



宁波九龙五金有限公司  
NINGBO JIULONG HARDWARE CO.,LTD.

LIFTING SOLUTIONS  
CARGO CONTROL PRODUCTS  
MACHINERY RIGGING HARDWARE

2011 EDITION



宁波九龙五金有限公司

NINGBO JIULONG HARDWARE CO.,LTD.

公司地址：浙江·宁波·宁海科技工业园区B区8号

Add:NO .B-8Technology Industrial Park Ninghai  
Ningbo, China

Office Add:Room 508, Guangbo International Centre,  
No.1357 Yinxian Road,Ningbo,China

电话 (Tel) : 86-574-82815295/82815299

传真 (Fax) : 86-574-82815296

邮编 (P.C) : 315100

网址 (Http) : [www.jlhardware.com](http://www.jlhardware.com)

邮箱 (Email) : [sales@jlhardware.com](mailto:sales@jlhardware.com)



## NINGBO JIULONG HARDWARE

presents the finest quality, most reliable tiedowns, and strap and chain assemblies, we are designed to exceed the requirements of government and social association, on the road you will appreciate our flatbed products benefit.

- ▶ Long wearing heavy-duty steel construction
- ▶ Versatile products for secure use on various applications
- ▶ Weather-resistant load control straps tested for strength
- ▶ Specially engineered construction for maximum durability
- ▶ Quick and easy securement
- ▶ Custom products for your specific application.

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## 公司简介

宁波九龙五金有限公司是一家中外合资企业，且拥有浙江金龙机械索具有限公司与宁波登煌锻造有限公司。本公司位于山清水秀、风光迷人的中国东方明珠宁波市宁海高科技工业园区，紧靠国道线和高速公路，紧邻宁波机场、北仑港，交通十分便捷。

本公司是一家集厨具五金、置物架、超市货架、机械索具等系列产品设计、生产制造、销售为一体的专业公司。公司产品多达400多种，有十二项获得国家专利。由于产品设计精巧、造型别致、工艺精湛，已先后销往德国、美国、日本、台湾等十多个国家和地区，深受客户青睐。

本公司历来是具实力型企业，省重点企业，并被授予市“重合同、守信用”企业，市级文明单位，资信等级AAA级信用企业。

目前公司拥有固定资产18000多万元；占地面积66000多平方米；建筑面积42000多平方米。拥有员工1050多人。其中高级工程师158人，工程专业技术人员258人。拥有进口辊绕自动流水线二套，自动喷塑流水线四条，镀锌线二条，进口抽丝机四套，进口校直机18台，进口点焊机40台，进口折弯机4台，模具精加工设备30台，100T-500T液压机30台，大型液压剪板机2台，5T-250T冲床60台，160T-1000T摩擦压力机30台。先进精良的设备、高素质的员工队伍、强大的技术力量、孜孜不倦的创业精神，使本公司迅速成长为高科技、专业化生产厨具五金、置物架、超市货架、机械索具系列产品的制造企业。

本公司不仅有设计、研制各项厨具五金、置物架、超市货架、机械索具产品的雄厚实力，而且还具有从原材料到产品出厂一整套科学的全面质量管理体系，并通过了ISO9001质量管理体系认证。

本公司以“务实、创新、拼搏、卓越”为企业精神；以“坦荡做人、踏实做事、积极进取、终生学习”为企业文化；以“锐意创新、诚挚服务、信誉至上、品质第一”为经营宗旨，竭诚为广大客户提供品质齐全、质量上乘、外形精美的产品。

九龙公司全体员工热忱欢迎海内外朋友光临。

## COMPANYPROFILE

NINGBO JIULONG HARDWARE CO.,LTD. Is a joint venture company which owns three other subsidiaries:Zhejiang Julong Machinery Rigging Co., Ltd., Ninghai ShuangEn Rubber&Plastic Co., Ltd and Ninghai DengHuang Forging Co., Ltd. It locates in Ninghai High-tech industrial park Ningbo city--well-know as eastern pearl of China with beautiful sight-scene. As the park is just near to express way and main road, the transportation here is very convenent with Ningbo airport,Beiluo port just nearby.

Our services cover designing, manufacturing and sales of kitchen utensils, hardware, wire shelf, supermarket shelves, machinery and riggings. There are over 400 products, among them 12 have got national patent. Owing to our refined design, original appearance and excellent workmanship, our products are now popular in over ten countries and areas like the Stetas, Germany,Janpan and Taiwan etc.

For years, we have been the keen manufacturing company in our area and have won the titles as city is"Contract stressed and credit reliable" company, AAA credit ranking company.

Our fixed asset is over RMB180million(USD30million)and the company covers over66,000 square meters with buildings of 32000-square meters. Totally we have 1050 employees, 158of them are junior and senior engineers, 258are skilled technicians.

Here following are the main equipment we have:

Imported auto chrome-painting line	2 EA
Imported auto powder-painting line	4 EA
Imported auto zinc-painting line	2 EA
Imported threading-drawing machine	4 EA
Imported alignment machine	18 EA
Imported spot-welding machine	60 EA
Imported bending machine	4 EA
Mould finis-machining equipment	40 EA
100T-500THydraulic press Machine	10 EA
Large scalehydraulic palte-cutting machine	2 EA
5T-250T Punch machine	60 EA
160T-1000Tfriction press	40 EA

We are rapidly growing into a high-tech manufacturing company specialized in the production of kitchen hardware, wireshef, supermarket rigging series products with our advanced equipment, high efficiency stuffs, aggressive R&D and strong exploring spirit.

We can not only design and make all kinds of products within our product lines, we have set up an overall quality-control system from the raw material to finished products also. This enables us to pass ISO9001 approval.

We always hold our company idea "result-oriented, innovation, hard-working and surpassing" and this brings our unique company culture as "work behaving steady working, aggressive exploring and life-long studying" and our operation principles "Innovation, sincere, sincere, credit-stressing and supreme-quality".

We'd like to provide our customers with products of big variety, high quality and attractive appearance.



NINGBO JIULONG





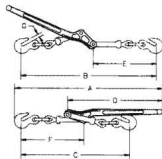
JIULONG HARDWARE&JINLONG RIGGING



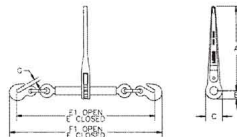
CHAIN LOAD BINDER  
CHAIN&ACCESSORY



WWW.JLHARDWARE.COM  
05-06



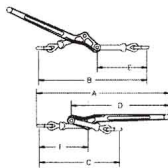
STANDARD LEVER TYPE LOAD BINDER



RATCHET TYPE LOAD BINDER

型号 Code NO.	规格 Min-Max Chain Size (in.)	工作负荷 Working Load Limit (lbs.)	测试拉力 Proof Load (lbs.)	破断负荷 Minimum Ultimate Strength (lbs.)	重量 Weight Each (lbs.)	手柄长度 Handle Length (in.)	各部位尺寸 Dimensions (in.)						
							A	B	C	D	E	F	G
LB1456	1/4-5/16	2200	4400	7800	3.52	11.57	18.11	17.32	14.17	11.18	8.46	6.30	.35
LB5638	5/16-3/8	5400	10800	19000	7.80	16.00	24.13	22.13	17.88	16.00	10.38	10.38	.47
LB3812	3/8-1/2	9200	18400	33000	12.15	18.50	27.81	25.75	21.25	18.69	12.00	12.00	.63
LB1258	1/2-5/8	13000	26000	46000	18.70	21.00	31.25	29.75	25.00	21.00	14.63	13.75	.72
LB-5638	*5/16-3/8	6600	13200	26000	8.00	16.00	24.13	22.13	17.88	16.00	10.38	10.38	.47

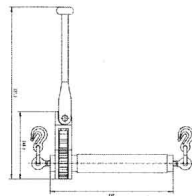
型号 Code NO.	规格 Min-Max Chain Size (in.)	工作负荷 Working Load Limit (lbs.)	测试拉力 Proof Load (lbs.)	破断负荷 Minimum Ultimate Strength (lbs.)	重量 Weight Each (lbs.)	手柄长度 Handle Length (in.)	螺套长度 Barrel Length (in.)	收绳距 Take Up (in.)	各部位尺寸 Dimensions (in.)										
									A	B	C	E	F	F1	G				
RB1456	1/4-5/16	2200	4400	7800	3.52	7.16	6.30	4.65	7.16	.89	1.77	17.4	22.04	18.2	23.84	.38			
RB5638	5/16-3/8	5400	10800	19000	7.80	13.42	9.92	8.0	13.92	1.30	2.60	23.78	31.78	26.14	34.14	.47			
RB3812	3/8-1/2	9200	18400	33000	12.15	13.92	9.92	8.0	13.92	1.30	2.60	23.82	31.82	26.93	34.93	.63			
RB1258	1/2-5/8	13000	26000	46000	18.70	13.92	9.92	8.0	13.92	1.30	2.60	25.90	25.90	29.97	34.97	.72			
RB-5638	*5/16-3/8	6600	13200	26000	11.00	13.42	9.92	8.0	13.92	1.30	2.60	23.78	25.14	26.14	34.14	.47			



BINDER WITH LINKS ONLY (LESS HOOKS)

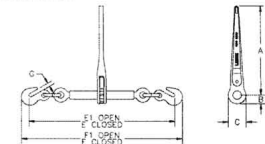


SHORT HANDLE RATCHET LOAD BINDER

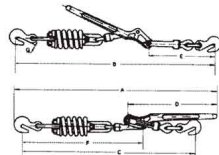
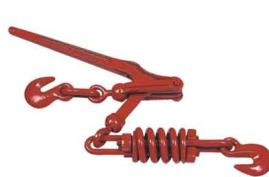
UNFOLD RATCHET LOAD BINDER  
(RUBBER PROTECTIVE AVAILABLE)

RATCHET TYPE LOAD BINDER WITH WING/PIN HOOK  
SAFETY LOCK IN BARREL

P.S. New design hook can be selected to protect the chain for all load binders

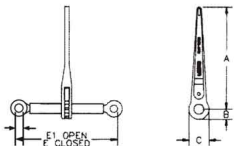


型号 Code NO.	规格 Min-Max Chain Size (in.)	工作负荷 Working Load Limit (lbs.)	测试拉力 Proof Load (lbs.)	破断负荷 Minimum Ultimate Strength (lbs.)	重量 Weight Each (lbs.)	手柄长度 Handle Length (in.)	螺套长度 Barrel Length (in.)	收绳距 Take Up (in.)	各部位尺寸 Dimensions (in.)							
									A	B	C	E	E1	F	F1	G
RB06W	6mm	2200	4400	7800	3.52	7.16	6.30	4.65	7.16	.89	1.77	17.44	22.04	19.2	23.84	.35
RB08W	8mm	5400	10800	19000	10.50	13.42	9.92	8.0	13.92	1.30	2.60	23.78	31.78	26.14	34.14	.47
RB10W	10mm	9200	18400	33000	12.20	13.92	9.92	8.0	13.92	1.30	2.60	23.82	31.82	26.93	34.93	.63
RB13W	13mm	13000	26000	46000	14.38	13.92	9.92	8.0	13.92	1.30	2.60	25.90	33.90	29.57	34.57	.72
RB16W	16mm	24000	48000	72000	19.00	13.92	11.00	10.0	13.92	1.30	2.60	26.50	34.80	31.60	39.90	.92

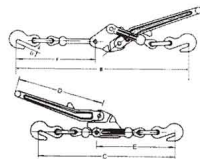


SPRING LOAD BINDER

型号 Code NO.	规格 Min-Max Chain Size (in.)	工作负荷 Working Load Limit (lbs.)	测试拉力 Proof Load (lbs.)	破断负荷 Minimum Ultimate Strength (lbs.)	重量 Weight Each (lbs.)	手柄长度 Handle Length (in.)	各部位尺寸 Dimensions (in.)						
							A	B	C	D	E	F	G
SLB5638	5/16-3/8	5400	10800	16200	12.30	15.43	34.06	31.70	27.76	15.43	10.62	19.29	.47
SLB3812	3/8-1/2	9200	18400	33000	19.81	17.24	38.90	37.12	33.62	17.24	13.78	22.78	.63

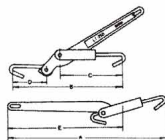
RATCHET TYPE LOAD BINDER  
WITHOUT LINKS OR HOOKS

型号 Code NO.	规格 Min-Max Chain Size (in.)	工作负荷 Working Load Limit (lbs.)	测试拉力 Proof Load (lbs.)	破断负荷 Minimum Ultimate Strength (lbs.)	重量 Weight Each (lbs.)	手柄长度 Handle Length (in.)	螺套长度 Barrel Length (in.)	收绳距 Take Up (in.)	各部位尺寸 Dimensions (in.)							
									A	B	C	E	E1	F	F1	G
RB06	6mm	2200	4400	7800	3.52	7.16	6.30	4.65	7.16	.89	1.77	17.44	22.04	19.2	23.84	.35
RB08	8mm	5400	10800	19000	10.50	13.42	9.92	8.0	13.92	1.30	2.60	23.78	31.78	26.14	34.14	.47
RB10	10mm	9200	18400	33000	12.20	13.92	9.92	8.0	13.92	1.30	2.60	23.82	31.82	26.93	34.93	.63
RB13	13mm	13000	26000	46000	14.38	13.92	9.92	8.0	13.92	1.30	2.60	25.90	33.90	29.57	34.57	.72
RB16	16mm	24000	48000	72000	19.00	13.92	11.00	10.0	13.92	1.30	2.60	26.50	34.80	31.60	39.90	.92



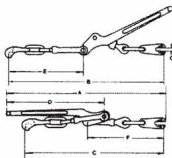
RECOILLESS CHAIN LOAD BINDER

型号 Code NO.	规格 Min-Max Chain Size (in.)	工作负荷 Working Load Limit (lbs.)	测试拉力 Proof Load (lbs.)	破断负荷 Minimum Ultimate Strength (lbs.)	重量 Weight Each (lbs.)	手柄长度 Handle Length (in.)	各部位尺寸 Dimensions (in.)					
							B	C	D	E	F	G
ILB5638	5/16-3/8	5400	10800	19000	9.25	13.00	23.62	22.32	13.10	11.26	11.26	.47



LTLLOAD BINDER

型号 Code NO.	规格 Min-Max Chain Size (in.)	工作负荷 Working Load Limit (lbs.)	测试拉力 Proof Load (lbs.)	破断负荷 Minimum Ultimate Strength (lbs.)	重量 Weight Each (lbs.)	手柄长度 Handle Length (in.)	各部位尺寸 Dimensions (in.)				
							A	B	C	D	E
LB175	175	175	350	750	0.4	/	/	/	/	/	/
LB250	250	250	500	880	1.43	9.05	12.40	8.82	5.00	2.75	9.05
LB375	375	375	750	1300	1.40	9.05	12.20	9.50	5.16	3.23	9.05



LEVER TYPE LOAD BINDER (RRABBER)

型号 Code NO.	规格 Min-Max Chain Size (in.)	工作负荷 Working Load Limit (lbs.)	测试拉力 Proof Load (lbs.)	破断负荷 Minimum Ultimate Strength (lbs.)	重量 Weight Each (lbs.)	手柄长度 Handle Length (in.)	各部位尺寸 Dimensions (in.)						
							A	B	C	D	E	F	G
ALB1456	1/4-5/16	2200	4400	7800	3.62	11.42	18.43	19.10	15.74	11.42	9.13	8.82	.31
ALB5638	5/16-3/8	5400	10800	19000	8.56	15.43	25.67	25.66	24.36	15.43	12.28	12.28	.47
ALB3812	3/8-1/2	9200	18400	33000	12.38	17.24	30.47	31.53	27.71	17.24	15.44	15.44	.63

## G70 CHAIN



## G43 CHAIN

**Code No. Chain assemblies with Clevis Hooks**

<b>G7C8-16</b>	5/16-in.x16-ft.	Working Load Limit:4,700lbs.	Weight:17.40lbs./7.89kg.
<b>G7C8-20</b>	5/16-in.x20-ft.	Working Load Limit:4,700lbs.	Weight:21.70lbs./9.90kg.
<b>G7C8-25</b>	5/16-in.x25-ft.	Working Load Limit:4,700lbs.	Weight:26.70lbs./8.07kg.
<b>G7C10-16</b>	3/8-in.x16-ft.	Working Load Limit:6,600lbs	Weight:17.80lbs./7.10kg.
<b>G7C10-20</b>	3/8-in.x20-ft.	Working Load Limit:6,600lbs	Weight:22.20lbs./10.1kg.
<b>G7C10-25</b>	3/8-in.x25-ft.	Working Load Limit:6,600lbs	Weight:27.20lbs./12.40kg.
<b>G7C13-20</b>	1/2-in.x20-ft.	Working Load Limit:11,300lbs	Weight:53.60lbs./24.31kg.
<b>G7C13-25</b>	1/2-in.x25-ft.	Working Load Limit:11,300lbs	Weight:66.20lbs./30.01kg.

