.5		38.5	1.8	22	1.1	195	3800	12065	0.52
6		42	2.0	24	1.2	224	4500	14000	0.63
7		49	2.5	28	1.4	300	6000	18000	0.86
8		52	2.5	32	1.6	400	8000	25000	1.10
8.5		56	2.8	34	1.7	460	9000	28200	1.25
9		59	3.0	36	1.8	530	10500	32000	1.41
10		65	3.2	40	2.0	630	12500	40000	1.75
11	1	72	3.4	44	2.0	790	15800	47500	2.11
12		78	3.6	48	2.3	940	18800	56500	2.55
13		82	4.0	52	2.5	1000	21200	63000	2.95
16		100	5.0	64	3.2	1600	33000	100000	4.45
18		113	5.2	70	3.2	2120	42300	127000	5.65
19		119	5.6	72	3.4	2370	47300	142000	6.25
20		120	6.0	75	3.8	2500	50000	160000	7
22		127	6.0	82	4.0	3170	63300	190000	8.55
25		140	6.6	85	4.2	4090	81700	245000	10.90
28		152	7.0	96	4.7	6000	120000	300000	13.9
32		171	7.8	108	5.2	8000	160000	400000	18.2

DIN 766 LINK CHAIN

Specifications

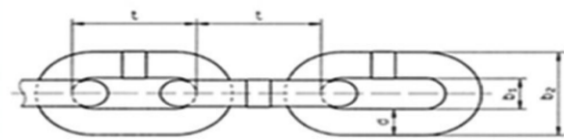
Size		Inside Length			Inside Width	Outside Width	Length per 11 links			Weight perm
mm	mm	mm	±mm	mm	mm	mm	mm	kg	kg	kg
2	0.2	12	0.2	0.2	3.5	7.5	132	1.0	0.5	0.07
3	0.2	16	0.2	0.2	4.2	11	176	1.4	0.7	0.16
4	0.2	16	0.3	0.2	5	13.7	176	2.1	1.1	0.32
5	0.2	18.5	0.4	0.2	6	17	203.5	2.4	1.2	0.50
6	0.2	18.5	0.4	0.2	7.2	20.2	203.5	2.4	1.2	0.80
7	0.3	22	0.4	0.2	8.4	23.8	242	3.0	1.4	1.10
8	0.3	24	0.4	0.2	9.6	27.2	264	3.2	1.5	1.40
9	0.4	27	0.5	0.3	10.8	30.6	297	3.6	1.8	1.80
10	0.4	28	0.5	0.3	12	34	308	3.7	1.9	2.20
11	0.4	31	0.5	0.3	13.2	37.4	341	4.0	2.0	2.70
12	0.3	36	0.6	0.3	14.4	4.08	396	4.4	2.2	3.10
13	0.5	36	0.6	0.3	15.6	44.2	396	4.6	2.4	3.80
14	0.6	41	0.7	0.4	16.8	47.56	451	5.4	2.7	4.40
16	0.6	45	0.8	0.4	19.2	54.4	495	6.0	3.0	5.70
18	0.9	50	0.8	0.4	21.6	61.2	550	6.6	3.3	7.30
19	0.4	53	0.9	0.4	22.8	64.4	583	7.0	3.7	7.97
20	1.0	56	1.0	0.5	24	68	616	7.4	3.7	9.00
22	1.2	62	1.1	0.5	26.4	75	682	8.0	4.0	11.00
23	1.2	64	1.1	0.5	27.6	78.2	704	8.4	4.2	12.00
26	1.3	73	1.2	0.6	1.2	88.4	803	9.6	4.8	15.00
28	1.4	78	1.3	0.65	33.8	952	858	10.2	5.1	18.00
30	1.5	84	1.4	0.7	41	102	924	11.0	5.5	19.50
32	1.6	90	1.5	0.75	43	108.8	990	11.8	5.9	23.00

DIN 5687 LINK CHAIN

Specifications

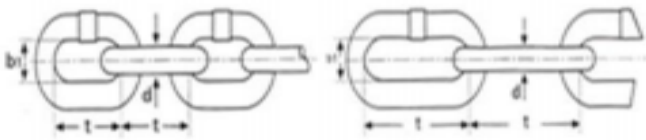
Size(mm)		Pitch(mm)		Inside Width	Outside Width	weight per meter(kg/m)	Break load
D	Tolerance	T	Tolerance	b1(mm)	b2(mm)		
6	±0.2	18	±0.5	8	21.6	0.8	45.22
8	±0.3	24	±0.7	10.8	28.8	1.4	80.38
10	±0.4	30	±0.9	13.5	36	2.2	125.60
13	±0.5	39	±1.2	17.5	46.8	3.8	212.26
16	±0.6	48	±1.4	21.5	57.6	5.7	321.54
18	±0.9	54	±1.6	24.3	64.8	7.3	406.94
20	±1	60	±1.8	27	72	9	502.40
22	±1.1	66	±2	29.5	79.2	10.9	607.90
26	±1.3	78	±2.3	35	93.6	15.2	849.06
28	±1.4	84	±2.5	37.8	100.8	17.6	984.06

DIN 5684 LINK CHAIN



Diameter and Tolerance	Pitch and Tolerance	Inside Width(min.)	Outside Width(max.)	weight	Quality	Working load for power driven lifting appliances	Working load for hand operated hoists	Proof force	Breaking force
d(mm)	t(mm)	bi(mm)	ba(mm)	kg/m	grade	kg(max.)	kg(max.)	kN(min.)	kN(min.)
6±0.2	18+0.25 -0.1	7.2	20.2	0.8	5 6	600 750	750 900	15 18	30 37.5
7±0.3	21+0.3 -0.15	8.4	23.6	1.1	5 6	800 1000	1000 1250	20 25	40 50
8±0.3	24+0.3 -0.15	9.6	27	1.4	5 6	1000 1250	1250 1600	25 32	50 63
9±0.4	27+0.35 -0.2	10.8	30.4	1.8	5 6	1250 1600	1600 2000	32 40	63 80
10±0.4	28+0.35 -0.2	12	34	2.2	5 6	1600 2000	2000 2500	40 50	80 100
11±0.4	31+0.4 -0.2	13.2	37.4	2.7	5 6	2000 2500	2500 3000	50 60	100 125
14±0.6	41+0.5 -0.3	16.8	47.6	4.4	5 6	3200 4000	4000 5000	80 100	160 200
16±0.6	45+0.6 -0.3	19.2	54.4	5.7	5 6	4000 5000	5000 6300	100 125	200 250
18±0.9	50+0.65 -0.3	21.6	61.2	7.3	5 6	5000 8000	6300 8000	125 160	250 320

DIN 5685 LINK CHAIN



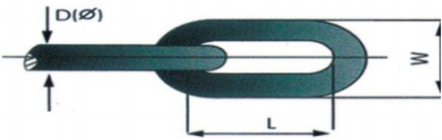
Specifications

Nominal diameter		Pitch		Width(min.)	Strain load	weight	Type of link
d	tolerance	t	tolerance	b1(min)	KN	kg/100m	
2	±0.1	12	±0.6	3.6	0.2	7	A Short 6
		22	±1.1			6	C Long
2.5	±0.12	14	±0.7	4.5	0.32	11	A Short
		24	±1.2			10	C Long
3	±0.15	16	±0.8	5.4	0.45	16.5	A Short
		26	±1.3			15	C Long
3.5	±0.2	18	±0.9	6.3	0.63	22.4	A Short
		28	±1.4			20	C Long
4	±0.2	19	±1	7.2	0.8	30	A Short
		32	±1.6			27	C Long
4.5	±0.23	20	±1	8.1	1	39.5	A Short
		34	±1.7			35	C Long
5	±0.25	21	±1.1	9	1.25	50	A Short
		35	±1.8			43	C Long
6	±0.3	24	±1.2	10.8	1.6	73	A Short
		42	±2.1			63	C Long
7	±0.35	28	±1.4	12.6	2.5	100	A Short
		49	±2.5			86	C Long
8	±0.4	32	±1.6	14.4	3.2	130	A Short
		52	±2.6			110	C Long
10	±0.5	40	±2	18	5	205	A Short
		65	±2.5			175	C Long
12	±0.6	48	±2.4	21.6	7.1	290	A Short
		78	±3.9			255	C Long
13	±0.65	52	±2.6	23.4	8	345	A Short
		82	±4.1			295	C Long

BRITISH STANDARD CHAIN

E

short link chain



Link specification				Proof load	Breaking load	KG/200 NET WT PER 200FT(KG)	
Diameter (D)		Inside Length (L)	Outside Width(max.)				
INCH	MM	MM	MM	KG	KG	B.F.	H.D.G.
1/8	3.20	16	12	200	400	11.4	11.7
5/32	4.00	18.5	14.5	300	600	18.6	19.0
3/16	4.70	19	17	400	800	26.2	27.0
7/32	5.50	20	19	550	1100	36.8	38.0
1/4	6.35	22	21	750	1500	50	51.5
5/16	7.94	26	26	1200	2400	80	82.4
3/8	9.50	28	32	1700	3400	122	125.7
7/16	11.11	33	36	2300	4600	164	169.0
1/2	12.70	39	43	3000	6000	210	216.0
5/8	15.80	45	53	4700	9400	334	344.0
3/4	19.00	55	63	6800	13600	485	499.0
7/8	22.20	64	74	9250	18500	656	675.0
1	25.40	73	84	12150	24300	870	896.0

medium link chain

Link specification				Test load	Breaking load	KG/200 NET WT PER 200FT(KG)	
D		L	W				
in	MM	MM	MM	KG	KG	B.F.	H.D.G.
1/8	3.20	20	12	200	400	10.8	11
5/32	4.00	23	15	300	600	17.4	18
3/16	4.70	25	18	400	800	24.4	25
7/32	5.50	26	19	550	1100	34	35
1/4	6.35	26	23	750	1500	48.8	50
5/16	7.94	32	29	1200	2400	76	78
3/8	9.50	35	35	1700	3400	111	114
7/16	11.11	38	38	2300	4600	154	158
1/2	12.70	50	45.5	3000	6000	194	200
5/8	15.80	60	56.7	4700	9400	303	312
3/4	19.00	76	69	6800	13600	432	445

Long link chain

Link specification				Proof load	Breaking load	KG/200 NET WT PER 200FT(KG)	
Diameter (D)		Inside Length (L)	Outside Width				
INCH	MM	MM	MM	KG	KG	B.F.	H.D.G.
1/8	3.20	23	12	200	400	10.4	10.7
5/32	4.00	27	15	300	600	16.6	17.5
3/16	4.70	31	17	400	800	22.4	23.3
7/32	5.50	32	19	550	1100	32	33
1/4	6.35	33	21	750	1500	43.5	44.8
5/16	7.94	48	31	1200	2400	68	70
3/8	9.50	60	37	1700	3400	96	99
7/16	11.11	71	41	2300	4600	126	129
1/2	12.70	85	48.5	3000	6000	167	172
5/8	15.80	114	61.5	4700	9400	256	264
3/4	19.00	125	75	6800	13600	381	392
7/8	22.20	140	88	9250	18500	527	543
1	25.40	155	100	12150	24300	696	716



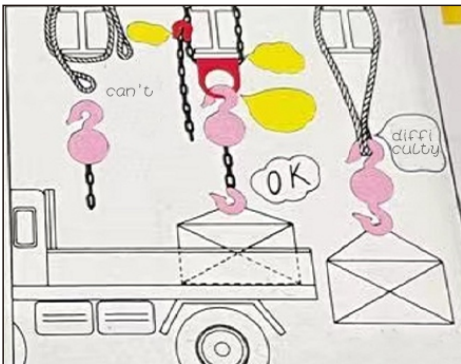
Chain Sling

JTCS Chain Sling

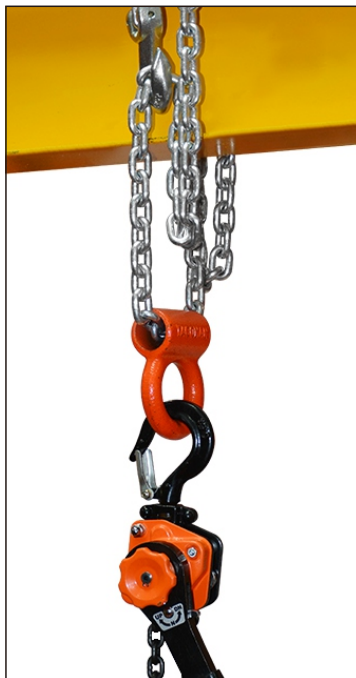


- Can be used as a trolley.
- Solve the hanging issue of hoist , simple and convenient
- Load capacity 1 ton

- You can hang chain block very easy
- You can use it perfectly on any type of surface.



Example of use



JTWC Wire Rope Sling



- A special fixture for wire rope is developed to adapt to the combined use of chain hoist and wire rope hoist.
- Can be easily fixed anywhere on the wire rope.
- After threading the wire rope, it can be firmly clamped with just one pull.
- The unique groove mechanism is adopted, which will not damage the wire rope at all.
- When used in combination with a lever hoist, it can improve work efficiency and is especially economical.



Model	Capacity(t)	N.W.(kg)	Size (mm)
JTWC-10	1	0.9	6-10
JTWC-14	2	2	12-14
JTWC-20	3	4.8	16-20

G80 TOWING CHAIN



Chain Size	Length	LC	Weight
mm	m	kg	kg
8	3.5	4000	5.71
10	3.5	6250	9.43
13	3.5	10600	15.83

ONE LEG CHAIN SLING



Chain Size (mm)	Straight Lift (t)	Single Leg in Basket Hitch(back hooked nto top link) (t)	Choke Hitch (t)	Basket Hitch (t)
7mm	1. 5	1. 5	1. 2	2. 1
8mm	2. 0	2.0	1. 6	2. 8
10mm	3.15	3.15	2.5	4.25
13mm	5.3	5.3	4.2	7.5
16mm	8.0	8.0	6.4	11.2
20mm	12.5	12.5	10.0	17.0
22mm	15.0	15.0	12.0	21.2
26mm	21.2	21.2	17.0	30.0
32mm	31.5	31.5	25.2	45.0

GRADE 80 – SINGLE AND DOUBLE LEG(S) CHAIN SLINGS

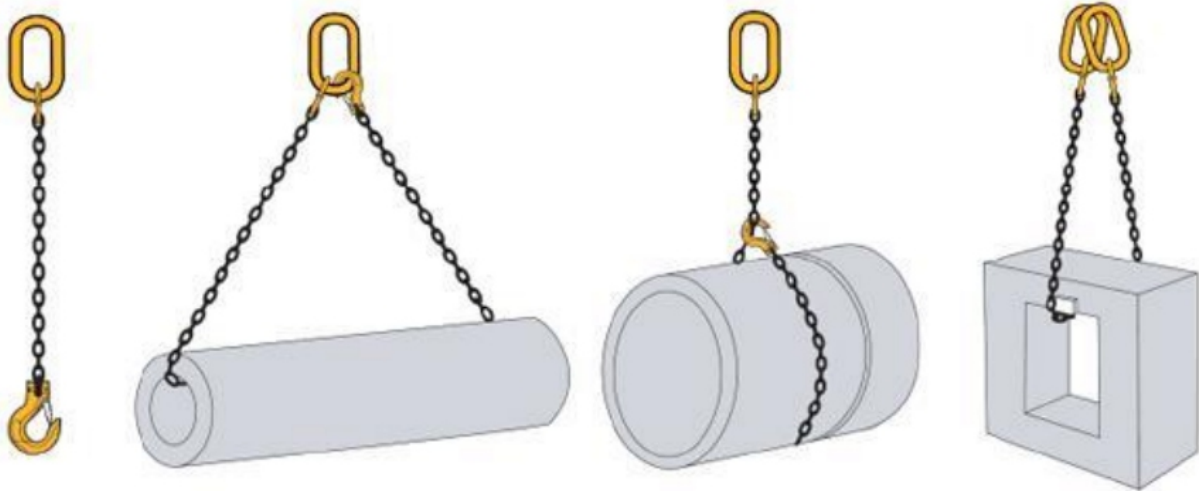
GRADE 80 SINGLE LEG SLING WITH CLEVIS SLING HOOK

SINGLE LEG	Chain Size(mm)	7	7	7	8	8	8	10	10	10
	Effective Length (mtr)	1	2	2	1	2	3	1	2	3
	WLL No Deration (kg)	1500	1500	1500	2000	2000	2000	3200	3200	3200



GRADE 80 DOUBLE LEG SLING WITH CLEVIS SLING HOOK

DOUBLE LEGS	Chain Size(mm)	7	7	7	8	8	8	8	8	10	10	10	10	10	13	13	13	13
	Effective Length (mtr)	1	2	3	1	2	3	4	6	1	2	3	4	6	1	2	3	4
	WLL @ 60° No Deration (kg)	2600	2600	2600	3500	3500	3500	3500	3500	5500	5500	5500	5500	5500	9200	9200	9200	9200



TWO LEGS CHAIN SLING

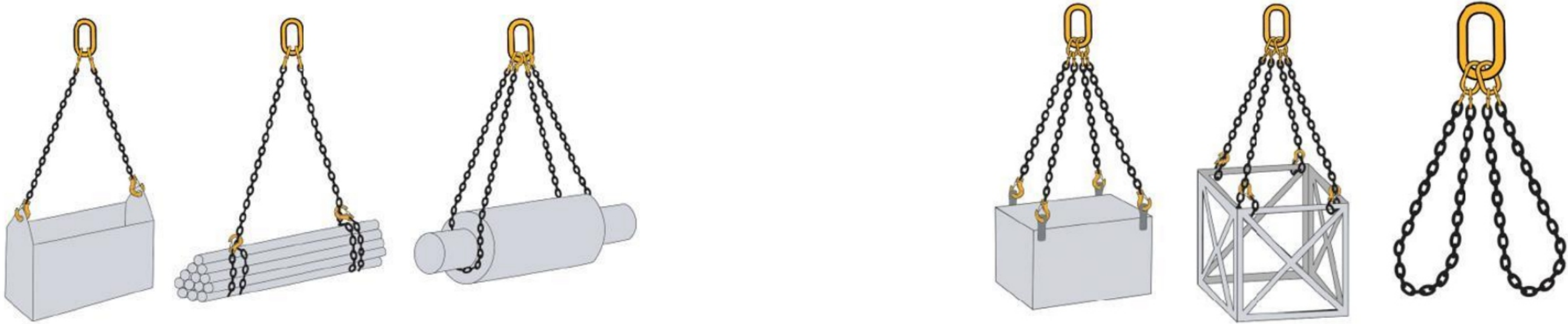


Chain Size(mm)	Straight Lift (t)		Choke Hitch (t)		Double Basket (t)	
	0-45	45-60	0-45	45-60	0-45	45-60
7mm	2.1	1.5	1.6	1.2	2.1	1.5
8mm	2.8	2.0	2.2	1.6	2.8	2.0
10mm	4.25	3.15	3.4	2.5	4.25	3.15
13mm	7.5	5.3	6.0	4.2	7.5	5.3
16mm	11.2	8.0	9.0	6.4	11.2	8.0
20mm	17.0	12.5	13.6	10.0	17.0	12.5
22mm	21.2	15	17	12	21.2	15
26mm	30	21.2	24	17	30.0	21.2
32mm	45	31.5	36	25.2	45.0	31.5

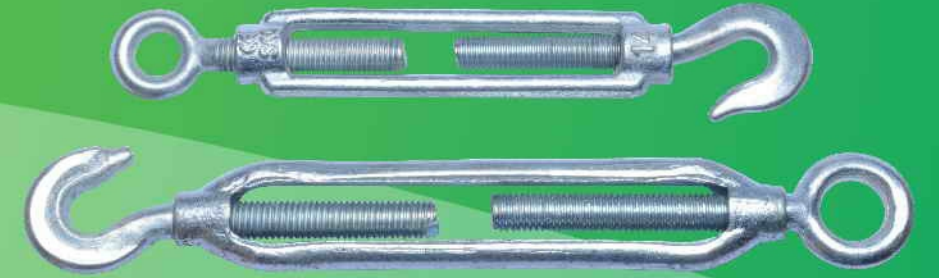
THREE / FOUR LEGS CHAIN SLING



Chain Size(mm)	Straight Lift (t)		Choke Hitch (t)		Double Basket (t)	
	0-45	45-60	0-45	45-60	0-45	45-60
7mm	3.1	2.2	2.5	1.7	3.1	2.2
8mm	4.2	3.0	3.3	2.4	4.2	3.0
10mm	6.7	4.75	5.3	3.8	6.7	4.75
13mm	11.2	8.0	8.9	6.4	11.2	8.0
16mm	17.0	11.8	13.6	9.4	17.0	11.8
20mm	26.5	19.0	21.2	15.2	26.5	19.0
22mm	31.5	22.4	25.2	17.9	31.5	22.4
26mm	45	31.5	36	25.2	45	31.5
32mm	67	47.5	53.6	38	67	47.5



RIGGING ITEMS



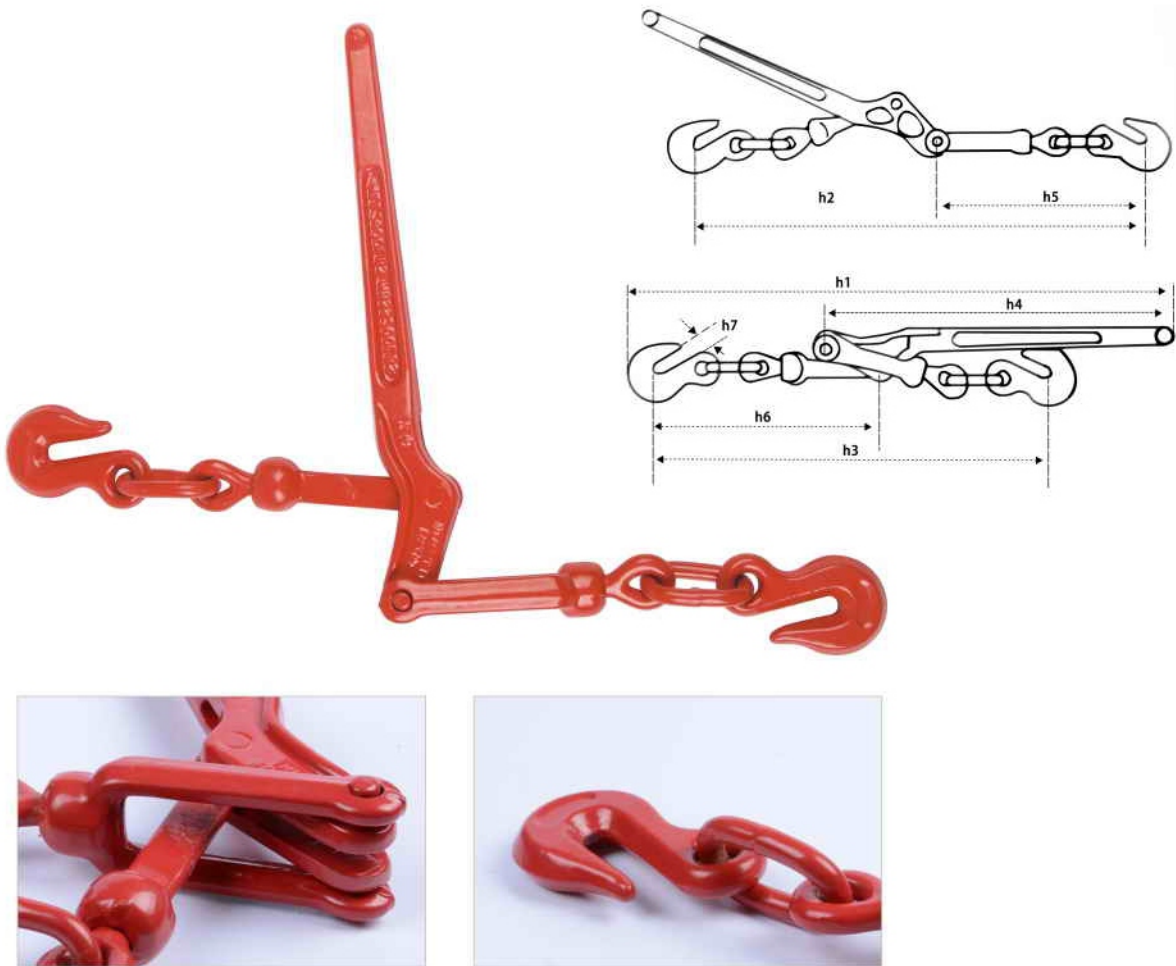
JenTan

JTLB-B Forged Lever Load Binder

Product introduction

Technical specialties

- Made from quenched and tempered allow steel.
- Extra heavy construction at leverage point to prevent spreading Heel of binder toggles away from load , permintting easy release.
- Ball and socket swivel joints at hook assemblies permit a straight line pull.
- Free 360 degree swivel hooks for easier handing.



