

Huixing Metals

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QINGDAO HUIXING METALS PRODUCTS CO.,LTD

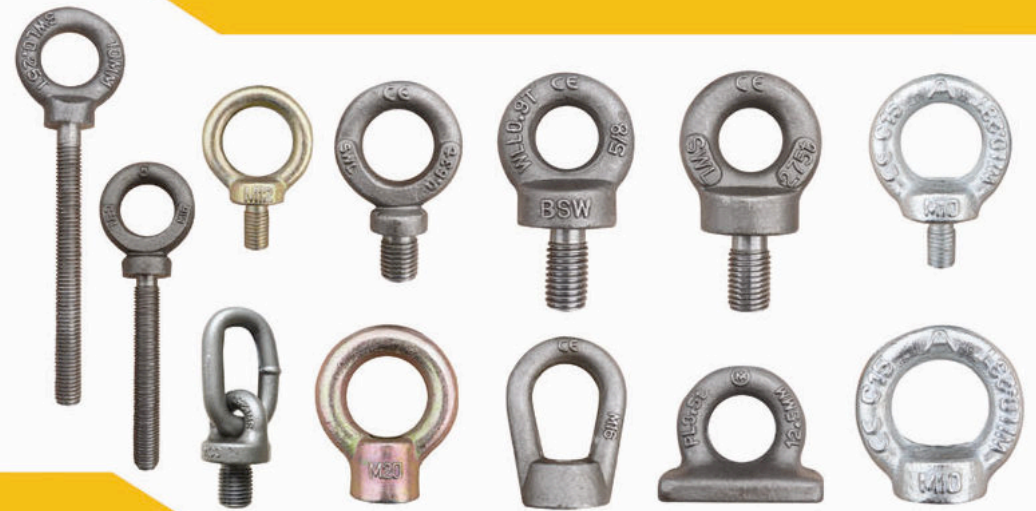
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QINGDAO HUIXING METALS PRODUCTS CO.,LTD

Company Introduction

Qingdao Huixing Metals Products Co., Ltd. is a professional hot forging products manufacturer in China, located at south of Jimo City, Qingdao near to the first grade road of Yantai - Qingdao, 8 km to Qingdao Liuting International Airport and 26km to Qingdao Port which is very convenient.

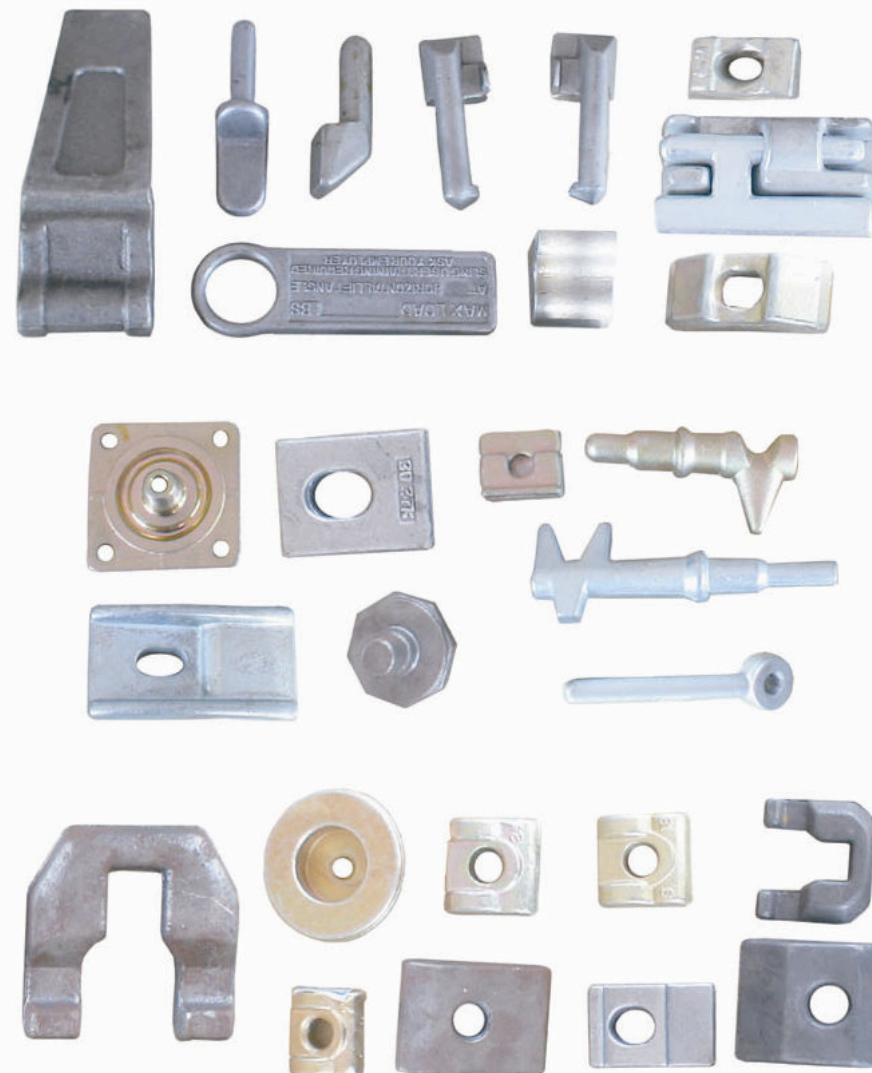
Our main products are various riggings, eyebolt, eyenut, Power Line Hardware, hook, shackle, forgings, pressed parts and castings for export to Europe, America and Asia with more than 20 countries and areas.

Qingdao Huixing warmly welcome the friends from all of the world and assure you of high quality products and best services.





HOT FORGING



HOT FORGING



POWER LINE HARDWARE

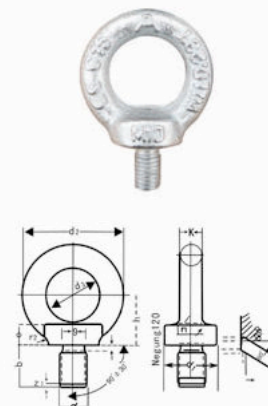


POWER LINE HARDWARE



EYE BOLT DIN 580

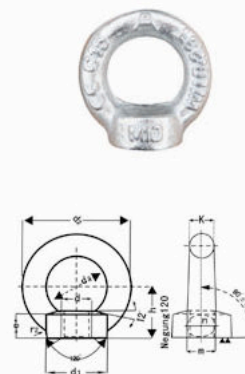
material:C15,C15E



SIZE d	WLL (ton.)	WEIGHT PER 100 (kg)	DIMENSIONS(mm)						
			d ₁	d ₂	d ₃	b	e	h	k
M6	0.08	5	20	36	20	13	6	18	8
M8	0.14	6	20	36	20	13	6	18	8
M10	0.23	11	25	45	25	17	8	22.5	10
M12	0.34	18	30	54	30	20.5	10	26	12
M14	0.49	28	35	63	35	27	12	30.5	14
M16	0.7	28	35	63	35	27	12	30.5	14
M18	0.93	45	40	72	40	30	14	35	16
M20	1.2	45	40	72	40	30	14	35	16
M22	1.5	67	45	81	45	35	16	40	18
M24	1.8	87	50	90	50	36	18	45	20
M27	2.5	88	50	90	50	36	18	45	20
M30	3.6	166	65	108	60	45	22	55	24
M33	4.3	172	65	108	60	45	22	55	24
M36	5.1	265	75	126	70	54	26	65	28
M39	6.1	280	75	126	70	54	26	65	28
M42	7.0	403	85	144	80	63	30	75	32
M45	8	425	85	144	80	63	30	75	32
M48	8.6	638	100	166	90	68	35	85	38
M52	9.9	660	100	166	90	68	35	85	38
M56	11.5	880	110	184	100	78	38	95	42
M64	16.0	1240	120	206	110	90	42	105	48

EYE NUT DIN 582

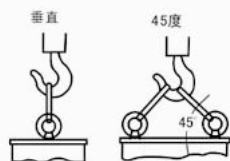
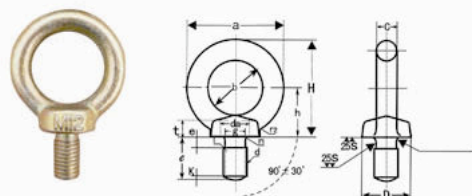
material:C15,C15E