**Code No. Chain also available in bulk**

<b>G7C6-400</b>	1/4-in,400-ft length	Weight:262lbs./119kg.
<b>G7C8-400</b>	5/16-in,400-ft length	Weight:408lbs./185kg.
<b>G7C10-200</b>	3/8-in, 200-ft length	Weight:248lbs./112kg.
<b>G7C13-100</b>	1/2-in, 100-ft length	Weight:251lbs./114kg.

\*CHAIN IN A PAIL ALSO AVAILABLE ,  
PLS CONTACT SALES

**Code No. Chain assemblies with Clevis Hooks**

<b>G4C6-20</b>	1/4-in.x20-ft.	Working Load Limit:2,600lbs.	Weight:13.56lbs./6.13kg.
<b>G4C8-20</b>	5/16-in.x20-ft.	Working Load Limit:3,900lbs.	Weight:22.60lbs./9.97kg.
<b>G4C10-20</b>	3/8-in.x20-ft.	Working Load Limit:5,400lbs	Weight:31.40lbs./14.24kg.

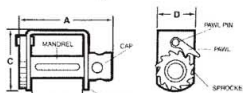
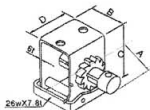
**Code No. Chain also available in bulk**

<b>G4C6-135</b>	1/4-in.x135-ft.	Working Load Limit:2,600lbs.	Weight:89.30lbs./40.50kg.
<b>G4C8-90</b>	5/16-in.x90-ft.	Working Load Limit:3,900lbs.	Weight:89.30lbs./40.50kg.
<b>G4C10-63</b>	3/8-in.x63-ft.	Working Load Limit:5,400lbs	Weight:90.40lbs./41.00kg.





Made with different base configurations,jiulong winches also feature seamless solid-steelmandrels, high-strength alloy pawl pins and powder coating to resist abrasion and rust. Unless otherwise specified, all winches are right hand models. Left hand models are also available.



Standard



WINCH SPECIFICATION

Item No.	A mm	B mm	C mm	D mm	Q' ty pcs/ctn	G, W kgs	N, W kgs	Volume cuft
W901	246	124	140	90	5	22.5	21.5	0.62
W902	204	124	110	100	5	21	20	0.47
W903	204	124	140	90	5	20.5	19.5	0.55
W904	204	124	158	90	5	20.5	22.5	0.65
W905	204	124	158	90	5	22	21	0.61
W906	204	124	150	102	5	21.5	20.5	0.58
W907	204	124	170	90	4	25.5	24.5	0.47
W908	204	124	110	100	5	22.5	21.5	0.61
W909	204	124	140	90	5	21.5	20.5	0.57
W910	204	124	158	90	5	24.5	23.5	0.61
W911	245	165	110	102	5	24	23	0.61
W912	245	165	140	90	5	22.5	21.5	0.67
W913	260	164	137	76	5	22.5	21.5	0.57
W914	260	240	140	100	5	32	31	0.78
W915	204	124	140	90	5	19.5	18.5	0.54
W916	204	124	140	90	5	19.5	18.5	0.54
W917	204	124	158	90	5	20	19	0.65
W918	204	124	140	100	5	21.5	20.5	0.61
W919	204	124	150	100	5	22.5	21.5	0.67
W920	204	124	152	100	5	22.5	21.5	0.67
W921	204	124	175	100	5	24.3	23.3	0.72
W922	204	124	156	100	5	24	24	0.58
W923	204	124	190	100	5	28.5	25.5	0.81
W924	248	124	175	100	5	27	26	0.81
W933	254	166	110	100	5	28.5	27.5	0.64
W934	254	166	140	102	5	30	29	0.82
W935	204	120	98	124	5	11.5	11.5	0.52
W936	255	171	95	124	5	19.5	18.5	0.6
W937	204	124	100	166	5	20.5	19.5	0.6
W938	204	124	151	90	5	20	19	0.74
W939	186	106	255	100	5	35	34	1.1
W940-2	206	54	190	90	5	27.8	26.8	1.26
W940-3	206	79	190	90	5	27.8	26.8	1.26
W940-4	206	105	190	90	5	27.8	26.8	1.26
W941	125	53	102	75	20	32	31	0.82
W942	149	53	102	75	20	34	34	1.14
W943	132	53	102	75	20	33	32	0.82
W944	128	53	102	75	20	28	27	0.66
W945	125	53	102	75	20	32	31	0.86
W946	125	53	114.3	75	20	32.5	31.5	0.91
W947	140	54	100	60	20	27	26	0.8



W901



W902



W903



W913



W914



W915



W904



W905



W906



W916



W917



W918



W907



W908



W909



W919



W920



W921



W910



W911



W912



W922



W923



W924



W925



W926



W927



W936



W937



W938



W928



W929



W930



W939



W940-2.3.4



W941



W931



W932



W927-9M



W942



W943



W944



W933



W934



W935



W945

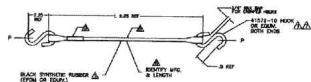


W946



W947

## Tarp Straps



PART NUMBER	LENGTH MARKING	MAXIMUM STRETCH MARKING
JLTS001	9"HEAVY DUTY	18"HEAVY DUTY
JLTS002	15"HEAVY DUTY	30"HEAVY DUTY
JLTS003	21"HEAVY DUTY	42"HEAVY DUTY
JLTS004	31"HEAVY DUTY	62"HEAVY DUTY
JLTS005	41"HEAVY DUTY	82"HEAVY DUTY

Breaking Capacity 14lbs  
Load at 100% Elongation 35lbs



JLTS006 - JLTS007 - JLTS008  
3/8 Solid Core Rubber Rope  
7/16 Solid Core Rubber Rope  
Rubber Hook Also Supply



Single Cleat/Double Cleat  
WP001



Plastic Cleat  
WP002



WP003



WP004



4"Plastic Corner protectors  
JLCP001  
Weight: 0.22lbs/0.1kg.



4"Plastic Corner protectors  
JLCP002  
Weight: 0.132lbs/0.06kg.



12"Plastic Corner protectors  
JLCP003  
Weight: 0.47lbs/0.21kg.



3"4"rubber  
JLCP004



Tarp protector  
JLCP005



JLCP006



JLCP007



JLCP008



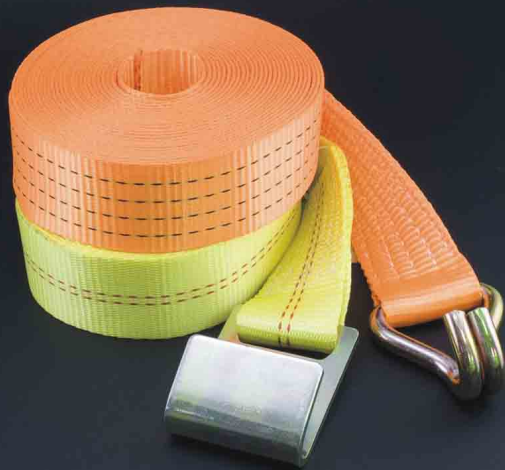
JLCP009



JLCP010

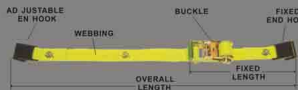


JLCP011



**ANATOMY OF A RATCHET STRAP**

Length: The distance between extreme and bearing points of the web fasten assembly including the fitting. Standard fixed end length is 15" (33" for chain anchor straps). This puts ratchet in optimum position on side of trailer for driver fastening. Handholds are typically 6" in length and can be seen to prevent the webbing from sliding back through the buckle or winch.



**TIEDOWN STRAPS & ASSEMBLIES**



Engineered for strength and durability, Jiulong ratchet buckle strap assemblies set the industry standard. The integrity of our high quality ratchet buckles set these assemblies apart from the rest. A complete line of Jiulong's standard and heavy-duty Assemblies and accessories can meet all of your specific requirements.

Breaking Strength Capacity: 11,000 lbs. / 5,000kg. Working Load Limit: 3,670lbs. / 1,668kg.

4" Ratchet Buckle Straps using 4" polyester webbing with 4" Ratchet Buckle

P. S. Wire hook , Chain Anchor, Delta Ring Can be selected to assembly



TD904 1 27-ft. Ratchet Strap W/ Fall Hooks  
TD904 2 30-ft. Ratchet Strap W/ Fall Hooks

Breaking Strength Capacity: 20,000lbs. / 9,090kg. Working Load Limit: 6,666lbs. / 3,030kg.

3" Ratchet Buckle Straps using 3" polyester webbing with 3" Ratchet Buckle

P. S. Wire hook , Chain Anchor, Delta Ring Can be selected to assembly



TD903 1 27-ft. Ratchet Strap W/ Fall Hooks  
TD903 2 30-ft. Ratchet Strap W/ Fall Hooks

Breaking Strength Capacity: 15,000lbs. / 6,818kg. Working Load Limit: 5,000lbs. / 2,272kg.

2" Ratchet Buckle Straps using 2" polyester webbing with 2" Ratchet Buckle

P. S. Wire hook , Chain Anchor, Delta Ring Can be selected to assembly



TD902A 1 27-ft. Ratchet Strap W/ Fall Hooks  
TD902A 2 30-ft. Ratchet Strap W/ Fall Hooks



TD902A 3 27-ft. Ratchet Strap W/ Fall Hooks  
TD902A 4 30-ft. Ratchet Strap W/ Fall Hooks

Breaking Strength Capacity: 10,000lbs. / 4,545kg. Working Load Limit: 3,333lbs. / 1,515kg.

2" Ratchet Buckle Straps using 2" polyester webbing with 2" Short-Wide Handle Ratchet Buckle

P. S. Wire hook , Chain Anchor, Delta Ring Can be selected to assembly



TD902B 1 27-ft. Ratchet Strap W/ Fall Hooks  
TD902B 2 30-ft. Ratchet Strap W/ Fall Hooks

Breaking Strength Capacity: 10,000lbs. / 4,545kg. Working Load Limit: 3,333lbs. / 1,515kg.

**Part No .TD402-3M-2**

Moto Utility Strap 1" x 3M  
Breaking Strength:1200lbs./545kg.

**Part No .TD901A-5M-2**

1"Ratchet Tie down Lashing(4.6m+0.4m)  
Lashing Capacity 250daN  
BS:500daN

**Part No .TD901B-5M-2**

1"Ratchet Tie down Lashing(4.6m+0.4m)  
Lashing Capacity 750daN  
BS:1500daN

**Part No .TD9015B-5M**

1.5"Ratchet Tie down Lashing(5m)  
Lashing Capacity 1000daN  
BS:2000daN

**Part No .TD902C-6M**

2"Ratchet Tie down Lashing(6m)  
Lashing Capacity 1000daN  
BS:2000daN

**Part No .TD902P-9M-2**

2"Ratchet Tie down Lashing(8.6m+0.4m)  
Lashing Capacity 2500daN  
BS:5000daN  
Any Sewing Design is available  
\* Any hook is available



Part No. TD001



Part No. TD002



Part No. TD003



Part No. TD004



Part No. TD005



Part No. TD006



Part No. TD007



Part No. TD008



Part No. TD009



Part No. TD010



Part No. TD011



Part No. TD012



Part No. TD013



Part No. TD014



Part No. TD015



Part No. TD016P



Part No. TD017P



Part No. TD018P



Part No. TD031P



Part No. TD032P



Part No. TD033P



Part No. TD019



Part No. TD020



Part No. TD021



Part No. TD034P



Part No. TD0035P



Part No. TD0036P



Part No. TD022P



Part No. TD023P



Part No. TD024P



Part No. TD037



Part No. TS038



Part No. TS039



Part No. TD025P



Part No. TD026P



Part No. TD027P



Part No. TD040P



Part No. TD041P

Reflective webbing  
Size:1"; 1.5"; 2"

Part No. TD028P



Part No. TD029P



Part No. TD030P

Webbing Slings  
B.S:From 1T~20T  
See Page 28-29Endless Type Webbing Slings  
B.S:From 1T~10T  
Single Ply&Double PlyRound Slings  
B.S:From 1T~20T  
See Page 30

## WEBBING



## LASHING WEBBING

Item No.	Width		Breaking strength		Standard color
	INCH	MM	LBS	KGS	
LW25-9	1	25	1980	900	Red, blue
LW25-10	1	25	2200	1000	Red, blue, yellow
LW25-11	1	25	2420	1100	Red, blue
LW25-13	1	25	2970	1350	blue, yellow, black
LW25-15	1	25	3410	1550	Yellow
LW25-18	1	25	3960	1800	Black
LW25-20	1	25	4400	2000	Red, blue, black
LW35-30	1.5	35	6600	3000	Red, blue, orange
LW50-27	2	50	9940	2700	Blue, yellow, gray
LW50-48	2	50	10560	4800	Blue, yellow, orange
LW50-50	2	50	11000	5000	Blue, yellow, orange
LW50-54	2	50	11880	5400	Blue, yellow, orange
LW50-60	2	50	13200	6000	Blue, yellow, orange
LW50-62	2	50	13640	6200	Blue, yellow, orange
LW50-75	2	50	16500	7500	Blue, yellow, orange
LW50-143	3	75	31460	14300	Yellow

## SLING WEBBING

Item No.	Width		Breaking strength		Standard color
	INCH	MM	LBS	KGS	
SB25-35	1	25	7700	3500	Purple
SB30-45	1.25	30	9900	4500	Purple
SB50-75	2	50	16500	7500	Green
SB60-90	2.5	60	19800	9000	Green
SB75-112	3	75	24750	11250	Yellow
SB75-120	3	75	26400	12000	Yellow
SB90-135	3.5	90	29700	13500	Yellow
SB120-163	4.75	120	40370	18350	Gray
SB125-187	5	125	41250	18750	Red
SB150-225	6	150	49500	22500	Brown
SB180-280	7.25	180	81600	28000	Brown
SB200-300	8	200	86000	30000	Blue
SB200-362	8	200	79640	36200	Blue
SB250-375	10	250	82500	37500	Orange
SB250-400	10	250	86000	40000	Red
SB250-451	10	250	96220	45100	Orange
SB300-450	12	300	99000	45000	Orange