Specifications

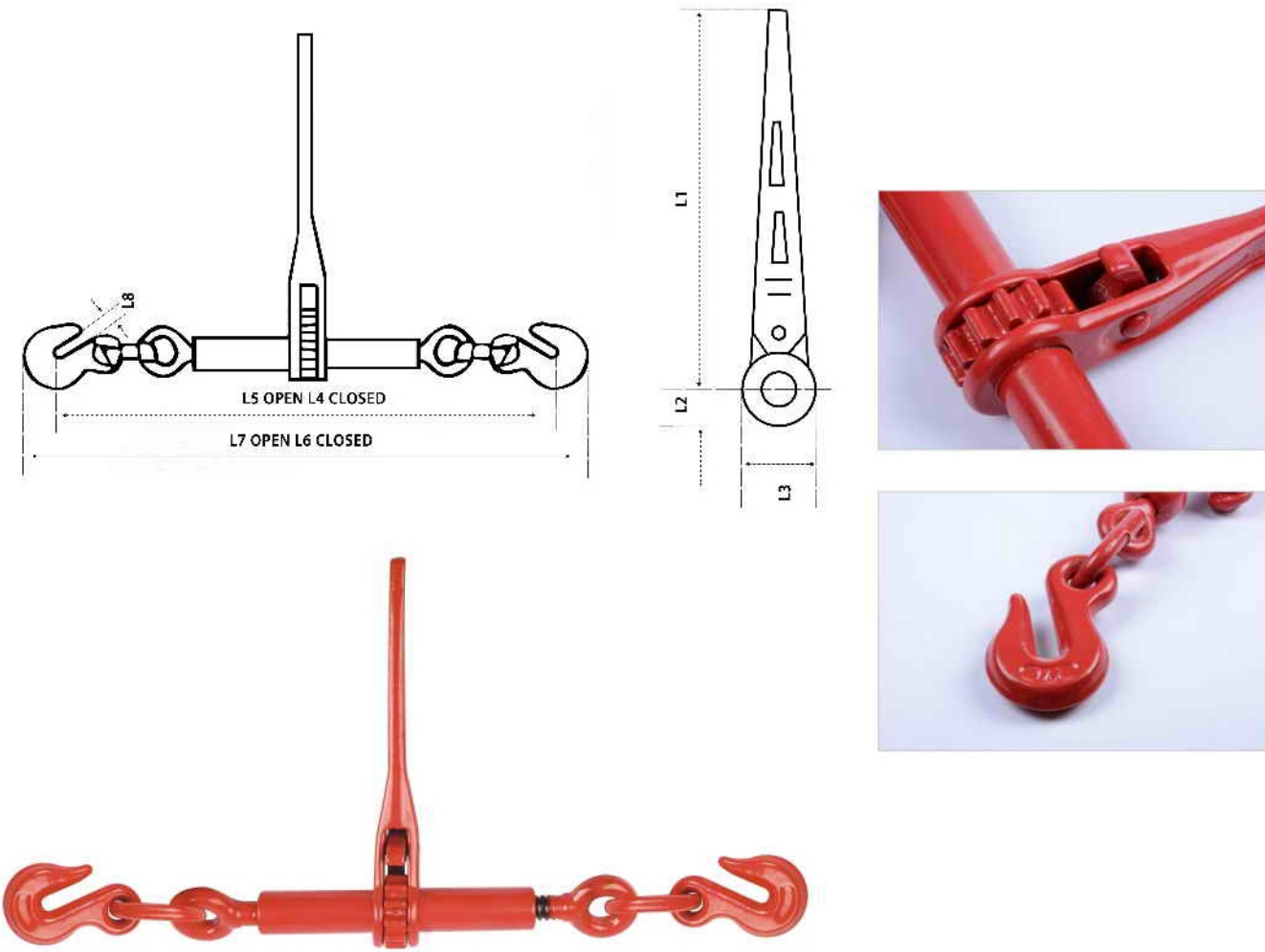
Model	Min-Max Chain Size (in)	Working Load Limit (lbs)	Proof Load(lbs)	Minimum Ultimate Load (lbs)	Weight/Each (lbs)	Handle Length (in)	Dimensions(in)						
							h1	h2	h3	h4	h5	h6	h7
JTLB-B01	1/4-5/16	2200	4400	7800	1.6	11.42	18.5	17.3	14.17	11.42	8.27	8.07	0.35
JTLB-B02	5/16-3/8	5400	10800	19000	4.773	15.43	25.2	23.2	19.49	15.55	11.22	11.22	0.51
JTLB-B03	3/8-1/2	6600	10800	19800	4.891	17.24	28.5	26.38	22.05	17.64	12.99	12.2	0.59
JTLB-B04	3/8-1/2	9200	18400	33000	5.864	17.24	28.5	26.38	22.05	17.64	12.99	12.2	0.59
JTLB-B05	1/2-5/8	13000	26000	46000	6.536	21	33.86	30.12	25.87	20.87	14.37	14.37	0.74

JTLB-A Forged Ratchet Load Binder

Product introduction

Technical specialties

- Upgraded for use with grade 70,80 and 100 chain.
- One piece forged handle.
- Continous take-up features provides finite adjustment to tie down load.
- Each binder individually proof tested.
- Easy operation positive ratchet.

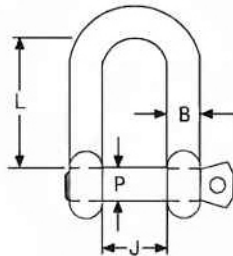


Specifications

Model	Min-Max Chain Size (in)	Working Load Limit (lbs)	Proof Load (lbs)	Minimum Ultimate Load (lbs)	Weight/Each (lbs)	Handle Length(in)	Dimensions(in)							
							L1	L2	L3	L4	L5	L6	L7	L8
JTLB-A08	1/4-5/16	2600	5200	9200	3.52	7.16	7.16	0.89	1.77	16.22	21.26	17.79	22.83	0.35
JTLB-A10	5/16-3/8	5400	10800	19000	10.5	13.92	13.92	1.3	2.6	22.64	30.64	25.25	33.24	0.51
JTLB-A13	3/8-1/2	9200	18400	33000	12.9	13.92	13.92	1.3	2.6	24.13	32.13	27.04	35.04	0.59
JTLB-A16	1/2-5/8	13000	26000	46000	14.38	13.92	13.92	1.3	2.6	26.45	34.45	30.07	38.07	0.74

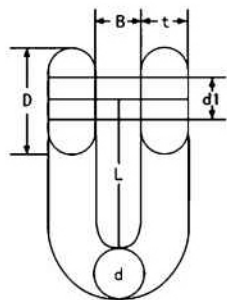
JTR-SE01
European D Shackle With Screw Pin

Product Code	Pin P(mm)	Body B(mm)	Jaw J(mm)	Inside L(mm)	Breaking Load*	Weight Each(g)
JTR-SE0101	4	4	8	16	800Kgs	7
JTR-SE0102	5	5	10	20	1500Kgs	13
JTR-SE0103	6	6	13	25	1950Kgs	24
JTR-SE0104	8	8	16	32	3000Kgs	53
JTR-SE0105	9.5	9.5	19	38	4800Kgs	97
JTR-SE0106	11	11	22	44	6000Kgs	152
JTR-SE0107	12.7	12.7	26	52	7500Kgs	237
JTR-SE0108	16	14.3	29	58	10000Kgs	450
JTR-SE0109	19	16	32	64	14000Kgs	585



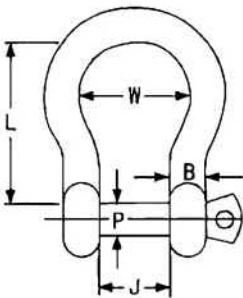
JTR-SE03
JIS Type Screw Pin Chain Shackle
With Counter Sunk Head

Product Code	Nominal Size		B	D	L	d1	SWL	
	(1)	(2)					(1)	(2)
JTR-SE0301	4.8	3/16	10	10	18.5	5	0.09	0.4
JTR-SE0302	6	1/4	12	11	25	6.5	0.15	0.028
JTR-SE0303	8	5/16	14	15	31	8.5	0.25	0.049
JTR-SE0304	9	3/8	18	17	36	10	0.4	0.049
JTR-SE0305	12	1/2	24	23	46	13	0.6	0.18
JTR-SE0306	16	5/8	30	32	59	17	0.8	0.42
JTR-SE0307	19	1/3	36	37	74	20	1	0.72
JTR-SE0308	22	7/8	43	43	86	23	1.5	1.18
JTR-SE0309	25	1	47	50	95	27	2.00	1.8
JTR-SE0310	28	8/11	55	56	110	30	2.5	2.5
JTR-SE0311	32	4/11	64	64	130	34	3.2	3.7
JTR-SE0312	38	2/11	76	76	145	40	4.2	6.1
JTR-SE0313	44	4/13	80	90	160	47	6.5	-
JTR-SE0314	50	2	100	100	185	53	8	-
JTR-SE0315	65	2/21	110	130	240	68	15	-
JTR-SE0316	75	3	120	150	300	78	20	-



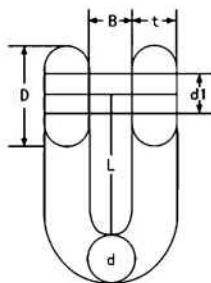
JTR-SE02
European Type Large Bow Shackle

Product Code	Pin P(mm)	Body B(mm)	Jaw J(mm)	Inside L(mm)	Breaking Load*	Weight Each(g)
JTR-SE0201	4	4	8	16	800	7
JTR-SE0202	5	5	10	20	1500	13
JTR-SE0203	6	6	13	25	1950	24
JTR-SE0204	8	8	16	32	3000	53
JTR-SE0205	9.5	9.5	19	38	4800	97
JTR-SE0206	11	11	22	44	6000	152
JTR-SE0207	12.7	12.7	26	52	7500	237
JTR-SE0208	16	14.3	29	58	10000	450
JTR-SE0209	19	16	32	64	14000	585



JTR-SE04
Jis Shackle Commercial Type

Product Code	Nominal Size		B	D	L	d1	SWL	
	(1)	(2)					(1)	(2)
JTR-SE0401	4.8	3/16	10	10	18.5	5	0.09	0.026
JTR-SE0402	6	1/4	12	11	25	6.5	0.15	0.028
JTR-SE0403	8	5/16	14	15	31	8.5	0.25	0.065
JTR-SE0404	9	3/8	18	17	36	10	0.4	0.08
JTR-SE0405	12	1/2	24	23	46	13	0.6	0.2
JTR-SE0406	16	5/8	30	32	59	17	0.8	0.495
JTR-SE0407	19	1/3	36	37	74	20	1	0.8
JTR-SE0408	22	7/8	43	43	86	23	1.5	1.26
JTR-SE0409	25	1	47	50	95	27	2	1.9
JTR-SE0410	28	8/11	55	56	110	30	2.5	2.65
JTR-SE0411	32	4/11	64	64	130	34	3.2	4
JTR-SE0412	38	2/11	76	76	145	40	4.2	7
JTR-SE0413	44	4/13	80	90	160	47	6.5	-
JTR-SE0414	50	2	100	100	185	53.0	8	-
JTR-SE0415	65	2/21	110	130	240	68	15	-
JTR-SE0416	75	3	120	150	300	78	20	-



JTR-SE05
U.S. BS3020 Large Bow / Dee Shackle

Product Code		Size (mm)	W. L. L (kgs)	Pin Dia. (mm)	1. L. (mm)	BOW (Kg/pc)	Dee (Kg/pc)
BOW	Dee						
JTR-SE050101	JTR-SE050201	6	150	10	29	0.11	0.1
JTR-SE050102	JTR-SE050202	10	450	12	41	0.17	0.18
JTR-SE050103	JTR-SE050203	12	750	16	54	0.35	0.33
JTR-SE050104	JTR-SE050204	16	1250	20	70	0.66	0.63
JTR-SE050105	JTR-SE050205	20	2000	22	86	1.02	0.98
JTR-SE050106	JTR-SE050206	22	2750	25	98	1.57	1.5
JTR-SE050107	JTR-SE050207	25	3750	28	108	2.3	2.18
JTR-SE050108	JTR-SE050208	28	4750	32	124	3.2	3.02
JTR-SE050109	JTR-SE050209	32	5750	35	137	4.3	4.05
JTR-SE050110	JTR-SE050210	38	8500	44	168	6.8	6.4
JTR-SE050111	JTR-SE050211	45	11500	51	206	11	10.3
JTR-SE050112	JTR-SE050212	50	15000	57	238	20	19.1

JTR-SE06
DIN82101 Shackle Form A

Product Code 82101 A	Nominal Size	W. L. L (Kgs)	Form A Kg/pc	Dimensions(mm)						
				d1	d2	d3	d4	d5	b2	h2
JTR-SE0601	0.1	100	0.02	4	5	10	M 5	5	7	15.5
JTR-SE0602	0.16	160	0.02	5	6	12	M 6	6	8	18
JTR-SE0603	0.25	250	0.05	7	8	16	M 8	8	11	24
JTR-SE0604	0.4	400	0.09	8	10	20	M10	10	14	30
JTR-SE0605	0.6	630	0.17	10	12	24	M12	12	17	36
JTR-SE0606	1	1000	0.36	13	16	32	M16	15	21	49
JTR-SE0607	1.6	1600	0.75	17	20	40	M20	19	27	61
JTR-SE0608	2	2000	1.00	19	22	44	M22	21	30	67
JTR-SE0609	2.5	2500	1.32	21	24	48	M24	23	33	73
JTR-SE0610	3	3150	1.85	24	27	54	M27	26	38	83.5
JTR-SE0611	4	4000	2.5	27	30	60	M30	29	42	91
JTR-SE0612	5	5000	4.00	30	36	72	M36	33	47	111
JTR-SE0613	6	6300	5.4	34	39	78	M39	37	53	119.5
JTR-SE0614	8	8000	7.9	38	45	90	M45	41	60	139,5
JTR-SE0615	10	10000	10	42	48	96	M48	45	66	147.5
JTR-SE0616	12	12500	13.5	47	52	104	M52	50	73	158
JTR-SE0617	16	16000	19.2	52	60	120	M60	55	81	185
JTR-SE0618	20	20000	28.00	58	68	136	M68	61	90	211
JTR01-S0719	25	25000	34	63	72	144	M72	67	100	221
JTR01-S0720	-	31500	-	70	80	160	M80	74	110	246
JTR01-S0721	-	40000	-	79	90	180	M90	84	125	276

JTR-SE07
DIN82101 Shackle Form C

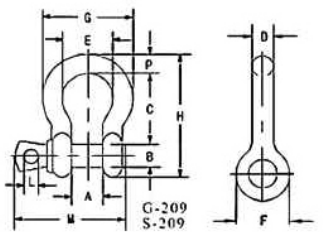
Product Code 82101 C	Nominal Size	W. L. L (Kgs)	Form C Kg/pc	Dimensions(mm)						
				d1	d2	d3	d4	d5	b2	h2
JTR-SE0701	-	100	-	4	5	10	M 5	5	7	15.5
JTR-SE0702	-	160	-	5	6	12	M 6	6	8	18.00
JTR-SE0703	-	250	-	7	8	16	M 8	8	11	24
JTR-SE0704	0.4	400	0.1	8	10	20	M10	10	14	30
JTR-SE0705	0.6	630	0.18	10	12	24	M12	12	17	36
JTR-SE0706	1	1000	0.39	13	16	32	M16	15	21	49
JTR-SE0707	1.6	1600	0.8	17	20	40	M20	19	27	61
JTR-SE0708	2	2000	1.08	19	22	44	M22	21	30	67
JTR-SE0709	2.5	2500	1.4	21	24	48	M24	23	33	73
JTR-SE0710	3	3150	2.00	24	27	54	M27	26	38	83.5
JTR-SE0711	4	4000	2.7	27	30	60	M30	29	42	91
JTR-SE0712	5	5000	4.3	30	36	72	M36	33	47	111
JTR-SE0713	6	6300	5.8	34	39	78	M39	37	53	119.5
JTR-SE0714	8	8000	8.5	38	45	90	M45	41	60	139,5
JTR-SE0715	10	10000	10.8	42	48	96	M48	45	66	147.5
JTR-SE0716	12	12500	14.4	47	52	104	M52	50	73	158
JTR-SE0717	16	16000	20.5	52	60	120	M60	55	81	185
JTR-SE0718	20	20000	29.5	58	68	136	M68	61	90	211
JTR-SE0719	25	25000	36	63	72	144	M72	67	100	221
JTR-SE0720	32	31500	49.5	70	80	160	M80	74	110	246
JTR-SE0721	40	40000	69	79	90	180	M90	84	125	276

JTR-SE08
European Chain Shackle
With Square Head Screw Pin

Product Code	SWL Tone	D (mm)	d (mm)	a (mm)	c (mm)	e (mm)	Weight Each (kg)
JTR-SE0801	0.2	8	8	16	32	18	7
JTR-SE0802	0.3	10	10	20	38	20	13.4
JTR-SE0803	0.5	12	12	25	51	26	25
JTR-SE0804	0.8	16	16	32	63	33	53
JTR-SE0805	1.1	20	20	38	76	40	92
JTR-SE0806	1.5	22	22	45	88	50	140
JTR-SE0807	2	25	25	51	102	57	215
JTR-SE0808	2.6	28	28	57	114	68	300
JTR-SE0809	3.8	32	32	63	127	73	455
JTR-SE0810	4.5	38	38	76	152	85	760

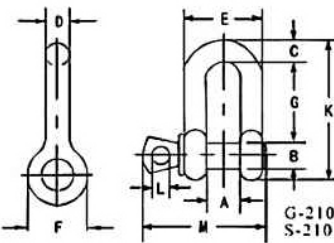
JTR-SE09
U.S. Screw Pin Anchor Bow Shackles

Product Code	Weight each	Nominal Size	WWL	Dimensions(mm)										
209	(kg)	(in.)	(t)	A	B	C	D	E	F	G	H	L	M	P
JTR-SE0901	0.03	3/16	1/3	9.65	6.35	22.4	4.85	15.2	14.2	24.9	37.3	4.06	28.4	4.85
JTR-SE0902	0.05	1/4	½	11.9	7.85	28.7	6.35	19.8	15.5	32.5	46.7	4.85	35.1	6.35
JTR-SE0903	0.09	5/16	3/4	13.5	9.65	31	7.85	21.3	19.1	37.3	53	5.6	42.2	7.85
JTR-SE0904	0.14	3/8	1	16.8	11.2	36.6	9.65	26.2	23.1	45.2	63	6.35	51.5	9.65
JTR-SE0905	0.17	7/16	1-1/2	19.1	12.7	42.9	11.2	29.5	26.9	51.5	74	7.85	60.5	11.2
JTR-SE0906	0.33	½	2	20.6	16	47.8	12.7	33.3	30.2	58.5	83.5	9.65	68.5	12.7
JTR-SE0907	0.62	5/8	3-1/4	26.9	19.1	60.5	16	42.9	38.1	74.5	106	11.2	85	17.5
JTR-SE0908	1.07	3/4	4-3/4	31.8	22.4	71.5	19.1	51	46	89	126	12.7	101	20.6
JTR-SE0909	1.64	7/8	6-1/2	36.6	25.4	84	22.4	58	53	102	148	12.7	114	24.6
JTR-SE0910	2.28	1	8-1/2	42.9	28.7	95.5	25.4	68.5	60.5	119	167	14.2	129	26.9
JTR-SE0911	3.36	1-1/8	9-1/2	46	31.8	108	29.5	74	68.5	131	190	16	142	31.8
JTR-SE0912	4.31	1-1/4	12	51.5	35.1	119	32.8	82.5	76	146	210	17.5	156.0	35.1
JTR-SE0913	6.14	1-3/8	13-1/2	57.00	38.1	133	36.10	92	84.0	162	233	19.1	174	38.1
JTR-SE0914	7.8	1-1/2	17	60.5	41.4	146	39.1	98.5	92	175	254	20.6	187	41.1
JTR-SE0915	12.6	1-3/4	25	73	51	178	46.7	127	106	225	313	25.40	231	57
JTR-SE0916	20.4	2	35	82.5	57	197	53.00	146	122	253	348	31	263	61
JTR-SE0917	38.9	2-1/2	55	105	70	267	69	184	145	327	453	35.1	330	-