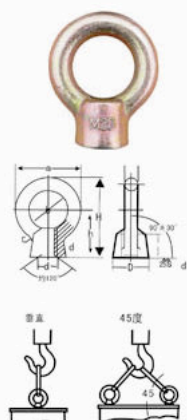
SIZE d	WLL (ton.)	WEIGHT PER 100 (kg)	DIMENSIONS(mm)						
			d ₁	d ₂	d ₃	e	h	k	
M6	0.08	4.5	17	36	20	8.5	18	8	
M8	0.14	5.0	20	36	20	8.5	18	8	
M10	0.23	9.0	25	45	25	10	22.5	10	
M12	0.34	16.0	30	54	30	11	26	12	
M14	0.49	24.0	35	63	35	13	30.5	14	
M16	0.7	24.0	35	63	35	13	30.5	14	
M18	0.93	36.0	40	72	40	16	35	16	
M20	1.2	36.0	40	72	40	16	35	16	
M22	1.5	58.0	45	81	45	18	40	18	
M24	1.8	72.0	50	90	50	20	45	20	
M27	2.5	70.0	50	90	50	20	45	20	
M30	3.6	132.0	65	108	60	25	55	24	
M33	4.3	130.0	65	108	60	25	55	24	
M36	5.1	208.0	75	126	70	30	65	28	
M39	6.1	202.0	75	126	70	30	65	28	
M42	7.0	311.0	85	144	80	35	75	32	
M45	8.0	304.0	85	144	80	35	75	32	
M48	8.6	502.0	100	166	90	40	85	38	
M52	9.9	495.0	100	166	90	40	85	38	
M56	11.5	669.0	110	184	100	45	95	42	
M64	16.0	930.0	120	206	110	50	105	48	

EYE BOLT

JIS B 1168-1994



Designation of Eye Bolt (d)																	使用荷重		重量 (kg) (約)
M	W	a	b	c	D	t	h	H	l	e	g	r1	da	r2	k	M kN(kg)	W kN(kg)		
(参考)																			
(6)	(1/4)	26	16	5.8	13.5	6	14	27	14	2	4.5	0.8	7.1	2	1	0.588(60)		0.016	
8	5/16	32.6	20	6.3	16	5	17	33.3	15	3	6	1	9.2	4	1.2	0.785(80)	1.37(140)	0.003	
10	3/8	41	25	8	20	7	21	41.5	18	4	7.7	1.2	11.2	4	1.5	1.47(150)		0.06	
12	1/2	50	30	10	25	9	26	51	22	5	9.4	1.4	14.2	6	2	2.16(220)	2.16(220)	0.12	
16	5/8	60	35	12.5	30	11	30	60	27	5	13	1.6	18.2	6	2	4.41(450)	3.92(400)	0.22	
20	3/4	72	40	16	35	13	35	71	30	6	16.4	2	22.4	8	2.5	6.18(630)	5.88(600)	0.39	
(22)	(7/8)	80	44	19	40	16.5	43	84	35	7	18.5	2.3	24.4	10	2.5	7.74(790)	7.84(800)	0.56	
24	1"	90	50	20	45	18	45	90	38	8	19.6	2.5	26.4	12	3	9.32(950)	9.32(950)	0.80	
30	1 1/4	110	60	25	60	22	55	110	45	8	25	3	33.4	15	3.5	14.7(1500)	14.7(1500)	1.56	
36	1 1/2	133	70	31.5	70	26	65	131.5	55	10	30.3	3	39.4	18	4	22.6(2300)	22.6(2300)	2.90	
42	1 3/4	151	80	35.5	80	30	75	150.5	65	12	35.6	3.5	45.6	20	4.5	33.3(3400)	33.3(3400)	4.40	
48	2"	170	90	40	90	35	85	170	70	12	41	4	52.6	22	5	44.1(4500)	44.1(4500)	6.10	
64	2 1/2	210	110	50	110	42	105	210	90	14	55.7	5	71	25	6	88.3(9000)	88.3(9000)	11.50	



EYE NUT

JIS B 1169-1994

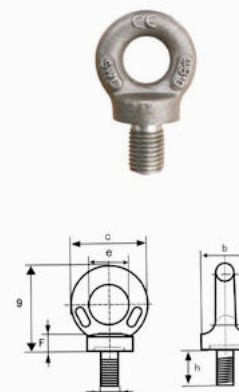
Designation of Eye Bolt (d)		a	b	c	D	t	h	H	r	d ₁	使用荷重		重量 (kg) (約)
M	W	(参考)									M kN(kg)	W kN(kg)	
(6)	(1/4)	25	14	6.3	13	10	20	32.5	6	7.5	0.588(60)		0.016
8	5/16	32.6	20	6.3	16	12	23	39.3	8	8.5	0.785(80)		0.026
10	3/8	41	25	8	20	15	28	48.5	10	10.6	1.47(150)	1.37(140)	0.064
12	1/2	50	30	10	25	19	36	61	12	12.5	2.16(220)	2.16(220)	0.125
16	5/8	60	35	12.5	30	23	42	72	14	17	4.41(450)	3.92(400)	0.223
20	3/4	72	40	16	35	28	50	86	16	21.2	6.18(630)	5.88(600)	0.390
(22)	(7/8)	81	44	19	41	33	58	99	20	24	7.74(790)	7.84(800)	0.570
24	1"	90	50	20	45	38	66	111	25	25	9.32(950)	9.32(950)	0.850
30	1 1/4	110	60	25	60	46	80	135	30	31.5	14.7(1500)	14.7(1500)	1.75
36	1 1/2	133	70	31.5	70	55	95	161.5	35	37.5	22.6(2300)	22.6(2300)	3.00
42	1 3/4	151	80	35.5	80	64	109	184.5	40	45	33.3(3400)	33.3(3400)	4.65
48	2"	170	90	40	90	73	123	208	45	50	44.1(4500)	44.1(4500)	6.60
64	2 1/2	210	110	50	110	90	151	256	50	67	88.3(9000)	88.3(9000)	13.80

Collared Eyebolts B.S.4278-table 1-1984

metric coarse thread MBL equals 5 x SWL

safe working load	diameter thread	diameter base	diameter eye outside	diameter eye inside	thickness collar	height	thread length	weight each
tonnes	a mm	b mm	c mm	e mm	f mm	g mm	h mm	kg
0.10	6	22	33	15	7	36	18	0.06
0.15	8	22	33	15	7	36	18	0.06
0.25	10	22	33	15	7	36	18	0.06
0.40	12	22	33	15	7	36	18	0.06
0.50	14	29	44	20	10	48	23	0.15
0.80	16	29	44	20	10	48	23	0.15
1.00	18	36	52	24	12	58	28	0.27
1.60	20	40	59	27	14	65	32	0.38
1.60	22	45	64	30	14	73	35	0.54
2.50	24	52	77	35	17	84	40	0.85
2.50	27	58	85	39	20	94	46	1.13
4.00	30	65	96	44	22	106	51	1.62
4.00	33	72	106	48	24	117	56	2.37
6.30	36	81	118	54	27	131	63	3.12
6.30	39	86	123	57	29	137	67	3.81
8.00	42	101	148	68	34	164	79	6.27
8.00	45	101	148	68	34	164	79	6.45
10.00	48	101	148	68	34	164	79	6.51
12.50	52	115	168	76	38	186	89	9.58
16.00	56	128	188	86	43	208	100	12.99
20.00	64	144	212	96	48	234	112	18.20

sizes marked* are additional and proportional to the specification



Eyebolts With Oval Link B.S.4278-table 2-1984

metric coarse thread MBL equals 5 x SWL

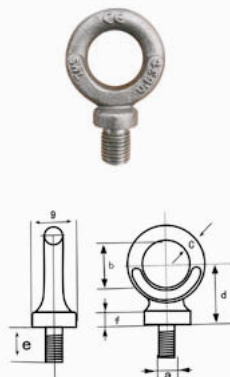
safe working load	diameter thread	diameter link	length link inside	width link inside	height base to centre	thread length	diameter base	weight each
tonnes	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
0.10	8	13	53	24	20	27	39	0.33
0.15	10	13	53	24	20	27	39	0.35
0.20	12	13	53	24	20	27	39	0.36
0.30	14	13	53	24	20	27	39	0.37
0.40	16	13	53	24	20	27	39	0.38
0.70	18	13	53	24	20	27	39	0.39
1.00	20	13	53	24	20	27	39	0.40
1.30	22	15	63	29	23	32	47	0.65
1.60	24	15	63	29	23	32	47	0.66
2.50	30	19	80	37	30	41	60	1.31
4.00	36	24	102	46	38	52	75	2.69
4.50	42	30	126	58	47	65	94	5.31
5.00	45	30	126	58	47	65	94	5.35
6.30	48	30	126	58	47	65	94	5.50