## DOUBLE EYE FLAT WEBBING SLING

100% high tenacity polyester  
Low elongation  
With reinforced lifting eyes  
Length available: 1m to 10m  
Single ply and Double ply  
According to EN1492-1:2000  
Safety factor available: 6:1 7:1 8:1

## Eye types

Flat eye  
Reversed eye  
Folded eye 1/2 width from 1 sides  
Folded eye 1/2 width from 2 sides  
Folded eye 1/3 width



Item No.	Webbing width (mm)	Colour coded according to EN1492-1	Working load limit with 1 webbing sling					Working load limit with 2 webbing sling			
			Straight lift	Choked lift	β			Straight lift up to 45°	Choked lift up to 45°	Straight lift 45°-60°	Choked lift 45°-60°
					0°-7°	7°-45°	45°-60°				
WS-1	25	1T	1,000	0,800	2,000	1,400	1,000	1,400	1,120	1,000	0,800
WS-2	50	2T	2,000	1,600	4,000	2,800	2,000	2,800	2,240	2,000	1,600
WS-3	75	3T	3,000	2,400	6,000	4,200	3,000	4,200	3,360	3,000	2,400
WS-4	100	4T	4,000	3,200	8,000	5,600	4,000	5,600	4,480	4,000	3,200
WS-5	125	5T	5,000	4,000	10,000	7,000	5,000	7,000	5,600	5,000	4,000
WS-6	150	6T	6,000	4,800	12,000	8,400	6,000	8,400	6,720	6,000	4,800
WS-8	200	8T	8,000	6,400	16,000	11,200	8,000	11,200	8,960	8,000	6,400
WS-10	250	10T	10,000	8,000	20,000	14,000	10,000	14,000	11,200	10,000	8,000
WS-12	300	12T	12,000	9,600	24,000	16,800	12,000	16,800	13,440	12,000	9,600

Each 25mm webbing width is equal to 1 T capacity

Webbing width (mm)	Colour coded according to EN1492-1	Working load limit with 1 webbing sling					Working load limit with 2 webbing sling			
		Straight lift	Choked lift	β			Straight lift up to 45°	Choked lift up to 45°	Straight lift 45°-60°	Choked lift 45°-60°
				0°-7°	7°-45°	45°-60°				
30	1T	1,000	0,800	2,000	1,400	1,000	1,400	1,120	1,000	0,800
60	2T	2,000	1,600	4,000	2,800	2,000	2,800	2,240	2,000	1,600
90	3T	3,000	2,400	6,000	4,200	3,000	4,200	3,360	3,000	2,400
120	4T	4,000	3,200	8,000	5,600	4,000	5,600	4,480	4,000	3,200
150	5T	5,000	4,000	10,000	7,000	5,000	7,000	5,600	5,000	4,000
180	6T	6,000	4,800	12,000	8,400	6,000	8,400	6,720	6,000	4,800
240	8T	8,000	6,400	16,000	11,200	8,000	11,200	8,960	8,000	6,400
300	10T	10,000	8,000	20,000	14,000	10,000	14,000	11,200	10,000	8,000

Each 30mm webbing width is equal to 1 T capacity

Each stripe is equal to 1 T capacity



## ENDLESS FLAT WEBBING SLING

100% high tenacity polyester  
Low elongation  
Length available: 1m to 10m  
Single ply and Double ply  
According to EN1492-1:2000  
Safety factor available: 6:1 7:1 8:1



Webbing width (mm)	Colour coded according to EN1492-1	Working load limit with 1 webbing sling						Working load limit with 2 webbing sling				
		Straight lift	Choked lift	β				Straight lift up to 45°	Choked lift up to 45°	Straight lift 45°-60°	Choked lift 45°-60°	
				0°-7°	7°-45°	45°-60°	Up to 45°					
		1.0	0.8	2.0	1.4	1.0	0.7	0.5	1.4	1.12	1.0	0.8
25	1T	1,000	800	2,000	1,400	1,000	0,700	0,500	1,400	1,120	1,000	800
50	2T	2,000	1,600	4,000	2,800	2,000	1,400	1,000	2,800	2,240	2,000	1,600
75	3T	3,000	2,400	6,000	4,200	3,000	2,100	1,500	4,200	3,360	3,000	2,400
100	4T	4,000	3,200	8,000	5,600	4,000	2,800	2,000	5,600	4,480	4,000	3,200
125	5T	5,000	4,000	10,000	7,000	5,000	3,500	2,500	7,000	5,600	5,000	4,000
150	6T	6,000	4,800	12,000	8,400	6,000	4,200	3,000	8,400	6,720	6,000	4,800
200	8T	8,000	6,400	16,000	11,200	8,000	5,600	4,000	11,200	8,960	8,000	6,400
250	10T	10,000	8,000	20,000	14,000	10,000	7,000	5,000	14,000	11,200	10,000	8,000
300	12T	12,000	9,600	24,000	16,800	12,000	8,400	6,000	16,800	13,440	12,000	9,600

Each 25mm webbing width is equal to 1 T capacity

Webbing width (mm)	Colour coded according to EN1492-1	Working load limit with 1 webbing sling						Working load limit with 2 webbing sling				
		Straight lift	Choked lift	β				Straight lift up to 45°	Choked lift up to 45°	Straight lift 45°-60°	Choked lift 45°-60°	
				0°-7°	7°-45°	45°-60°	Up to 45°					
		1.0	0.8	2.0	1.4	1.0	0.7	0.5	1.4	1.12	1.0	0.8
30	1T	1,000	800	2,000	1,400	1,000	0,700	0,500	1,400	1,120	1,000	800
60	2T	2,000	1,600	4,000	2,800	2,000	1,400	1,000	2,800	2,240	2,000	1,600
90	3T	3,000	2,400	6,000	4,200	3,000	2,100	1,500	4,200	3,360	3,000	2,400
120	4T	4,000	3,200	8,000	5,600	4,000	2,800	2,000	5,600	4,480	4,000	3,200
150	5T	5,000	4,000	10,000	7,000	5,000	3,500	2,500	7,000	5,600	5,000	4,000
180	6T	6,000	4,800	12,000	8,400	6,000	4,200	3,000	8,400	6,720	6,000	4,800
240	8T	8,000	6,400	16,000	11,200	8,000	5,600	4,000	11,200	8,960	8,000	6,400
300	10T	10,000	8,000	20,000	14,000	10,000	7,000	5,000	14,000	11,200	10,000	8,000

Each 30mm webbing width is equal to 1 T capacity  
Each stripe is equal to 1 T capacity

## ROUND SLING

100% high tenacity polyester  
Low elongation  
Length available: 1m to 10m  
Single ply and Double ply  
According to EN1492-1:2000  
Safety factor available: 6:1 7:1 8:1



Item No.	Webbing with (mm)	Colour coded according to EN1492-1	Working load limit with 1 webbing sling						Working load limit with 2 webbing sling				
			Straight lift	Choked lift	β				Straight lift up to 45°	Choked lift up to 45°	Straight lift 45°-60°	Choked lift 45°-60°	
					0°-7°	7°-45°	45°-60°	Up to 45°					
			1.0	0.8	2.0	1.4	1.0	0.7	0.5	1.4	1.12	1.0	0.8
RS-1	Purple	1T	1,000	800	2,000	1,400	1,000	0,700	0,500	1,400	1,120	1,000	800
RS-2	Green	2T	2,000	1,600	4,000	2,800	2,000	1,400	1,000	2,800	2,240	2,000	1,600
RS-3	Yellow	3T	3,000	2,400	6,000	4,200	3,000	2,100	1,500	4,200	3,360	3,000	2,400
RS-4	Grey	4T	4,000	3,200	8,000	5,600	4,000	2,800	2,000	5,600	4,480	4,000	3,200
RS-5	Red	5T	5,000	4,000	10,000	7,000	5,000	3,500	2,500	7,000	5,600	5,000	4,000
RS-6	Brown	6T	6,000	4,800	12,000	8,400	6,000	4,200	3,000	8,400	6,720	6,000	4,800
RS-8	Blue	8T	8,000	6,400	16,000	11,200	8,000	5,600	4,000	11,200	8,960	8,000	6,400
RS-10	Orange	10T	10,000	8,000	20,000	14,000	10,000	7,000	5,000	14,000	11,200	10,000	8,000
RS-12	Orange	12T	12,000	9,600	24,000	16,800	12,000	8,400	6,000	16,800	13,440	12,000	9,600

## OPERATION INSTRUCTION

- Never use slings with damages or defects.
- Only use slings with clear identifications.
- Before use, check working load limit, length and working position
- Never use slings with knots.
- Never use slings on sharp edges without the correct protection.
- Use the correct mode factor and check lifting angle before use.
- Trapping the sling when lowering the load should be avoided.
- Never use sling under 40°C or more than 100°C.
- Stitching should never be placed over hooks or other lifting devices.
- Sling should be stored in dry and clear conditions. Away from heat sources or direct sunlight and UV rays.
- In case of chemical attack, please check with the manufacturer.





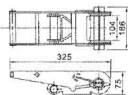
JIULONG HARDWARE&JINLONG RIGGING CO.,LTD



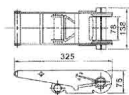
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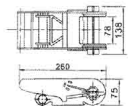
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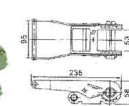
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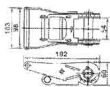
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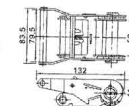
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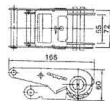
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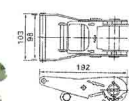
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JL9902E  
B.S. 5000Kg



B. S : 800Kg

JL9901A



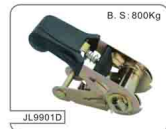
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JL9901B



B. S : 800Kg

JL9901C



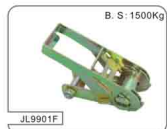
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JL9901D



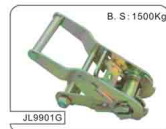
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JL9901E



B. S : 1500Kg

JL9901F



B. S : 1500Kg

JL9901G



B. S : 2000Kg

JL9901H



B. S : 3000Kg

JL99015A



B. S : 2000Kg

JL99015B



B. S : 2000Kg

JL99015C



B. S : 2000Kg

JL99015D



B. S : 3000Kg

JL99015E



B. S : 2000Kg

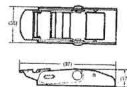
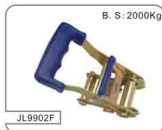
JL99015F



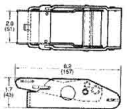
B. S : 1500Kg

JL99015G

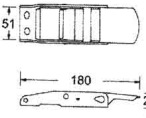
## OVERCENTER BUCKLES

**Part No. JL9301**

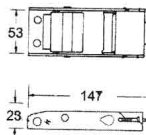
1"Over-center Buckle(heavy duty)  
Breaking Strength:2200lbs./1000kg.

**Part No. JL9302**

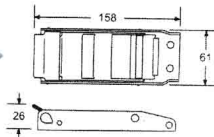
1-3/4"Over-center Buckle(light duty)  
Breaking Strength:1800lbs./818kg.

**Part No. JL9303**

2"Over-center Buckle(light duty)  
Breaking Strength:1800lbs./818kg.

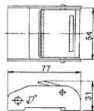
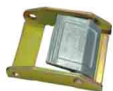
**Part No. JL9304**

2"Over-center Buckle  
Breaking Strength:2200lbs./1000kg.

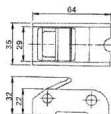
**Part No. JL9305**

1-3/4"Over-center Buckle(heavy duty)  
Breaking Strength:2200lbs./818kg.

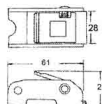
## CAM BUCKLE



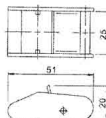
**Part No .JL9401**  
50mm\*Cam Buckle  
B.S 700Kg



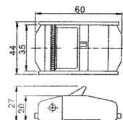
**Part No .JL9402**  
25mm\*Cam Buckle  
B.S 750Kg



**Part No .JL9403**  
25mm\*Cam Buckle  
B.S 700Kg



**Part No .JL9404**  
25mm\*Cam Buckle  
B.S 350Kg



**Part No .JL9405**  
35mm\*Cam Buckle  
B.S 800Kg



**Part No .JL9406**  
14mm B.S 100Kg



**Part No .JL9407**  
18mm B.S 180Kg



**Part No .JL9408**  
20mm B.S 200Kg



**Part No .JL9409**  
25mm B.S 450Kg



**Part No .JL9410**  
25mm B.S 250Kg



**Part No .JL9411-1**  
25mm B.S 100Kg

**Part No .JL9411-2**  
50mm B.S 100Kg



**Part No .JL9412**  
25mm B.S 450Kg



**Part No .JL9413**  
25mm B.S 800Kg



**Part No .JL9414**  
25mm B.S 350Kg



**Part No .JL9415**  
25mm B.S 680Kg



**Part No .JL9416**  
25mm B.S 800Kg



**Part No .JL9417**  
25mm B.S 450Kg



**Part No .JL9418**  
25mm B.S 1150Kg



**Part No .JL9419**  
50mm B.S 1200Kg



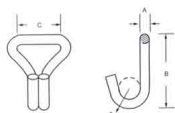
**Part No .JL9420**  
50mm B.S 1150Kg



ATTACHMENT HARDWARE



Wire Hooks >>



**JL9025**  
B. S 3000Kg

**JL9026**  
B. S 5000Kg

Double J Hook

ITEM Number	CAP (Kg)	A*	B	C	D	
1"	JL9001	700	6	49	28	10
	JL9002	700	6	55	27	19
	JL9003	1500	7	60	27	20
	JL9004	2000	8	80	28	20
	JL9005	2500	9	85	25	20
1 1/2"	JL9006	1500	7	51	35	11
	JL9007	2500	9	62	36	18
	JL9008	2500	9	85	38	16
	JL9009	3000	10	70	38	19
	JL9010	3000	9.5	85	38	16
JL9011	3000	9.5	93	40	18	
JL9012	700	6	69	54	25	
JL9013	1500	7	70	52	25	
JL9014	2000	8	75	52	18	
JL9015	2000	8	86	50	18	
JL9016	2000	8	97	50	18	
JL9017	2500	9	90	50	19	
JL9018	3000	9.5	85	50	25	
JL9019	5000	12	85	50	25	
JL9020	5000	12	96	50	25	
JL9021	5000	12	107	50	25	
JL9022	6800	13	101	50	25	
3"	JL9023	10000	16	144	76	18
4"	JL9024	10000	17	135	102	25
Stain less steel	JL9004SS	300	8	80	28	20
	JL9005SS	1500	9	85	25	20
	JL9020SS	2000	12	96	50	25