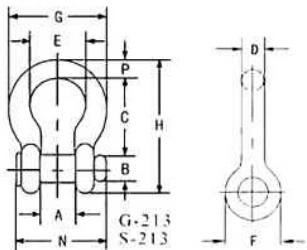
JTR-SE11
U.S. Screw Pin Chain Bow Shackles

Product Code	Weight each	Nominal Size	WWL	Dimensions(mm)										
210	(kg)	(in.)	(t)	A	B	C	D	E	F	G	H	L	M	P
JTR-SE1101	-	3/16	1/3	9.65	6.35	22.4	4.85	15.2	14.2	24.9	37.3	4.06	28.4	4.85
JTR-SE1102	0.05	1/4	½	11.9	7.85	28.7	6.35	19.8	15.5	32.5	46.7	4.85	35.1	6.35
JTR-SE1103	0.08	5/16	3/4	13.5	9.65	31	7.85	21.3	19.1	37.3	53	5.6	42.2	7.85
JTR-SE1104	0.13	3/8	1	16.8	11.2	36.6	9.65	26.2	23.1	45.2	63	6.35	51.5	9.65
JTR-SE1105	0.2	7/16	1-1/2	19.1	12.7	42.9	11.2	29.5	26.9	51.5	74	7.85	60.5	11.2
JTR-SE1106	0.27	½	2	20.6	16	47.8	12.7	33.3	30.2	58.5	83.5	9.65	68.5	12.7
JTR-SE1107	0.57	5/8	3-1/4	26.9	19.1	60.5	16	42.9	38.1	74.5	106	11.2	85	17.5
JTR-SE1108	1.2	3/4	4-3/4	31.8	22.4	71.5	19.1	51	46	89	126	12.7	101	20.6
JTR-SE1109	1.43	7/8	6-1/2	36.6	25.4	84	22.4	58	53	102	148	12.7	114	24.6
JTR-SE1110	2.15	1	8-1/2	42.9	28.7	95.5	25.4	68.5	60.5	119	167	14.2	129	26.9
JTR-SE1111	3.06	1-1/8	9-1/2	46	31.8	108	29.5	74	68.5	131	190	16	142	31.8
JTR-SE1112	4.11	1-1/4	12	51.5	35.1	119	32.8	82.5	76	146	210	17.5	156.0	35.1
JTR-SE1113	5.28	1-3/8	13-1/2	57.00	38.1	133	36.10	92	84.0	162	233	19.1	174	38.1
JTR-SE1114	7.23	1-1/2	17	60.5	41.4	146	39.1	98.5	92	175	254	20.6	187	41.1
JTR-SE1115	12.1	1-3/4	25	73	51	178	46.7	127	106	225	313	25.40	231	57
JTR-SE1116	19.2	2	35	82.5	57	197	53.0	146	122	253	348	31	263	61
JTR-SE1117	32.5	2-1/2	55	105	70	267	69	184	145	327	453	35.1	330	79.5



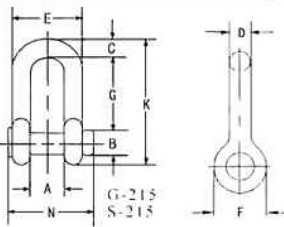
JTR-SE10
U.S. Screw Pin Chain D Shackles

Product Code	Weight Each	Nominal Size	WLL	Dimensions(mm)									
213	(kg)	(in.)	(t)	A	B	C	D	E	F	G	H	N	
JTR-SE1001	0.06	1/4	½	11.9	7.85	28.7	6.35	19.8	15.5	32.5	46.7	34	
JTR-SE1002	0.08	5/16	3/4	13.5	9.65	31	7.85	21.3	19.1	37.3	53	40.4	
JTR-SE1003	0.13	3/8	1	16.8	11.2	36.6	9.65	26.2	23.1	45.2	63	47.2	
JTR-SE1004	0.17	½	2	19.1	12.7	42.9	11.2	29.5	26.9	51.5	74	54	
JTR-SE1005	0.32	5/8	3-1/4	20.6	16	47.8	12.7	33.3	30.2	58.5	83.5	60.5	
JTR-SE1006	0.68	1	8-1/2	26.9	19.1	60.5	16	42.9	38.1	74.5	106	74	
JTR-SE1007	1.05	1-1/4	12	31.8	22.4	71.5	19.1	51	46	89	126	87	
JTR-SE1008	1.58	1-1/2	17	36.6	25.4	84	22.4	58	53	102	148	96.5	
JTR-SE1009	2.27	1-3/4	25	42.9	28.7	95.5	25.4	68.5	60.5	119	167	115	
JTR-SE1010	3.16	2	35	46	31.8	108	29.5	74	68.5	131	190	130	

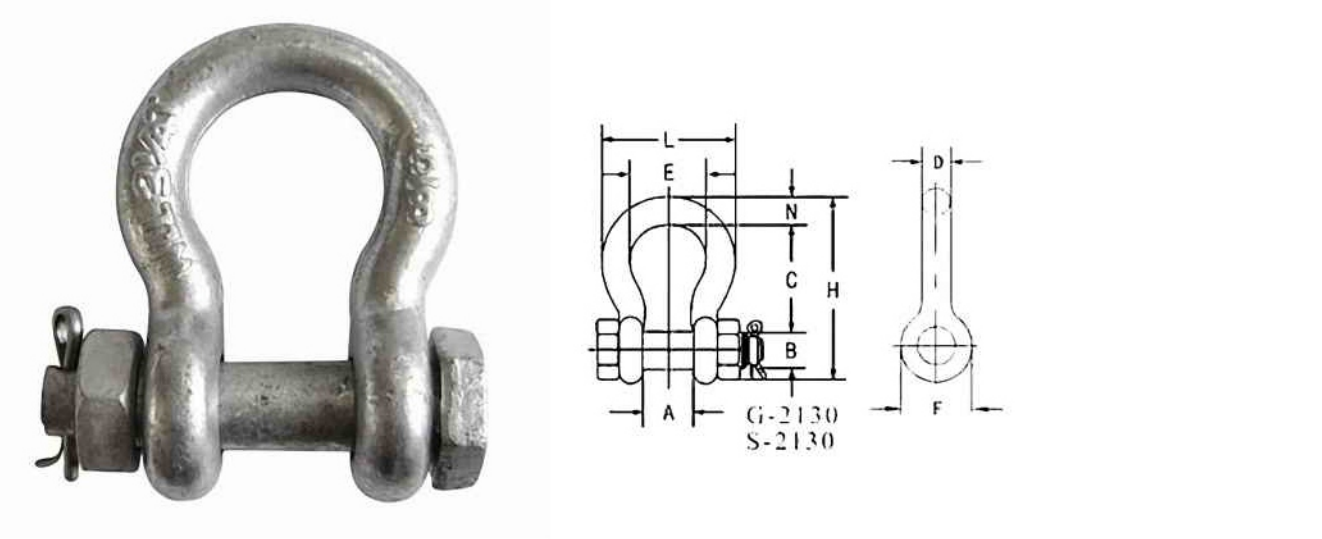


JTR-SE12
U.S. Round Pin Chain D Shackles

Product Code	Weight Each	Nominal Size	WLL	Dimensions(mm)									
215	(kg)	(in.)	(t)	A	B	C	D	E	F	G	H	N	
JTR-SE1201	0.05	1/4	½	11.9	7.85	28.7	6.35	19.8	15.5	32.5	46.7	34	
JTR-SE1202	0.08	5/16	3/4	13.5	9.65	31	7.85	21.3	19.1	37.3	53	40.4	
JTR-SE1203	0.13	3/8	1	16.8	11.2	36.6	9.65	26.2	23.1	45.2	63	47.2	
JTR-SE1204	0.2	½	2	19.1	12.7	42.9	11.2	29.5	26.9	51.5	74	54	
JTR-SE1205	0.27	5/8	3-1/4	20.6	16	47.8	12.7	33.3	30.2	58.5	83.5	60.5	
JTR-SE1206	0.57	1	8-1/2	26.9	19.1	60.5	16	42.9	38.1	74.5	106	74	
JTR-SE1207	1.2	1-1/4	12	31.8	22.4	71.5	19.1	51	46	89	126	87	
JTR-SE1208	1.43	1-1/2	17	36.6	25.4	84	22.4	58	53	102	148	96.5	
JTR-SE1209	2.15	1-3/4	25	42.9	28.7	95.5	25.4	68.5	60.5	119	167	115	
JTR-SE1210	3.06	2	35	46	31.8	108	29.5	74	68.5	131	190	130	



JTR-SE13
U.S. Bolt Type Anchor & Chain Bow Shackles



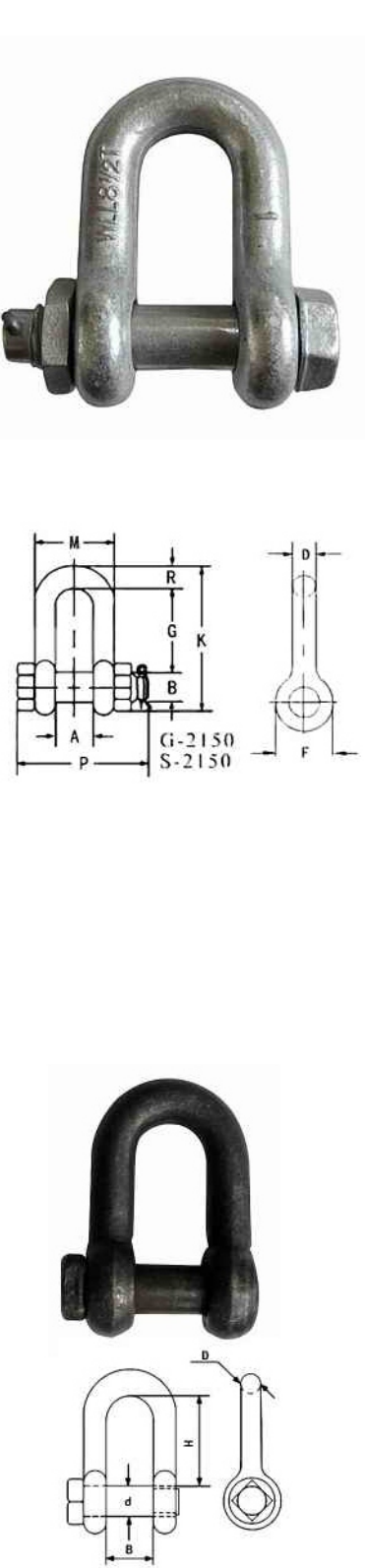
Product code	Weight each	Nominal Size	WWL	Dimensions(mm)										
2130	(kg)	(in)	(t)	A	B	C	D	E	F	G	H	L	M	P
JTR-SE1301	0.03	3/16	1/3	9.65	6.35	22.4	4.85	15.2	14.2	-	37.3	24.9	-	32.77
JTR-SE1302	0.05	1/4	½	11.9	7.85	28.7	6.35	19.8	15.5	19.05	46.7	32.5	15.49	39.62
JTR-SE1303	0.1	5/16	3/4	13.5	9.65	31	7.85	21.3	19.1	25.4	53	37.3	19.05	46.23
JTR-SE1304	0.15	3/8	1	16.8	11.2	36.6	9.65	26.2	23.1	30.99	63	45.2	23.11	55.12
JTR-SE1305	0.22	7/16	1 1/2	19.1	12.7	42.9	11.2	29.5	26.9	36.09	74	51.5	41.15	63.75
JTR-SE1306	0.36	½	2	20.6	16	47.8	12.7	33.3	30.2	41.04	83.5	58.5	45.97	71.12
JTR-SE1307	0.76	5/8	3 1/4	26.9	19.1	60.5	16	42.9	38.1	50.8	106	74.5	58.67	89.66
JTR-SE1308	1.23	3/4	4 3/4	31.8	22.4	71.5	19.1	51	46	60.45	126	89	69.85	103.38
JTR-SE1309	1.79	7/8	6 1/2	36.6	25.4	84	22.4	58	53	71.37	148	102	81.03	119.63
JTR-SE1310	2.57	1	8 1/2	42.9	28.7	95.5	25.4	68.5	60.5	81.03	167	119	93.73	134.87
JTR-SE1311	3.75	1-1/8	9 1/2	46	31.8	108	28.7	74	68.5	90.93	190	131	103.12	149.86
JTR-SE1312	5.31	1-1/4	12	51.5	35.1	119	31.8	82.5	76	100.08	210	146	115.06	165.35
JTR-SE1313	7.18	1-3/8	13 1/2	57	38.1	133	35.1	92	84	111.25	233	162	127	183.13
JTR-SE1314	9.43	1-1/2	17	60.5	41.4	146	38.1	98.5	92	122.17	254	175	136.05	196.34
JTR-SE1315	15.4	1-3/4	25	73	51	178	44.5	127	106	146.05	313	225	162.05	229.87
JTR-SE1316	23.7	2	35	82.5	57	197	51	146	122	171.45	348	253	184.15	264.41
JTR-SE1317	44.6	2-1/2	55	105	70	267	66.5	184	145	203.2	453	327	238.25	344.42
JTR-SE1318	70	3	85	127	82.5	330	76	200	165	215.9	546	365	279.4	419.1
JTR-SE1319	120	3-1/2	120	133	95.5	372	92	229	203	-	626	419	-	482.6
JTR-SE1320	153	4	150	140	108	368	104	254	229	-	653	468	-	-

JTR-SE14
U.S. Bolt Type Safety Chain D Shackles

Product code	Weight each	Nominal Size	WWL	Dimensions(mm)										
2150	(kg)	(in)	(t)	A	B	C	D	E	F	G	H	L	M	P
JTR-SE1401	-	3/16	1/3	9.65	6.35	22.4	4.85	15.2	14.2	-	37.3	24.9	-	32.77
JTR-SE1402	0.06	1/4	½	11.9	7.85	28.7	6.35	19.8	15.5	19.05	46.7	32.5	15.49	39.62
JTR-SE1403	0.1	5/16	3/4	13.5	9.65	31	7.85	21.3	19.1	25.4	53	37.3	19.05	46.23
JTR-SE1404	0.15	3/8	1	16.8	11.2	36.6	9.65	26.2	23.1	30.99	63	45.2	23.11	55.12
JTR-SE1405	0.22	7/16	1 1/2	19.1	12.7	42.9	11.2	29.5	26.9	36.09	74	51.5	41.15	63.75
JTR-SE1406	0.34	½	2	20.6	16	47.8	12.7	33.3	30.2	41.04	83.5	58.5	45.97	71.12
JTR-SE1407	0.67	5/8	3 1/4	26.9	19.1	60.5	16	42.9	38.1	50.8	106	74.5	58.67	89.66
JTR-SE1408	1.14	3/4	4 3/4	31.8	22.4	71.5	19.1	51	46	60.45	126	89	69.85	103.38
JTR-SE1409	1.74	7/8	6 1/2	36.6	25.4	84	22.4	58	53	71.37	148	102	81.03	119.63
JTR-SE1410	2.52	1	8 1/2	42.9	28.7	95.5	25.4	68.5	60.5	81.03	167	119	93.73	134.87
JTR-SE1411	3.45	1-1/8	9 1/2	46	31.8	108	28.7	74	68.5	90.93	190	131	103.1	149.86
JTR-SE1412	4.9	1-1/4	12	51.5	35.1	119	31.8	82.5	76	100.08	210	146	115.0	165.35
JTR-SE1413	6.24	1-3/8	13 1/2	57	38.1	133	35.1	92	84	111.25	233	162	127	183.13
JTR-SE1414	8.39	1-1/2	17	60.5	41.4	146	38.1	98.5	92	122.17	254	175	136.0	196.34
JTR-SE1415	14.2	1-3/4	25	73	51	178	44.5	127	106	146.05	313	225	162.0	229.87
JTR-SE1416	21.2	2	35	82.5	57	197	51	146	122	171.45	348	253	184.1	264.41
JTR-SE1417	38.6	2-1/2	55	105	70	267	66.5	184	145	203.2	453	327	238.2	344.42
JTR-SE1418	56	3	85	127	82.5	330	76	200	165	215.9	546	365	279.4	419.1
JTR-SE1419	-	3-1/2	120	133	95.5	372	92	229	203	-	626	419	-	482.6
JTR-SE1420	-	4	150	140	108	368	104	254	229	-	653	468	-	-

JTR-SE15
U.S. Trawing Shackle With Square Head Screw Pin(G2131)

Product Code	Nominal size	Working Load Limit	Weight Each	Dimensions(mm)					
	(in.)	(t)	(kg)	H	B	Diameter		Tolerance Plus/Minus	
JTR-SE1501	1/4	½	0.055	7/8	15/32	5/16	5/8	1/16	1/32
JTR-SE1502	5/16	3/4	0.064	1-1/32	½	3/8	3/4	1/16	1/32
JTR-SE1503	3/8	1	0.118	1-1/4	11/16"	7/16	29/32	1/8	1/16
JTR-SE1504	7/16	1 1/2	0.136	1-13/32	23/32	½	1-1-16	1/8	1/16
JTR-SE1505	½	2	0.223	1-5/8	13/16	5/8	1-3-16	1/8	1/16
JTR-SE1506	5/8	3 1/4	0.5	2	11/16	3/4	1-9-16	1/8	1/16
JTR-SE1507	3/4	4 3/4	1	2-3/8	1-1/4	7/8	1-7/8	1/4	1/16
JTR-SE1508	7/8	6 1/2	1.491	2-13/16	17/16	1	2-1/8	1/4	1/16



JTR-SE16
Australian Type Rigging
Hardware Grade S Dee Shackle

Product Code	Working Load Limit	Diameter Bow (mm)	Width Inside (mm)	Diameter Pin (mm)
JTR-SE1601	WLL0.33T	5	10	6
JTR-SE1602	WLL0.5T	6	12	8
JTR-SE1603	WLL0.75T	8	13	10
JTR-SE1604	WLL1T	10	17	11
JTR-SE1605	WLL1.5T	11	18	13
JTR-SE1606	WLL2T	13	21	16
JTR-SE1607	WLL3.25T	16	27	19
JTR-SE1608	WLL4.75T	19	32	22
JTR-SE1609	WLL6.5T	22	37	25
JTR-SE1610	WLL8.5T	25	43	29
JTR-SE1611	WLL9.5T	29	46	32
JTR-SE1612	WLL12T	32	52	35
JTR-SE1613	WLL13.5T	35	57	38
JTR-SE1614	WLL17T	38	60	41
JTR-SE1615	WLL25T	44	73	51
JTR-SE1616	WLL35T	51	83	57
JTR-SE1617	WLL55T	63	105	68
JTR-SE1618	WLL85T	76	127	83



Material	Body was carbon steel,Pin was alloy steel
Construction	Quenched and Tempered
Standard	AS 2741-2002
Grade	S(6)

JTR-SE18
Australian Type Grade S Marine
Towing Dee Shackle With Safety Pin

Product Code	Working Load Limit	Diameter Bow (mm)	Width Inside (mm)	Diameter Pin (mm)
JTR-SE1801	WLL0.33T	5	10	6
JTR-SE1802	WLL0.5T	6	12	8
JTR-SE1803	WLL0.75T	8	13	10
JTR-SE1804	WLL1T	10	17	11
JTR-SE1805	WLL1.5T	11	18	13
JTR-SE1806	WLL2T	13	21	16
JTR-SE1807	WLL3.25T	16	27	19
JTR-SE1808	WLL4.75T	19	32	22
JTR-SE1809	WLL6.5T	22	37	25
JTR-SE1810	WLL8.5T	25	43	29
JTR-SE1811	WLL9.5T	29	46	32
JTR-SE1812	WLL12T	32	52	35
JTR-SE1813	WLL13.5T	35	57	38
JTR-SE1814	WLL17T	38	60	41
JTR-SE1815	WLL25T	44	73	51
JTR-SE1816	WLL35T	51	83	57
JTR-SE1817	WLL55T	63	105	68
JTR-SE1818	WLL85T	76	127	83
JTR-SE1819	WLL120T	89	146	95
JTR-SE1820	WLL150T	102	165	108



Material	Body,Nut and Cotter Pin was carbon steel,BOLT was alloy steel
Construction	Quenched and Tempered
Standard	AS 2741-2002
Grade	S(6)

JTR-SE17
Australian Type Rigging
Hardware Grade S Marine Towing Bow Shackle

Product Code	Working Load Limit	Diameter Bow (mm)	Width Inside (mm)	Diameter Pin (mm)
JTR-SE1701	WLL0.33T	5	10	6
JTR-SE1702	WLL0.5T	6	12	8
JTR-SE1703	WLL0.75T	8	13	10
JTR-SE1704	WLL1T	10	17	11
JTR-SE1705	WLL1.5T	11	18	13
JTR-SE1706	WLL2T	13	21	16
JTR-SE1707	WLL3.25T	16	27	19
JTR-SE1708	WLL4.75T	19	32	22
JTR-SE1709	WLL6.5T	22	37	25
JTR-SE1710	WLL8.5T	25	43	29
JTR-SE1711	WLL9.5T	29	46	32
JTR-SE1712	WLL12T	32	52	35
JTR-SE1713	WLL13.5T	35	57	38
JTR-SE1714	WLL17T	38	60	41
JTR-SE1715	WLL25T	44	73	51
JTR-SE1716	WLL35T	51	83	57
JTR-SE1717	WLL55T	63	105	68
JTR-SE1718	WLL85T	76	127	83



Material	Body was carbon steel,Pin was alloy steel
Construction	Quenched and Tempered
Standard	AS 2741-2002
Grade	S(6)

JTR-SE19
Australian Type Grade S Crane
Lifting Bow Shackle With Safety Pin

Product Code	Working Load Limit	Diameter Bow (mm)	Width Inside (mm)	Diameter Pin (mm)
JTR-SE1901	WLL0.33T	5	10	6
JTR-SE1902	WLL0.5T	6	12	8
JTR-SE1903	WLL0.75T	8	13	10
JTR-SE1904	WLL1T	10	17	11
JTR-SE1905	WLL1.5T	11	18	13
JTR-SE1906	WLL2T	13	21	16
JTR-SE1907	WLL3.25T	16	27	19
JTR-SE1908	WLL4.75T	19	32	22
JTR-SE1909	WLL6.5T	22	37	25
JTR-SE1910	WLL8.5T	25	43	29
JTR-SE1911	WLL9.5T	29	46	32
JTR-SE1912	WLL12T	32	52	35
JTR-SE1913	WLL13.5T	35	57	38
JTR-SE1914	WLL17T	38	60	41
JTR-SE1915	WLL25T	44	73	51
JTR-SE1916	WLL35T	51	83	57
JTR-SE1917	WLL55T	63	105	68
JTR-SE1918	WLL85T	76	127	83
JTR-SE1919	WLL120T	89	146	95
JTR-SE1920	WLL150T	102	165	108



Material	Body,Nut and Cotter Pin was carbon steel,BOLT was alloy steel
Construction	Quenched and Tempered
Standard	AS 2741-2002
Grade	S(6)

Attention

Looseness

Please ensure that Thread or Nut is tightened completely before using shackles. Please also ensure that cutter pin is cut in case of Bolt & Nut type before using Shackles.