sizes marked* are additional and proportional to the specification



Dynamo Eyebolts B.S.4278-table3-1984

metric coarse thread MBL equals 5 x SWL

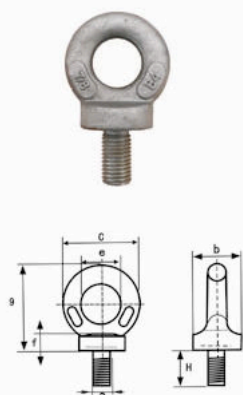


safe working load	diameter thread	diameter eye inside	diameter eye	length base to centre	thread length	bease height	diameter base	weight each
tonnes	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
0.10	6	22	9	27	18	5	17	0.07
0.15	8	22	9	27	18	5	17	0.07
0.25	10	22	9	27	18	5	17	0.07
0.32	12	22	9	27	18	5	17	0.07
0.50	14	32	13	41	28	9	29	0.24
0.63	16	29	11	34	23	6	23	0.14
1.00	18	40	15	47	32	9	32	0.40
1.25	20	40	15	47	32	9	32	0.40
1.60	22	44	17	53	35	14	35	0.61
2.00	24	51	19	60	40	12	40	0.80
3.20	30	64	24	76	51	14	51	1.72

sizes marked* are additional and proportional to the specification

Collared Eyebolts B.S.4278-table 4-1984

BSW thread MBL equals 5 x SWL

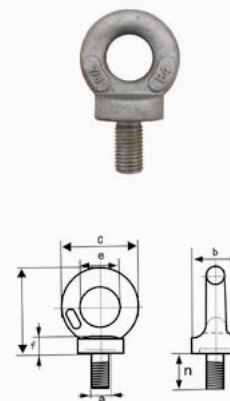


safe working load	diameter thread	diameter base	diameter eye outside	diameter eye inside	thickness collar	height	thread length	weight each
tonnes	a inch	b mm	c mm	e mm	f mm	g mm	h mm	kg
0.10	1/4	22	33	15	7	36	18	0.06
0.15	5/16	22	33	15	7	36	18	0.06
0.25	3/8	22	33	15	7	36	18	0.06
0.50	1/2	29	44	20	10	48	23	0.15
0.90	5/8	36	52	24	12	58	28	0.27
1.40	3/4	45	66	30	14	73	35	0.54
2.00	7/8	52	77	35	17	84	40	0.85
2.75	1	58	85	39	20	94	46	1.13
3.50	1-1/8	65	96	44	22	106	51	1.62
4.50	1-1/4	72	106	48	24	117	56	2.37
6.50	1-1/2	81	118	54	27	131	63	3.12
9.00	1-3/4	101	148	68	34	164	79	6.27
12.00	2	115	168	76	38	186	89	9.58

sizes marked* are additional and proportional to the specification

Collared Eyebolts B.S.4278-table 1-1984

BSW thread MBL equals 5 x SWL

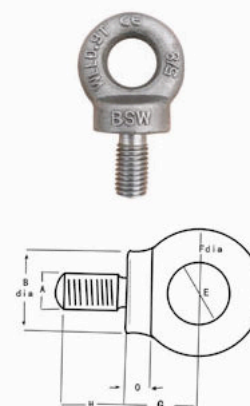


safe working load	diameter thread	diameter base	diameter eye outside	diameter eye inside	thickness collar	height	thread length	weight each
tonnes	a inch	b mm	c mm	e mm	f mm	g mm	h mm	kg
0.10	1/4	22	33	15	7	36	18	0.06
0.15	5/16	22	33	15	7	36	18	0.06
0.25	3/8	22	33	15	7	36	18	0.06
0.40	1/2	22	33	15	7	36	18	0.06
0.50	5/8	29	44	20	10	48	23	0.15
0.80	3/4	40	59	27	14	65	32	0.38
1.00	7/8	45	64	30	14	73	35	0.54
1.60	1	52	77	35	17	84	40	0.85

sizes marked* are additional and proportional to the specification

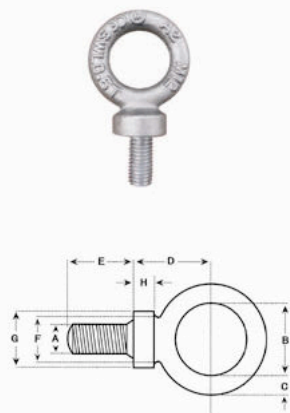
Collared Eyebolts to B.S.S.529 Part 1, 1944

metric coarse thread MBL equals 5 x SWL



safe working load	diameter thread	diameter eye inside	diameter eye	length base to centre	thread length	bease height	diameter base
tonnes	a mm	b mm	d mm	e mm	f mm	g mm	g mm
0.25	1/8	21	7	14	9	19	17
0.5	1/2	28	10	19	11	25	22
0.9	1/8	36	12	24	14	32	28
1.4	3/4	43	14	28	17	38	33
2.0	7/8	50	17	33	20	44	39
2.75	1	57	19	38	22	51	44
3.5	11/8	64	21	42	25	57	50
4.5	1/14	71	24	48	28	64	55
6.5	11/2	85	28	57	33	76	67
9.0	13/4	101	33	67	39	89	77
12.0	2	115	38	76	44	102	89
15.0	21/4	128	42	85	50	115	101
20.0	21/2	143	48	95	55	127	111
30.0	3	172	57	115	67	152	133

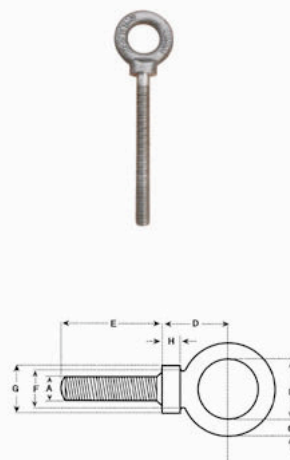
Also available in long shank i.e.=7 (178mm)



Dynamo Eyebolts

metric coarse thread MBL equals 5 × SWL

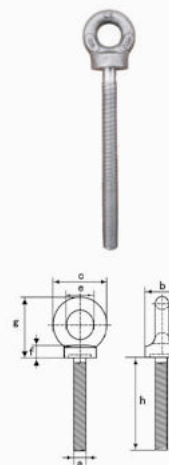
Dimensions								
SWL Tons	A Inches	a mm	b mm	c mm	d mm	e mm	g mm	weight kgs/each
0.10	1/4"	M6	22	10	26	19	19	0.08
0.15	5/16"	M8	22	10	26	19	19	0.08
0.25	3/8"	M10	22	10	26	19	19	0.08
0.50	1/2"	M12	26	11	35	25	25	0.14
0.65		M14	32	13	41	28	28	0.24
0.80	5/8"	M16	32	13	41	28	28	0.24
1.20	3/4"	M20	40	17	54	32	36	0.40
1.60	7/8"	M22	44	17	60	43	38	0.62
2.20	1"	M24	52	21	62	46	34	0.80



LONG SHANK DYNAMO EYEBOLTS

metric coarse thread MBL equals 5 × SWL

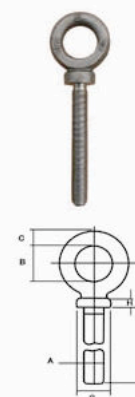
Dimensions								
SWL Tonnes	A Inches	a mm	b mm	c mm	d mm	e mm	g mm	weight kgs/each
0.15	5/16"	M8	22	10	26	102	19	0.10
0.25	3/8"	M10	22	10	26	102	19	0.10
0.50	1/2"	M12		11	35	102	25	0.30
0.80	5/8"	M16	32	13	41	114	28	0.30
1.20	3/4"	M20	40	17	54	127	36	0.70



Long Shank Collared Eyebolts

metric coarse thread MBL equals 5 × SWL

safe working load	diameter thread	diameter base	diameter eye outside	diameter eye inside	thickness collar	height	thread length	weight each
tonnes	a inch	b mm	c mm	e mm	f mm	g mm	h mm	kg
0.25	10	22	33	15	7	36	178	0.18
0.40	12	28	41	19	11	45	178	0.25
0.50	14	36	52	24	14	58	178	0.40
0.80	16	36	52	24	14	58	178	0.44
1.00	18	43	62	29	17	69	178	0.70
1.60	20	43	62	29	17	69	178	0.70
1.60	22	50	73	33	17	74	178	1.05
2.50	24	57	82	38	19	87	178	1.50
4.00	30	71	104	48	24	116	178	2.80



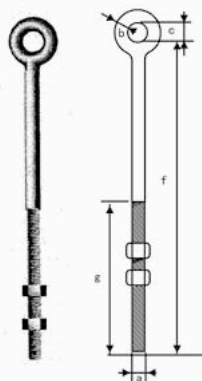
LONG SHANK DYNAMO EYEBOLTS

metric coarse thread MBL equals 5 × SWL

VERTICAL	a	b	d	e	f	g	h	WEIGHT each
SWL TON	mm	mm	mm	mm	mm	mm	mm	kg
0.16	8	22	9.5	27	100	19	6	0.11
0.25	10	22	9.5	27	100	19	6	0.12
0.32	12	29	11	35	100	25	8	0.17
0.63	16	32	13	41	114	29	9.5	0.35
1.25	20	41	16	54	127	35	11	0.60
2.00	24	51	19	64	127	41	13	1.10