S Hook >>



**JL9027**  
B. S 1100Kg

**JL9028**  
B. S 750Kg

**JL9029**  
B. S 1500Kg

**JL9030**  
B. S 500Kg

**JL9031**  
B. S 1500Kg

**JL9032**  
B. S 950Kg

**JL9033**  
B. S 2000Kg



**JL9034**  
1" PVC S Hook  
B. S 500Kg

**JL9035**  
1.5" Single J Hook  
B. S 3000Kg

**JL9036**  
2" Single J Hook  
B. S 5000Kg

**JL9037**  
1.5" Claw Hook  
B. S 3000Kg

**JL9038**  
2" Claw Hook  
B. S 5000Kg

**JL9039**  
3" Claw Hook  
B. S 10000Kg



**JL9034**  
1" Hook And Keeper  
B. S 1500Kg



**JL9035**  
1.5" Hook And Keeper  
B. S 3000Kg



**JL9036**  
2" Hook And Keeper  
B. S 5000Kg



**JL9037**  
3" Hook And Keeper  
B. S 10000Kg



**JL9054**  
1.5" Swivel J Hook, with Bolt  
B. S 3000Kg



**JL9055**  
2" Swivel J Hook, with Bolt  
B. S 5000Kg



**JL9056**  
2" Forged Hook  
B. S 5000Kg



**JL9057**  
2" Triangle Ring  
B. S 5000Kg



**JL9038**  
2" Close Rave Hook  
B. S 900Kg



**JL9039**  
2" Close Rave Hook  
B. S 1600Kg



**JL9040**  
1.5" Swivel J Hook  
B. S 3000Kg



**JL9041**  
2" Swivel J Hook  
B. S 5000Kg



**JL9058**  
2" Metal Delta Ring  
B. S 5000Kg



**JL9059**  
3" Delta Ring  
B. S 8000Kg



**JL9060**  
4" Delta Ring  
B. S 9000Kg



**JL9061**  
2" Bolt Hook  
B. S 4000Kg



**JL9042**  
2" Welded Double J Hook  
B. S 5000Kg



**JL9043**  
1" Circle Claw Hook  
B. S 1000Kg



**JL9044**  
1" Small Wire Hook  
B. S 100Kg



**JL9045**  
2" Rectangle Ring  
B. S 5000Kg



**JL9062**  
1" Flat Hook  
B. S 1000Kg



**JL9063**  
2" Forged Flat Hook  
B. S 5000Kg



**JL9064**  
2" Metal Flat Hook  
B. S 2500Kg



**JL9065**  
1.5" Flat Hook  
B. S 5000Kg



**JL9046**  
3" Belt Shackle Hook  
B. S 20000Kg



**JL9047**  
2" Belt Shackle Hook  
B. S 12000Kg



**JL9048**  
1" D Ring  
B. S 1500Kg



**JL9049**  
1.5" D Ring  
B. S 1500Kg



**JL9066**  
2" Flat Hook, Steel Kepper  
B. S 5000Kg



**JL9067**  
2" Webbing Adjuster  
B. S 1500Kg



**JL9068**  
2" Metal Hook  
B. S 1000Kg



**JL9069**  
2" OVB Hook  
B. S 1000Kg



**JL9050**  
2" D Ring  
B. S 1500Kg



**JL9051**  
6mm O Ring  
B. S 1500Kg



**JL9052**  
9mm O Ring  
B. S 2000Kg



**JL9053**  
10mm O Ring  
B. S 3000Kg



**JL9070-1**  
1" Butterfly Hook  
B. S 1000Kg



**JL9071**  
1" Flat Snap Hook  
B. S 1500Kg



**JL9072**  
2" Flat Snap Hook  
B. S 4000Kg



**JL9073**  
2" Flat Snap Hook  
B. S 5000Kg



**JL9074**  
2" Twisted Snap Hook  
B. S 5000Kg



**JL9075-1-2-3**  
1":1.5":2" One Way Buckle  
B. S 3000:4000:5000Kg



**JL9076**  
2" Swivel Snap Hook  
B. S 5000Kg



**JL9077**  
E-Fitting 3pcs  
B. S 2000Kg



**JL9078**  
3" Flat Hook W/Alu Clip  
B. S 6800Kg



**JL9079**  
4" Flat Hook W/Alu Clip  
B. S 6800Kg



**JL9080**  
Series E/A Spring Fitting  
B. S 2050Kg



**JL9081**  
Single Stud Fitting  
B. S 1500Kg



**JL9082**  
Single Stud Fitting W/SS O Ring  
B. S 1500Kg



**JL9083**  
Double Stud Fitting  
B. S 2750Kg



**JL9084**  
Double Stud Fitting  
W/Pear Ring  
B. S 2750Kg



**JL9085**  
Double Stud Fitting  
W/O Ring  
B. S 2750Kg



**JL9086**  
1" Car Lashing Hook  
B. S 2000Kg



**JL9087**  
Series E/A Fitting W/O Ring  
B. S 1900Kg



**JL9088**  
Single Stud Fitting  
W/SS D Ring  
B. S 1500Kg



**JL9089**  
Quick Link (3.5mm-16mm)  
For All Size, Pts ask Sales



**JL9090**  
Towing Shackles  
B. S 7000Kg



**JL9091**  
Safety Snap Hook  
B. S 2500Kg



**JL9092**  
Nylon OVB Fitting  
B. S 500Kg



**JL9093**  
S. Steel OVB Fitting  
B. S 500Kg

## Anchor Points



**JL9094**  
Beam Socket  
B. S 1000Kg



**JL9095**  
E Beam End W/Pin  
B. S 2000Kg



**JL9096**  
Eye Plate  
Stainless Steel



**JL9097**  
Marine Bars Pump  
B. S 500Kg



**JL9098**  
Marine Bolt Fitting (Black)  
B. S 1000Kg



**JL9099**  
Marine Bolt Fitting (Silver)  
B. S 1000Kg



**JL9100**  
Recessed Anchor  
B. S 550Kg



**JL9100-1**  
Surface Mount Anchor  
B. S 550Kg



**JL9100-2**  
Swivel Anchor  
B. S 2500Kg



**JL9100-3**  
Heavy Duty Recessed Anchor  
B. S 2270Kg



**JL9100-4**  
Light Duty Recessed Anchor  
B. S 550Kg



**JL9100-5**  
Light Duty Recessed Anchor  
B. S 350Kg



**JL9100-6**  
Heavy Duty Recessed Anchor  
B. S 2200Kg



**JL9100-7**  
Swing Away Rope Hook  
B. S 500Kg



**JL9100-8**  
J Tie Hook  
B. S 2000Kg



**JL9100-9**  
Marine Fitting  
B. S 500Kg



**JL9100-10**  
Large Aluminum Clamp



**JL9100-11**  
Small Aluminum Clamp



**JL9100-12**  
Suction Cup



**JL9100-13**  
Tarp Clip





CLEVIS GRAB HOOK, self colored or zinc plated(G70, G43 Available)

ART.NO.	CHAIN SIZE inch	W.L.L.(lbs)		I.L. inch	N.W. lbs
		CARBON STEEL	ALLOY STEEL		
JL9101-1	1/4	2600	3600	1.97	0.40
JL9101-2	5/16	3900	5400	2.26	0.70
JL9101-3	3/8	5400	7500	2.63	1.00
JL9101-4	7/16	7200	10000	2.75	1.50
JL9101-5	1/2	9200	12750	3.19	2.10
JL9101-6	5/8	12750	19000	4.09	4.20
JL9101-7	3/4	18500	27000	4.63	6.50

MIN. BREAKING STRENGTH = 4 X W.L.L.



CLEVIS GRAB HOOK, self colored or zinc plated(G70, G43 Available)

ART.NO.	CHAIN SIZE inch	W.L.L.(lbs)		I.L. inch	N.W. lbs
		CARBON STEEL	ALLOY STEEL		
JL9102-1	1/4	1950	2750	2.56	0.50
JL9102-2	5/16	2875	4300	2.87	0.75
JL9102-3	3/8	4000	5250	3.25	1.20
JL9102-4	7/16	5000	7000	3.70	2.00
JL9102-5	1/2	6500	9000	4.20	2.50
JL9102-6	5/8	9250	13500	4.94	4.75
JL9102-7	3/4	12500	19250	6.08	10.20

MIN. BREAKING STRENGTH = 4 X W.L.L.



EYE GRAB HOOK, self colored or zinc plated(G70, G43 Available)

ART.NO.	CHAIN SIZE inch	W.L.L.(lbs)		I.L. inch	N.W. lbs
		CARBON STEEL	ALLOY STEEL		
JL9103-1	1/4	2600	3600	1.97	0.28
JL9103-2	5/16	3900	5400	2.23	0.45
JL9103-3	3/8	5400	7500	2.56	0.79
JL9103-4	7/16	7200	10000	2.84	1.19
JL9103-5	1/2	9200	12750	3.38	1.80
JL9103-6	5/8	12750	19000	4.11	3.20
JL9103-7	3/4	18500	27000	5.16	6.00

MIN. BREAKING STRENGTH = 4 X W.L.L.



EYE GRAB HOOK, self colored or zinc plated(G70, G43 Available)

ART.NO.	CHAIN SIZE inch	W.L.L.(lbs)		I.L. inch	N.W. lbs
		CARBON STEEL	ALLOY STEEL		
JL9104-1	1/4	1950	2750	2.56	0.40
JL9104-2	5/16	2875	4300	2.86	0.70
JL9104-3	3/8	4000	5250	3.36	1.00
JL9104-4	7/16	5000	7000	3.88	1.60
JL9104-5	1/2	6500	9000	4.28	2.40
JL9104-6	5/8	9250	13500	5.22	4.00
JL9104-7	3/4	12500	19250	6.50	6.50

MIN. BREAKING STRENGTH = 4 X W.L.L.



CLEVIS GRAB HOOK, self colored or zinc plated(G70, G43 Available)

ART.NO.	CHAIN SIZE inch	W.L.L.(lbs)		I.L. inch	N.W. lbs
		CARBON STEEL	ALLOY STEEL		
JL9105-1	1/4	1950	2750	2.56	0.52
JL9105-2	5/16	2875	4300	2.87	0.77
JL9105-3	3/8	4000	5250	3.25	1.23
JL9105-4	7/16	5000	7000	3.70	2.10
JL9105-5	1/2	6500	9000	4.00	2.85

MIN. BREAKING STRENGTH = 4 X W.L.L.



AUSTRIAN CLEVIS GRAB HOOK (G70, G43 Available)

ART.NO.	CHAIN SIZE inch	W.L.L.		M.B.S. lbs	N.W. lbs
		inch	lbs		
JL9106-1	1/4		2200	8820	0.44
JL9106-2	5/16		4400	18000	0.76
JL9106-3	3/8		6800	23150	1.20
JL9106-4	1/2		11000	40780	2.10

MIN. BREAKING STRENGTH = 4 X W.L.L.



EYE HOIST HOOK, self colored or zinc plated(G70, G43 Available)

ART.NO.	W.L.L.(ton)		I.L. inch	I.D.OF EYE inch	N.W. lbs
	CARBON STEEL	ALLOY STEEL			
JL9107-1	1/2	3/4	2.80	0.63	0.35
JL9107-2	3/4	1	3.22	0.75	0.55
JL9107-3	1	1-1/2	3.66	0.91	0.75
JL9107-4	1-1/2	2	4.09	1.12	1.25
JL9107-5	2	3	4.62	1.25	1.70
JL9107-6	3	4-1/2	5.18	1.56	3.60
JL9107-7	5	7	7.38	2.00	7.00
JL9107-8	7-1/2	11	9.78	2.44	13.00

PROOF LOAD = 2XW.L.L.-MIN.BREAKING STRENGTH=5XW.L.L.

JL9108 1-2-3  
8, 10, 13mm LUG LINK  
B. S 6200:7500:11000KgJL9109  
GR B Forest Hook  
B. S 6000KgJL9110  
7/16" Snap Hook  
B. S 1500KgJL9111  
Forged Tow Hook  
B. S 5000KgJL9112  
Tde Hook  
B. S 2500KgJL9113  
3/16" Tow Hook  
B. S 2000KgJL1114  
1/4" Tow Hook  
B. S 4000KgJL9115  
5/16" Puller Hook  
B. S 4000KgJL9116  
Tde Hook W/Triangle  
B. S 2500KgJL9117  
3" Triangle Hook W/Latch  
B. S 10000KgJL9118  
1/4" Puller Hook  
B. S 2000KgJL9119  
2" Triangle Hook W/Latch  
B. S 5000Kg



**JL9120-1-2-3**  
Chain Hook 8:10:13mm  
B. S 10000:15000:20000Kg



**JL9121**  
Towing Hook  
B. S 10000Kg



**JL9122**  
Truck Fitting



**JL9123**  
Forge Hook  
B. S 10000Kg



**JL9140**  
Small Tie Down



**JL9141**  
Economical Tie Down



**JL9142**  
Large Tie Down



**JL9143**  
Steel Plate



**JL9124-1-2-3**  
Eye Hook  
B. S 1200:2000:3200Kg



**JL9125-1-2-3**  
High Strength Hook  
B. S 2500:3800:5000Kg



**JL9126-1-2-3**  
Chain Hook 8:10:13mm  
B. S 10000:15000:20000Kg



**JL9127**  
Chain Hook



**JL9144**  
Nylon Anchor



**JL9145**  
Wire Clamp



**JL9146**  
Pipe Lock



**JL9147**  
Double Stud W/Ring and Hook



**JL9128**  
Swivel Forged Hook  
B. S 2000Kg



**JL9129**  
Wire Clamp  
B. S 1000Kg



**JL9130**  
Chain Fitting



**JL9131**  
3/8" Pipe Clamp



**JL9148**  
Cargo Net Hook



**JL9149**  
Cargo Net Hook



**JL9150**  
Recessed TT Lashing Ring  
B. S 5000Kg



**JL9151**  
Forged hook  
B. S 5000Kg



**JL9132**  
Wire Clamp



**JL9133**  
Grade S Dee Shackle(6-51mm)  
Pis Ask Sales



**JL9134**  
Grade S Bow Shackle(6-51mm)  
Pis Ask Sales



**JL9135**  
Truck Lock



**JL9152**  
Safety Belt Hook



**JL9153**  
S. S. Wire Rope Clip



**JL9154**  
S. S. Wire Rope Clip (Malleable)



**JL9155**  
Eye Screw Din 580



**JL9136**  
2" Triangle Ring  
B. S 5000Kg



**JL9137**  
9mm D Ring  
B. S 20000Kg



**JL9138**  
S. S. Swivel Eye Hook  
6:8:10:12mm



**JL9139**  
S. S. Eye Slip Hook  
6:8:10:12mm



**JL9156**  
Eye Nut Din 582



**JL9157**  
Welded Eye Bolt W/Ring



**JL9158**  
Eye Screw W/Long Bolt



**JL9159**  
S. S. Cleat



JL9160



JL9161



JL9162



JL9163



JL9172



JL9173



JL9174



JL9175



JL9164



JL9165



JL9166



JL9167



JL9176



JL9177



JL9178



JL9179



JL9168



JL9169



JL9170



JL9171



JL9180



JL9181



JL9182



JL9183



Vertical Logistic Track JL9525



Horizontal Logistic Track JL9526



Steel Cargo Bar JL9521



Aluminum Cargo Bar JL9520



Decking Beam Standard-Duty JL9523



Decking Beam Heavy-Duty JL9524



JL9184



JL9185



JL9186



JL9187



JL9188



JL9189



JL9190



JL9191



JL9192



JL9193



JL9194



JL9195



JL9212



JL9213



JL9214



JL9215



JL9196



JL9197



JL9198



JL9199



JL9216



JL9217



JL9218



JL9219



JL9200



JL9201



JL9202



JL9203



JL9220



JL9221



JL9222



JL9223



JL9204



JL9205



JL9206



JL9207



JL9224



JL9225



JL9226



JL9227



JL9208



JL9209



JL9210



JL9211



JL9228



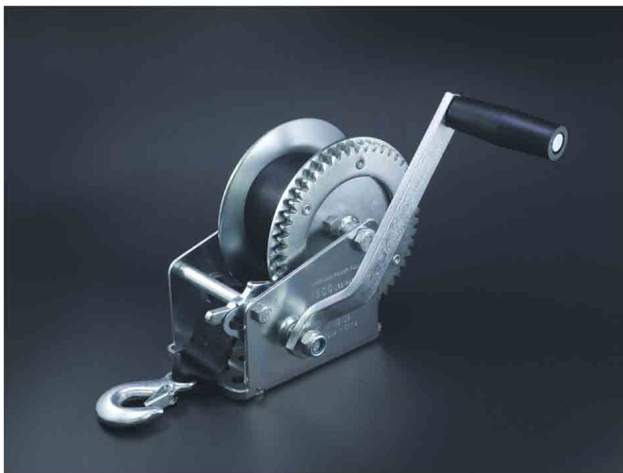
JL9229



JL9230



JL9231



ITEM NO	W. L. L lbs	B. S lbs	STEEL WIRE	BELT	GEAR RATIO	WAY/ SPEED
JL9701-1	600	900	4.2x10mm	2"x6m	3.2:1	1way/1speed
JL9701-2	800	1200	4.5x10mm	2"x9m	3.2:1	1way/1speed
JL9701-3	1000	1500	4.5x10mm	2"x9m	4.1:1	1way/1speed
JL9701-4	1200	1800	4.8x10mm	2"x9m	4.1:1	1way/1speed
JL9701-5	1400	2100	4.8x10mm	2"x9m	4:1	1way/1speed
JL9701-6	1600	2400	5.0x10mm	2"x9m	4:1	1way/1speed
JL9701-7	1800	2700	5.0x10mm	2"x9m	4.1/8:1	1way/1speed
JL9701-8	2000	3000	5.0x10mm	2"x9m	4.1/8:1	1way/1speed
JL9701-9	2500	3750	5.0x10mm	2"x9m	4.1/8:1	1way/1speed