Dangerous act

Please don't throw away, hitting by hammer or such tools, and put heavy thing on shackles. It become cause of damage.

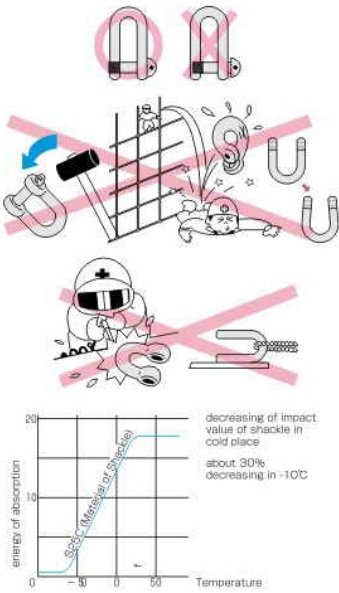
Prevention of Arc Strike(wound by arc welding)and Prohibition of welding

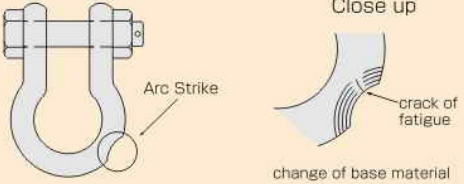
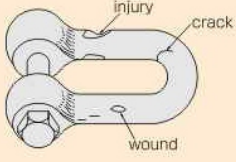
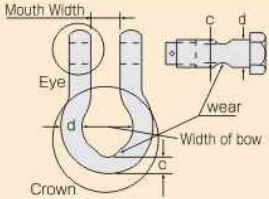
Please don't weld shackle with other products and don't weld around shackles for prevention to occur Arc Strike or attach sputtering. Otherwise change of material can be happened, then become weak and easy to broken because of above several incident.

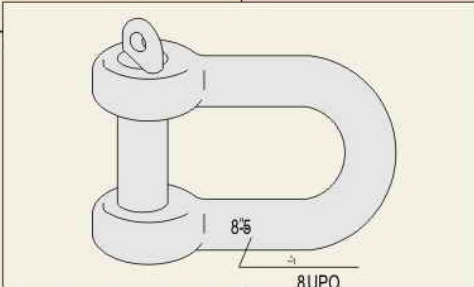
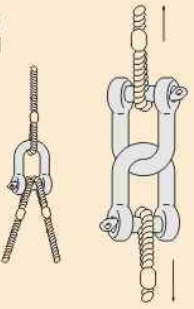
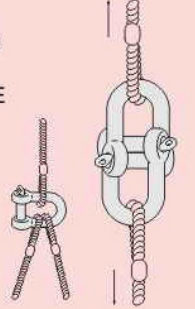
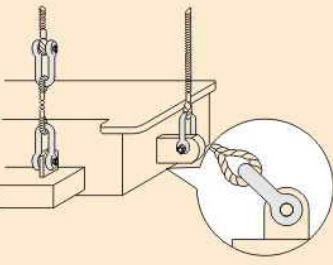
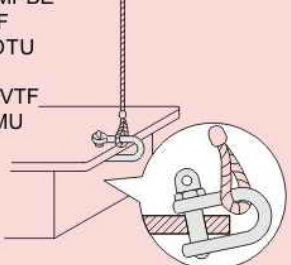
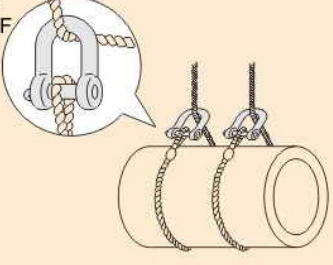
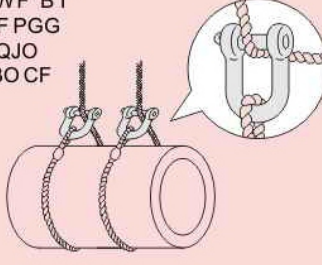
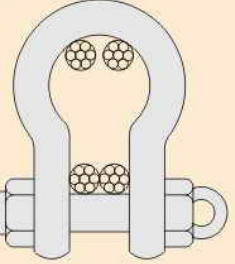
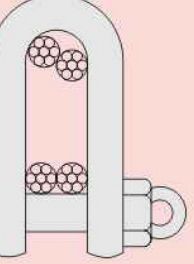
How to treat in cold place

- Please handle carefully in cold place because impact value is much decreased because of cold brittleness.
- Please don't put outside after finish operation.
- Please disconnect from lifting cargo in night time and then stock at fixed place.

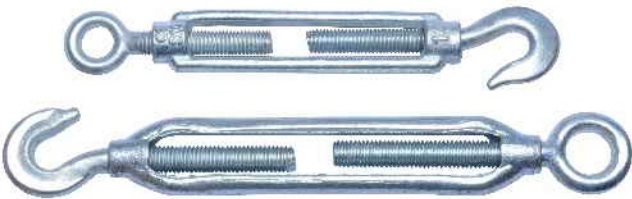
How to inspect shackles and standard of scrap.



	Matter of inspection	Standard of Scrap
1	Please inspect whether there is Arc Strike or not. 	Please certainly scrap if there is Arc Strike. (Wound and crack is stimulated rapidly.)
2	①Please check whether deformation is on Body, Bolt, and Pin or not. ②Please check as Body, Bolt, and Pin are assembled. ③Please calculate deformation ratio by checking caliper prior to deformation is remarkably. Deformation Ratio (%) $\frac{S-S_1}{S} \times 100$ Deformation Ratio (%) $\frac{1-S_1}{1} \times 100$ S : Original width of bow S ₁ : Deformed width of bow 1 : Original Length 1 : Deformed width of bow 	①Please scrap if there is deformed Bolt or Pin. ②Please scrap if thread or cutter pin cannot be assembled. ③Please scrap if deformation ratio is over 8%. Please never repair it by yourself.
3	Please inspect whether there is wound, notch, crack. 	Please scrap if the depth is more than 5% against original size after cutting down the wound or notch. Please inspect by Magnetic Particle Testing or Penetrant Inspection. Please scrap if there is crack.
4	Please inspect whether crown and Bolt are wear or not. Wear Ratio (%) $= \frac{d-c}{d} \times 100$ d: Original Diameter c: Diameter after wear 	Please scrap if wear ratio is more than 10%.
	●Please wash rust, oils and fats etc... of shackles by kerosene or washing oil to find defect easily when inspecting shackles. ●Please inspect shackles by Magnetic Particle Testing regularly ●Please remove dust and rust, and daub oil and fats at Thread part after using, and then keep shackles. ●Please keep shackles as avoiding wind and rain. ●Please keep shackles as never touching on the ground. ●Please keep shackles as assembling Body and Bolt. ●Please keep shackles without piling up. (For avoiding wound, and collapse of cargo piles.)	

	\$PSSFUDU6TBHF	8SPOH6TBHF
8--	6TJOH4IBDLMFTMFTTUIBO8-- 1MFBTF VTF BQQSPQSJBUT TIBDLMFT GPSFBDIVTBHFBOE8-- 	*U CFDPNFT DBVTF PG BDDJEFOU MJLF GBMMJOH CZ EBNBHF PG TIBDLMFT JG VTJOH TIBDLMFT NPSFUIBOSFHVMBUJWF8--
PX UP DPOOFDU 4IBDLMFT	1MFBTF DPOOFDU BU DSPXO 3 QBSU PG #PEZ JO DBTF PG DPOOFDUJOH TIBDLMFT 	*U CFDPNFT VOTUFBEZ JG DPOOFDUJOHTIBDLMFTBU#PMU *U NBZ CF DBVTFE TMBOUXJTF MJHIUJOH JNQBDU GPSDF BOE UIFODBVTFEENBHF 
SVSOJOH VQ3FWSTF,SBSSZJOH	1MFBTF VTF 4IBDLMFT UPCFWFSUJDBM-PBE 	1MFBTF BWPJE IPMJ(POUBM MPBE CFDBVTF 4IBDLMFT BSF QSPEVDF UP FOEVSF BHBJOTU WFSUJDBMMPBE PSJ(POUBMMPBE XJMMCF DBVTF BCPVU XPVOE PG DBSHP CPMU BOEUIFODBVTFEENBHF 
1SFVFOUPO BCPVU SVSO PG #	1MFBTFBMXBZTBTTFNCMF #PMU PG 4IBDLMFT BOE NPUJPMFTT TJEF PG XJSF SPQF 	*U IBT QPTTJCJMJUZ UP CF EJGGJDVMU UP SFNPWF BT GBTUFO UJHIUMZ PS DPNF PGG BT MPPTFO CFDBVTF PG TQJO PG CPMU JG XJSF SPQF DBO CF NPWFE 
TTFNCMJOH XUUI 8JSF 3PQF	1MFBTFBWPJE UP PWFSMBQ XJSF SPQF JO DBTF PG BTTFNCMJOH XJU4IBDLMFT 	8JSF SPQF XJMM CF EBNBHF MJLFXFBSPSDSVTIJOHTUSBOE JGXJSFSPQFJTPWFSMBQQFE 1MFBTF VTF #PX 4IBDLMF JO DBTFPGPWFSMBQ 

JTR-TE01 COMMERCIAL TYPE TURNBUCKLE



Art No.	WLL	A	Weight
	(kg)	(mm)	(kg/pc)
JTR-TE0106	100	6×100	0.076
JTR-TE0108	200	8×125	0.12
JTR-TE0110	300	10×150	0.16
JTR-TE0112	500	12×200	0.36
JTR-TE0116	1000	16×250	0.7
JTR-TE0120	1500	20×300	1.16
JTR-TE0122	2200	22×330	1.53
JTR-TE0124	3000	24×350	2.04

JTR-TE02 KOREAN TYPE TURNBUCKLE



Size	W/1000pcs
	(kg)
3/16"	30
1/4"	65
5/16"	100
3/8"	270
1/2"	440
5/8"	900
3/4"	1400

JTR-TE03 ITALIAN TYPE TURNBUCKLE



Size	Weight(kg)	Carton
M5X50	0.025	500
M5X70	0.032	500
M6X60	0.04	300
M6X88	0.05	300
M6X110	0.065	300
M8X70	0.085	300
M8X110	0.1	200
M10X125	0.2	100
M12X125	0.32	50
M12X140	0.35	50
M14X140	0.5	40
M16X170	0.72	30
M16X190	0.78	30
M18X200	1.1	25
M20X200	1.35	20
M20X200	1.46	20
M22X240	1.94	15
M24X250	2.4	10
M30X250	3.63	5

JTR-TE04 JIS TYPE TURNBUCKLE

STEEL
STAINLESS STEEL 304or316



Dia.Outside Longth of Frame	Inside Dia of Eye	Weight Per pc
(mm)	(mm)	(Kg)
19×510	37	2.9
22×520	31×70	3.8
25×520	33×70	5.2
25×900	36×70	8.0
32×575	36×70	9.8
32×900	36×70	-
32×900	40×80	-

Nominal Size(D)		(1)Body Only						(2)Eye&Eye			(3)Hook&Eye		(4)Hook&Hook			(6)With Stubs			
		A		B	C	T.L	WPC	F	T.L	WPC	T.L	WPC	E	T.L	WPC	H	I	G	W/PC
mm	in	mm	in	mm	in	mm	kg	mm	Ton	kg	Ton	kg	mm	Ton	kg	mm	mm	mm	kg
6	1/4	100	4	78	11	1	0.08	10	0.1	0.116	0.04	0.114	9	0.04	0.112	80	50	5.3	0.112
8	5/16	125	5	100	12.5	1.2	0.15	12	0.2	0.22	0.08	0.218	9	0.08	0.215	100	63	6.9	0.22
9	3/8	150	6	120	12.5	1.5	0.17	16	0.5	0.3	0.15	0.293	11	0.15	0.29	130	75	8.3	0.273
12	1/2	200	8	164	18	2	0.29	20	2	0.58	0.35	0.585	16	0.35	0.57	150	100	11.2	0.51
16	5/8	250	10	202	21.5	3	0.52	22	3	1.07	0.7	1.05	19	0.7	1.03	180	125	14.2	0.95
19	3/4	300	12	250	25	4	0.85	28	4	1.77	1	1.78	20	1	1.77	220	152	17.2	1.62
22	7/8	325	13	269	28	5	1.17	33	5	2.55	1.5	2.58	21	1.5	2.6	250	165	20.3	2.34
25	1	400	14	285	32.5	6	1.69	35	6	3.79	2	3.77	26	2	3.72	270	175	23.3	3.27
32	1-1/4	400	16	310	45	8	3.51	36*70	10	7.6	3	7.52	34	3	7.44	300	200	29	6.52
38	1-1/2	450	18	350	55	10	5.08	40*80	15	13.5	4	12.8	35	4	22	330	225	38	13
44	1-3/4	500	20	386	57	.	9	.	.	.	.	.	.	.	22	.	250	44	.
50	2	550	22	420	65	.	11.5	.	.	.	.	.	.	.	29	.	275	50	.

JTR-TE05 U.S.TYPE DROP FORGED TURNBUCKLE



Size (Diameter×turn ke-up)	AVERAGE Overall Ends in Closed Position	Approx.Weight Each(lbs)					Work Load Limit Pounds	
		Eyes and/or hooks	Jaw&Eye	Jaw&Jaw	Stub End	Bodies only		
1/4"×4"	81/4	3	3	4	29	17	400	500
5/16"×41/2"	99/16	5	35	58	46	25	700	800
3/8"×6"	11 7/8	75	82	93	75	3	1000	1200
1/2"×6"	13 5/16	1.5	1.62	1.68	1.36	55	1500	2200
1/2"×9"	16 5/16	1.75	1.82	1.85	1.69	74	1500	2200
1/2"×12"	19 5/16	2.18	2.19	2.2	2	93	2250	2200
5/8"×6"	15 1/2	2.63	2.59	2.82	2.15	91	2250	3500
5/8"×9"	18 1/2	3	3.01	3.25	2.7	1.2	3000	3500
5/8"×12"	21 1/2	3.25	3.5	3.75	3.22	1.5	2250	3500
3/4"×6"	17	3.75	4.25	4.68	3.25	1.3	3000	5200
3/4"×9"	20	4.5	5	5.38	4	1.7	3000	5200
3/4"×12"	23	5.75	5.75	6.12	4.65	2.12	3000	5200
3/4"×18"	29	7	7.25	7.25	6.12	2.93	3000	5200
7/8"×6"	18	-	-	-	4.75	2	-	7200
7/8"×12"	24 5/8	8.38	8.88	9.36	6.67	3	4000	7200
7/8"×18"	30 5/8	10.25	10.6	11.44	8.75	4.12	4000	7200
1"×6"	20 5/8	-	-	-	6.41	2.5	-	10000
1"×12"	26 5/8	11.25	12	12.88	8.9	3.86	5000	10000
1"×18"	32 5/8	14	14.75	16.1	11.7	5.5	5000	10000
1"×24"	38 5/8	17	17.75	18.6	14.3	7	5000	15200
1 1/4"×6"	20	-	-	-	10.4	4	-	15200
1 1/4"×12"	29 7/8	19	21.2	23.6	14.2	5.93	-	15200
1 1/4"×18"	35 7/8	24.1	26	26.6	18	8	-	15200
1 1/4"×24"	41 7/8	25	28.7	31.2	21.8	10	-	21400
1 1/2"×6"	22 1/2	-	-	-	15.4	5.8	-	21400
1 1/2"×12"	32 3/8	27	31.1	35.5	20.5	8.4	-	21400
1 1/2"×18"	38 3/8	31.2	36.4	40.7	26.2	11.5	-	21400
1 1/2"×24"	44 3/8	38.2	44.2	47.6	31.4	14.1	-	28000
1 3/4"×6"	-	-	-	-	22.7	8.75	-	28000
1 3/4"×18"	41 3/4	45	48.8	52.4	-	-	-	28000
1 3/4"×24"	47 3/4	58	60	64	43.9	19.5	-	37000
2"×6"	-	-	-	-	31.5	12.5	-	37000
2"×24"	51 3/4	90	102	115	60.3	27.5	-	37000
2 1/2"×6"	-	-	-	-	60.8	27	-	60000
2 1/2"×24"	58 1/2	183	180	200	110	54	-	60000
2 3/4"×24"	61 1/2	180	214	248	-	54	-	75000

JTR-RC07
U.S. Type Drop Forged Fist Drip Clips

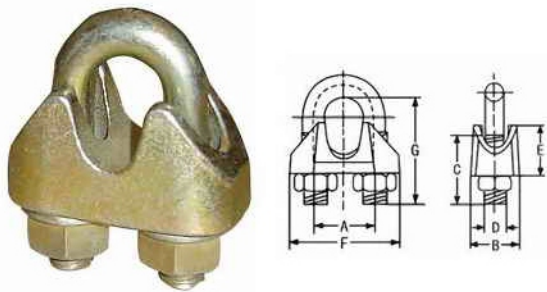
Product Code	Rope Size	Dimensions(in)				
	(in)	A	B	C	D	E
JTR-RC0701	3/16-1/4	6.35	31.75	37.3	9.65	32.5
JTR-RC0702	5/16	7.78	34.04	39.69	9.65	37.34
JTR-RC0703	3/8	9.65	40.39	47.63	11.18	45.97
JTR-RC0704	7/16	12.7	47.75	55.56	12.7	55.6
JTR-RC0705	1/2	12.7	47.75	55.56	12.7	55.6
JTR-RC0706	9/16	16	57.9	66.68	16	68.33
JTR-RC0707	5/8	16	57.9	66.68	16	68.33
JTR-RC0708	3/4	19.05	68.33	77.79	19.05	74.68
JTR-RC0709	7/8	22.35	75.44	79.38	19.05	84.07
JTR-RC0710	1	25.4	78.23	89.69	19.05	94.5
JTR-RC0711	1 1/8	28.7	87.38	99.22	22.35	106.17
JTR-RC0712	1 1/4	31.75	90.42	102.3	22.35	107.95
JTR-RC0713	8/13	38.1	104.9	118.27	25.4	141.22
JTR-RC0714	1 1/2	38.1	104.9	118.27	25.4	141.22

JTR-RC01 Din741
Galv Malleable Wire Rope Clips

Product Code	Rope	Dimensions(in)						Weight Each
	(Kg/pc)	A	B	C	D	F	G	(Kg/pc)
JTR-RC0101	3	9	10	12	4	21	20	0.014
JTR-RC0102	5	11	11	13	5	23	24	0.015
JTR-RC0103	6.5	13	12	15	5	26	28	0.021
JTR-RC0104	8	16	14	19	6	30	34	0.041
JTR-RC0105	10	19	18	22	8	34	42	0.068
JTR-RC0106	11	20	19	22	8	36	54	0.072
JTR-RC0107	13	24	23	30	10	42	55	0.13
JTR-RC0108	14	25	23	30	10	44	57	0.135
JTR-RC0109	16	29	26	33	12	50	63	0.210
JTR-RC0110	19	32	29	38	12	54	75	0.280
JTR-RC0111	22	37	33	44	14	61	85	0.400
JTR-RC0112	26	41	35	45	14	65	95	0.440
JTR-RC0113	30	48	37	50	16	74	110	0.660
JTR-RC0114	34	52	42	55	16	80	120	0.850
JTR-RC0115	40	58	45	60	16	88	140	1.040

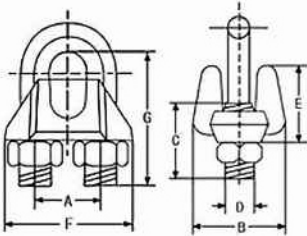
JTR-RC02 Din1142
Galv Malleable Wire Rope Clips

Product Code	Rope	Dimensions(in)						Weight Each
	(Kg/pc)	A	B	C	D	F	G	(Kg/pc)
JTR-RC0201	5	12	13	13	5	25	25	0.021
JTR-RC0202	6.5	14	16	14	6	30	32	0.040
JTR-RC0203	8	18	20	20	8	39	41	0.082
JTR-RC0204	10	20	20	24	8	40	46	0.092
JTR-RC0205	13	27	28	30	12	55	64	0.275
JTR-RC0206	16	32	32	35	14	64	76	0.430
JTR-RC0207	19	36	32	36	14	68	83	0.490
JTR-RC0208	22	40	34	40	16	74	96	0.680



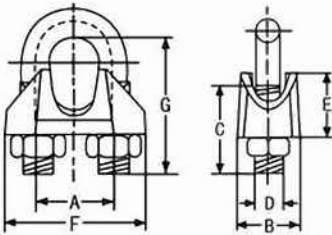
JTR-RC03
U.S. Type Galy Malleable Wire Rope Clips

Product Code	Rope	Dimensions(in)							Weight Each
	(Kg/pc)	A	B	C	D	E	F	G	(Kg/pc)
JTR-RC0301	1/16	0.38	0.45	0.45	0.15	0.45	0.69	0.65	0.0136
JTR-RC0302	1/8	0.5	0.56	0.5	0.18	0.5	0.94	0.81	0.0182
JTR-RC0303	3/16	0.56	0.63	0.56	0.25	0.56	1.06	0.94	0.0286
JTR-RC0304	1/4	0.75	0.75	0.75	0.31	0.75	1.31	1.19	0.0591
JTR-RC0305	5/16	0.75	0.75	0.84	0.31	0.84	1.44	1.31	0.0682
JTR-RC0306	3/8	0.88	0.88	1	0.38	1	1.63	1.63	0.0955
JTR-RC0307	7/16	1.06	1.06	1.19	0.44	1.19	1.88	2	0.1682
JTR-RC0308	1/2	1.06	1.06	1.19	0.44	1.19	1.88	2	0.1682
JTR-RC0309	9/16	1.25	1.28	1.38	0.5	1.38	2.09	2.31	0.2682
JTR-RC0310	5/8	1.25	1.28	1.38	0.5	1.38	2.09	2.31	0.2682
JTR-RC0311	3/4	1.31	1.56	1.56	0.56	1.56	2.38	2.56	0.3818
JTR-RC0312	7/8	1.63	1.81	1.81	0.63	1.81	2.88	3.06	0.5682
JTR-RC0313	1	1.88	2	2	0.63	2	3	3.44	0.7545
JTR-RC0314	1 1/8	2	2.06	2.75	0.75	2.75	3.38	4	1.1045