Eyebolts Without Collar BS5655-Part8-1983

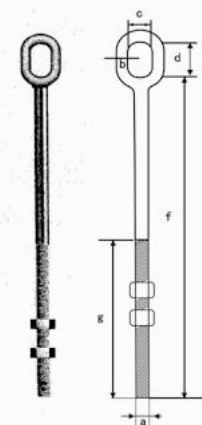
metric coarse thread MBL equals 8 x SWL



working load limit	diameter thread	diameter rope	diameter eye	diameter eye inside	nominal length	length thread	weight each
tonnes	a mm	mm	b mm	c mm	f mm	g mm	kg
0.20	10	6.5	10	15	150	115	0.16
0.31	12	8	12	15	300	230	0.20
0.60	16	11	17	21	150	115	0.30
					300	230	0.42
					450	345	0.80
					600	460	0.93
0.83	20	13	20	24	300	230	1.14
					450	345	1.47
					600	460	1.77
1.27	24	16	24	27	750	575	2.10
					450	345	2.87
					600	460	3.40
1.79	30	19	29	34	750	575	4.00
					600	460	6.50
					750	575	6.90

Eyebolts Without Collar BS 529 - Part 2

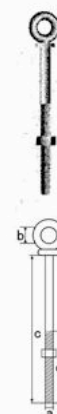
BSW thread



working load limit	diameter thread	diameter eye	diameter eye inside	diameter eye inside	nominal thread	length	weight each
tonnes	a mm	b mm	c mm	d mm	f mm	g mm	kg
8	1/2	1/2	3/4	1 1/8	12	9	0.42
					18	13 1/2	0.54
					24	18	0.68
13	5/8	1/2	1	1 5/8	18	13 1/2	0.93
					24	18	1.14
20	3/4	3/4	1 1/4	1 3/4	18	13 1/2	1.47
					24	18	1.77

Eyebolts

commercial pattern with nut and washer



diameter thread	diameter eye inside	length shank	length thread	weight each
a mm	b mm	c mm	d mm	kg
6	10	63	30	0.05
8	11	108	75	0.07
10	12	114	75	0.10
12	18	133	90	0.18
16	25	155	105	0.41
20	25	165	105	0.67

Ringbolts

commercial pattern with nut and washer



diameter thread	diameter eye inside	length shank	length thread	ring inside	weight each
a mm	b mm	c mm	d mm	e mm	kg
6	10	63	30	44	0.12
8	11	108	75	51	0.16
10	12	114	75	51	0.21
12	18	133	90	63	0.30
16	25	155	105	76	0.52
20	25	165	105	89	0.87

Eyenuts

metric coarse & BSW thread MBL equals 5 × SWL

metric coarse thread

safe working load	diameter thread	diameter eye	diameter base	diameter eye inside	base height	height overall	weight each
tonnes	a mm	b mm	c mm	d mm	e mm	f mm	kg
0.30	10	13	29	44	22	78	0.25
0.50	12	13	29	44	22	78	0.26
0.80	16	13	29	44	22	78	0.27
1.20	20	16	39	49	26	84	0.45
2.20	24	19	44	52	38	111	0.79

bsw thread

safe working load	diameter thread	diameter eye	diameter base	diameter eye inside	base height	height overall	weight each
tonnes	a mm	b mm	c mm	d mm	e mm	f mm	kg
5	3/8	13	29	44	22	78	0.24
10	1/2	13	29	44	22	78	0.25
16	5/8	13	29	44	22	78	0.26
24	3/4	16	39	49	26	84	0.45
32	7/8	16	39	49	26	84	0.45
44	1	19	44	52	38	111	0.79

Bownuts generally to B.S. 3974-Part1-1974

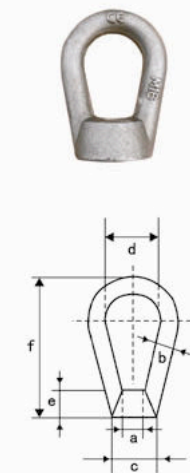
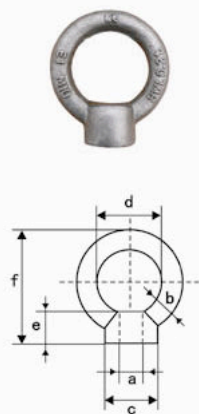
metric coarse & BSW thread MBL equals 5 × SWL

metric coarse thread

safe working load	diameter thread	diameter eye	diameter base	diameter eye inside	base height	height overall	weight each
tonnes	a mm	b mm	c mm	d mm	e mm	f mm	kg
0.23	8	10	32	25	16	64	0.15
0.36	10	10	32	25	16	64	0.15
0.53	12	12	38	30	17	73	0.27
1.01	16	12	38	30	17	73	0.29
1.58	20	14	45	40	25	102	0.50
2.28	24	17	50	50	29	124	0.90
3.65	30	26	70	75	29	149	2.20
5.34	36	26	70	75	29	149	2.20

bsw thread

safe working load	diameter thread	diameter eye	diameter base	diameter eye inside	base height	height overall	weight each
tonnes	a mm	b mm	c mm	d mm	e mm	f mm	kg
0.25	3/8	10	32	25	16	64	0.15
0.50	1/2	12	38	30	17	73	0.27
0.80	5/8	12	38	30	17	73	0.27
1.20	3/4	14	45	40	25	102	0.58
1.60	7/8	14	45	40	25	102	0.58
2.20	1	17	50	50	29	124	0.90
3.50	1 1/4	26	70	75	29	149	2.20
4.75	1 1/2	26	70	75	29	149	2.20



Rectangular Base Eye Plates

for welding

Proof Test Tonnes	Dimensions						Weight kgs/each
	a mm	b mm	c mm	d mm	e mm	f mm	
2.00	10	20	25	45	6	38	0.14
3.50	12	25	35	60	8	50	0.31
5.50	16	32	45	70	10	64	0.45
7.50	19	38	50	85	12	76	0.79
9.56	22	45	60	102	13	89	1.36
13.00	25	50	70	115	16	100	1.82
15.75	28	57	76	130	18	114	2.95
20.00	32	64	85	145	19	128	3.86
23.63	35	70	95	159	21	140	5.11
29.00	38	76	100	170	22	152	6.58
39.00	44	88	120	200	26	178	9.99
50.00	50	100	140	230	30	203	14.98

Rings B.S.2902-1957

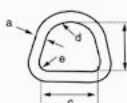
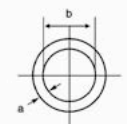
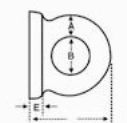
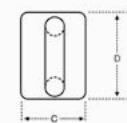
drop forged MBL equals 5 × SWL

safe working load	diameter	diameter	width inside	width inside	weight each
cwts	a inch	a mm	b inch	b mm	kg
11	1/2	13	2	50	0.20
17	5/8	16	2 1/2	64	0.42
25	3/4	19	3	76	0.72
34	7/8	22	3 1/2	89	1.14
44	1	25	4	100	1.75

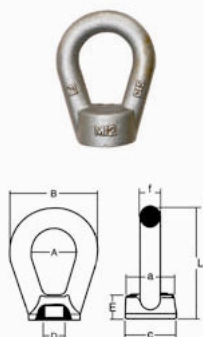
Triangular Links B.S.2837-Table 1-1988

drop forged MBL equals 5 × SWL

safe working load	class	diameter	length inside	width inside	radius top	radius bottom	weight each
tonnes		a mm	b mm	c mm	d mm	e mm	kg
0.32	A	10	67	67	25	8	0.15
0.50	B	12	67	67	25	8	0.26
0.80	C	14	67	67	25	8	0.35
1.25	D	19	115	93	38	14	0.90
2.00	E	22	115	93	38	14	1.23
3.20	F	26	115	93	38	14	1.75