## Trailer Accessories



**JL9801**  
1-7/8" (Ball) X2" (Channel) Coupler  
Trailer G. V. W. : 910kgs/2000lbs



**JL9802**  
1-7/8" (Ball) X2"-1/2" (Channel) Coupler  
Trailer G. V. W. : 910kgs/2000lbs



**JL9803**  
1-7/8" (Ball) X3" (Channel) Coupler  
Trailer G. V. W. : 910kgs/2000lbs



**JL9804**  
2" (Ball) X2" (Channel) Coupler  
Trailer G. V. W. : 1590kgs/3500lbs



**JL9805**  
2" (Ball) X2-1/2" (Channel) Trailer Coupler  
Trailer G. V. W. : 1590kgs/3500lbs



**JL9806**  
2" (Ball) X3" (Channel) Coupler  
Trailer G. V. W. : 1590kgs/3500lbs



**JL9807**  
1-7/8" (Ball)  
Trailer G. V. W. ;  
910kgs/2000lbs



**JL9808**  
2" (Ball)  
Trailer G. V. W. ;  
910kgs/2000lbs



**JL9809**  
Trailer Leg



**3-STRAND, 4-STRAND and 6-STRAND ROPES  
of PP, PE, PA, PET, UHMWPE**

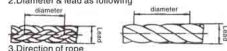
ITEM NO	SPECIFICATIONS				PP		PE	
	DIAM	CIRC	WEIGHT	BREAKING	WEIGHT	BREAKING	WEIGHT	
	(mm)	(inch)	(kg/220m)	STRENGTH (daN)	(kg/220m)	STRENGTH (daN)	(kg/220m)	
1001	6	3/4	3.9	520	4.1	392		
1002	8	1	6.9	910	7.2	686		
1003	10	1-1/4	10.4	1300	10.8	1070		
1004	12	1-1/2	15.0	1920	15.9	1510		
1005	14	1-3/4	20.8	2530	20.9	2050		
1006	16	2	26.6	3170	28.2	2750		
1007	18	2-1/4	34.2	4150	35.4	3400		
1008	20	2-1/2	41.6	4880	44.0	4190		
1009	22	2-3/4	50.8	5890	53.5	4980		
1010	24	3	60.1	6890	64.9	5980		
1011	26	3-1/4	73.7	7900	74.4	6860		
1012	28	3-1/3	77.3	9140	86.2	7910		
1013	30	3-3/4	92.5	9690	99.0	9040		
1014	32	4	106	11660	113	10300		
1015	36	4-1/2	135	14600	143	12900		
1016	40	5	166	17640	177	15800		
1017	44	5-1/2	203	21210	214	19000		
1018	48	6	2400	24680	255	22500		
1019	52	6-1/2	285	28560	299	26200		

**8-STRAND and 12 STRAND ROPES  
of POLYPROPYLENE, POLY-  
PROYLENE MULTIFILAMENT**


ITEM NO	SPECIFICATIONS			
	DIAM	CIRC	WEIGHT	BREAKING
	(mm)	(inch)	(kg/220m)	STRENGTH (daN)
1020	36	4-1/2	129	15800
1021	40	5	158	19100
1022	44	5-1/2	194	23000
1023	48	6	229	26700
1024	52	6-1/2	268	30900
1025	56	7	312	35300
1026	60	7-1/2	359	40400
1027	64	8	407	45700
1028	72	9	515	45700
1029	80	10	638	70600
1030	88	11	772	84700
1031	96	12	917	100000
1032	100	12-3/8	1040	110000
1033	105	13	1147	119000
1034	110	13-5/8	1254	129000
1035	115	14-1/4	1377	140000
1036	120	14-7/8	1496	150000


**NOTE:**

Please specify the following in ordering ropes:  
1. Assortment Polyethylene, Polypropylene, Nylon  
2. Diameter & lead as following



4.Length:Normal length is 220 meters per coil or by users



Item No.2001



Item No.2002



Item No.2003

Harness with chest and legs adjustments. 2 link points: Dorsal ring and frontal textile loops. Used when Working at heights, construction and industry in general. The frontal link used for vertical access.

**SHOCK ABSORBER**


Item No.2004

**CONNECTORS**

 Item No.2000-1  
Snap Hook  
M.B.S:5000Lbs

 Item No.2000-2  
Ring  
B.S:1000kg

 Item No.2000-3  
Ring  
B.S:2200kg

 Item No.2000-4  
Ring  
B.S:2200kg

 Item No.2000-5  
Ring  
B.S:1800kg

 Item No.2000-6  
Two Latches Hook  
M.B.S:5000Lbs

 Item No.2000-7  
Single Latches Hook  
M.B.S:10000Lbs

 Item No.2000-8  
Two Latches Hook  
M.B.S:5000Lbs

 Item No.2000-9  
Two Latches Hook  
M.B.S:5000Lbs

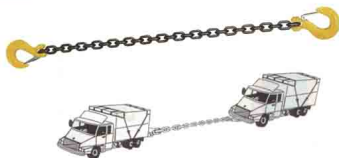
 Item No.2000-10  
Two Latches Hook  
M.B.S:5000Lbs

 Item No.2000-11  
Two Latches Hook  
M.B.S:5000Lbs

 Item No.2000-12  
Two Latches Hook  
M.B.S:5000Lbs

## G80 TOWING CHAIN

Item NO	Chain size & Length	W.L.L (Kgs)
3000-1	6mmx5m	1200
3000-2	8mmx5m	2000
3000-3	10mmx5m	3200
3000-4	13mmx5m	5300
3000-5	16mmx5m	8000



## G80 GOLDEN GALVANIZED CHAIN SLING WITH BENT HOOK

Item NO	Chain size & Length	W.L.L. (kgs)	M.B.S. (kgs)	Unit Weight (kgs)
3001-1	7.1mmx9'	1500	6000	3.38
3001-2	8.0mmx9'	2000	8000	4.05
3001-3	10mmx9'	3000	12000	6.50



## G80 CHAIN WITH HOOK WELDED

Item NO	Chain size & Length	W.L.L. (kgs)	M.B.S. (kgs)	Unit Weight (kgs)
3002-1	1/4"x16'	1500	6000	14.10
3002-2	5/16"x16'	2000	8000	23.10
3002-3	3/8"x16'	3000	12000	36.20



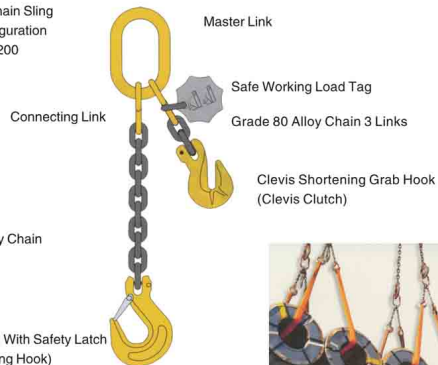
Item NO	Size mm	M. B. S ton
3100-1	9	10
3100-2	11	15
3100-3	13	20



Item NO	Chain size & Length	W.L.L (kgs)
3003-1	6mmx3.5m	1200
3003-2	8mmx3.5m	2000
3003-3	10mmx3.5m	3200
3003-4	13mmx3.5m	5300
3003-5	16mmx3.5m	8000



Grade 80 Alloy Chain Sling  
Single Leg Configuration  
ITEM NO:3200



Grade 80 Alloy Chain

Clevis Sling Hook With Safety Latch  
(Clevis Self Locking Hook)



## CHAIN SLING COMPONENTS – 6;7;8;10;13;16mm Single leg

Component	Description	Qty per sling	Component	Description	Qty persling
	Clevis Grab Hook	1		Grade 80 Master Link	1
	Clevis Sling Hook	1		Connecting Link	2
	Clevis Self Locking Hook	Alternative		Safe Working Load Tag Grade 80	1
	Clevis Clutch	Alternative		Grade 80 Alloy Chain	

Grade 80 Alloy Chain Sling  
Double Leg Configuration  
ITEM NO:3300



CHAIN SLING COMPONENTS – 6;7;8;10;13;16mm 2 leg

Component	Description	Qty per sling	Component	Description	Qty per sling
	Clevis Grab Hook	2		Grade 80 Master Link	1
	Clevis Sling Hook	2		Connecting Link	4
	Clevis Self Locking Hook	Alternative		Safe Working Load Tag Grade 80	1
	Clevis Clutch	Alternative		Grade 80 Alloy Chain	

Grade 80 Alloy Chain Sling  
Three Leg Configuration  
ITEM NO:3400



CHAIN SLING COMPONENTS – 6;7;8;10;13;16mm 3 leg

Component	Description	Qty per sling	Component	Description	Qty per sling
	Clevis Grab Hook	2		Grade 80 Master Link Assembly	1
	Clevis Sling Hook	3		Connecting Link	5
	Clevis Self Locking Hook	Alternative		Safe Working Load Tag Grade 80	1
	Clevis Clutch	Alternative		Grade 80 Alloy Chain	



Grade 80 Alloy Chain Sling  
Four Leg Configuration  
ITEM NO:3500

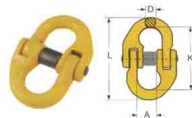


CHAIN SLING COMPONENTS - 6;7;8;10;13;16mm 4 leg

Component	Description	Qty per sling	Component	Description	Qty per sling
	Clevis Grab Hook	2		Grade 80 Master Link Assembly	1
	Clevis Sling Hook	4		Connecting Link	6
	Clevis Self Locking Hook	Alternative		Safe Working Load Tag Grade 80	1
	Clevis Clutch	Alternative		Grade 80 Alloy Chain	

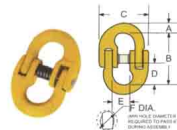
### G80 CONNECTING LINK EUROPEAN TYPE

Item NO	SIZE	W.L.L.	A	L	K	D	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	Kg
3004-1	6-8	1.12	16.2	58	42	7	0.08
3004-2	7/8-8	2	20.5	79.5	58	8.5	0.145
3004-3	10-8	3.15	28	93	68	10.8	0.30
3004-4	13-6	5.3	30	117	90	15	0.70
3004-5	16-8	8	36.3	93	148	19.8	1.10
3004-6	18/20-81	12.5	44	117	169.5	24	1.84
3004-7	22-8	15	51	148	193.5	26	3.20
3004-8	26-8	21.2	58	154	220	30	4.50
3004-9	32-8	31.5	67.5	169.5	281	37	9.00



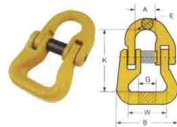
### G80 CONNECTING LINK AMERICAN TYPE

Item NO	Chain Size(in.)	W.L.L.	Dimensions (in.)						N.W.
			A	B	C	D	E	F	
3005-1	9/32(1/4)	3500	0.36	1.88	1.75	0.78	0.68	0.56	0.28
3005-2	5/16	4500	0.39	2.13	1.97	0.88	0.69	0.63	0.33
3005-3	3/8	7100	0.52	2.50	2.50	1.03	0.88	0.75	0.73
3005-4	1/2	12000	0.64	3.44	3.22	1.44	1.31	0.94	1.67
3005-5	5/8	18100	0.75	4.13	3.78	1.73	1.41	1.13	2.86
3005-6	3/4	28300	0.97	4.94	4.66	2.08	1.63	1.28	5
3005-7	7/8	34200	1.08	5.50	5.63	2.31	2.00	1.44	7.5
3005-8	1	47700	1.22	6.10	6.19	2.50	2.25	1.88	11.03
3005-9	1-1/4	72300	1.50	7.43	7.63	3.06	2.56	2.19	20.38



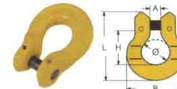
### G80 WEB SLING CONNECTOR

Item NO	SIZE	W.L.L.	A	B	K	W	G	E	N.W.
	mm	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
3006-1	6-8	1.12	15	60	56	40	18	7	0.2
3006-2	7/8-8	2.0	20	61.5	63.7	40	24	9.5	0.3
3006-3	10-8	3.15	24	66	83	39	30.5	11	0.68
3006-4	13-8	5.3	28	88	93.7	55	36.8	16.5	1.47
3006-5	16-8	8	34.5	108	120	65.5	45.2	19.8	2.3
3006-6	20-8	12.5	41	129	138	80	51.8	23	3.3



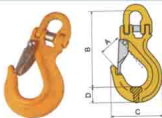
### G80 OMEGA LINK

Item NO	SIZE	W.L.L.	A	B	∠	H	L	N.W.
	mm	(t)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3007-1	6-8	1.12	8	41	20.5	25	52	0.12
3007-2	7/8-8	2.0	10	52	23.5	35	68.5	0.22
3007-3	10-8	3.15	12	62	31.5	40.5	81	0.36
3007-4	13-8	5.3	15	81	41	54	108	0.71
3007-5	16-8	8	19	99	49.5	64	126	1.3
3007-6	20-8	12.5	23	118	58	75.6	152	2.2



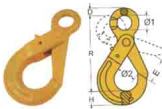
## G80 HOOK WITH CONNECTING LINK

Item NO	SIZE mm	W.L.L. t	A (mm)	B (mm)	C (mm)	D (mm)	N.W. Kg
3008-1	7-8	2.0	30	117	83	23	0.6
3008-2	10-8	3.2	38	149	102	30	0.87
3008-3	13-8	5.3	48.5	185	126	37	2.26
3008-4	16-8	8.0	60	230	150.5	43.5	3.7
3008-5	18/20-8	12.5	67.5	255	180	53	6.2