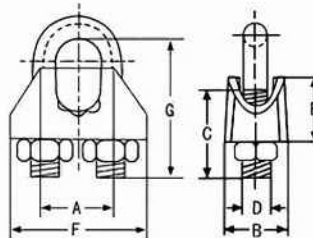
JTR-RC04
Galy Malleable Wire Rope Clips TypeA

Product Code	Size	Dimensions(in)							Weight Each
	(mm)	A	B	C	D	E	F	G	(Kg/pc)
JTR-RC0401	6	12	17	14	5	14	23	24	2.5
JTR-RC0402	8	15	21	16	6	17	28	30	4.5
JTR-RC0403	10	19	28	20	8	21	38	37	9
JTR-RC0404	12	24	34	25	10	27	45	47	18
JTR-RC0405	15	29	40	30	12	32	52	56	28
JTR-RC0406	20	36	47	36	14	38	62	70	47
JTR-RC0407	22	40	52	39	16	43	69	77	62
JTR-RC0408	25	43	56	44	18	50	76	85	85
JTR-RC0409	28	48	62	48	20	57	85	95	120
JTR-RC0410	32	55	67	51	22	61	93	108	157
JTR-RC0411	40	64	81	62	24	73	111	120	261
JTR-RC0412	45	72	88	70	27	86	123	137	363
JTR-RC0413	50	80	95	80	30	95	135	154	480



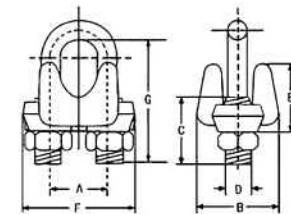
JTR-RC05
Galy Malleable Wire Rope Clips TypeB

Product Code	Size	Dimensions(in)							Weight Each
	(mm)	A	B	C	D	E	F	G	(Kg/pc)
JTR-RC0501	1/8	9	12	12	4	9.5	19	20	1.17
JTR-RC0502	3/16	11	13.5	14	5	10.8	22	26	1.7
JTR-RC0503	1/4	12.5	15.5	14	5	11.5	25	26	2.53
JTR-RC0504	5/16	15.5	18	16	6	16	31	31	3.8
JTR-RC0505	3/8	21	22	20	8	20	40	37	7.93
JTR-RC0506	1/2	25	25	24	10	26	47	46	14.4
JTR-RC0507	5/8	30	28	28	12	31	55	57	23.08
JTR-RC0508	1 1/16	33	28.5	30	12	35	58.5	64	26.8
JTR-RC0509	3/4	36.5	31	34	16	36	65	71	44.3
JTR-RC0510	7/8	40	36	38	16	43	72	77	57
JTR-RC0511	1	45	40	44	20	48	80	88	88.43



JTR-RC06
U.S. Type Drop Forged Wire Rope Clips

Product Code	Rope	Dimensions(in)					Weight Each
	(Kg/pc)	A	G	F	D	E	(Kg/pc)
JTR-RC0601	1/8	0.47	0.72	0.94	0.22	0.41	0.002
JTR-RC0602	3/16	0.59	0.97	1.16	0.25	0.5	0.003
JTR-RC0603	1/4	0.75	1.03	1.44	0.31	0.66	0.003
JTR-RC0604	5/16	0.88	1.38	1.69	0.38	0.72	0.004
JTR-RC0605	3/8	1	1.5	1.94	0.44	0.91	0.005
JTR-RC0606	7/16	1.19	1.88	2.28	0.5	1.03	0.005
JTR-RC0607	1/2	1.19	1.88	2.28	0.5	1.13	0.005
JTR-RC0608	9/16	1.31	2.25	2.5	0.56	1.22	0.006
JTR-RC0609	5/8	1.31	2.38	2.5	0.56	1.34	0.006
JTR-RC0610	3/4	1.5	2.75	2.84	0.62	1.41	0.007
JTR-RC0611	7/8	1.75	3.12	3.16	0.75	1.59	0.008
JTR-RC0612	1	1.88	3.5	3.47	0.75	1.78	0.009
JTR-RC0613	1 1/8	2.00	3.88	3.59	0.75	1.91	0.009
JTR-RC0614	1 1/4	2.31	4.25	4.13	0.88	2.19	0.011
JTR-RC0615	8/13	2.38	4.63	4.19	0.88	2.31	0.011
JTR-RC0616	1 1/2	2.59	4.94	4.44	0.88	2.44	0.012
JTR-RC0617	8/15	2.75	5.31	4.75	1	2.66	0.013
JTR-RC0618	4/13	3.06	5.75	5.28	1.13	2.94	0.014
JTR-RC0619	2	3.38	6.44	5.88	1.25	3.28	0.015
JTR-RC0620	4/21	3.88	7.13	6.38	1.25	3.19	0.018
JTR-RC0621	2/21	4.13	7.69	6.63	1.25	3.69	0.019



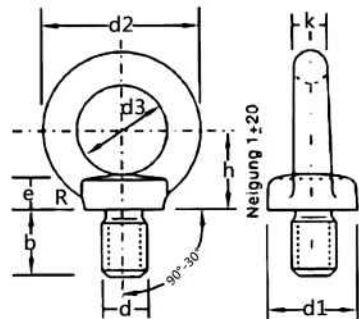
JTR-BN01
Jaw End Swivel

ART.No.	Size(inch)	W.L.L.(lbs)	O.L.(inch)	O.W.(inch)	N.W.(lbs)
JTR-BN0101	1/4	850	3.38	1.25	0.25
JTR-BN0102	5/16	1250	3.87	1.63	0.37
JTR-BN0103	3/8	2250	4.75	2	0.7
JTR-BN0104	½	3600	6.07	2.5	1.43
JTR-BN0105	5/8	5200	7.32	3	2.48
JTR-BN0106	3/4	7200	8.31	3.5	3.88
JTR-BN0107	7/8	10000	9.53	4	5.75



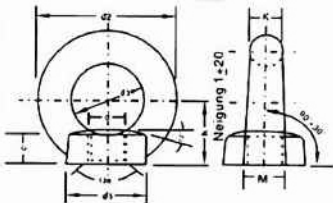
JTR-BN04
DIN580 Eye Screw

Product Code	Size	W. L. L	W. L. L	Dimensions(in)							Weight Each
	(in)	(ton.)	(ton.)	d1	d2	d3	b	e	h	k	(kg/pc)
JTR-BN0401	M6*	0.07	0.05	17	28	16	13	6	17	6	0.05
JTR-BN0402	M8*	0.14	0.095	20	36	20	15	6	18	8	0.06
JTR-BN0403	M10*	0.23	0.17	25	45	25	18	8	22	10	0.11
JTR-BN0404	M12	0.34	0.24	30	54	30	22	10	26	12	0.18
JTR-BN0405	M14*	0.49	0.34	35	63	35	28	12	30	14	0.285
JTR-BN0406	M16	0.7	0.5	35	63	35	28	12	30	14	0.28
JTR-BN0407	M20	1.2	0.83	40	72	40	30	12	35	16	0.45
JTR-BN0408	M22*	1.5	1.05	45	81	45	35	14	40	18	0.67
JTR-BN0409	M24	1.8	1.27	50	90	50	38	16	45	20	0.78
JTR-BN0410	M27*	2.5	1.65	50	90	50	38	18	45	20	0.88
JTR-BN0411	M30	3.6	2.6	65	108	60	45	18	55	24	1.66
JTR-BN0412	M33*	4.3	3.2	65	108	60	45	22	55	24	1.72
JTR-BN0413	M36	5.1	3.7	75	126	70	55	22	65	28	2.65
JTR-BN0414	M39*	6.1	4.3	75	126	70	55	26	65	28	2.8
JTR-BN0415	M42	7	5	85	144	80	65	30	75	32	4.03
JTR-BN0416	M45*	8	5.5	85	144	80	65	30	75	32	4.25
JTR-BN0417	M48	8.6	6.1	100	166	90	70	35	85	38	6.38
JTR-BN0418	M52*	9.9	7.3	100	166	90	70	35	85	38	6.6
JTR-BN0419	M65	11.5	8.3	110	184	100	80	38	95	42	8.8
JTR-BN0420	M64	16	11	120	206	110	90	42	100	48	12.4



JTR-BN05
DIN582 Ring Nut

Product Code	Size	W. L. L	Dimensions(in)						Weight Each
	(in)	(ton.)	d1	d2	d3	e	h	k	(kg/pc)
JTR-BN0501	M6	0.07	20	36	20	8.5	18	8	0.05
JTR-BN0502	M8	0.14	20	36	20	8.5	18	8	0.05
JTR-BN0503	M10	0.23	25	45	25	10	22	10	0.09
JTR-BN0504	M12	0.34	30	54	30	11	26	12	0.16
JTR-BN0505	M16	0.7	35	63	35	13	30	14	0.24
JTR-BN0506	M20	1.2	40	72	40	16	35	16	0.36
JTR-BN0507	M22	1.5	45	81	45	18	40	18	0.58
JTR-BN0508	M24	1.8	50	90	50	20	45	20	0.72
JTR-BN0509	M27	2.5	50	90	50	20	45	20	0.7
JTR-BN0510	M30	3.6	65	108	60	25	55	24	1.32
JTR-BN0511	M33	4.3	65	108	60	25	55	24	1.3
JTR-BN0512	M36	5.1	75	126	70	30	65	28	2.08
JTR-BN0513	M39	6.1	75	126	70	30	65	28	2.02



JTR-BN06
EYE SCREW JIS B-1168

Art.No	SIZE(mm)	W.L.L.(kgs)	N.W.(kg)
JTR-BN0601	8	80	0.035
JTR-BN0602	10	150	0.065
JTR-BN0603	12	220	0.13
JTR-BN0604	16	450	0.25
JTR-BN0605	20	630	0.43
JTR-BN0606	24	950	0.85
JTR-BN0607	30	1500	1.5



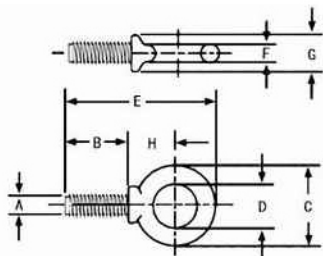
JTR-BN07
EYE NUT JIS B-1169

ART.No.	Size(mm)	W.L.L.(kgs)	N.W.(kg)
JTR-BN0701	8	80	0.035
JTR-BN0702	10	150	0.065
JTR-BN0703	12	220	0.13
JTR-BN0704	16	450	0.25
JTR-BN0705	20	630	0.46
JTR-BN0706	24	950	0.87
JTR-BN0707	30	1500	1.5



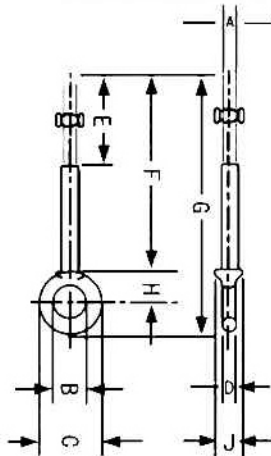
JTR-BN08
Shoulder Type Machinery Eye Bolts S-279

Product Code	Size	W. L. L	Dimensions(in)									Weight Each
	(in)	(Lbs)	A	B	C	D	E	F	G	H	(kg/pc)	
JTR-BN0801	1/4×1	650	0.25	1	0.88	0.5	1.94	0.19	0.47	0.5	0.023	
JTR-BN0802	5/16×11/8	1200	0.31	1.13	1.12	0.62	2.38	0.25	0.56	0.69	0.028	
JTR-BN0803	3/8×11/4	1550	0.38	1.25	1.38	0.75	2.72	0.31	0.66	0.78	0.057	
JTR-BN0804	1/2×11/2	2600	0.5	1.5	1.75	1	3.38	0.38	0.91	1	0.114	
JTR-BN0805	5/8×13/4	5200	0.63	1.75	2.25	1.25	4.19	0.5	1.12	1.31	0.227	
JTR-BN0806	3/4×2	7200	0.75	2	2.75	1.5	4.94	0.62	1.38	1.56	0.398	
JTR-BN0807	7/8×21/4	10600	0.88	2.25	3.25	1.75	5.72	0.75	1.56	1.84	0.715	
JTR-BN0808	1×21/2	13300	1	2.25	3.75	2	6.47	0.88	1.81	2.09	0.991	
JTR-BN0809	11/4×3	21000	1.25	3	4.5	2.25	7.72	1	2.28	2.47	1.727	
JTR-BN0810	11/2×31/2	24000	1.5	3.5	5.5	3	9.25	1.25	2.75	3	3.182	



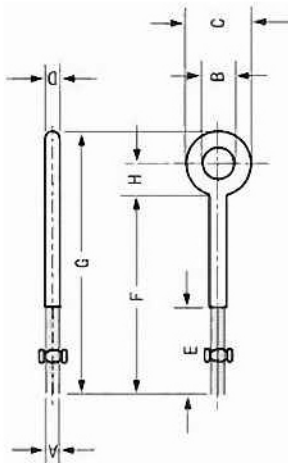
JTR-BN09
Shoulder Nut Eye Bolts G-277

Product Code	Size	W. L. L	Dimensions(in)										Weight Each
	(in)	(Lbs)	A	B	C	D	E	F	G	H	J	(kg/pc)	
JTR-BN0901	1/4×2	650	0.25	0.5	0.88	0.19	1.5	2	2.94	0.5	0.47	0.03	
JTR-BN0902	1/4×4	650	0.25	0.5	0.88	0.19	2.5	4	4.94	0.5	0.47	0.041	
JTR-BN0903	5/16×21/4	1200	0.31	0.62	1.12	0.25	1.5	2.25	3.5	0.69	0.56	0.057	
JTR-BN0904	5/16×41/4	1200	0.31	0.62	1.12	0.25	2.5	4.25	5.5	0.69	0.56	0.085	
JTR-BN0905	3/8×21/2	1550	0.38	0.75	1.38	0.31	1.5	2.5	3.97	0.78	0.66	0.097	
JTR-BN0906	3/8×41/2	1550	0.38	0.75	1.38	0.31	2.5	4.5	5.97	0.78	0.66	0.115	
JTR-BN0907	1/2×31/4	2600	0.5	1	1.75	0.38	1.5	3.25	512	1	0.91	0.194	
JTR-BN0908	1/2×6	2600	0.5	1	1.75	0.38	3	6	7.88	1	0.91	0.258	
JTR-BN0909	5/8×4	5200	0.62	1.25	2.25	0.5	2	4	6.44	1.31	1.12	0.312	
JTR-BN0910	5/8×6	5200	0.62	1.25	2.25	0.5	3	6	8.44	1.31	1.12	0.465	
JTR-BN0911	3/4×41/2	7200	0.75	1.5	2.75	0.62	2	4.5	7.44	1.56	1.38	0.657	
JTR-BN0912	3/4×6	7200	0.75	1.5	2.75	0.62	3	6	8.94	1.56	1.38	0.761	
JTR-BN0913	7/8×5	10600	0.88	1.75	3.25	0.75	2.5	5	8.46	1.84	1.56	1.023	
JTR-BN0914	1×6	13300	1	2	3.75	0.88	3	6	9.97	2.09	1.81	1.665	
JTR-BN0915	1×9	13300	1	2	3.75	0.88	4	9	12.97	2.09	1.81	1.92	
JTR-BN0916	11/4×8	21000	1.25	2.5	4.5	1	4	8	12.72	2.47	2.28	2.955	
JTR-BN0917	11/4×12	21000	1.25	2.5	4.5	1	4	12	16.72	2.47	2.28	3.614	
JTR-BN0918	11/2×15	24000	1.5	3	5.5	1.25	6	15	20.75	3	2.75	6.477	

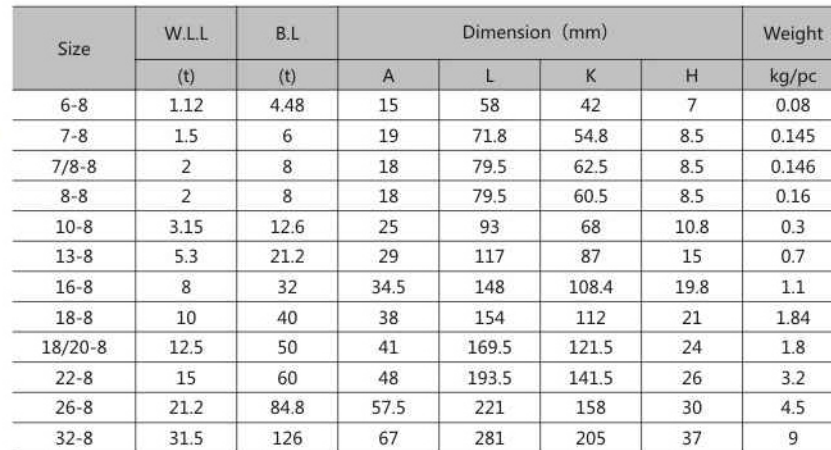


JTR-BN10
Regular Nut Eye Bolts G-291

Product Code	Shank Dia.& Length	W.L.L	Dimensions(in)									Weight Each
	(in)	(Lbs)	A	B	C	D	E	F	G	H	(Kg/pc)	
JTR-BN1001	1/4×2	650	0.25	0.5	1	0.25	1.5	2	3.06	0.56	0.037	
JTR-BN1002	1/4×4	650	0.25	0.5	1	0.25	2.5	4	5.06	0.56	0.053	
JTR-BN1003	5/6×21/4	1200	0.31	0.62	1.25	0.31	1.5	2.25	3.56	0.69	0.06	
JTR-BN1004	5/16×41/4	1200	0.31	0.62	1.25	0.31	2.5	4.25	5.56	0.69	0.114	
JTR-BN1005	3/8×21/2	1550	0.38	0.75	1.5	0.38	1.5	2.5	4.12	0.88	0.106	
JTR-BN1006	3/8×41/2	1550	0.38	0.75	1.5	0.38	2.5	4.5	6.12	0.88	0.134	
JTR-BN1007	3/8×6	1550	0.38	0.75	1.5	0.38	2.5	6	7.62	0.88	0.16	
JTR-BN1008	1/2×31/4	2600	0.5	1	2	0.5	1.5	3.25	5.38	1.12	0.229	
JTR-BN1009	1/2×6	2600	0.5	1	2	0.5	3	6	8.12	1.12	0.3	
JTR-BN1010	1/2×8	2600	0.5	1	2	0.5	3	8	10.12	1.12	0.373	
JTR-BN1011	1/2×10	2600	0.5	1	2	0.5	3	10	12.12	1.12	0.4	
JTR-BN1012	1/2×12	2600	0.5	1	2	0.5	3	12	14.12	1.12	0.519	
JTR-BN1013	1/2×15	2600	0.5	1	2	0.5	4	15	17.12	1.12	0.531	
JTR-BN1014	5/8×4	5200	0.62	1.25	2.5	0.62	2	4	6.69	1.44	0.469	
JTR-BN1015	5/8×6	5200	0.62	1.25	2.5	0.62	3	6	8.69	1.44	0.537	
JTR-BN1016	5/8×8	5200	0.62	1.25	2.5	0.62	3	8	10.69	1.44	0.614	
JTR-BN1017	5/8×10	5200	0.62	1.25	2.5	0.62	3	10	12.69	1.44	0.698	
JTR-BN1018	5/8×12	5200	0.62	1.25	2.5	0.62	4	12	14.69	1.44	0.76	
JTR-BN1019	5/8×15	5200	0.62	1.25	2.5	0.62	5	15	17.69	1.44	0.914	
JTR-BN1020	5/8×24	5200	0.62	1.25	2.5	0.62	6	24	26.69	1.44	1.269	
JTR-BN1021	3/4×41/2	7200	0.75	1.5	3	0.75	2	4.5	7.69	1.69	0.766	
JTR-BN1022	3/4×6	7200	0.75	1.5	3	0.75	3	6	9.19	1.69	0.839	
JTR-BN1023	3/4×8	7200	0.75	1.5	3	0.75	3	8	11.19	1.69	0.945	
JTR-BN1024	3/4×10	7200	0.75	1.5	3	0.75	3	10	13.19	1.69	1.068	
JTR-BN1025	3/4×12	7200	0.75	1.5	3	0.75	4	12	15.19	1.69	1.17	
JTR-BN1026	3/4×15	7200	0.75	1.5	3	0.75	5	15	18.19	1.69	1.355	
JTR-BN1027	7/8×5	10600	0.88	1.75	3.5	0.88	2.5	5	8.75	2	1.227	
JTR-BN1028	7/8×8	10600	0.88	1.75	3.5	0.88	4	8	11.75	2	1.4	
JTR-BN1029	7/8×12	10600	0.88	1.75	3.5	0.88	4	12	15.75	2	1.818	
JTR-BN1030	1×6	13300	1	2	4	1	3	6	10.31	2.31	1.914	
JTR-BN1031	1×9	13300	1	2	4	1	4	9	13.31	2.31	2.13	
JTR-BN1032	1×12	13300	1	2	4	1	4	12	16.31	2.31	2.455	
JTR-BN1033	1×18	13300	1	2	4	1	7	18	22.31	2.31	2.955	
JTR-BN1034	11/4×8	21000	1.25	2.5	5	1.25	4	8	13.38	2.88	3.409	
JTR-BN1035	11/4×12	21000	1.25	2.5	5	1.25	4	12	17.38	2.88	4.091	
JTR-BN1036	11/4×20	21000	1.25	2.5	5	1.25	6	20	25.38	2.88	5.5	



E



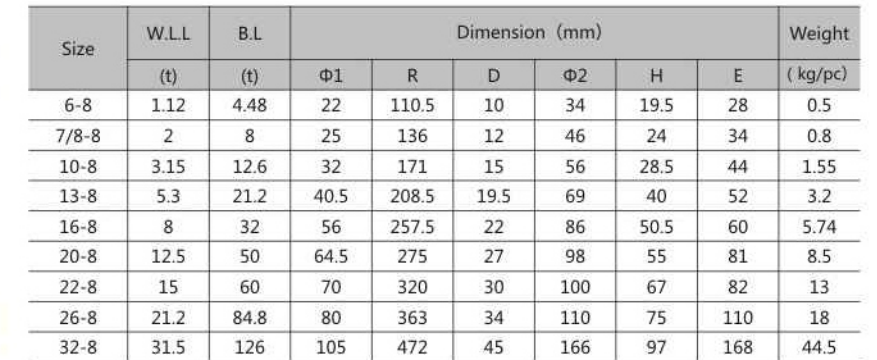
Technical drawing of a yellow oval ring. The drawing shows two views: a perspective view on the left and a top-down view on the right. The top-down view includes dimension lines for the overall height (A), overall width (B), and the thickness of the ring (D).