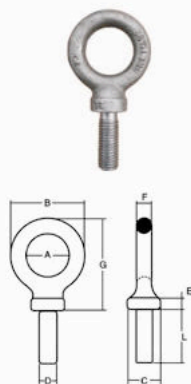


EYE NUTS WITH OVAL EYE UNI 2948



SIZE d	A mm	B mm	C mm	E mm	F mm	G mm	L mm	SWL kg	45° SWL kg	weight kg
M8	20	36	20	8.5	8	19	36	80	40	0.080
M10	24	44	30	14	10	28	58	160	80	0.140
M12	30	56	34	16	13	32	72	250	125	0.260
M14	30	56	34	16	13	32	72	320	160	0.260
M16	36	68	40	20	16	38	86	400	200	0.430
M18	36	68	40	20	16	38	86	510	255	0.410
M20	42	80	48	24	19	45	100	630	315	0.590
M22	42	80	48	24	19	45	100	800	400	0.700
M24	50	94	56	28	22	53	119	1000	500	1.090
M27	50	94	56	28	22	53	119	1250	625	1.040
M30	60	112	68	36	26	64	141	1600	800	1.830
M36 x 3	70	128	80	42	29	75	164	2500	1250	2.790
M42 x 3	82	148	92	50	33	87	192	3750	1875	4.320
M48 x 3	90	162	105	58	36	99	211	5000	2500	6.020

EYE BOLTS FRENCH TYPE



SIZE d	A mm	B mm	C mm	E mm	F mm	G mm	L mm	SWL kg	weight kg
M6	20	36	20.5	6	8	44	24	90	0.060
M8	20	36	20.5	6	8	44	24	140	0.060
M10	23	44	22.5	7	10.5	51	28.5	230	0.100
M12	29	50	22.5	8	10.5	60.5	40	340	0.140
M14	33	57	26	9	12	69.5	40	500	0.200
M16	37	65	28	9	14	76	50	700	0.320
M18	41	71	31	9	15	85	52	930	0.420
M20	46	78	32	9	16	92	55	1200	0.520
M22	50	84	35	9	17	98	62	1500	0.638
M24	53	94	38	12	20.5	110	67	1800	0.920
M27	59	101	40	15	21	120	74	2500	1.150
M30	60	109	45.5	18	24.5	132	79	3600	1.660
M33	64	121	55	22	28.5	144	84	5100	2.480

SHOULDER TYPE MACHINERY EYE BOLT S.C.OR H.D.G.,forged carbon steel



SIZE	W.L.L	THREAD LENGTH	I.D. OF EYE	N.W.
inch	lbs	inch	inch	lbs/100pcs
1/4 x 1	650	1.00	0.88	5.00
5/16 x 1-1/8	1200	1.13	1.12	9.00
3/8 x 1-1/4	1550	1.25	1.38	15.00
1/2 x 1-1/2	2600	1.50	1.75	28.00
5/8 x 1-3/4	5200	1.75	2.25	55.00
3/4 x 2	7200	2.00	2.75	96.00
7/8 x 2-1/4	10600	2.25	3.25	154.00
1 x 2-1/2	13300	2.50	3.75	238.00
1-1/4 x 3	21000	3.00	4.50	399.00
1-1/2 x 3-1/2	24000	3.50	5.50	720.00

M.B.S.IS 5 TIMES OF W.L.L

SHOULDER TYPE NUT EYE BOLT H.D.G.,forged carbon steel



G-277

SIZE	W.L.L	THREAD LENGTH	I.D. OF EYE	N.W.
inch	lbs	inch	inch	lbs/100pcs
1/4 x 2	650	1.5	0.50	6.61
1/4 x 4	650	2.5	0.50	8.61
5/16 x 2-1/4	1200	1.5	0.62	12.50
5/16 x 4-1/4	1200	2.5	0.62	18.75
3/8 x 2-1/2	1550	1.5	0.75	19.00
3/8 x 4-1/2	1550	2.5	0.75	31.58
1/2 x 3-1/4	2600	1.5	1.00	37.50
1/2 x 6	2600	3.0	1.00	56.25
5/8 x 4	5200	2.0	1.25	75.00
5/8 x 6	5200	3.0	1.25	100.25
3/4 x 4-1/2	7200	2.0	1.50	125.00
3/4 x 6	7200	3.0	1.50	150.00
7/8 x 5	10600	2.5	1.75	225.00
1 x 6	13300	3.0	2.00	375.00
1 x 9	13300	4.0	2.00	429.00
1-1/4 x 8	21000	4.0	2.50	650.00
1-1/4 x 12	21000	4.0	2.50	775.00
1-1/2 x 15	24000	6.0	3.00	1425.00

M.B.S.IS 5 TIMES OF W.L.L

SCREW EYE BOLT H.D.G.,forged carbon steel



G-275

SIZE	THREAD LENGTH	I.D. OF EYE	N.W.
inch	inch	inch	lbs/100pcs
1/4 x 2	1.50	0.88	4.25
5/16 x 2-1/4	1.69	1.13	6.25
3/8 x 2-1/2	1.88	1.38	18.75
1/2 x 3-1/4	2.44	1.75	37.50
5/8 x 4	3.00	2.25	68.75

REGULAR NUT EYE BOLT H.D.G., forged carbon steel



G-291

SIZE	W.L.L.	THREAD LENGTH	I.D. OF EYE	N.W.
inch	lbs	inch	inch	lbs/100pcs
1/4 x 2	650	1.5	0.50	6.00
1/4 x 4	650	2.5	0.50	13.50
5/16 x 2-1/4	1200	1.5	0.62	18.75
5/16 x 4-1/4	1200	2.5	0.62	25.00
3/8 x 2-1/2	1550	1.5	0.75	24.33
3/8 x 4-1/2	1550	2.5	0.75	37.50
3/8 x 6	1550	2.5	0.75	43.75
1/2 x 3-1/4	2600	1.5	1.00	50.00
1/2 x 6	2600	3.0	1.00	62.50
1/2 x 8	2600	3.0	1.00	75.00
1/2 x 10	2600	3.0	1.00	88.00
1/2 x 12	2600	3.0	1.00	100.00
5/8 x 4	5200	2.0	1.25	101.25
5/8 x 6	5200	3.0	1.25	120.00
5/8 x 8	5200	3.0	1.25	131.00
5/8 x 10	5200	3.0	1.25	162.50
5/8 x 12	5200	4.0	1.25	175.00
3/4 x 4-1/2	7200	2.0	1.50	185.90
3/4 x 6	7200	3.0	1.50	180.00
3/4 x 8	7200	3.0	1.50	200.00
3/4 x 10	7200	3.0	1.50	237.50
3/4 x 12	7200	4.0	1.50	251.94
3/4 x 15	10600	5.0	1.50	300.00
7/8 x 5	10600	2.5	1.75	275.00
7/8 x 8	10600	4.0	1.75	325.00
7/8 x 12	10600	4.0	1.75	400.00
1 x 6	13300	3.0	2.00	425.00
1 x 9	13300	4.0	2.00	452.00
1 x 12	13300	4.0	2.00	550.00
1 x 18	13300	7.0	2.00	650.00
1-1/4 x 8	21000	4.0	2.50	750.00
1-1/4 x 12	21000	4.0	2.50	900.00
1-1/4 x 20	21000	6.0	2.50	1150.00

M.B.S. IS 5 TIMES OF W.L.L.

EYE NUT U.S. TYPE, forged carbon steel, self colored or hot dipped galvanized



G-400

STOCK SIZE	STD. TAP SIZE	W.L.L.	O.L.	N.W.
inch	inch	lbs	inch	lbs
1/4	1/4	520	1-11/16	0.09
1/4	5/16	850	1-11/16	0.09
5/16	3/8	1250	2-1/16	0.18
3/8	7/16	1700	2-1/2	0.29
3/8	1/2	2250	2-1/2	0.28
1/2	5/8	3600	3-3/16	0.58
5/8	3/4	5200	3-7/8	1.00
3/4	7/8	7200	4-5/16	1.70
7/8	1	10000	5	2.75
7/8	1-1/8	12300	5	2.75
1	1-1/4	15500	5-3/4	3.85
1-1/8	1-3/8	18500	6-1/4	5.00
1-1/4	1-1/2	22500	6-3/4	6.70
1-1/2	2	40000	10	18.70

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 Tel: 0086-532-87521288 E-mail: sales@huixing-metals.com
 Fax: 0086-532-87521318 http://www.huixing-metals.com

CHAIN SWIVEL, H.D.G.



G-401

SIZE	W.L.L.	O.L.	O.W.	N.W.
inch	lbs	inch	inch	lbs
1/4	850	2.94	1.25	0.13
5/16	1250	3.53	1.63	0.25
3/8	2250	4.38	2.00	0.61
1/2	3600	5.63	2.50	1.12
5/8	5200	6.82	3.00	1.75
3/4	7200	8.40	3.50	3.09

M.B.S. IS 5 TIMES OF W.L.L.

MEET FEDERAL SPECIFICATION RR-C-271 D, TYPE VII, CLASS 2

REGULAR SWIVEL, H.D.G.