## G80 EYE SELF-LOCKING HOOK

Item NO	SIZE mm	W.L.L. t	∅1 (mm)	R (mm)	D (mm)	∅2 (mm)	H (mm)	E (mm)	N.W. Kg	Kg	Kg
3009-1	6-8	1.12	22	110.5	10	34	19.5	28	0.5		
3009-2	7-8	2	25	136	12	46	24	34	0.8		
3009-3	10-8	3.15	32	171	15	56	28.5	44	1.55		
3009-4	13-8	5.3	40.5	208.5	19.5	69	40	52	3.2		
3009-5	16-8	8	56	257.5	22	86	50.5	60	5.74		
3009-6	18/20-8	12.5	64.5	275	27	100	55	81	8.5		
3009-7	22-8	15	70	320	30	98	67	82	13		
3009-8	26-8	21.2	80	363	34	110	75	110	18		
3009-9	32-8	31.5	105	472	45	166	97	168	44.5		



## G80 CLEVIS SELF-LOCKING HOOK

ITEM NO	SIZE mm	W.L.L. t	E (mm)	B (mm)	H (mm)	∅ (mm)	R (mm)	N.W. Kg	Kg
3010-1	6-8	1.12	29	8.5	19.5	34	95.5	0.5	
3010-2	7-8	2	34	9.5	24	46	121	0.8	
3010-3	10-8	3.15	44	12	28.5	56	146	1.5	
3010-4	13-8	5.3	52	15	40	69	182	2.8	
3010-5	16-8	8	60	18	50.5	86	218	5.6	
3010-6	18/20-8	12.5	83	25	55	100	240	7.5	
3010-7	22-8	15	88	25.5	67	98	276.5	11.5	
3010-8	26-8	21.2	95.5	30	75	110	310.5	18.5	



## G80 SWIVEL SELF-LOCKING HOOK

ITEM NO	SIZE mm	W.L.L. t	E (mm)	B (mm)	H (mm)	∅ (mm)	R (mm)	N.W. Kg	N.W. Kg
3011-1	6-8	1.12	32.5	22	11.25	170	34	29	0.71
3011-2	7-8	2	35.5	26	12.5	210	46	34	1.1
3011-3	10-8	3.15	42	34	15	247	56	44	2.0
3011-4	13-8	5.3	50	38.5	16	302	69	52	4.0
3011-5	16-8	8	61	55	21.5	383	86	60	7.3
3011-6	18/20-8	12.5	72	61	26	418	100	83	11.6
3011-7	22-8	15	95	95	33	527	98	88	16.0
3011-8	26-8	21.2	122	115	42	610	110	95.5	21.5
3011-9	32-8	31.5	140	146	52	777	166	150	79



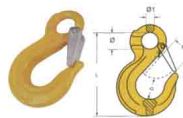
## G80 EYE LOAD HOOK WITHOUT LATCH

ITEM NO	SIZE mm	W.L.L. t	A (mm)	D (mm)	P (mm)	K (mm)	H (mm)	T (mm)	N.W. Kg
3012-1	6-8	1.12	20	9	28	80	19	16.5	0.30
3012-2	7-8	2	25	11	34	98	24	19.5	0.43
3012-3	10-8	3.15	38	15	37	120	32	20	1.06
3012-4	13-8	5.3	43	19	52	153	42	31	2.03
3012-5	16-8	8	50	23	56	185	48	36	3.13
3012-6	20-8	12.5	62	24	61	217	58	52	6.40



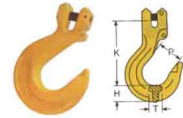
## G80 EYE SLING HOOK WITH LATCH

ITEM NO	SIZE mm	W.L.L. t	A (mm)	D (mm)	P (mm)	K (mm)	H (mm)	N.W. (Kg)
3013-1	6-8	1.12	9	24	21	20	108	0.3
3013-2	7-8	2.0	11	30	26	25	133	0.4
3013-3	10-8	3.15	15	34	39	38	167	0.9
3013-4	13-8	5.3	19	39	54	43	213	1.7
3013-5	16-8	8	23	46	64	50	255	3.2
3013-6	20-8	12.5	24	40	80	62	305	5.8
3013-7	22-8	15	32	71	80	62	348	8.5
3013-8	26-8	21.2	35	81	82	64	394	13
3013-9	32-8	31.5	37	102	112	88	480	17



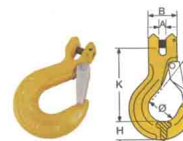
## G80 CLEVIS SLING HOOK WITH LATCH

ITEM NO	SIZE mm	W.L.L. t	K (mm)	H (mm)	T (mm)	P (mm)	N.W. (Kg)
3014-1	6-8	1.12	75	22	15.5	23.5	0.40
3014-2	7-8	2	85	32	19	25	0.64
3014-3	10-8	3.15	104	35	25.5	34	1.04
3014-4	13-8	5.3	128	42	29.5	40	1.66
3014-5	16-8	8	150	52	37.5	45	3.70
3014-6	20-8	12.5	180	55	51	64	6.04



## G80 CLEVIS SLING HOOK WITH LATCH

ITEM NO	SIZE mm	W.L.L. t	A (mm)	B (mm)	∅ (mm)	H (mm)	K (mm)	E (mm)	N.W. (Kg)
3015-1	6-8	1.12	8	32	35	23	76	26	0.32
3015-2	7-8	2.0	9.5	37	37	32.5	85.5	29	0.52
3015-3	10-8	3.15	13	49	46	35	104	39	1.05
3015-4	13-8	5.3	16.5	56.5	56	42.5	128	47	2
3015-5	16-8	8	21.5	70.5	60	54	150	55	3.7
3015-6	20-8	12.5	24	77	79	58	180	61	6
3015-7	22-8	15	27	91	101	62	213	72	10.4

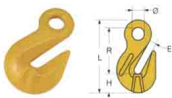


**G80 SWIVEL HOOK WITH LATCH**

ITEM NO	SIZE	W.L.L.	A	E	B	H	K	L	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3016-1	6-8	1.12	32	22	22.5	9	112	140	0.34
3016-2	7/8-8	2.0	44	26	35	15.8	150	190	1.02
3016-3	10-8	3.15	44	28	35	15.8	162	206	1.24
3016-4	13-8	5.3	50	35	39	18	190	242	2.25
3016-5	16-8	8	64	43	53	25	246	316	4.66
3016-6	20-8	12.5	70	55	51	28	262	369	7.4
3016-7	22-8	15	79	61	58	32	332	431	10.6
3016-8	26-8	21.2	105	81	100	40	431	547	21.4
3016-9	32-8	31.5	105	82.5	90	40	472	603	32

**G80 EYE GRAB HOOK WITH WINGS**

ITEM NO	SIZE	W.L.L.	E	∠	H	R	L	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3017-1	6-8	1.12	8	13.5	16	51	75.2	0.14
3017-2	7/8-8	2.0	10.8	17	18.5	60.5	88.5	0.245
3017-3	10-8	3.15	13	20	29	79.5	121.5	0.65
3017-4	13-8	5.3	16.5	26	42.8	99.7	158	1.39
3017-5	16-8	8	19.2	30	45.7	104	169	2.2
3017-6	20-8	12.5	24	37	56	140	219	4.6
3017-7	22-8	15	28	44	68	165	259	8.2
3017-8	26-8	21.2	30	44	77	188.5	298	9.8
3017-9	32-8	31.5	38	57	95	228	361	19.4

**G80 CLEVIS GRAB HOOK WITH WINGS**

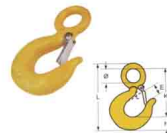
ITEM NO	SIZE	W.L.L.	E	A	H	R	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(Kg)
3018-1	6-8	1.12	8	8	16	75	0.25
3018-2	7/8-8	2.0	10.8	9.5	21.6	90	0.32
3018-3	10-8	3.15	13.5	12.5	30	126	0.73
3018-4	13-8	5.3	16.5	15	42.5	163	1.6
3018-5	16-8	8	19.2	19.5	45.5	183.5	2.8
3018-6	20-8	12.5	24	24	56	219	5
3018-7	22-8	15	27	27	68.5	254	6.3

**G80 CLEVIS GRAB HOOK WITH BOLT AND COTTER PIN**

ITEM NO	SIZE	W.L.L.	A	B	E	M	L	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3019-1	6-8	1.12	8	32	8	43.5	75	0.28
3019-2	7/8-8	2.0	9.5	35	11	49.5	89	0.33
3019-3	10-8	3.15	12.5	42.5	13.2	70.5	126.5	0.88
3019-4	13-8	5.3	15	53	16.5	90	163.5	1.85
3019-5	16-8	8	19.5	65.5	19.2	112.5	183.5	3.24

**G80 EYE HOOK WITH LATCH**

ITEM NO	SIZE	W.L.L.	∠	E	H	K	L	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
3020-1	6-8	1.12	19	22	19	80	110	0.28
3020-2	7/8-8	2.0	28	25	25	103	140.5	0.65
3020-3	10-8	3.15	31	27.5	28	118	162	0.94
3020-4	13-8	5.3	39	33	35	145	201	1.95
3020-5	16-8	8	51	40	45	180	256	3.77
3020-6	20-8	12.5	62	51	57	230	317	6.8
3020-7	22-8	15	73	57	70	260	360	9.8
3020-8	26-8	21.2	89	75	76	318	434	16.25
3020-9	32-8	31.5	90	98	91	360	495.5	27.2

**G80 EYE CHOKE HOOK**

ITEM NO	SIZE	W.L.L.	A	K	C	N.W.
	mm	t	(mm)	(mm)	(mm)	(Kg)
3021-1	7/8-8	2	30	91	16	0.36
3021-2	10-8	3.15	38	115	20	0.73
3021-3	13-8	5.3	51	145	27	1.40
3021-4	16-8	8	63	185	31	3.17

**G80 CLEVIS "C" HOOK**

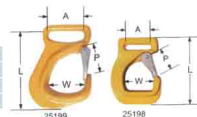
ITEM NO	SIZE	W.L.L.	A	E	B	H	K	L	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3022-1	7/8-8	2	9.5	20	35	28	90	136	0.57
3022-2	10-8	3.15	13	29.5	46	39.5	127	189	1.4
3022-3	13-8	5.3	16.5	39.5	59	52	166.5	246	3.0
3022-4	16-8	8	18.5	46.5	72	59	206	298	5.4

**G80 CLEVIS FOREST HOOK**

ITEM NO	SIZE	W.L.L.	A	K	P	C	T	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3023-1	7/8-8	2	9	66	10	34	19	0.535
3023-2	10-8	3.15	13	80	12	42	21	0.89
3023-3	13-8	5.3	16	96	16	54	30	1.75

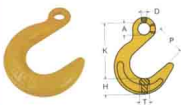
**G80 EYE BELT HOOK**

ITEM NO	W.L.L.	A	L	W	P	N.W.
	t	(mm)	(mm)	(mm)	(mm)	(Kg)
3024-1	1.6	54	150	58	30	1.20
3024-2	2.75	82	194	77	36	2.10

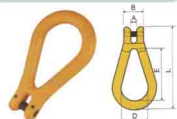


**G80 FOUNDRY EYE HOOK**

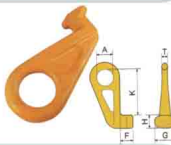
ITEM NO	SIZE	W.L.L.	A	D	P	K	H	T	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3025-1	7/8-8	2	18	12	63.5	120	31	25	1.09
3025-2	10-8	3.15	22	16	76	146	33	32	1.95
3025-3	13-8	5.3	27	19	89	175	44.5	38	3.22
3025-4	16-8	8	32	20	101	205	51.5	46	5.26
3025-5	20-8	12.5	38	25	114	235	65	56	9.07
3025-6	22-8	15	45	28.5	127	264	68.5	57	11.79

**G80 CLEVIS REEVING LINK**

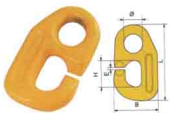
ITEM NO	SIZE	W.L.L.	A	B	D	E	L	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3026-1	7/8-8	2	10	32.8	45	87	139	0.53
3026-2	10-8	3.15	12	42	60	108	174	0.74
3026-3	13-8	5.3	16.5	55.5	66.5	137.5	228	1.76
3026-4	16-8	8	19	66	72	165	264	2.8

**G80 EYE CONTAINER HOOK**

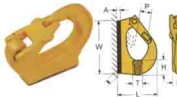
ITEM NO	DISC.	W.L.L.	K	A	F	T	G	H	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3027-1	Left 45°	12.5	192	70	46	25	75	48	4.0
3027-2	Right 45°	12.5	192	70	46	25	75	48	4.0

**G80 FORGED "DV" HOOK**

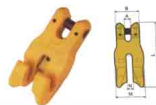
ITEM NO	W.L.L.	∅	B	E	H	L	N.W.
	t (mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3028-1	1.5	28	61	3	35	102	0.5
3028-2	3	30	72	3	41	119	0.73
3028-3	5	35	84.5	3	42	137	1.2
3028-4	8	42	96	3	42	153	1.6

**G80 EXCAVATOR HOOK**

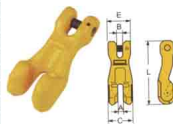
ITEM NO	W.L.L.	A	W	P	T	L	H	F	N.W.
	t (mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3029-1	2	5	80	25	20	94	24	34	0.84
3029-2	3	6	115	30	24	105	30	36	1.18
3029-3	5	10	155	34	28	132	43	44	2.50
3029-4	8	12	160	34	38	135	51	51	3.26
3029-5	10	15	200	50	39	167	55	53	5.17

**G80 CHAIN CLUTCH WITH SAFETY DEVICE**

ITEM NO	SIZE	W.L.L.	A	M	N	B	L	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3030-1	10-8	3.15	12	56	12	44.5	121	0.99

**G80 SHORTENING CLUTCH**

ITEM NO	SIZE	W.L.L.	A	B	C	E	L	N.W.
	mm	t	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3031-1	6-8	1.12	7.5	7.5	33	26	73.5	0.17
3031-2	7/8-8	2	9.5	9.5	45	36	101	0.41
3031-3	10-8	3.15	13	13	55	48	138	0.97
3031-4	13-8	5.3	18	16	75	59	177	2.01
3031-5	16-8	8	21	21	93	73	220	3.32
3031-6	20-8	12.5	22	22	99	78	238	6.2
3031-7	22-8	15	25.5	25.5	118	98	295	8.5

**G80 LIFTING CLUTCH**

ITEM NO	W.L.L.	A	B	D	E	F	H	L	N.W.
	t (mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)
3032-1	1-1.3	32	42	70.5	45	73	157	181	0.89
3032-2	1.5-2.5	42	49	85	57	88	190	220	1.3
3032-3	3-5	55	70	88	69	110	233	271	3.24
3032-4	6-10	74	92	116	83	161	336.5	386	10.01
3032-5	12-20	110	114.5	133.5	107.5	182	437	497	20.37

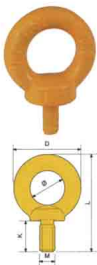
**G80 LIFTING POINT THREADED**

ITEM NO	DxL	W.L.L.9 [T]	B	C	G	T	A	W	∅	N.W.	
	(mm)	90° 0° (mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)	
3033-1	M10x13	0.3	0.6	36	15	51	41	55	30	13	0.41
3033-3	M10x18	0.45	0.9	36	15	51	41	55	30	13	0.43
3033-4	M12x18	0.5	1.0	36	15	51	41	55	30	13	0.44
3033-5	M16x20	1.12	2.0	36	15	52	42	55	30	13	0.46
3033-6	M20x30	2	4	49.5	19	68	56	70	35	16	0.96
3033-7	M24x30	3.15	6.3	57	22	78	65.5	85	40	18	1.45
3033-8	M27x35	3.15	6.3	57	22	78	65.5	85	40	18	1.51
3033-9	M30x35	5.3	10.6	66	23.5	96.5	80.5	85	40	20	2.17
3033-10	M30x35	8	11.8	80	28	112	92	115	50	22	3.57
3033-11	M36x50	8	11.8	80	27	109	89.5	115	50	22	3.6
3033-12	M39x90	8	11.8	80	27	109	89.5	115	50	22	4.10
3033-13	M42x50	10	15	80	27	109	89.5	115	50	22	3.73