Size	W.L.L	B.L	Dimension (mm)			Weight
	(t)	(t)	A	B	D	kg/pc
1/2"	3.2	16	127	63.5	13	0.36
5/8"	4.1	20.5	152	76	16	0.7
3/4"	5.6	28	140	70	19	0.93
7/8"	6.8	34	160	90	22	1.5
1"	11	55	178	89	25	2.1
1-1/4"	16.4	82	222	111	32	4.24
1-1/2"	24.6	123	267	135	38	7.17
1-3/4"	38.5	192.5	305	152	45	11.55
2"	46.5	232.5	355	178	51	17.2
2-1/4"	64.9	324.5	406	203	57	24.5
2-1/2"	72.6	363	406	203	63.5	30.9
2-3/4"	98.4	492	406	241	70	39.5
3"	103.4	517	457	228	76	50.34
3-1/4"	119	595	508	254	82.5	65.68
3-1/2"	126.5	632.5	310	305	89	90.24
3-3/4"	152.4	762	508	254	95	89.27
4"	169.2	846	508	254	101.6	103.43

Technical drawing of a chain link showing dimensions A, B, C, D, a, b, c, d, and e. The drawing includes a perspective view of three links and a detailed cross-sectional view of a single link. The cross-section shows an oval shape with dimensions a and b, and a central hole with dimensions c and d. The overall dimensions of the link are A, B, C, and D.

Size	W.L.L	B.L	Dimension (mm)							Weight (kg/pc)
	(t)	(t)	A	B	D	a	b	d	s	
3/4"	4.1	20.5	140	70	20	85	40	14	7.6	1.55
1"	8.4	42	178	89	25	100	60	18	8.4	3.29
1-1/4"	14.1	70.5	220	110	32	100	60	22	13.5	7.18
1-1/2"	21.3	106.5	267	135	38	180	100	28	16.5	12.91
1-3/4"	33.3	166.5	305	152	45	180	100	35	18.5	21.25
2"	40.3	201.5	356	178	50	180	100	38	-	30.34

E



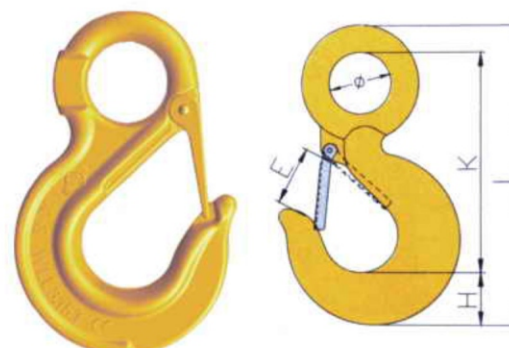
Technical drawing of a hook. The drawing includes a 3D perspective view on the left and a 2D cross-sectional view on the right. The 2D view shows a hook with a circular opening of diameter ϕ and a width of B at the top. It also shows a cross-section of the hook's body and a detail of the top part.

Size	W.L.L	B.L	Dimension (mm)					Weight
	(t)	(t)	E	B	H	Φ	R	(kg/pc)
6-8	1.12	4.48	29	8.5	19.5	34	95.5	0.5
7/8-8	2	8	34	9.5	24	46	121	0.8
10-8	3.15	12.8	44	12	28.5	56	146	1.5
13-8	5.3	21.2	52	15	40	69	182	2.8
16-8	8	32	60	18	50.5	86	218	5.6
20-8	12.5	50	83	25	55	98	240	7.5
22-8	15	60	88	25.5	67	100	276.5	11.5
26-8	21.2	84.8	95.5	30	75	110	310.5	18.5

Technical drawing of a hook with dimensions B, D, C, E, and I.

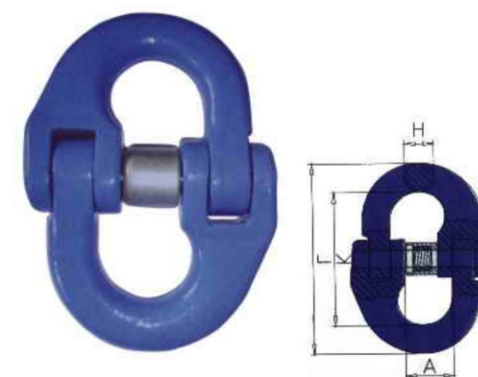
Size	W.L.L	B.L	Dimension (mm)						Weight
	(t)	(t)	B	C	D	L	T	E	(kg/pc)
6-8	1.12	4.48	32.5	22	11.25	170	34	29	0.71
7/8-8	2	8	35.5	26	12.5	210	46	34	1.1
10-8	3.15	12.6	42	34	15	247	56	44	2
13-8	5.3	21.2	50	38.5	16	302	69	52	4
16-8	8	32	61	55	21.5	383	86	60	7.3
20-8	12.5	50	72	61	26	418	98	83	11.6
22-8	15	60	95	95	33	527	100	88	16
26-8	21.2	84.8	122	115	42	610	110	95.5	21.5
32-8	31.5	126	140	146	52	777	166	150	79

JTR-HL07 G80 Eye Hook Witch Latch



Size	W.L.L (t)	B.L (t)	Dimension (mm)					Weight (kg/pc)
			Φ	E	H	K	L	
6-8	1.12	4.48	19	22	19	80	110	0.28
7/8-8	2	8	28	25	25	103	140.5	0.65
10-8	3.15	12.6	31	27.5	28	118	162	0.94
13-8	5.3	21.2	39	33	35	145	201	1.95
16-8	8	32	51	40	45	180	256	3.77
20-8	12.5	50	62	51	57	230	317	6.8
22-8	15	60	73	57	70	260	360	9.8
26-8	21.2	84.8	89	75	76	318	434	16.25
32-8	31.5	126	90	98	91	360	495.5	27.5

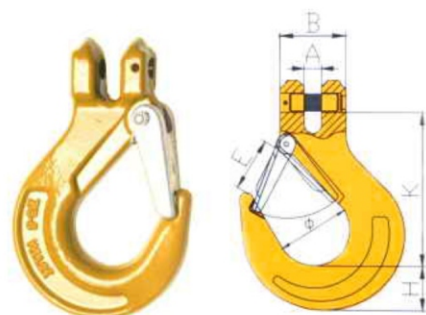
JTR-HL10 G100 European Type Connecting Link



Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.

Size	W.L.L (t)	B.L (t)	Dimension (mm)				Weight kg/pc
			H	A	K	L	
6-10	1.4	5.6	7.6	14	44.5	60	0.1
8-10	2.5	10	10	18.5	61.5	84.5	0.22
10-10	4	16	12.6	23	72	97.2	0.45
13-10	6.7	26.8	16.8	27.5	89	127	1.15
16-10	10	40	21	33.5	103	145	1.75
20-10	16	64	24.5	42	116	175	2.7
22-10	19	76	27	48	135	193	4.02
26-10	26.5	106	32	61	164	228	5.1
32-10	39.3	157.2	40	80	194	274	8.05

JTR-HL08 G80 Clevis Choke Ling



Size	W.L.L (t)	B.L (t)	Dimension (mm)						Weight (kg/pc)
			A	B	Φ	H	K	E	
6-8	1.12	4.48	8	32	35	23	76	26	0.32
7/8-8	2	8	9.5	37	37	32.5	85.5	29	0.52
10-8	3.15	12.8	13	49	46	35	104	39	1.05
13-8	5.3	21.2	16.5	56.5	56	42.5	128	47	2
16-8	8	32	22.5	70.5	60	54	150	55	3.7
20-8	12.5	50	24	77	79	58	180	61	6
22-8	15	60	27	91	101	62	213	72	10.4

JTR-HL11 G100 Eye Sling Hook with Latch



Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.

Size	W.L.L	B.L	Dimension (mm)					Weight
	(t)	(t)	D	E	H	Φ	L	kg/pc
6-10	1.4	5.6	10	18.5	21	20.5	111	0.32
8-10	2.5	10	11	25	27.5	25	137.5	0.6
10-10	4	16	16	28	33	34	171.5	1.2
13-10	6.7	26.8	19	38	43.5	43	219	2.2
16-10	10	40	4.5	44	50	50	260	3.5
20-10	16	64	27	52	56	55	298	7.15
22-10	19	76	29	66	62	60	330	11.5
26-10	26.5	106	35	73	75	70	367	14
32-10	39.3	157.2	39	87	89	66	427	17.5

JTR-HL09 G80 Swivel Hook with Latch



Size	W.L.L (t)	B.L (t)	Weight (kg/pc)
6-8	1.25	5	0.38
7/8-8	2	8	1
10-8	3.2	12.8	1.2
13-8	5.4	21.6	2.08
16-8	8.2	32.8	4.45
20-8	12.5	50	7.4
22-8	15	60	10.6

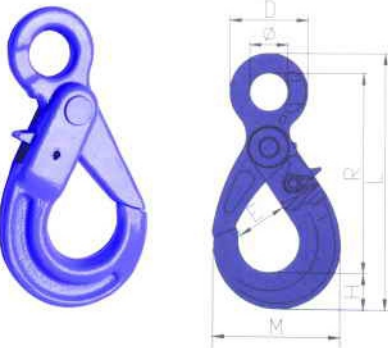
JTR-HL12 G100 Clevis Sling Hook with Latch



Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.

Size	W.L.L (t)	B.L (t)	Dimension (mm)						Weight kg/pc
			A	B	E	H	M	L	
6-10	1.4	5.6	7.5	32	18.5	21	68.5	109	0.33
8-10	2.5	10	9.5	37	25	27.5	88	134	0.7
10-10	4	16	12	48	28	33.5	105.5	161.5	1.3
13-10	6.7	26.8	15	59	38	42	134	203	2.3
16-10	10	40	17.5	70	44	50	160.5	248	3.6
20-10	16	64	25	85	52	56	190.5	297	7.3
22-10	19	76	27	100	66	62	214.5	326	12.1

JTR-HL13 G100
European Type Eye Self-Locking Hook



Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.

Size	W.L.L	B.L	Dimension (mm)							Weight
	(t)	(t)	Φ	D	E	H	R	M	L	kg/pc
6-10	1.4	5.6	21	43	28	20	110	70	141	0.33
8-10	2.5	10	27	51	35.5	26	137	90	175	0.7
10-10	4	16	34.5	64.5	45	30	169	108	212.5	1.3
13-10	6.7	26.8	40	80	53.5	40.5	209	138.5	270	2.3
16-10	10	40	50	104	62	50.5	254	170.5	331	3.6
20-10	16	64	60	120	76.5	62	277	192.5	369	7.3
22-10	19	76	70	134	80	66	319.5	205	417	12.1

JTR-HL14 G100
European Type Clevis Self-Locking Hook



Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.

Size	W.L.L	B.L	Dimension (mm)							Weight
	(t)	(t)	A	B	E	H	R	M	L	kg/pc
6-10	1.4	5.6	7.5	32	28	20	96	70	131	0.5
8-10	2.5	10	9.5	36	35.5	26	123	90	166	0.9
10-10	4	16	12	46	45	30	144	109	196.5	1.6
13-10	6.7	26.8	15	59	53.5	40.5	182	138.5	251	2.9
16-10	10	40	17.5	70	62	50.5	217	170.5	303	5.8
20-10	16	64	25	85	76.5	62	235	192.5	337.5	8.6
22-10	19	76	25.5	98	80	66	276.5	205	391	12.1

JTR-HL15 G100
European Type Swivel Self-Locking Hook



Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.

Size	W.L.L	B.L	Dimension (mm)							Weight
	(t)	(t)	B	C	D	E	H	M	L	kg/pc
6-10	1.4	5.6	32.5	23	11.5	28	20	70	184	0.6
8-10	2.5	10	36	28	13	35.5	26	90	229	1.1
10-10	4	16	42	35	15.5	45	30	109	269	2
13-10	6.7	26.8	50	40	17	53.5	40.5	138.5	330	4
16-10	10	40	61	56	21.5	62	50.5	170.5	413	6.8
20-10	16	64	72	62	26	76.5	62	192.5	463	12.5
22-10	19	76	97	94	33	80	66	205	572	17.1

JTR-HL16 G100
Eyes Shortening Grap Hook



Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.

Size	W.L.L	B.L	Dimension (mm)				Weight
	(t)	(t)	E	Φ	D	M	kg/pc
6-10	1.4	5.6	8	14.5	30.5	43.5	0.2
8-10	2.5	10	10.8	18	37	53	0.28
10-10	4	16	13.5	22.5	48.5	42	0.72
13-10	6.7	26.8	16.5	28	59	96	1.6
16-10	10	40	19.2	36	74	112.5	2.45
20-10	16	64	24	43.5	89.5	143	4.72
22-10	19	76	27	48.5	100.5	160.5	8.2

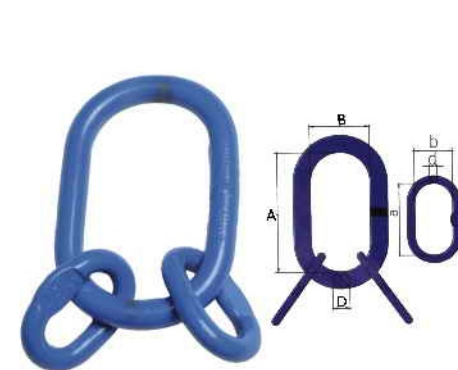
JTR-HL17 G100
Master Link with Flat



Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.

Size	W.L.L	B.L	Dimension (mm)			(CHAINΦ)			Weight
	(t)	(t)	A	B	D	1leg	2legs	3-4legs	kg/pc
10-10	1.4	5.6	80	50	10	5	5	5	0.14
13-10	2.3	9.2	110	60	13	6	6	6	0.34
16-10	3.5	14	110	60	16	7	7	7	0.53
18-10	5	20	135	75	18	8	8	8	0.83
22-10	7.6	30.4	160	90	23	10	10	10	1.6
26-10	10	40	180	100	27	13	13	13	2.46
32-10	14	56	200	110	33	16	16	16	4.14
36-10	25.1	100.4	260	140	36	19	19	19	6.22
45-10	30.8	123.2	340	180	45	22	22	22	12.85
50-10	40	160	350	190	50	26	26	26	16.55
56-10	60	240	400	200	60	32	32	32	27.01
72-10	81.5	326	460	250	70	-	-	-	45

JTR-HL18 G100
Master Link Assembly with Flat

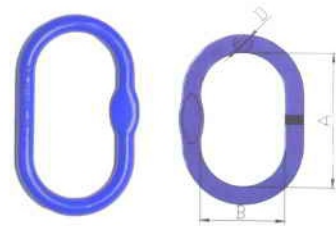


Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.

Size	W.L.L	B.L	Dimension (mm)						Weight
	(t)	(t)	A	B	D	a	b	d	kg/pc
6-10	3	12	135	75	19	54	25	13	1.3
8-10	5.3	21.2	160	90	23	70	34	16.5	2.33
10-10	8	32	180	100	27	85	40	19	3.7
13-10	14	56	200	110	33	115	50	23	6.5
16-10	21.2	84.8	260	140	36	140	65	27	10.1

JTR-HL19 G100
Welded Master Link with Flat

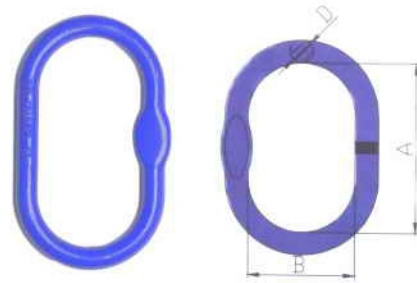
Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.



Size	W.L.L	B.L	Dimension (mm)			Weight
	(t)	(t)	A	B	D	
8/6-10	2.5	10	120	70	14	0.4
10/8-10	4	16	140	80	17	0.7
13/10-10	7.5	30	160	95	22	1.5
16/13-10	10	40	190	110	25	2.2
20/16-10	17	68	240	140	34	5.1
22/20-10	25	100	250	150	38	7.2

JTR-HL20 G100
Welded Master Link with Flat

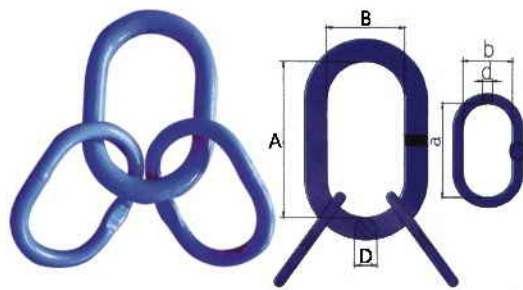
Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.



Size	W.L.L	B.L	Dimension (mm)			Weight
	(t)	(t)	A	B	D	
10/8-10	4	16	340	180	25	3.7
13/10-10	6.5	26	340	180	28	4.7
16/13-10	10	40	340	180	34	7
19/16-10	14.4	57.6	340	180	38	8.9

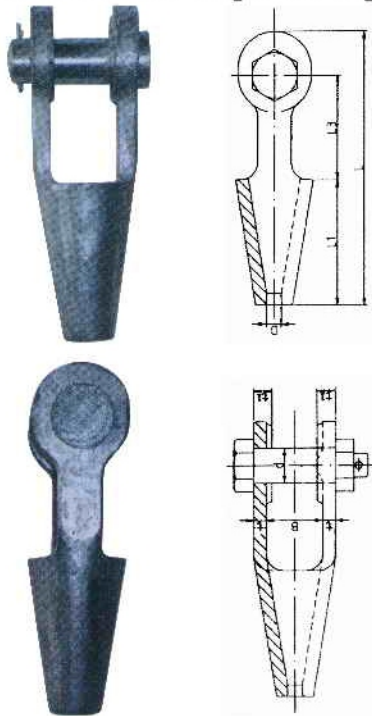
JTR-HL21 G100
Welded Master Link Assembly with Flat

Green painted.other colour is available as per request.
Working load limit permanently shown on the body.
Max proof load is 2.5 times of the working load limited.
Min.Breaking strength is 4 times of the W.L.L.



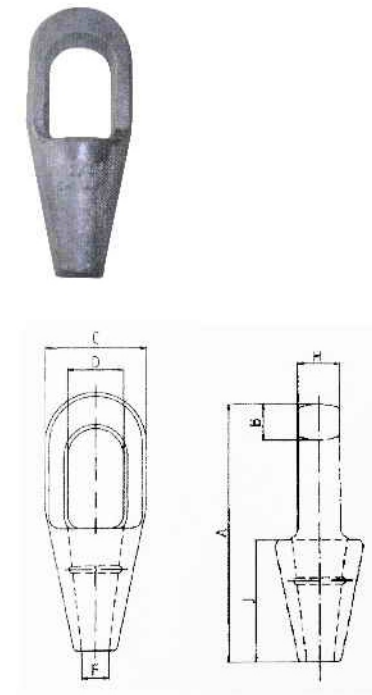
Size	W.L.L	B.L	Dimension (mm)						Weight
	(t)	(t)	A	B	D	a	b	d	
6-10	3.5	14	150	90	19	120	70	14	1.8
8-10	5	20	160	95	22	140	80	17	3
10-10	11.5	46	200	120	30	160	95	22	6.5
13-10	17	68	250	150	40	200	120	30	15
16-10	28	112	300	200	50	200	120	32	23

JTR-ST01 U.S.TYPE
Grooved Open Spelter Sockets (US416)



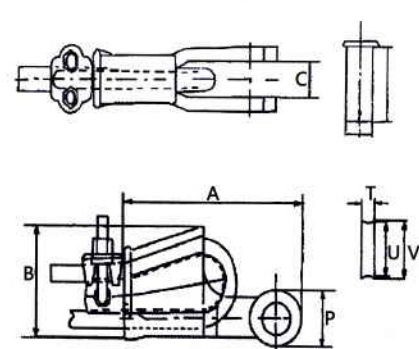
Diameter (in)	Dimensions (mm)					
	A	C	D	F	J	L
1/4	115.8	23.1	17.5	9.7	57	40
5/16-3/8	123	20.6	20.6	12.7	57	44.5
7/16-1/2	141.2	25.4	25.4	14.2	64	51
9/16-5/8	171.5	32	30	17.5	76	64
3/4	202	38.1	38.1	20.6	89	76
7/8	235	44.5	44.5	23.9	102	89
1	268	50.8	50.8	28.7	114	102
1-1/8	300	57.2	57.2	31.8	127	117
1-1/4-1-3/8	335	63.5	63.5	38.1	140	127
1-1/2	384	70	70	41.4	152	152
1-5/8	413	76.2	76.2	44.5	165	165
1-3/4-1-7/8	464	89	89	51	191	178
2-2-1/8	546	102	95.3	57	216	229
2-1/4-2-3/8	597	114.3	108	63.5	229	254
2-1/2-2-5/8	648	127	120.7	73	248	273
2-3/4-2-7/8	692	133.4	127	79	279	279
3-3-1/8	737	146	133.4	86	305	286
3-1/4-3-3/8	784	159	140	92	330	298
3-1/2-3-5/8	845	171.5	152.4	98.6	356	318
3-3/4-4	921	191	177.8	108	381	343

JTR-ST02 U.S.TYPE
Grooved Closed Spelter Sockets (US417)



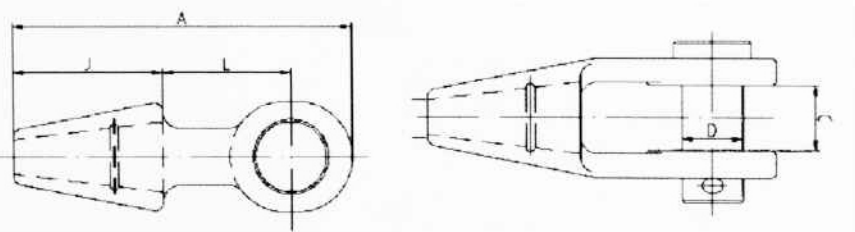
Diameter (in)	Dimensions (mm)						
	A	B	C	D	F	J	H
1/4	11.43	12.7	38	22.4	9.7	57	13
5/16-3/8	124	16	43	24.6	12.7	57	18
7/16-1/2	138.2	18	51	30	14.2	64	22
9/16-5/8	160.3	21	67	36	19.5	76	25
3/4	192	27	76	42	20.6	89	32
7/8	222.3	32	92	48	23.9	102	38
1	251	35	105	58	28.7	114	44
1-1/8	279	38	114	65	31.8	127	51
1-1/4-1-3/9	308	41.4	135	71.4	38.1	140	57
1-1/2	354	49	135	81	41.4	152	64
1-5/8	384	54	146	83	44.5	165	70
1-3/4-1-7/8	438	56	171	95	51	191	76
2-2-1/8	495	62	194	111	57	216	83
2-1/4-2-3/8	537	67	216	127	63.5	229	92
2-1/2-2-5/8	597	79	241	140	73	248	102
2-3/4-2-7/8	645	79	273	159	79	279	124
3-3-1/8	686	83	392	171	86	305	133
3-1/4-3-3/8	743	102	311	184	92	330	146
3-1/2-3-5/8	787	102	330	197	98.6	356	159
3-3/4-4	845	108	362	216	108	381	178