G-402

SIZE	W.L.L.	O.L.	O.W.	N.W.
inch	lbs	inch	inch	lbs
1/4	850	2.94	1.25	0.21
5/16	1250	3.56	1.63	0.39
3/8	2250	4.31	2.00	0.75
1/2	3600	5.44	2.50	1.43
5/8	5200	6.56	3.00	2.50
3/4	7200	7.19	3.50	4.13
7/8	10000	8.38	4.00	6.25

M.B.S. IS 5 TIMES OF W.L.L.

MEET FEDERAL SPECIFICATION RR-C-271 D, TYPE VII, CLASS 2

JAW END SWIVEL, H.D.G.



G-403

SIZE	W.L.L.	O.L.	O.W.	N.W.
inch	lbs	inch	inch	lbs
1/4	850	3.38	1.25	0.25
5/16	1250	3.87	1.63	0.37
3/8	2250	4.75	2.00	0.70
1/2	3600	6.07	2.50	1.43
5/8	5200	7.32	3.00	2.48
3/4	7200	8.31	3.50	3.88
7/8	10000	9.53	4.00	5.75

M.B.S. IS 5 TIMES OF W.L.L.

MEET FEDERAL SPECIFICATION RR-C-271 D, TYPE VII, CLASS 2

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 Tel: 0086-532-87521288 E-mail: sales@huixing-metals.com
 Fax: 0086-532-87521318 http://www.huixing-metals.com

CLAW LOAD BINDER, painted red



SIZE	W.L.L.	M.B.S.	N.W.
inch	lbs	inch	lbs
1/4-5/16	2600	9200	3.60
5/16-3/8	5400	19000	8.56
3/8-1/2	9200	28000	12.38

RATCHET TYPE LOAD BINDER, painted red



SIZE	W.L.L.	M.B.S.	N.W.
inch	lbs	inch	lbs
1/4-5/16	2600	9200	3.75
5/16-3/8	5400	19000	10.50
3/8-1/2	9200	33000	12.90
1/2-5/8	13000	46000	14.55

SNUBBER-SPRING LOAD BINDER, painted red



SIZE	W.L.L.	M.B.S.	N.W.
inch	lbs	lbs	lbs
1/4-5/16	2600	9200	5.36
5/16-3/8	5400	16200	11.25
3/8-1/2	9200	28000	18.00

CLEVIS GRAB HOOK, self colored, painted or zinc plated



H-330

CHAIN SIZE	W.L.L.(lbs)		I.L.	N.W.
inch	CARBON STEEL	ALLOY STEEL	inch	lbs
1/4	2600	3600	1.97	0.40
5/16	3900	5400	2.26	0.79
3/8	5400	7500	2.63	1.00
7/16	7200	10000	2.75	1.50
1/2	9200	12750	3.19	2.10
5/8	12750	19000	4.09	4.20
3/4	18500	27000	4.63	6.50

MIN. BREAKING STRENGTH = 4 × W.L.L.

CLEVIS SLIP HOOK, self colored, painted or zinc plated



H-331

CHAIN SIZE	W.L.L.(lbs)		I.L.	N.W.
inch	CARBON STEEL	ALLOY STEEL	inch	lbs
1/4	1950	2750	2.56	0.50
5/16	2875	4300	2.87	0.75
3/8	4000	5250	3.25	1.20
7/16	5000	7000	3.70	2.06
1/2	6500	9000	4.00	2.80
5/8	9250	13500	4.94	4.75
3/4	12500	19250	6.09	10.30

MIN. BREAKING STRENGTH = 4 × W.L.L.

EYE GRAB HOOK, self colored, painted or zinc plated



H-323

CHAIN SIZE	W.L.L.(lbs)		I.L.	N.W.
inch	CARBON STEEL	ALLOY STEEL	inch	lbs
1/4	2600	3600	1.97	0.28
5/16	3900	5400	2.25	0.45
3/8	5400	7500	2.56	0.79
7/16	7200	10000	2.94	1.19
1/2	9200	12750	3.38	1.80
5/8	12750	19000	4.11	3.30
3/4	18500	27000	5.16	6.00

MIN. BREAKING STRENGTH = 4 × W.L.L.

EYE SLIP HOOK, self colored, painted or zinc plated



H-324

CHAIN SIZE	W.L.L.(lbs)		I.L.	N.W.
inch	CARBON STEEL	ALLOY STEEL	inch	lbs
1/4	1950	2750	2.56	0.40
5/16	2875	4300	2.95	0.70
3/8	4000	5250	3.36	1.00
7/16	5000	7000	3.88	1.60
1/2	6500	9000	4.28	2.40
5/8	9250	13500	5.22	4.00
3/4	12500	19250	5.80	6.50

MIN. BREAKING STRENGTH = 4 × W.L.L.



CLEVIS SLIP HOOK WITH LATCH, self colored, painted or zinc plated

CHAIN SIZE inch	W.L.L.(lbs)		I.L. inch	N.W. lbs
	CARBON STEEL	ALLOY STEEL		
1/4	1950	2750	2.56	0.52
5/16	2875	4300	2.87	0.77
3/8	4000	5250	3.25	1.23
7/16	5000	7000	3.70	2.10
1/2	6500	9000	4.00	2.85

MIN. BREAKING STRENGTH = 4 × W.L.L.



EYE SLIP HOOK WITH LATCH, self colored, painted or zinc plated

CHAIN SIZE inch	W.L.L.(lbs)		I.L. inch	N.W. lbs
	CARBON STEEL	ALLOY STEEL		
1/4	1950	2750	2.56	0.42
5/16	2875	4300	2.95	0.72
3/8	4000	5250	3.36	1.03
7/16	5000	7000	3.88	1.64
1/2	6500	9000	4.28	2.45

MIN. BREAKING STRENGTH = 4 × W.L.L.



H-320

EYE SLIP HOOK WITH LATCH, self colored, painted or zinc plated

CHAIN SIZE inch	W.L.L.(ton)		I.L. inch	I.D. OF EYE inch	N.W. lbs
	CARBON STEEL	ALLOY STEEL			
1/2	3/4		2.80	0.63	0.35
3/4	1		3.22	0.75	0.55
1	1-1/2		3.66	0.91	0.75
1-1/2	2		4.09	1.12	1.25
2	3		4.69	1.25	1.70
3	4-1/2		5.78	1.56	3.60
5	7		7.38	2.00	7.08
7-1/2	11		9.06	2.44	13.00

PROOF LOAD = 2 × W.L.L.; MIN. BREAKING STRENGTH = 5 × W.L.L.



H-319

SHANK HOOK, self colored, painted or zinc plated

CHAIN SIZE inch	W.L.L.(ton)		I.L. inch	DIA. OF SHANK inch	N.W. lbs
	CARBON STEEL	ALLOY STEEL			
3/4	1		2.28	0.59	0.35
1	1-1/2		2.53	0.66	0.55
1-1/2	2		2.69	0.72	0.75
2	3		3.06	0.88	1.25
3	4-1/2		3.78	1.16	1.70
5	7		4.75	1.41	3.60
7-1/2	11		5.88	1.69	7.08
					13.00

PROOF LOAD = 2 × W.L.L.; MIN. BREAKING STRENGTH = 5 × W.L.L.



S-322

SWIVEL HOOK, self colored, painted or zinc plated

CHAIN SIZE inch	W.L.L.(lbs)		I.L. inch	I.W. OF SWIVEL inch	N.W. lbs
	CARBON STEEL	ALLOY STEEL			
3/4	1		4.47	1.25	0.75
1	1-1/2		5.28	1.50	1.25
1-1/2	2		6.02	1.75	2.25
2	3		6.38	1.72	2.57
3	4-1/2		7.41	2.00	4.75
5	7		9.59	2.50	10.29
7-1/2	11		11.13	2.75	16.25

PROOF LOAD = 2 × W.L.L.; MIN. BREAKING STRENGTH = 5 × W.L.L.



TRAILER HOOK, forged carbon steel, zinc plated

SIZE inch	I.L. inch	I.D. OF EYE inch	N.W. lbs
3/4	2.81	0.75	0.42



SNAP HOOK, forged carbon steel, zinc plated

SIZE inch	W.L.L. lbs	O.L. inch	I.D. OF EYE inch	N.W. lbs
7/16	750	3.94	0.75	0.24
8/16	1000	4.75	1.13	0.50



ITALIAN TYPE EYE HOOK

W.L.L.(ton)		DIMENSIONS(mm)				Weight
Carbon	Alloy	A	I	K	L	(kgs)
0.8	1.25	25	19	9.0	81	0.26
1.0	1.60	28	23	11	93	0.34
1.6	2.50	28	28.5	14	107	0.48
2.0	3.20	32	32	16	123	0.76
5.0	8.00	48.4	51	24	189	3.20
7.5	11.50	59	62	30	230	5.80



WINCH HOOK, forged carbon steel

CHAIN SIZE	DIMENSIONS(inch)			M.B.S.	N.W.
	inch	A	B L	lbs	lbs
5/8		0.71	0.75 4.33	6000	0.51



EYE BEND HOOK, forged alloy steel

CHAIN SIZE	DIMENSIONS(inch)				M.B.S.	N.W.
	inch	A	B L K		lbs	lbs
5/16		0.41	0.51 3.07 2.24		10000	0.81



DIN689

EYE HOOK, forged carbon steel, zinc plated

W.L.L.	I.L.	I.D. OF EYE	N.W.
ton	mm	mm	kg
1.0	105	27	0.80
1.6	115	28	1.00
2.0	123	32	1.15
3.2	138	34	1.72

MIN.BREAKING STRENGTH=4×W.L.L.