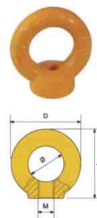
## G80 EYE SCREW

ITEM NO	SIZE (mm)	W.L.L./ (4:1)		D (mm)	K (mm)	∅ (mm)	L (mm)	N.W. (Kg)
		WLL 0°	WLL 90°					
3034-1	M6	0.4	0.15	28	13	16	42	0.05
3034-2	M8	1	0.4	36	15	20	51	0.06
3034-3	M10	1	0.4	45	18	25	63	0.11
3034-4	M12	2	0.75	54	22	30	75	0.18
3034-5	M16	4	1.5	63	28	35	88	0.28
3034-6	M20	6	2.3	72	30	40	101	0.45
3034-7	M24	8	3.2	90	38	50	128	0.87
3034-8	M30	12	4.5	108	45	60	154	1.66
3034-9	M36	16	7	126	55	70	183	2.65
3034-10	M42	24	9	144	65	80	212	4.03
3034-11	M48	32	12	166	70	90	238	6.38



## G80 EYE NUT

ITEM NO	SIZE (mm)	W.L.L./ (4:1)		D (mm)	∅ (mm)	L (mm)	N.W. (Kg)
		WLL 0°	WLL 90°				
3035-1	M6	0.4	0.15	36	20	36	0.049
3035-2	M8	1	0.4	36	20	36	0.05
3035-3	M10	1	0.4	45	25	45	0.09
3035-4	M12	2	0.75	54	30	53	0.16
3035-5	M16	4	1.5	63	35	62	0.24
3035-6	M20	6	2.3	72	40	71	0.36
3035-7	M24	8	3.2	90	50	90	0.72
3035-8	M30	12	4.5	108	60	109	1.32
3035-9	M36	16	7	126	70	128	2.08
3035-10	M42	24	9	144	80	147	3.11
3035-11	M48	32	12	166	90	168	5.02



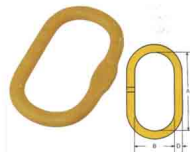
## G80 WELD-ON LIFTING POINT WITH SPRING

ITEM NO	W.L.L. t	A (mm)	B (mm)	D (mm)	M (mm)	N.W. (Kg)
3036-2	2	42	88	14	40	0.47
3036-3	3.15	45	94	17	42.5	0.69
3036-4	5.3	55	118	22	50	1.46
3036-5	8	70	141	26.5	66.5	2.5
3036-6	15	97	188	34	90	5.79



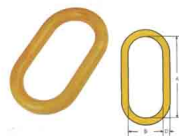
## G80 A343 MASTER LINK

ITEM NO	Chain Dia(∅)		W.L.L. (T)	Dimensions(mm)			N.W. (Kg)
	∅	A		A	B	D	
3037-1	7	6	1.6	110	60	14	0.34
3037-2	8	7	2.12	110	60	16	0.53
3037-3	10	8	3.15	135	75	18	0.823
3037-4	13	10	5.3	160	90	22	1.5
3037-5	16	13	8	180	100	26	2.32
3037-6	18	16	11.2	200	110	32	3.95
3037-7	20	16	14	260	140	36	6.34
3037-8	22	20	17	300	160	40	8.96
3037-9	26	22	21.2	340	180	45	12.8
3037-10	32	26	31.5	350	190	50	16.55
3037-11	36	32	45	400	200	56	23.28
3037-12	40	36	56	430	220	63	32



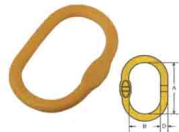
## G80 A343 MASTER LINK

ITEM NO	SIZE (mm)	W.L.L. (t)	Dimensions(mm)			N.W. (Kg)
			A	B	D	
3038-1	13	3.17	127	63.5	13	0.37
3038-2	16	4.08	152	76.0	16	0.69
3038-3	19	5.58	140	70.0	19	0.94
3038-4	22	6.44	162	95.5	22	1.54
3038-5	25	11.05	178	89.0	25	2.2
3038-6	32	16.42	222	111	32	4.34
3038-7	38	25.67	267	133	38	7.36
3038-8	44	38.51	305	152	44	11.44
3038-9	51	46.54	356	178	51	16.8



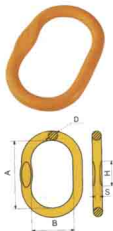
## G80 A343 MASTER LINK

ITEM NO	SIZE (mm)	W.L.L. (t)	Dimensions(mm)			N.W. (Kg)
			A	B	D	
3039-1	12	1.6	100	60	12	0.27
3039-2	14	2.76	100	60	14	0.38
3039-3	18	4	160	90	18	0.85
3039-4	20	6.5	160	90	20	1.2
3039-5	22	8.2	180	100	22	1.63
3039-6	25	11.5	180	100	25	2.13
3039-7	28	12.8	270	140	28	3.81
3039-8	32	16	270	140	32	5.05



**G80 MASTER LINK WITH FLAT (WELDED)**

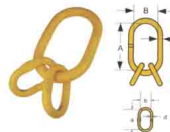
ITEM NO	CODE	W.L.L.	Dimension(mm)						N.W.
			(t)	A	B	D	S	H	
3040-1	13B5	2.6	96	51	13	7	50	0.3	
3040-2	13B6	2.4	115	60	13	7	50	0.35	
3040-3	16B6	3.8	120	70	16	9	70	0.6	
3040-4	16B7	2.8	190	100	16	9	70	0.86	
3040-5	20B6	6.4	150	80	20	11	50	1.1	
3040-6	20B7	5.8	170	90	20	11	70	1.25	
3040-7	22B6	7.6	170	90	22	12	70	1.53	
3040-8	22B7	6.4	210	110	22	12	70	1.83	
3040-9	25B6	10	190	100	25	13	80	2.21	
3040-10	28B6	12.7	210	110	28	15	80	3.06	
3040-11	28B7	10.5	270	140	28	15	70	3.81	
3040-12	32B6	15.2	270	140	32	17	70	5.05	
3040-13	38B6	25.1	270	140	38	20	55	7.3	
3040-14	38B7	17	420	220	38	20	55	10.78	
3040-15	45B6	34	320	170	45	24	60	12.2	
3040-16	45B7	24.5	470	250	45	24	60	17.06	
3040-17	50B6	40	380	200	50	-	-	17.65	
3040-18	60B6	58	430	220	60	-	-	28.85	
3040-19	70B6	84	500	250	70	-	-	45.48	



- Design Factor of 4 to 1 for chain and 5 to 1 for wire rope.
- Alloy Steel— Quenched and Tempered.
- Individually Proof Tested.

**G80 A346 WELDED MASTER LINK ASSEMBLY**

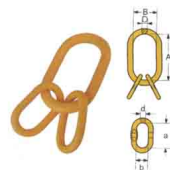
ITEM NO	SIZE	W.L.L.	B	D	A	b	d	a	N.W.
3043-1	6	2.36	75	18	135	25	13	54	1.18
3043-2	7	3.15	75	18	135	38	13	60	1.24
3043-3	8	4.25	90	22	160	34	16	70	2.2
3043-4	10	6.70	100	26	180	40	18	85	3.4
3043-5	13	11.20	110	32	200	50	22	115	6.1
3043-6	16	17	140	36	260	65	26	140	9.98
3043-7	18	21.2	180	45	340	100	32	180	18.9
3043-8	20	26.5	190	50	350	100	32	180	22.6
3043-9	22	31.5	190	50	350	100	36	180	25.2
3043-10	26	45	200	56	400	110	40	200	34.26
3043-11	28	50	220	63	430	110	45	200	47.11
3043-12	32	63	250	72	460	110	50	200	66.46

**G80 FORGED MASTER LINK**

ITEM NO	CODE	W.L.L.	Dimension(mm)			N.W.
			(t)	A	B	
3041-1	16B7	3.2	190	100	16	0.86
3041-2	Y025	6.4	300	210	25	3.53
3041-3	22B7	7	210	110	22	1.83
3041-4	Y032	11	300	210	32	5.94
3041-5	28B7	11.5	270	140	28	3.8
3041-6	28B6	14.2	210	110	28	3.06
3041-7	32B6	17	270	140	32	5.05
3041-8	38B7	19	420	220	38	10.78
3041-9	38B6	28	270	140	38	7.29
3041-10	45B7	27	470	250	45	17.06
3041-11	50B6	45	380	200	50	17.65
3041-12	60B6	65	430	220	60	28.85

**G80 A346 WELDED MASTER LINK ASSEMBLY**

ITEM NO	SIZE	W.L.L.	B	A	D	a	b	d	N.W.
3044-1	19	4.1	70	140	20	85	40	14	1.55
3044-2	25	8.4	89	178	25	100	60	18	3.29
3044-3	32	14.1	110	220	32	100	60	22	7.18
3044-4	38	21.3	135	267	38	180	100	28	12.91
3044-5	44	33.3	152	305	45	180	100	35	21.25
3044-6	51	40.3	178	356	50	180	100	38	30.34

**G80 A347 WELDED MASTER LINK ASSEMBLY**

ITEM NO	SIZE	W.L.L.(t)	D	B	A	d	a	b	N.W.	
										(mm)
3045-1	14	2.4	2	14	60	100	12	85	4.0	0.82
3045-2	17	3.2	2.5	18	90	160	14	100	6.0	1.61
3045-3	20	5	4	20	90	160	14	100	6.0	1.95
3045-4	22	8	6.4	22	100	180	18	150	7.0	3.16
3045-5	28	12	9.6	28	140	270	22	160	9.0	6.75
3045-6	32	17.4	13.9	32	140	270	25	180	10.0	9.31

**G80 SCREW-ON LIFTING POINT**

ITEM NO	SIZE	W.L.L.	Dimension(mm)			
			(t)	A	B	C
3042-1	M8	0.3	38	65	14	26
3042-2	M10	0.5	38	65	14	26
3042-3	M12	0.75	38	65	14	26
3042-4	M16	1	38	85	14	26
3042-5	M20	2	42	85	16	30
3042-6	M24	3	46	85	16	32
3042-7	M30	5	62	114	22	42



## G80 LIFTING CHAIN (EN818-2)



ITEM NO	Chain size	d (mm)	P (mm)	W1 min.(mm)	W2 max.(mm)	Proof load (KN)	Breaking load (KN)	Weight (kg/m)
4000-1	6x18	6 <sup>+0.14</sup> <sub>-0.14</sub>	18 <sup>+0.3</sup> <sub>-0.3</sub>	8 <sup>+0.3</sup> <sub>-0.3</sub>	22.2	28.3	45.2	0.8
4000-2	7x21	7 <sup>+0.15</sup> <sub>-0.15</sub>	21 <sup>+0.3</sup> <sub>-0.3</sub>	10 <sup>+0.4</sup> <sub>-0.4</sub>	25.9	38.5	61.6	1.1
4000-3	8x24	8 <sup>+0.17</sup> <sub>-0.17</sub>	24 <sup>+0.3</sup> <sub>-0.3</sub>	11 <sup>+0.7</sup> <sub>-0.7</sub>	29.6	50.3	80.4	1.4
4000-4	10x30	10 <sup>+0.18</sup> <sub>-0.18</sub>	30 <sup>+0.3</sup> <sub>-0.3</sub>	14 <sup>+0.4</sup> <sub>-0.4</sub>	37.0	78.5	126.0	2.2
4000-5	13x39	13 <sup>+0.20</sup> <sub>-0.20</sub>	39 <sup>+0.3</sup> <sub>-0.3</sub>	18 <sup>+0.9</sup> <sub>-0.9</sub>	48.1	133.0	212.0	3.7
4000-6	16x48	16 <sup>+0.24</sup> <sub>-0.24</sub>	48 <sup>+0.3</sup> <sub>-0.3</sub>	21 <sup>+1.1</sup> <sub>-1.1</sub>	59.2	201.0	322.0	5.7
4000-7	18x54	18 <sup>+0.24</sup> <sub>-0.24</sub>	54 <sup>+0.3</sup> <sub>-0.3</sub>	27 <sup>+1.1</sup> <sub>-1.1</sub>	66.2	254.0	407.0	7.1
4000-8	20x60	20 <sup>+0.18</sup> <sub>-0.18</sub>	60 <sup>+0.3</sup> <sub>-0.3</sub>	29 <sup>+1.1</sup> <sub>-1.1</sub>	74.0	314.0	503.0	8.9
4000-9	22x66	22 <sup>+0.17</sup> <sub>-0.17</sub>	66 <sup>+0.3</sup> <sub>-0.3</sub>	32 <sup>+1.1</sup> <sub>-1.1</sub>	81.4	380.0	608.0	10.7

- Elongation at manufacturer  $\geq 20\%$ .
- Mandatory test certificate & document available
- Structural alloy steel with high percentage
- The heat treatment process ensures minimum scatter band variances of chain characteristics over a large number of production lots.



Identification of the high-tensile chain with manufacturer's identification number, Stamping every mtr.



Heat-treatment



The High-dynamic round steel chains are stamped with the serial number, all manufacturing and proof data of the chain are also recorded. Marking once per running mtr.

Automatic Welding



## G80 CALIBRATED LOAD CHAIN(EN818-7)



ITEM NO	Chain size	d (mm)	P (mm)	W1 min.(mm)	W2 Max.(mm)	Proof load (KN)	Breaking load (KN)	Weight (kg/m)
4001-1	4X12	4 <sup>+0.10</sup> <sub>-0.10</sub>	12 <sup>+0.25</sup> <sub>-0.25</sub>	5	13 <sup>+0.30</sup> <sub>-0.30</sub>	12	20.2	0.35
4001-2	5X15	5 <sup>+0.10</sup> <sub>-0.10</sub>	15 <sup>+0.25</sup> <sub>-0.25</sub>	6.3	17 <sup>+0.30</sup> <sub>-0.30</sub>	19	31.6	0.56
4001-3	6x18	6 <sup>+0.10</sup> <sub>-0.10</sub>	18 <sup>+0.35</sup> <sub>-0.35</sub>	7.50	21 <sup>+0.45</sup> <sub>-0.45</sub>	27	45.4	0.8
4001-4	7x21	7 <sup>+0.11</sup> <sub>-0.11</sub>	21 <sup>+0.45</sup> <sub>-0.45</sub>	8.87	23 <sup>+0.54</sup> <sub>-0.54</sub>	37	61.6	1.1
4001-5	8x24	8 <sup>+0.11</sup> <sub>-0.11</sub>	24 <sup>+0.45</sup> <sub>-0.45</sub>	10.00	26 <sup>+0.60</sup> <sub>-0.60</sub>	48	80.6	1.42
4001-6	9x27	9 <sup>+0.11</sup> <sub>-0.11</sub>	27 <sup>+0.52</sup> <sub>-0.52</sub>	11.25	30 <sup>+0.60</sup> <sub>-0.60</sub>	61	102.0	1.8
4001-7	10x30	10 <sup>+0.11</sup> <sub>-0.11</sub>	30 <sup>+0.58</sup> <sub>-0.58</sub>	12.50	33 <sup>+0.75</sup> <sub>-0.75</sub>	76	126	2.2

The gauge is used for measuring the pitch length of minimum 5 links chain.