JTR-ST03 U.S.Type Wedge Sockets(US421)



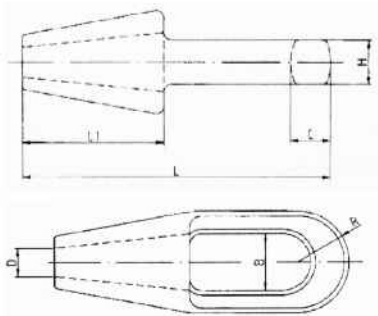
Diameter	Dimensions (mm)							
(in)	A	B	C	D	P	T	U	V
3/8	5.63	2.77	0.81	0.81	1.56	0.44	1.25	1.38
1/2	6.81	3.55	1	1	1.94	0.53	1.75	1.88
5/8	8.16	4.36	1.25	1.25	2.25	0.69	2	2.19
3/4	9.78	4.81	1.5	1.5	2.62	0.78	2.34	2.56
7/8	11.16	4.65	1.75	1.75	3.12	0.88	2.69	2.94
1	12.75	5.08	2	2	3.75	1.03	2.88	3.28
1-1/8	14.38	5.51	2.25	2.25	4.25	1.19	3.13	3.56
1-1/4	16	7.94	2.5	2.5	4.75	1.31	3.38	3.81

JTR-ST04 JIS Type Open Wire Rope Sockets



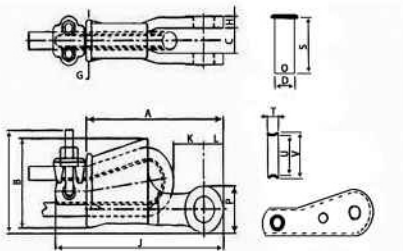
Size	Dimensions							
(mm)	D	d	B	L	L1	L3	t	t1
10	14	19	33	144	66	56	6	8
12	16	21	35	159	73	61	7	9
14	18	23	37	176	81	67	8	11
16	20	25	40	193	88	74	9	13
18	23	28	43	210	95	81	11	15
20	25	31	47	227	103	86	13	18
22	30	34	52	245	111	93	14	20
24	32	37	56	262	119	98	16	22
25	33	40	60	281	127	106	18	24
28	36	43	65	298	135	111	19	26
30	38	46	68	316	143	118	21	28
32	40	49	72	335	151	125	23	31
34	42	52	75	353	159	131	25	33
36	44	55	80	373	168	138	26	35
38	47	58	84	392	177	144	27	36
40	49	61	88	413	186	153	29	38
42	52	64	92	434	196	160	30	40
45	54	70	101	474	214	175	33	44
48	57	73	104	494	223	183	35	46
50	60	76	109	516	233	191	36	48
53	63	79	113	536	242	199	38	50
56	66	83	119	567	256	211	40	53
60	70	90	129	619	279	232	44	57
63	74	93	133	641	289	240	46	58

JTR-ST05 JIS Type Closed Wire Rope Sockets



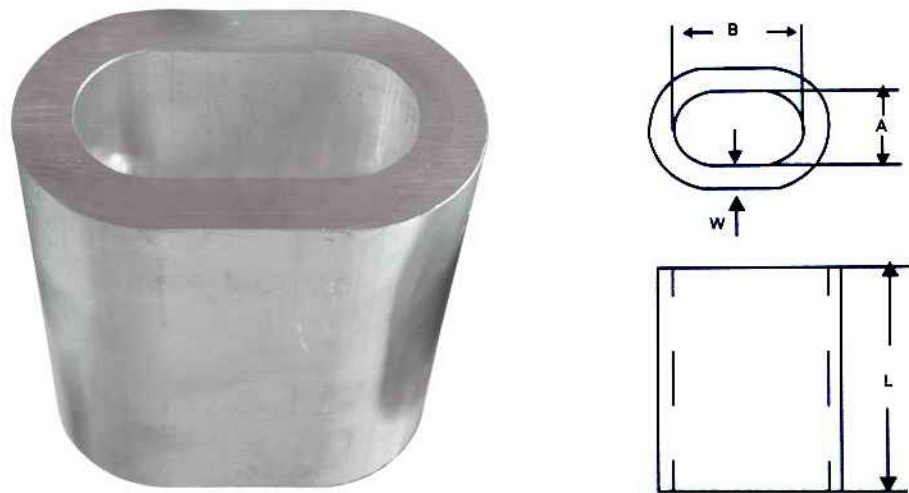
Size	Dimensions(mm)						
(mm)	D	B	C	L	L1	H	R
10	14	32	15	144	66	18	28
12	16	34	17	159	73	20	32
14	18	37	19	176	81	22	35
16	20	40	21	193	88	24	38
18	23	43	24	210	95	27	41
20	25	47	26	227	103	30	44
22	30	52	29	245	111	33	48
24	32	56	31	262	119	36	51
25	33	60	34	281	127	39	54
28	36	65	36	298	135	41	58
30	38	68	39	316	143	44	61
32	40	72	42	335	151	47	64
34	42	75	44	353	159	50	68
36	44	80	47	373	168	53	72
38	47	84	47	392	177	56	75
40	49	88	52	413	186	59	79
42	52	92	54	434	196	61	83
45	54	101	60	474	214	67	91
48	57	104	62	494	223	70	95
50	60	109	65	516	233	73	99
53	63	113	67	536	242	76	103
56	66	119	71	567	256	80	109
60	70	129	78	619	279	87	119
63	74	133	81	641	289	90	123

JTR-RW U.S. Type Wire Rope Wedge Joint



Model	Wire Rope Diameter	S-421T Weight	S-422T Weight	Main Dimensions (Inch) S-421T S-422T														
				A	B	C	D	G	H	J	K	L	P	R	S	T	U	V
LSSJ20110401	3/8	3.18	0.5	5.63	2.66	0.81	0.81	1.38	3.12	7.38	1.6	0.88	1.56	0.44	2.13	0.44	1.25	1.38
LSSJ20110402	1/2	6.15	1.05	6.81	3.53	1	1	1.62	3.85	8.75	1.21	1.06	1.94	0.5	2.56	0.53	1.75	1.88
LSSJ20110403	5/8	9.7	1.79	8.18	4.25	1.25	1.19	2.12	4.58	10.34	1.64	1.22	2.25	0.56	3.25	0.69	2	2.19
LSSJ20110404	3/4	14.5	2.6	9.78	4.96	1.5	1.38	2.44	5.37	12.03	2.17	1.4	2.62	0.66	3.63	0.78	2.34	2.56
LSSJ20110405	7/8	21.5	4.02	11.16	5.66	1.75	1.63	2.69	6.28	14	2.22	1.66	3.12	0.75	4.31	0.88	2.69	2.94
LSSJ20110406	1	30.75	5.37	12.75	6.31	2	2	2.94	7.02	15.86	2.71	2	3.75	0.88	4.7	1.03	2.88	3.28
LSSJ20110407	1-1/8	45.3	7.84	14.38	6.94	2.25	2.25	3.31	7.76	17.7	2.25	2.25	4.25	1	5.44	1.1	3.25	3.56
LSSJ20110408	1-1/4	57.5	6.81	16	7.53	2.5	2.5	3.56	/	/	2.5	2.5	4.75	1.12	6.13	1.31	3.38	3.81

JTR-AF Aluminum Ferrules DIN3093



JTR-AF0132	40	44	88	16.6	140	1734
JTR-AF0133	42	46.2	92.4	17.5	147	2024
JTR-AF0134	44	48.4	96.8	18.3	154	2314
JTR-AF0135	46	50.6	101.2	19.2	161	2662
JTR-AF0136	48	52.8	105.6	20	168	3010
JTR-AF0137	50	55	110	20.8	175	3412
JTR-AF0138	52	57.2	114.4	21.6	182	3813
JTR-AF0139	54	59.4	118.8	22.5	189	4293
JTR-AF0140	56	61.6	123.2	23.3	196	4772
JTR-AF0141	58	63.8	127.6	24.2	203	5326
JTR-AF0142	60	66	132	25	210	5880

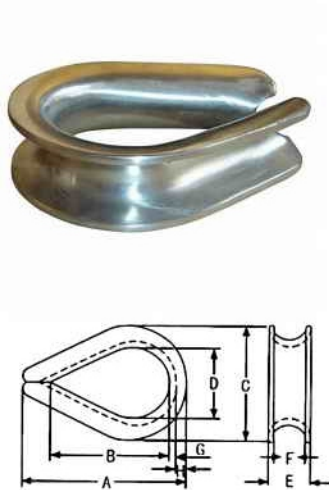
JTR-AS Aluminum Sleeve Hourglass



Product Code	Spec. Size	Rope Dia.	Ins. Dia.	Out. Dia.	Out. Width	Ins. Width	Length	Weight
		MM (m)	a (mm)	b (mm)	c (mm)	d (MM)		
JTR-AS0201	1/16	1.6	1.98	4.37	6.35	4	9.6	0.0004
JTR-AS0202	5/64	2	2.39	5.56	7.95	4.8	9.6	0.0007
JTR-AS0203	3/32	2.4	3.3	7.06	10.26	6.5	12.7	0.0015
JTR-AS0204	1/8	3.2	3.96	8.71	12.7	7.9	15.9	0.0029
JTR-AS0205	5/32	4	4.75	9.53	14.28	9.5	17.5	0.0036
JTR-AS0206	3/16	5.1	5.66	11.2	16.89	11.4	25.4	0.007
JTR-AS0207	7/32	5.6	6.35	12.7	19.05	12.7	27	0.01
JTR-AS0208	1/4	6.4	7.37	13.61	20.78	14.6	28.6	0.011
JTR-AS0209	9/32	7.1	7.92	14.27	22.35	16	30.2	0.013
JTR-AS0210	5/16	8	9.53	17.45	26.19	18.3	31.7	0.021
JTR-AS0211	3/8	9.5	11.13	19.05	29.36	21.4	36.5	0.027
JTR-AS0212	7/16	11.1	12.7	23.8	36.5	25.4	42.8	0.053
JTR-AS0213	1/2	12.7	14.27	27	41.28	28.5	50.8	0.08

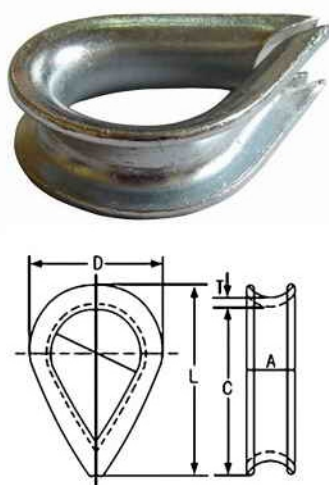
JTR-TE01
U.S. Type Heavy Duty Thimble G414

Product Code	Rope Dia.	Dimensions(in)								Weight Each (Kg/pc)
	(in)	A	B	C	D	E	F	G	H	
JTR-TE0101	*1/4	2.19	1.63	1.5	0.88	0.41	0.28	0.06	0.23	0.03
JTR-TE0102	*5/16	2.5	1.88	1.81	1.06	0.5	0.34	0.08	0.28	0.054
JTR-TE0103	*3/8	2.88	2.13	2.13	1.13	0.63	0.41	0.11	0.34	0.098
JTR-TE0104	7/16"	3.25	2.38	2.38	1.25	0.72	0.47	0.13	0.38	0.158
JTR-TE0105	*1/2	3.63	2.75	2.75	1.5	0.81	0.53	0.14	0.41	0.232
JTR-TE0106	9/16"	3.63	2.75	2.69	1.5	0.88	0.59	0.14	0.41	0.232
JTR-TE0107	*5/8	4.25	3.25	3.13	1.75	0.97	0.66	0.16	0.5	0.344
JTR-TE0108	*3/4	5	3.75	3.81	2	1.22	0.78	0.22	0.66	0.719
JTR-TE0109	*7/8	5.5	4.25	4.25	2.25	1.38	0.94	0.22	0.75	0.808
JTR-TE0110	*1	6.13	4.5	4.94	2.5	1.56	1.06	0.25	0.88	1.427
JTR-TE0111	11/8-11/4	7	5.13	5.88	2.88	1.81	1.31	0.25	1.13	1.818
JTR-TE0112	11/4-13/8	9	6.25	6.81	3.5	2.19	1.44	0.38	1.13	3.686
JTR-TE0113	13/8-11/2	9.06	6.5	7.13	3.5	2.56	1.56	0.5	1.13	5.885
JTR-TE0114	15/8	11.25	8	8.13	4	2.72	1.72	0.5	1.38	7.727
JTR-TE0115	13/4	12.19	9	8.5	4.5	2.84	1.84	0.5	1.31	8.068



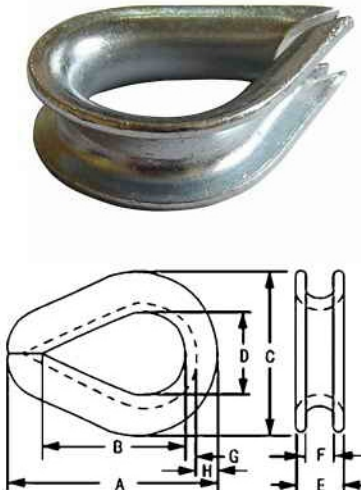
JTR-TE03
Commercial Type Thimble

Product Code	Size	Dimensions(in)						Weight (Kg/pc)
	(mm)	A	B	C	D	L	T	
JTR-TE0301	6	11	19	30	29	38	2.5	1.7
JTR-TE0302	8	13	21	35	30	45	2.5	3.7
JTR-TE0303	10	16	25	38	37	51	3	4.4
JTR-TE0304	12	18	32	49	45	64	3	7.3
JTR-TE0305	16	22	45	75	59	90	3.2	15.5
JTR-TE0306	20	25	49	81	67	102	4.8	20
JTR-TE0307	22	32	55	89	78	114	4.8	28
JTR-TE0308	24	33	59	99	83	127	5.5	40



JTR-TE04
DIN 6899 Type"A"Wire Rope Thimbles

Product Code	Rope Dia.	Switch Opening	Inside Length	Inside Width	Weight Each (kg/pc)
		a	i	C	
JTR-TE0401	2.5	3	21.5	10	0.0014
JTR-TE0402	3	3.5	23.5	11	0.0035
JTR-TE0403	3.5	4	26.5	12	0.0038
JTR-TE0404	4	5	28.5	13	0.0042
JTR-TE0405	5	6	30	14	0.0080
JTR-TE0406	6	7	33	15	0.0081
JTR-TE0407	7	8	35	16	0.011
JTR-TE0408	8	9	39	18	0.017
JTR-TE0409	9	10	43	20	0.021
JTR-TE0410	10	11	47.5	22	0.035
JTR-TE0411	11	12	51.5	24	0.037
JTR-TE0412	12	13	56.5	26	0.0525
JTR-TE0413	13	14	61	28	0.0725
JTR-TE0414	15	16	69.5	32	0.0833
JTR-TE0415	16	18	78	35	0.179
JTR-TE0416	18	20	86.5	40	0.27
JTR-TE0417	20	22	95	44	0.355
JTR-TE0418	24/26	26	105	48	0.52



JTR-TE02
U.S. Type Heavy Duty Thimble G411

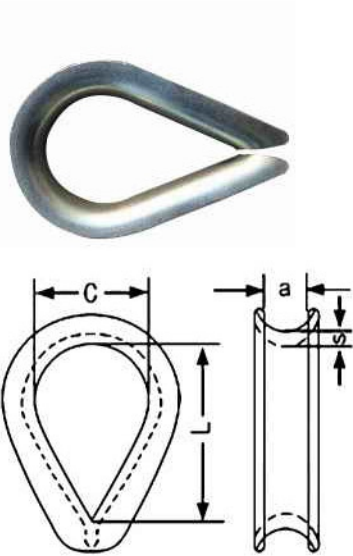
Product Code	Rope Dia.	Dimensions(in)								Weight Each (Kg/pc)
	(in)	A	B	C	D	E	F	G	H	
JTR-TE0201	*1/8	1.94	1.31	1.06	0.69	0.25	0.16	0.05	0.13	0.016
JTR-TE0202	*3/16	1.94	1.31	1.06	0.69	0.31	0.22	0.05	0.13	0.016
JTR-TE0203	*1/4	1.94	1.31	1.06	0.69	0.38	0.28	0.05	0.13	0.016
JTR-TE0204	*5/16	2.13	1.5	1.25	0.81	0.44	0.34	0.05	0.13	0.018
JTR-TE0205	*3/8	2.38	1.63	1.47	0.94	0.53	0.41	0.06	0.16	0.03
JTR-TE0206	*1/2	2.75	1.88	1.75	1.13	0.69	0.53	0.08	0.19	0.057
JTR-TE0207	*5/8	3.5	2.25	2.38	1.38	0.91	0.66	0.13	0.34	0.157
JTR-TE0208	*3/4	3.75	2.5	2.69	1.63	1.08	0.78	0.14	0.34	0.214
JTR-TE0209	*7/8	5	3.5	3.19	1.88	1.27	0.94	0.16	0.44	0.385
JTR-TE0210	*1	5.69	4.25	3.75	2.5	1.39	1.06	0.16	0.41	0.443
JTR-TE0211	11/8-11/4	6.25	4.5	4.31	2.75	1.75	1.31	0.22	0.5	0.795



Thimbles

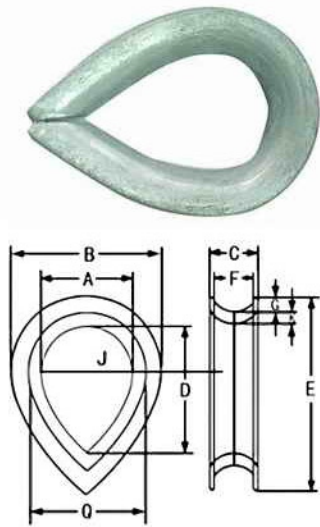
JTR-TE05 DIN 6899
Type"B"Wire Rope Thimbles

Product Code	Rope Dia.	Dimensions(in)				Weight Each (kg/pc)
		A	L	C	S	
JTR-TE0501	2.5	3	19	12	1.6	0.005
JTR-TE0502	3.5	4	21	13	1.6	0.008
JTR-TE0503	4	5	23	14	1.9	0.01
JTR-TE0504	5	6	25	16	2.4	0.016
JTR-TE0505	6	7	28	18	2.4	0.019
JTR-TE0506	7	8	32	20	2.8	0.03
JTR-TE0507	9	10	38	24	3.1	0.047
JTR-TE0508	11	12	45	28	3.3	0.068
JTR-TE0509	13	13	48	30	3.3	0.08
JTR-TE0510	13	14	51	32	3.7	0.1
JTR-TE0511	15	16	58	36	3.8	0.145
JTR-TE0512	16	17	61	38	4.7	0.18
JTR-TE0513	17	18	64	40	4.7	0.2
JTR-TE0514	18	20	72	45	5.7	0.29
JTR-TE0515	20	22	80	50	5.7	0.32
JTR-TE0516	22	24	90	56	6.5	0.47
JTR-TE0517	24	26	99	62	6.8	0.59
JTR-TE0518	26	28	112	70	8	0.8
JTR-TE0519	28	30	120	75	8	1.1
JTR-TE0520	30	32	128	80	8	1.23
JTR-TE0521	32	34	152	92	8.5	1.56
JTR-TE0522	34	36	160	100	8.5	1.76
JTR-TE0523	36	38	176	110	8.5	1.92



JTR-TE06 Thimble Ordinary
Thimbles For Steel Wire Rope

Product Code	Rope Dia.	Dimensions(in)									Weight Each (Kg/pc)
	(in)	A	B	C	D	E	F	G	K	Q	
JTR-TE0601	5/16"	22.2	38	12.7	33.4	52	7.9	4	4	30.1	0.077
JTR-TE0602	3/8"	25.4	47.6	14.3	38	64	10.3	6.3	4.8	35	0.1
JTR-TE0603	7/16"	28.6	52	17.5	41.3	73	12.7	7.9	4.8	38	0.107
JTR-TE0604	1/2"	31.7	53.8	20.6	44.5	79.4	14.3	7.9	5.5	42.9	0.17
JTR-TE0605	9/16"	31.7	58.8	20.6	44.5	79.4	14.3	7.9	5.5	42.9	0.189
JTR-TE0606	5/8"	41.3	74.5	22.2	58.8	95.8	15.9	8.7	7.9	56	0.3
JTR-TE0607	3/4"	50.8	92	28.6	73	124	20.6	11.1	9.5	69.8	0.6
JTR-TE0608	7/8"	56	102	31.7	82.5	133	22.2	12.7	9.5	76.2	0.69
JTR-TE0609	1	69.8	119	35	108	162	27	14.3	10.3	90.5	1.15
JTR-TE0610	11.8	76.2	133	38	112	178	28.6	15.9	12.7	102	1.4
JTR-TE0611	11.4	95	152	41.3	133	197	33.4	15.9	12.7	121	1.5
JTR-TE0612	8.13	105	175	47.6	152	228	38	19	15.9	137	2.5
JTR-TE0613	11.2	114	197	52	165	254	41.3	23.8	17.5	149	3.75
JTR-TE0614	8.15	114	197	58.6	165	254	42.9	23.8	17.5	149	3.91
JTR-TE0615	4.13	127	228	56	178	286	50.8	25.4	25.4	178	6.67
JTR-TE0616	8.17	133	248	66.6	190	317	60.4	28.6	28.6	190	8.42
JTR-TE0617	2	140	257	69.8	203	330	64	30.1	28.6	197	9.98



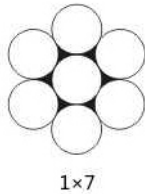
Rigging Items

WIRE
ROPESWIRE
ROPES



Specification: DIN3052
1×7

Nominal Diameter	Approx Weight	Nominal Tensile Strength	
		Minimum Breaking strength(KN)	
mm	kg/100m	1570N/mm²	1770N/mm²
0.6	0.18	0.308	0.347
0.8	0.32	0.547	0.617
1	0.5	0.855	0.963
1.5	1.13	1.92	2.17
2	2.01	3.42	3.85
2.5	3.14	5.34	6.02
3	4.52	7.69	6.67
3.5	6.15	10.5	11.8
4	8.03	13.7	15.4
4.5	10.2	17.3	19.5
5	12.6	21.4	-
6	18.1	30.8	-
7	24.6	41.9	-
8	32.1	54.7	-