EUROPEAN TYPE SECURITY HOOK, forged carbon steel, zinc plated

W.L.L.	W.L.L.(ton)		O.L.	N.W.
	ton	CARBON STEEL ALLOY STEEL	mm	kg
3/16	1.00	2.00	93	0.14
1/4	1.50	2.50	106	0.21
5/16	2.50	3.00	117	0.34

MIN.BREAKING STRENGTH=4×W.L.L.



CHAIN HOOK, HOOK:forged carbon steel; CHAIN:welded alloy steel

SIZE	DIMENSIONS(mm)			M.L.L.	N.W.
	inch	B	E R	lbs	kg
5/16		32	11.2 99	3900	0.38

ULTIMATE LOAD IS 4 TIMES WORKING LOAD LIMIT



HIGH TENSILE HOOK, forged alloy steel; painted blue

M.B.S.	O.L.	O.W.	N.W.
lbs	mm	Mm	lbs
34000	174	110	1.87



CHAIN HOOK, HOOK:forged carbon steel; CHAIN:welded alloy steel

DIMENSIONS(mm)				M.B.S.	N.W.
A	B	C	R	ton	kg
16.2	29.2	131.6	25	20	1.29



RAFTING DOG, forged mild steel; self colored

SIZE	O.L.	I.D. OF EYE	N.W.
inch	mm	mm	kg
1/2	140	30.0	0.28
5/8	165	34.7	0.43
3/4	175	38.1	0.61



CLEVIS, forged carbon steel; zinc plated

BODY SIZE	MAX.THREAD SIZE	MAX.WORKING LOAD	N.W.
inch	inch	lbs	lbs
2	5/8	3500	1.0
2-1/2	7/8	7500	2.5
3	1-3/8	15000	4.0
3-1/2	1-1/2	18000	6.0
4	1-3/4	21000	8.0

MIN.BREAKING STRENGTH=5×W.L.L.



WELDLESS ALLOY OBLONG MASTER LINK, painted red

SIZE	W.L.L.	I.L.	I.W.	N.W.
inch	lbs	inch	inch	lbs
1/2	4100	5.00	2.50	0.89
5/8	5500	6.00	3.00	1.63
3/4	8600	5.50	2.75	2.25
1	20300	7.00	3.50	5.00
1-1/4	29300	8.75	4.38	9.57
1-1/2	39900	10.50	5.25	17.12
1-3/4	52100	12.00	6.00	26.12

MIN.BREAKING STRENGTH=6×W.L.L.

WELDED MASTER LINK A-344

SIZE	W.L.L.	N.W.
inch	lbs	lbs
7/16	3500	0.50
1/2	6000	0.70
11/16	8800	1.60
3/4	14300	2.60
7/8	18100	3.60
1	25300	7.10
1-1/8	26000	8.40
1-1/4	35300	13.70

WELDLESS END LINK, forged carbon steel, self colored or zinc painted

SIZE	W.L.L.	I.L.	I.W.	N.W.
inch	lbs	inch	inch	lbs
5/16	2500	1.75	0.50	0.15
3/8	3800	1.88	0.56	0.23
1/2	6500	2.38	0.75	0.45
5/8	9300	3.25	1.00	0.95
3/4	12000	3.50	1.13	1.51
7/8	14000	5.13	2.00	2.75
1	15200	5.75	2.25	3.95
1-1/4	26400	7.00	2.50	7.30
1-3/8	30000	7.75	2.75	10.38

MIN.BREAKING STRENGTH=5×W.L.L.

WELDLESS PEAR SHAPED LINK, forged alloy steel or carbon steel, painted red

SIZE	W.L.L.	I.L.	I.W. (inch)		N.W.
inch	lbs	inch	SMALL END	LARGE END	lbs
3/8	1600	2.25	0.75	1.50	0.23
1/2	2900	3.00	1.00	2.00	0.55
5/8	4200	3.75	1.25	2.50	1.10
3/4	6000	4.50	1.50	3.00	1.95
7/8	8300	5.25	1.75	3.50	2.78
1	10800	6.00	2.00	4.00	4.30
1-1/4	16750	7.75	2.50	5.00	8.50
1-3/8	20500	8.25	2.75	5.50	11.50

MIN.BREAKING STRENGTH=6×W.L.L.



GRADF 80 PEAR LINK

SIZE	W.L.L.	B.L.L.	N.W.
inch	lbs	lbs	lbs
1/2	7000	35000	0.25
5/8	9000	45000	0.50
3/4	12300	61500	0.80
7/8	14000	70000	1.30
1	24350	121800	1.92
1-1/8	30600	153000	2.90
1-1/4	36000	180000	3.75
1-3/8	43000	215000	5.12
1-1/2	54300	271500	6.50

SPECIAL PEAR SHAPED LINK, forged alloy steel, painted red

SIZE	M.B.S.	I.L.	MAX.I.W.	N.W.
inch	lbs	mm	mm	kg
3/8	31000	139	59	0.92



WELDLESS ROUND RING, forged carbon steel, painted red

SIZE	I.D.	W.L.L.	N.W.
inch	inch	lbs	lbs
7/8	4.00	7200	2.70
7/8	5.50	5600	3.40
1	4.00	10800	3.50
1-1/8	6.00	10400	6.50
1-1/4	5.00	17000	7.00
1-3/8	6.00	19000	10.63

MIN.BREAKING STRENGTH=6×W.L.L.



"D" RING FLAT TYPE, forged carbon steel, self colored

SIZE	M.B.S.	I.L.	I.W.	N.W.
inch	Ton	inch	inch	kg
1/2	7.0	2.00	2.63	0.41
1	41	3.67	5.00	2.38

ALLOY STEEL AVAILABLE





D-RINGS, forged alloy steel, self colored

SIZE	DIMENSIONS(mm)			M.B.S.	N.W.
	A	B	D		
1/2	57	63	13	12000	0.26
5/8	76	76	16	18000	0.49

CARBON STEEL AVAILABLE



D-RINGS

SIZE	DIMENSIONS(mm)						M.B.S.	N.W.
	A	B	C	D	E			
21	136	80	120	21	25.5		36	2.46
27	151	90	130	27	32		50	4.41

GRADE 80 WELDED D-RING

SIZE	DIMENSIONS(mm)				W.L.L.	B.L.	N.W.
	mm	W	D	K			
14-8	55	14	65		2.5	10	0.3
17-8	64	17	62		4.0	16	0.5
19-8	72	19	80		6.5	26	0.7
22-8	76	22	90		8.0	32	1.0

GRADE 80 FORGED D-RING

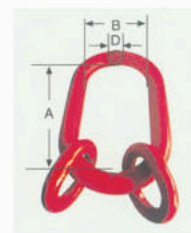
SIZE	W.L.L.		N.W.
	mm	ton	
2.5		2.5	0.3
4.0		4.0	0.5
6.5		6.5	0.7
8.0		8.0	1.0



GRADE 80 DELTA RING

SIZE	M.B.S.	I.W.	O.L.	N.W.
inch	lbs	inch	mm	kg
3	18000	60	107	0.36
4	20000	74	140	0.62

WELDED DELTA RING AVAILABLE



GRADE 80 MASTER LINK ASSEMBLY

SIZE	DIMENSIONS(mm)				W.L.L.	B.L.	N.W.
	inch	A	B	D			
3/4	140	70	20		4.1	20.5	1.68
1	178	89	25		8.4	42.0	3.36
1-1/4	222	111	32		14.1	70.5	6.30
1-1/2	267	133.5	38		21.3	106.5	12.76
1-3/4	305	152	45		33.3	166.5	19.50

GRADE 80 WELDED MASTER LINK ASSEMBLY

SIZE	DIMENSIONS(mm)				W.L.L.	B.L.	N.W.
	inch	A	B	D			
1/2	100	60	14		2.0	10	0.83
11/16	160	90	18		2.6	13	1.85
3/4	160	90	20		4.0	20	2.12
7/8	180	100	22		6.4	32	3.40
1-1/8	270	140	28		9.6	48	6.74
1-1/4	270	140	32		13.6	68	9.40

TWIN CLEVIS LINK, self colored or zinc plated
BODY: forged carbon steel; PIN: forged alloy steel

CHAIN SIZE	W.L.L.		I.L.	I.W.	N.W.
	inch	lbs		inch	lbs
1/4-5/16		4700	1.18	0.47	0.32
3/8		6600	1.34	0.53	0.44
7/16-1/2		11250	1.75	0.65	1.00
5/8		16500	2.12	0.78	1.32

MIN.BREAKING STRENGTH=4×W.L.L.