Pitch length is suitable for gauge



Pitch length is too short which is failed

## G80 LASHING CHAIN



ITEM NO	Chain Size	d (mm)	P (mm)	W1 min.(mm)	W2 Max.(mm)	Proof load (KN)	Breaking load (KN)	Weight (kg/m)
4002-1	6x35	6	35	10	22	22	44	0.64
4002-2	9x53	9	53	15	33	49	98	1.42
4002-3	11x64	11	64	18	40	77	153	2.18
4002-4	13x80	13	80	22	51	106	212	3.01
4002-5	16x100	16	100	26	66	161	322	4.5
4002-6	19x110	19	110	30	68	227	454	6.6
4002-7	22x125	22	125	38	84	304	608	8.7

## G30 HAND CHAIN FOR CHAIN HOIST AND GEARED TROLLEY



ITEM NO	Chain Size (mm)	D(mm)	LINK DIMENSION			WEIGHT Kg/m
			P(mm)	W1mm	W2mm	
4003-1	5	5	23.7	8	8	0.46
4003-2	5	5	25	7	7	0.45

## DIN5686 KNOTTED CHAIN



ITEM NO	DIAMETER (d)mm	INSIDE LENGTH (P)mm	OUTSIDE WIDTH (W2)mm	BREAKING LOAD KG	WEIGHT PER 100M KG
4004-2	1.6	23.0	7.0	22	6.0
4004-3	1.8	26.5	8.0	30	7.3
4004-4	2.0	28.0	9.0	40	9.0
4004-5	2.2	31.0	10.0	50	11.0
4004-6	2.5	35.0	11.0	70	14.0
4004-7	2.8	39.0	12.5	90	17.0
4004-8	3.1	41.0	14.0	120	21.0
4004-9	3.4	44.0	15.5	140	26.0
4004-10	3.8	46.0	17.0	160	34.0
4004-11	4.2	52.0	19.0	170	41.0
4004-12	4.6	58.0	20.5	180	50.0
4004-13	5.0	60.0	22.5	190	57.0

## G30 AUSTRALIAN STANDARD LINK CHAIN



## 1. SHORT LINK CHAIN

ITEM NO	CHAIN WORKING		LINK DIMENSION			LINKS		LENGTH PER 100KG	
	SIZE	LOAD	D	p	W	EACH MTR	Self Color	H.D.G.	
4005-1	MM	MT	MM	MM	MM	PC	M	M	
4005-2	6	0.32	6.3	18.9	21.5	52.9	114	108	
4005-3	8	0.53	8.8	24.0	27.5	41.7	70.5	67.0	
4005-4	10	0.83	10.0	29.5	33.5	33.9	45.2	42.9	
4005-5	12	1.50	12.5	37.5	40.6	26.7	29.5	28	
4005-6	16	2.31	16	47.0	54.0	21.3	17.6	16.7	

## 2. MEDIUM LINK CHAIN

ITEM NO	CHAIN WORKING		LINK DIMENSION			LINKS		LENGTH PER 100KG	
	SIZE	LOAD	D	p	W	EACH MTR	Self Color	H.D.G.	
4006-1	MM	MT	MM	MM	MM	PC	M	M	
4006-2	3	0.06	3.15	15.7	13.1	63.8	511	498	
4006-3	4	0.11	4.00	18.6	16.0	53.9	320	305	
4006-4	5	0.19	5.00	22.0	19.4	45.4	203	193	
4006-5	6	0.32	6.30	26.1	23.5	37.8	129	120	
4006-6	8	0.53	8.00	32.2	29.5	31.0	77.8	74.1	
4006-7	10	0.83	10.0	39.1	36.2	25.0	48.5	47.1	
4006-8	12	1.35	12.0	46.0	44.0	21.7	34	33.3	
4006-9	13	1.50	13.0	49.1	46.1	20.3	29.7	27.7	
4006-10	16	2.31	16.0	59.6	56.5	16.8	20.2	18.2	
4006-11	20	3.67	20.0	73.3	70.0	13.6	12.3	11.6	
4006-12	24	5.31	24.0	87.0	83.6	11.5	8.5	8.04	

## 3. LONG LINK CHAIN

ITEM NO	CHAIN WORKING		LINK DIMENSION			LINKS		LENGTH PER 100KG	
	SIZE	LOAD	D	p	W	EACH MTR	Self Color	H.D.G.	
4007-1	MM	MT	MM	MM	MM	PC	M	M	
4007-2	5	0.19	5.00	29.3	21.8	34.1	217	206	
4007-3	6	0.32	6.30	34.5	26.1	29.0	135	128	
4007-4	8	0.53	8.00	41.2	31.9	24.3	82.2	78.1	
4007-5	10	0.83	10.0	49.0	38.7	20.4	52.9	50.2	

## G70 AUSTRALIAN STANDARD TRANSPORT CHAIN

ITEM NO	CHAIN SIZE		LINK DIMENSION			WEIGHT PER M	LENGTH PER 500KG	LENGTH PER 500KG	BREAKING LOAD
	MM	MM	D	p	W				
4008-1	6	6.3	18.9	22.05	0.88	568	56.8	44.1	
4008-2	7	7.1	21.3	24.85	1.12	446	44.6	55.9	
4008-3	8	8	24	28	1.43	350	35	73.6	
4008-4	10	10	30	35	2.16	224	22.4	118	
4008-5	13	13	39	45.5	3.75	133	13.3	176	

## ASTM80 STANDARD LINK



## 1. PROOF COIL CHAIN ASTM80 (G30)

ITEM NO	TRADE SIZE	MATERIAL DIAMETER		WORKING LOAD LIMIT		PROOF TEST		BREAKING FORCE MINIMUM		MAX LENGTH PER 100 LINKS		MAX WEIGHT PER 100FEET	
		IN	MM	LBS	KG	LBS	KN	LBS	KN	IN	M	LBS	KG
4009-1	3/16	0.218	5.5	750	340	1500	6.7	3000	13.3	99	2.51	42	19
4009-2	1/4	0.281	7.1	1250	570	2500	11.1	5000	22.2	104	2.64	76	34
4009-3	5/16	0.343	8.7	1900	860	3800	16.9	7600	33.8	114	2.89	115	52
4009-4	3/8	0.406	10.3	2650	1200	5300	23.6	10600	47.2	128	3.25	166	75
4009-5	7/16	0.468	11.9	3500	1590	7000	31.1	1400	62.3	142	3.60	225	102
4009-6	1/2	0.531	13.5	4500	2040	9000	40.0	18000	80.1	156	3.96	289	131
4009-7	5/8	0.656	16.7	6900	3130	13800	61.4	27600	122.8	194	4.92	425	193
4009-8	3/4	0.781	19.8	9750	4420	19500	86.7	39000	173.5	220	5.59	612	278



## 2. HIGH TEST CHAIN ASTM80 (G30)

ITEM NO	TRADE SIZE	MATERIAL DIAMETER		WORKING LOAD LIMIT		PROOF TEST		BREAKING FORCE MINIMUM		MAX LENGTH PER 100 LINKS		MAX WEIGHT PER 100FEET	
		IN	MM	LBS	KG	LBS	KN	LBS	KN	IN	M	LBS	KG
4010-1	1/4	0.281	7.1	2600	1180	4300	19.1	7750	34.5	98	2.49	84	38
4010-2	5/16	0.434	8.7	3900	1770	6400	28.5	11600	51.6	110	2.79	120	54
4010-3	3/8	0.406	10.3	5400	2450	8900	39.6	16200	72.1	134	3.40	176	80
4010-4	7/16	0.468	11.9	7200	3260	11900	52.9	21500	95.6	140	3.55	230	104
4010-5	1/2	0.531	13.5	9200	4170	15300	68.1	27600	122.8	150	4.06	300	136



## 3. HIGH TEST CHAIN ASTM80 (G70)

ITEM NO	TRADE SIZE	MATERIAL DIAMETER		WORKING LOAD LIMIT		PROOF TEST		BREAKING FORCE MINIMUM		MAX LENGTH PER 100 LINKS		MAX WEIGHT PER 100FEET	
		IN	MM	LBS	KG	LBS	KN	LBS	KN	IN	M	LBS	KG
4011-1	1/4	0.281	7.1	3150	1430	6300	28.0	12600	56.1	98	2.49	84	38
4011-2	5/16	0.343	8.7	4700	2130	9400	41.8	18800	83.6	110	2.79	120	54
4011-3	3/8	0.406	10.3	6600	3000	13200	58.7	26400	117.4	134	3.40	176	80
4011-4	1/2	0.531	13.5	11300	5130	22600	100.5	45200	201.1	160	4.06	300	136



## LEVER HOIST HSH-S TYPE



Item no	5000-1	5000-2	5000-3	5000-4	5000-5	5000-6	5000-7	5000-8
Capacity	kg 500	750	1000	1500	2000	3000	6000	9000
Standard Lift	m 1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Test Load	kg 750	1125	1500	2250	3000	4500	9000	13500
Pull on lever to lift full load	N 248	265	270	295	315	335	370	420
No. of load chain	mm 1	1	1	1	1	1	2	3
Diameter of load chain	mm 5×15	6×18	6×18	7.1×21	8×24	10×30	10×30	10×30
Min. distance between hooks	Hmm 300	330	365	400	445	520	640	830
Length of lever handle	D mm 253	278	278	378	378	388	388	388
Dimensions (mm)	A	143	148	153	173	181	200	200
	B	86	87	90	99	105	112	112
	C	118	132	140	145	152	199	230
	Ø	31.5	35.5	37.5	42.5	45	50	53
	E	24	27	29	33.5	36	40	42.5

## LEVER HOIST HSH-B TYPE



Item No.	5001-1	5001-2	5001-3	5001-4	5001-5
Capacity	T 0.75	1.5	3	6	9
Standard lift	M 1.5	1.5	1.5	1.5	1.5
Running test load	KN 11.03	22.05	37.50	75	112.5
Effort required to lift max. load	N 140	220	320	340	360
No. of columns of load chain falls	1	1	1	2	3
Load chain dia.	mm 6×18	8×24	10×30	10×30	10×30
Headroom (drawn close-up): H	mm 320	380	480	600	700
Length of Lever handles: L	mm 280	410	410	410	410
Dimensions (mm)	A	148	172	200	203
	B	90	98	115	115
	C	136	160	180	235
	D	30	35	40	50

## LEVER HOIST HSH-C1/C2 TYPE



Item No (HSH-C1)	5002-1	5002-2	5002-3	5002-4	5002-5
Item No (HSH-C2)	5003-1	5003-2	5003-3	5003-4	5003-5
Capacity	T 0.75	1.5	3	6	9
Standard lift	M 1.5	1.5	1.5	1.5	1.5
Running test load	KN 11.0	22.0	37.50	75	112.5
Effort required to lift max. load	N 140	240	320	340	360
No. of columns of load chain	1	1	1	2	3
Load chain dia.	mm 6×18	8×24	10×30	10×30	10×30
Headroom (drawn close-up): H	mm 320	380	480	600	700
Length of handles L (mm)	285	370	420	420	410
Dimensions (mm)	A	155	180	215	215
	B	95	105	130	130
	C	135	155	200	200
	D	30	36	40	50

## CHAIN BLOCK HS-S TYPE



- Adopting the double-pawl braking ensures the chain block for safe and reliable operation.
- The hoisting sprocket made of alloy steel with precision machine has been got well heat-treatment. It matches with chain very well so that the wear is decreased and the operating life increased.
- The rolling bearings with international general standard are fitted at the ends of the hoisting sprocket, with high transmission efficiency, small pulling force and easy maintenance.

Item No.	5004-1	5004-2	5004-3	5004-4	5004-5	5004-6	5004-7	5004-8	5004-9	5004-10	5004-11	5004-12	5004-13	5004-14	
Capacity (kg)	250	500	1000	1500	2000	3000	3000	5000	7500	10000	15000	20000	30000	50000	
Standard lift (m)	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
No. of load chain falls	1	1	1	1	1	1	2	2	3	4	6	8	12	20	
Load Chain Dia. (mm)	4×12	6×18	6×18	8×24	8×24	10×30	8×24	10×30	10×30	10×30	10×30	10×30	10×30	10×30	
Effort required to lift Max. load (N)	235	249	284	380	343	372	343	372	368	382	378	382	398	475×2	
Dimension (mm)	A(mm)	120	146	161	182	202	255	230	250	430	460	718	840	870	746
	B(mm)	114	138	154	176	177	205	178	189	189	189	189	189	455	660
	C(mm)	21	23	27	33	35	39	39	45	47	59	70	80	85	110
	D(mm)	31	35	40	45	50	55	55	65	67	85	95	106	110	128
	Hmin(mm)	280	350	383	442	485	554	565	760	688	780	950	970	1400	2490

## CHAIN BLOCK HS-B TYPE



- All structural parts made of high quality steel
- Alloy steel hooks (35CrMo)
- Gear made of alloy steel (20CrMnTi)
- Strong nut
- Hollow structure increase increase strength
- Safety latches made of casting steel
- All major components are strictly heat treated
- Load chain made by GERMAN machine

ITEM NO	5005-1	5005-2	5005-3	5005-4	5005-5	5005-7	5005-8		
Capacity	t	0.5	1	1.5	2	3	5	10	20
Standard lift	m	3	3	3	3	3	3	3	3
Running test load	N	0.75	1.5	2.25	3	4.5	6.25	12.5	25
Headroom (down close up) Hmax	mm	271	400	453	420	620	704	720	1000
Effort required to lift max. load N		221	304	343	314	343	382	392	392
No. of columns of load chain		1	1	1	2	2	2	4	8
Load chain dia.	mm	6×18	6×18	8×24	6×18	8×24	10×30	10×30	10×30
Dimensions (mm)	A	138	164	198	164	198	228	367	598
	B	114	124	142	124	142	167	167	200
	C	21.5	27	30	30	37	46	54	65
	D	145	182	219	182	219	252	252	252

## FARM JACK



- Construction, agriculture and industrial application where long travel is required for lifting, pulling, pushing or clamping.
- Adjustable top bracket used for clamping. Safety shear pin protects lifting nose and dropping of load if jack is overloaded.
- Load is supported when activated in either direction.
- 3/4" lift with each handle stroke.

ITEM NO.	Capacity	Size	A	B	C	D
6001	3500kg	33inch	31-3/7"	7"	4"	25-3/8"
6002	3500kg	48inch	46"	7"	4"	33-1/4"
6003	3500kg	60inch	57"	7"	4"	33-1/4"

## MECHANICAL JACK



Conforms to DIN7355 and ASME B30.1-2004

ITEM NO	7001	7002	7003	7004	7005	7006	
Rated Capacity	T	1.5	3	5	10	16	20
Test Capacity	KN	22	44.1	73.5	147	196	245
Chain Stroke to Lift Full Load	N	280	350	400	580	640	640
	A	81	83	108	124	135	135
Main Dimensions (mm)	B	100	130	140	140	150	150
	C	600-900	735-1090	730-1075	800-1190	800-1120	860-1180
	D	60-360	70-425	80-425	100-490	95-415	100-420
	E	55	60	71	86	80	80
	F	46	45	68	76	85	85
	G	110	138	170	170	180	180
	H	225	249	249	300	300	380
	K	147	168	190	250	275	275
	R	119	129	146	168	210	220
	S	175	245	218	210	208	208
T	113	130	130	239	250	250	