1×7



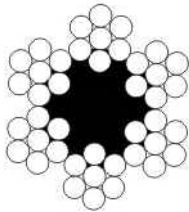
1X19

Specification: DIN3053
1×19

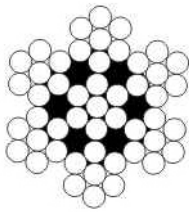
Nominal Diameter	Approx Weight	Nominal Tensile Strength	
		Minimum Breaking strength(KN)	
mm	kg/100m	1570N/mm²	1770N/mm²
1	0.5	0.825	0.92
1.2	0.71	1.19	1.34
1.5	1.11	1.86	2.09
2	1.98	3.3	3.72
2.5	3.1	5.15	5.81
3	4.46	7.42	8.37
3.5	6.06	10.1	11.4
4	7.93	13.2	14.9
5	12.4	20.6	23.2
6	17.8	29.7	33.5
7	24.3	40.4	45.6
8	31.7	52.8	59.5
9	40.1	66.8	75.3
10	49.5	82.5	93
11	59.9	99.8	-
12	71.3	119	-

Specification: DIN3055
6×7+FC, 6×7+WSC(7×7)

Nominal Diameter	Approx Weight		Nominal Tensile Strength					
			Minimum Breaking strength(KN)					
	kg/100m		1570N/mm²		1770N/mm²		1960N/mm²	
mm	FC	IWRC	FC	IWRC	FC	IWRC	FC	IWRC
1.2	0.514	0.566	-	-	0.85	0.91	0.94	1.01
1.5	0.8	0.88	-	-	1.32	1.43	1.46	1.58
1.8	0.94	1.27	-	-	1.9	2.06	2.1	2.28
2	1.43	1.57	-	-	2.35	2.54	2.6	2.81
2.5	2.23	2.46	-	-	3.67	3.97	4.06	4.4
3	3.22	3.54	-	-	5.29	5.71	5.86	6.32
4	5.72	6.29	-	-	9.41	10.2	10.4	11.3
5	8.94	9.83	-	-	14.7	15.9	16.3	17.6
6	12.9	14.2	-	-	21.1	22.9	23.4	25.4
7	17.5	19.3	-	-	28.8	31.1	31.9	34.4
8	22.9	25.2	33.4	36.1	37.6	40.6	41.6	45
9	28.9	31.8	42.2	45.6	47.6	51.4	-	-
10	35.7	39.3	52.2	56.3	58.8	63.5	-	-
11	43.2	47.5	63.1	68.2	71.1	76.8	-	-
12	51.6	56.7	75.1	81.1	84.7	91.5	-	-
13	60.4	66.4	88.1	95.2	99.4	107	-	-
14	70.1	77.1	102	110	115	124	-	-
15	91.5	101	134	144	-	-	-	-
18	116	128	169	183	-	-	-	-
20	143	157	209	225	-	-	-	-



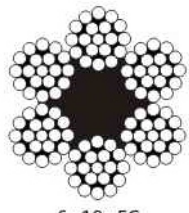
6×7+FC



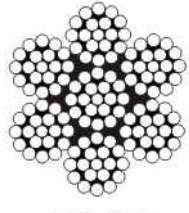
6×7+IWS

Specification: DIN3055
6×19+FC, 6×19+WSC or IWRC

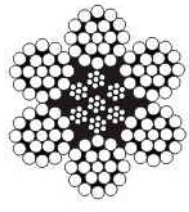
Nominal Diameter	Approx Weight		Nominal Tensile Strength					
			Minimum Breaking strength(KN)					
	kg/100m		1570N/mm²		1770N/mm²		1960N/mm²	
mm	FC	IWRC	FC	IWRC	FC	IWRC	FC	IWRC
2	1.38	1.52	-	-	2.18	2.35	2.41	2.6
2.5	2.16	2.38	-	-	3.4	3.67	3.76	4.06
3	3.11	3.42	-	-	4.9	5.29	5.43	5.86
4	5.54	6.09	-	-	8.7	9.4	9.63	10.4
5	8.65	9.52	-	-	13.6	14.7	15.1	16.3
6	12.5	13.8	-	-	19.6	21.2	21.7	23.5
7	17	18.7	-	-	26.7	28.8	29.6	31.9
8	22.1	24.3	30.9	33.3	34.8	37.6	38.5	41.6
9	28	30.8	39.1	42.2	44.1	47.6	48.8	52.7
10	34.6	38.1	48.2	52.1	54.4	58.8	60.2	65.1
11	41.9	46.1	58.4	36.1	65.8	71.1	72.9	78.7
12	49.8	54.8	69.5	75	78.3	84.6	86.7	93.7
13	58.5	64.3	81.5	88.1	91.9	99.3	-	-
14	67.8	74.6	94.6	102	107	115	-	-
16	88.6	97.4	124	133	139	150	-	-
18	112	123	156	169	176	190	-	-
20	138	152	193	208	218	235	-	-
22	167	184	234	252	263	284	-	-
24	199	219	278	300	313	338	-	-
26	234	257	326	352	368	397	-	-
28	271	298	378	409	-	-	-	-
30	311	343	434	470	-	-	-	-
32	354	390	494	534	-	-	-	-
36	448	494	625	675	-	-	-	-



6×19+FC



6×19+WSC



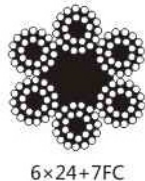
6×19+IWRC

Specification: BS302
6×12+7FC

Nominal Diameter	Approx Weight	Nominal Tensile Strength	
		Minimum Breaking strength(KN)	
mm	kg/100m	1570N/mm²	1770N/mm²
2	1	-	1.48
3	2.26	-	3.33
4	4.02	-	5.92
5	6.28	-	9.25
6	9.04	-	13.3
7	12.3	-	18.1
8	16.1	21	23.7
9	20.3	26.6	30
10	25.1	32.8	37
11	30.2	39.4	44.3
12	36.1	47.3	53.3
14	49.2	64.3	-
16	64.3	84	-



6×12+7FC



6×24+7FC

Specification: DIN3068
6×24+7FC

Nominal Diameter	Approx Weight	Nominal Tensile Strength	
		Minimum Breaking strength(KN)	
mm	kg/100m	1570N/mm²	1770N/mm²
6	11.45	-	17.9
7	15.6	-	24.3
8	20.4	28.2	31.8
9	25.8	35.6	40.1
10	31.8	44	49.6
11	38.5	53.2	-
12	45.8	633	-
13	53.8	74.3	-
14	62.4	86.2	-
16	81.5	113	-
18	103	143	-
20	127	176	-
22	154	213	-
24	183	253	-
26	215	297	-

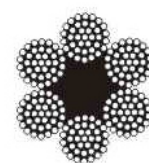
Usage : Mairne, General Industry, Lashing

Note : Stainless Steel Wire Rope is Available
Material : AISI316 or AISI304 as per requirement.
Construction : 7×7, 7×19,6×7,6×19,6×37,7×37,1×7,1×19

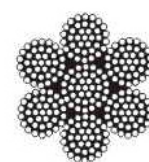
Specification: DIN3066

6×37+FC, 6×37+WSC or IWRC

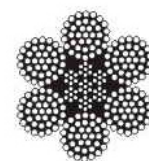
Nominal Diameter	Approx Weight		Nominal Tensile Strength					
			Minimum Breaking strength(KN)					
	kg/100m		1570N/mm ²		1770N/mm ²		1960N/mm ²	
mm	FC	IWRC	FC	IWRC	FC	IWRC	FC	IWRC
5	8.56	9.53	-	-	13.1	14.1	14.5	15.6
6	12.5	13.7	-	-	18.8	20.3	20.8	22.5
7	17	18.6	-	-	25.6	27.6	28.3	30.6
8	22.1	24.4	29.6	32	33.4	36.1	37	40
9	28	30.8	37.5	40.5	42.3	45.7	44.6	50.6
10	34.6	38.1	46.3	50	52.2	56.4	57.8	62.5
11	41.9	46.1	56	60.5	63.1	68.2	69.9	75.5
12	49.8	54.8	66.6	72	75.1	81.2	83.2	89.9
13	58.5	64.3	78.2	84.5	88.2	95.2	97.7	105.4
14	67.8	74.6	90.7	98	102	110	112.9	121.8
16	88.6	97.4	118	128	134	144	148.4	159.5
18	112	123	150	162	169	183	187.1	202.6
20	138	152	185	200	209	225	-	-
22	167	184	224	242	253	273	-	-
24	199	219	267	288	301	325	-	-
26	234	257	313	338	353	381	-	-
28	271	298	363	392	409	442	-	-
30	311	343	416	430	469	508	-	-
32	354	390	474	512	534	577	-	-
34	400	440	535	578	603	652	-	-
36	448	493	600	648	676	730	-	-
38	500	550	668	723	-	-	-	-
40	554	609	741	800	-	-	-	-
44	670	737	896	968	-	-	-	-
48	797	878	1070	1150	-	-	-	-



6×37+FC



6×37+WSC

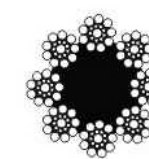


6×37+IWRC

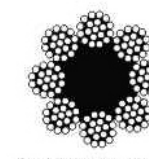
Specification: DIN3058 6×19(S)+FC 6×19(S)+ IWRC,

6×19(W)+FC, 6×19(W)+ IWRC

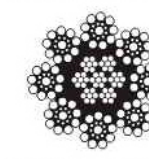
Nominal Diameter	Approx Weight		Nominal Tensile Strength			
			Minimum Breaking strength(KN)			
	kg/100m		1570N/mm ²		1770N/mm ²	
mm	FC	IWRC	FC	IWRC	FC	IWRC
6	13.4	14.8	-	-	21.1	22.8
7	18.3	20.1	-	-	28.7	31
8	23.8	26.2	33.2	35.9	37.5	40.5
9	30.2	33.2	42.1	45.35	47.4	51.2
10	37.3	41	52	56.1	58.6	63.8
11	45.1	49.6	62.9	67.9	70.9	76.5
12	53.7	59	74.8	80.8	84.3	91.1
13	63	69.3	87.8	94.8	99	107
14	73.1	80.4	102	110	115	124
15	83.9	92.3	117	126	132	142
16	95.5	105	133	144	150	162
17	108	119	150	162	169	183
18	121	133	168	182	190	205
19	135	148	188	203	211	228
20	149	164	208	224	234	253
22	181	198	251	272	283	306
24	215	236	299	323	337	364
26	252	277	351	379	396	428
28	292	321	407	440	459	496
30	336	369	467	505	-	-
32	382	420	532	575	-	-
36	483	531	673	727	-	-



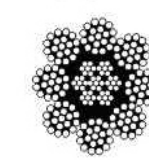
8×19 (S) +FC



8×19 (W) +FC



8×19 (S) +IWRC

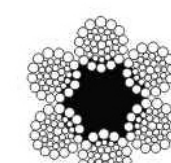


8×19 (W) +IWRC

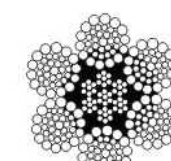
Specification : DIN3064

6×36(WS)+FC, 6×36(WS)+ IWRC

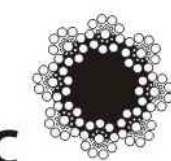
Nominal Diameter	Approx Weight		Nominal Tensile Strength			
			Minimum Breaking strength(KN)			
	kg/100m		1570N/mm ²		1770N/mm ²	
mm	FC	IWRC	FC	IWRC	FC	IWRC
12	54.7	60.2	74.4	80.6	84	89.9
13	64.3	70.7	87.4	94.6	98.3	106
14	74.5	82	101	109	114	124
16	97.3	107	133	143	149	161
18	123	135	168	181	189	204
20	152	167	203	223	233	252
22	184	202	250	270	282	304
24	219	241	298	321	336	362
26	257	283	340	377	394	425
28	298	328	405	438	457	493
30	342	376	466	503	525	567
32	389	428	530	572	598	644
34	439	483	598	646	675	728
36	496	542	671	724	756	816
38	549	604	748	807	-	-
40	608	669	828	894	-	-
42	670	737	913	985	-	-
44	736	810	1000	1080	-	-



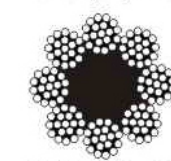
6×36 (WS) +FC



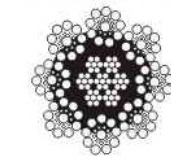
6×36 (WS) +IWRC



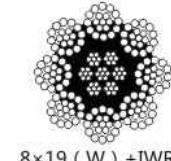
8×19 (S) +FC



8×19 (W) +FC



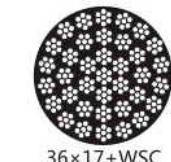
8×19 (S) +IWRC



8×19 (W) +IWRC



36×17+FC



36×17+WSC

Specification : DIN3062, 8×19(S)+FC

8×19(S)+ IWRC, 8×19(W)+FC, 8×19(W)+ IWRC

Nominal Diameter	Approx Weight		Nominal Tensile Strength			
			Minimum Breaking strength(KN)			
	kg/100m		1570N/mm ²		1770N/mm ²	
mm	FC	IWRC	FC	IWRC	FC	IWRC
10	34.6	42.5	45.1	53.2	50.8	59.9
11	42.2	51.4	54.5	64.3	61.5	72.5
12	50.2	61.2	64.9	76.6	73.2	86.3
13	58.9	71.9	76.1	89.8	85.9	101
14	68.3	83.3	88.3	104	99.6	117
15	78.4	95.7	101	120	114	135
16	89.2	109	115	136	130	153
17	101	123	130	154	147	173
18	113	138	146	172	165	194
19	126	153	163	192	183	216
20	139	170	180	231	203	240
22	169	206	218	257	246	290
24	201	245	260	306	293	345

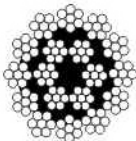
Specification : DIN3071,

36×7+FC, 36×7+ WSC

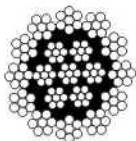
Nominal Diameter	Approx Weight		Nominal Tensile Strength			
			Minimum Breaking strength(KN)			
	kg/100m		1570N/mm ²		1770N/mm ²	
mm	FC	IWRC	FC	IWRC	FC	IWRC
16	100	103	125	128	141	144
18	126	130	159	162	179	186
20	156	161	196	200	221	225
22	189	195	237	242	267	273
24	225	231	282	288	318	325
26	264	272	331	338	374	381

Specification : DIN3069, 18×7+FC, 19×7

Nominal Diameter	Approx Weight		Nominal Tensile Strength			
			Minimum Breaking strength(KN)			
	kg/100m		1570N/mm²	IWRC	1770N/mm²	IWRC
mm	FC	IWRC	FC	IWRC	FC	IWRC
4	6.12	6.43	-	-	9.02	9.29
5	9.57	10	-	-	14.1	14.5
6	13.8	14.5	-	-	20.3	20.9
7	18.8	19.7	-	-	27.6	28.5
8	24.5	25.7	32	33	36.1	37.2
9	31	32.6	40.5	41.7	45.7	47
10	38.3	40.2	50	51.5	56.4	58.1
11	46.3	48.6	60.5	62.3	68.2	70.3
12	55.1	57.9	72	74.2	81.2	83.6
13	64.7	67.9	84.5	87.1	95.3	98.1
14	75	7.8	98	101	111	114
16	98	103	128	132	144	149
18	124	130	162	167	183	188
20	153	161	200	206	226	232
22	185	195	242	249	273	281
24	220	231	288	297	325	335
26	259	272	338	348	381	393



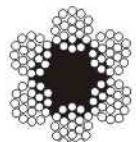
18X7+CF



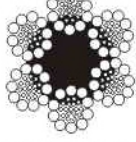
19X7

Specification : DIN3057, 6×25(Fi)+FC, 6×25(Fi)+ IWRC, 6×26(WS)+FC, 6×26(WS)+ IWRC

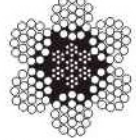
Nominal Diameter	Approx Weight		Nominal Tensile Strength			
			Minimum Breaking strength(KN)			
	kg/100m		1570N/mm²	IWRC	1770N/mm²	IWRC
mm	FC	IWRC	FC	IWRC	FC	IWRC
8	24.3	26.8	33.9	36.6	38.3	41.3
9	30.8	33.9	42.9	46.4	48.4	52.3
10	38	41.8	53	57.3	59.8	64.6
11	46	50.6	64.2	69.3	72.3	78.1
12	54.7	60.2	76.3	82.5	86.1	93
13	64.3	70.6	89.6	96.8	101	109
14	74.5	82	104	112	117	127
15	85.5	94.1	119	129	135	145
16	97.3	107	136	147	153	165
17	110	121	153	166	173	187
18	123	135	172	186	194	209
19	137	151	191	207	216	233
20	152	167	212	229	239	258
22	184	202	257	277	289	312
24	219	241	305	330	344	372
26	257	283	358	387	404	436
28	298	328	416	449	469	506
30	324	376	478	515	538	581
32	389	428	543	586	612	661
36	493	542	687	742	775	837



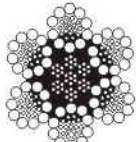
6×25 (Fi) +FC



6×26 (WS) +FC



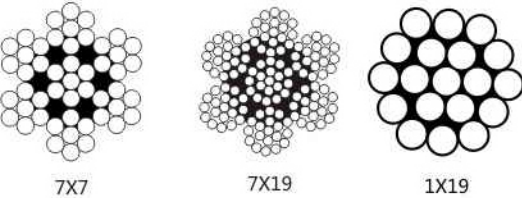
6×25 (Fi) +IWRC



6×26 (WS) +IWRC

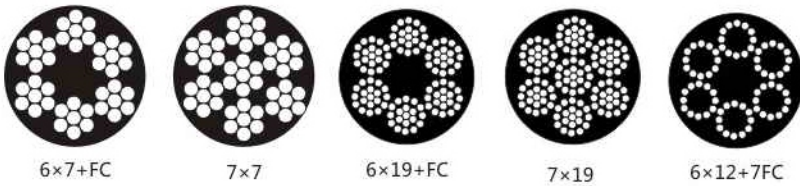
Galvanized Aircraft Cables(not for aircraft use)Specification:MIL-W-83420E improved Plow Steel(IPS)

PVC/PP/PE Coated Cables



Nominal Diameter	Tolerance on Dia in	Approx Weight		Minimum Breaking Strength	
		kg/1000'	lb/1000'	lb	lb
7×7	-	-	-	-	-
3/64	0.008	1.19	4.2	270	270
1/16	0.01	3.4	7.5	480	480
3/32	0.012	7.26	16	920	920
1/8	0.014	12.93	28.5	1700	1700
5/32	0.016	19.5	43	2600	2400
3/16	0.018	28.1	62	3700	3700
1/4	0.018	48.1	106	6100	6100
5/16	0.022	75.8	167	9200	9000
3/8	0.026	107.1	236	13300	12600
7×19	-	-	-	-	-
3/32	0.012	7.89	17.4	1000	920
1/8	0.014	13.15	29	2000	1760
5/32	0.016	20.4	45	2800	2400
3/16	0.018	29.48	65	4200	3700
7/32	0.018	39	86	5600	5000
1/4	0.018	49.9	110	7000	6400
9/32	0.02	63	139	8000	7800
5/16	0.022	78.5	173	9800	9000
3/8	0.026	110.2	243	14400	12000
1×19	-	-	-	-	-
3/64	0.008	2.14	4.7	280	280
1/16	0.01	3.81	8.4	500	500
3/32	0.012	8.55	18.9	1200	1200
1/8	0.014	15.26	33.6	2100	2100
5/32	0.016	23.8	52.5	3300	3300
3/16	0.018	34.2	75.4	4700	4700
1/4	0.018	60.8	134	8200	8200
5/16	0.022	95.1	210	12500	12500
3/8	0.026	137	302	18000	17500

Note : Stainless Steel Wire Rope is Available
Material : AISI316 or AISI304 as per requirement.
Construction : 7×7, 7×19,6×7,6×19,6×37,7×37, 1×7,1×19



Construction	Diameter (mm)	Unit Weight (kg/100m)	MBS(KN)	
			1770N/mm²	1770N/mm²
6×7+FC PVC/PP/PE	1.5-2.5	1.27	1.32	1.46
	2.0-3.0	2	2.35	2.6
	3.0-4.0	4.02	5.29	5.86
	3.0-5.0	5.04	5.29	5.86
	4.0-5.0	6.74	9.41	10.4
	4.0-6.0	8	9.41	10.4
	5.0-6.0	10.18	14.7	16.3
	6.0-8.0	16.04	21.1	23.4
7×7 PVC/PP/PE	8.0-10	26.95	37.6	41.6
	1.5-2.5	1.35	1.43	1.58
	2.0-3.0	2.14	2.54	2.81
	3.0-4.0	4.34	5.71	6.32
	3.0-5.0	5.36	5.71	6.32
	4.0-5.0	7.31	10.2	11.3
	4.0-6.0	8.56	10.2	11.3
	5.0-6.0	11.08	15.9	17.6
6×19+FC PVC/PP/PE	6.0-8.0	17.34	22.9	25.4
	8.0-10	29.25	40.6	45
	3.0-4.0	3.91	4.9	5.43
	3.0-5.0	4.93	4.9	5.43
	4.0-5.0	6.56	8.7	9.63
	4.0-6.0	7.82	8.7	9.63
	5.0-6.0	9.9	13.6	15.1
	6.0-8.0	15.64	19.6	21.7
7×19 PVC/PP/PE	8.0-10	26.24	34.8	38.5
	10-12	39.6	54.4	60.2
	12-14	55.74	78.3	86.7
	3.0-4.0	4.23	5.29	5.86
	3.0-5.0	5.25	5.29	5.86
	4.0-5.0	7.12	9.4	10.4
	4.0-6.0	8.38	9.4	10.4
	5.0-6.0	10.78	14.7	16.3
6×12+7FC PVC/PP/PE	6.0-8.0	16.9	21.2	23.5
	8.0-10	28.48	37.6	41.6
	10-12	43.1	58.8	65.1
	12-14	60.8	84.6	93.7
	2.0-3.0	1.57	1.48	1.64
	3.0-4.0	3.06	3.33	3.69
	3.0-5.0	4.08	3.33	3.69
	4.0-5.0	5.04	5.92	6.56