S-249

DOUBLE CLEVIS LINK, self colored or zinc plated
BODY: forged carbon steel; PIN: forged alloy steel



S-247

CHAIN SIZE	W.L.L.	I.L.	I.W.(inch)		N.W.
			SMALL END	LARGE END	
inch	lbs	inch			Lbs
1/4	2600	1.50	0.50	0.75	0.44
5/16-3/8	5400	1.81	0.56	1.00	0.81
7/16	7000	2.19	0.69	1.13	1.28
1/2	9200	2.47	0.81	1.25	1.68
5/8	17500	3.03	0.78	1.63	2.91

MIN.BREAKING STRENGTH=4×W.L.L.

GRADE 80 CONNECTING LINK EUROPEAN TYPE, painted



SIZE	W.L.L.	N.W.
mm	ton	Kg
5-6	1.00	0.095
6-7	1.20	0.14
7-8	2.00	0.20
10	3.20	0.38
13	5.40	0.76
16	8.20	1.10
18-20	12.50	1.80
22	15.25	3.20
26	21.25	4.50
32	32.20	9.00

M.B.S=4×W.L.L.

GRADE 80 A-337 CONNECTING LINK AMERICAN TYPE, painted



SIZE	W.L.L.	N.W.
mm	lbs	lbs
1/4	4100	0.29
3/8	7300	0.73
1/2	13000	1.67
5/8	20300	2.43
3/4	29300	4.20
7/8	39900	6.80
1	52100	8.20
1-1/4	81400	17.75

M.B.S=4×W.L.L.

GRADE 80 A-336 CONNECTING LINK AMERICAN TYPE, painted



SIZE	W.L.L.	N.W.
mm	lbs	lbs
1/4	3250	0.25
3/8	6600	0.60
1/2	11250	1.25
5/8	16500	2.30
3/4	23000	4.00
7/8	28750	5.75
1	38750	8.00
1-1/4	57500	15.00

M.B.S=4×W.L.L.

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DIN 741 MALLEABLE WIRE ROPE CLIPS, zinc plated



SIZE	N.W.	SIZE	N.W.
mm	kg/100pcs	mm	kg/100pcs
3	1.40	16	21.00
5	1.50	19	28.00
6.5	2.10	22	40.00
8	4.10	26	44.00
10	6.80	30	66.00
11	7.20	34	85.00
13	13.00	40	104.00
14	13.50		

DIN 741 MALLEABLE WIRE ROPE CLIPS WITH GROOVE, zinc plated



SIZE	N.W.	SIZE	N.W.
mm	kg/100pcs	mm	kg/100pcs
3	1.40	14	13.50
5	1.50	16	21.00
6.5	2.10	19	28.00
8	4.10	22	40.00
10	6.80	26	44.00
11	7.20	30	66.00
12	10.00	34	85.00
13	13.50	40	104.00

DIN 741 WIRE ROPE CLIPS, yellow galvanized



SIZE	N.W.	SIZE	N.W.
mm	kg/100pcs	mm	kg/100pcs
5.0	2.08	19.0	49.00
6.5	4.00	22.0	68.00
8.0	8.20	26.0	117.00
10.0	9.20	30.0	140.00
13.0	27.50	34.0	213.00
16.0	43.00	40.0	268.00

U.S. TYPE MALLEABLE WIRE ROPE CLIPS, zinc plated



SIZE	N.W.	SIZE	N.W.
Inch	kg/100pcs	Inch	kg/100pcs
1/16	0.80	1/2	18.50
1/8	1.54	9/16	22.56
3/16	2.50	5/8	28.00
1/4	5.30	3/4	35.00
5/16	5.90	7/8	53.00
3/8	11.00	1	66.60
7/16	11.30	1-1/8	111.00

MEET FEDERAL SPECIFICATION FF-C-450 TYPE 1 CLASS 2

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Tel: 0086-532-87521288 E-mail: sales@huixing-metals.com
Fax: 0086-532-87521318 http://www.huixing-metals.com

MALLEABLE WIRE ROPE CLIPS TYPE A, yellow galvanized



SIZE	N.W.	SIZE	N.W.
mm	kg/100pcs	mm	kg/100pcs
6	2.10	25	82.00
8	3.70	28	112.00
10	8.50	32	150.00
12	16.00	40	254.00
15	25.00	45	343.00
20	43.00	50	456.00
22	60.00		

MALLEABLE WIRE ROPE CLIPS TYPE B, zinc plated



SIZE	N.W.	SIZE	N.W.
mm	kg/100pcs	mm	kg/100pcs
1/8	1.30	5/8	23.20
3/16	1.60	11/16	30.30
1/4	2.40	3/4	45.00
5/16	3.70	7/8	58.10
3/8	8.10	1	89.20
1/2	14.60		

JIS TYPE DROP FORGED WIRE ROPE CLIP, hot dip galvanized



SIZE	N.W.	SIZE	N.W.
mm	kg/100pcs	mm	kg/100pcs
6	4.70	16	35.00
8	8.00	18	45.00
10	15.00	20-22	96.00
12	25.00	24-25	125.00
14	29.00		

EUROPEAN TYPE DROP FORGED WIRE ROPE CLIP, hot dip galvanized



SIZE	N.W.	SIZE	N.W.
mm	kg/100pcs	mm	kg/100pcs
4	1.00	14	14.00
5	2.00	16	18.00
6	3.00	18	26.00
8	4.00	20	29.00
10	7.00	22	30.00
12	12.00	24	38.00

COMMERCIAL TYPE TURNBUCKLES WITH HOOK AND EYE, zinc plated



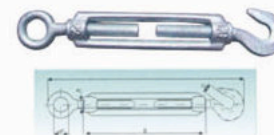
SIZE	W.L.L.	TOTAL LENGTH	BODY LENGTH	N.W.
mm	kgs	mm	mm	kg
6	100	215	100	0.128
8	200	280	125	0.192
10	300	325	150	0.288
12	500	430	200	0.512
16	1000	540	250	1.150
20	1500	670	300	1.800
22	2200	740	330	2.820
24	3000	830	350	3.480

TURNBUCKLES DIN 1480 WITH HOOK&EYE OR WITH PLATES, zinc plated



SIZE	W.L.L.	TOTAL LENGTH	BODY LENGTH	N.W.
mm	N	mm	mm	kg/100pcs
M6	2250	180	110	7.8
M8	4100	195	110	14.8
M10	6500	230	125	29.4
M12	9300	250	125	36.3
M16	17700	320	170	56.0
M20	27000	400	200	156.0
M22	32000	428	220	230.0
M24	39200	490	255	325.0
M30	62500	530	255	415.0

ITALIAN TYPE MALLEABLE TURNBUCKLES, zinc plated



SIZE	B	C	φ F	N.W.
mm	mm	mm	mm	kg
M12	140	15	15	0.30
M14	162	15	17	0.54
M16	190	18	20	0.71
M18	200	18	22	1.00
M20	220	22	26	1.31
M22	240	25	26	1.27
M24	250	25	28	2.32

JIS FRAME TYPE TURNBUCKLES WITH EYE AND HOOK, self colored or zinc plated



SIZE	T.L.	BODY LENGTH	N.W.
mm	ton	mm	kg
6	1.0	100	0.116
8	1.2	125	0.220
10	1.5	150	0.295
12	2.0	200	0.600
16	3.0	250	1.070
20	4.0	300	1.790
22	5.0	330	2.550
24	6.0	350	3.800
32	8.0	400	7.600



RIGGING SCREWS WITH JAW AND JAW, zinc plated or hot dip galvanized

SIZE	T.L.	BODY LENGTH	N.W.
mm	ton	mm	kg
M12	1.00	229	0.67
M16	1.50	229	0.20
M20	2.25	229	2.15
M22	3.25	305	3.25
M24	4.25	356	5.20
M27	5.25	356	6.75
M32	7.25	381	9.35
M39	10.25	406	11.20



TURNBUCKLES D-D TYPE (HAMBURGER), self colored

SIZE	BODY LENGTH	N.W.
mm	mm	kg
24	400	2.9
27	400	3.8
30	400	4.8
30	500	5.7
36	400	6.8
36	500	7.6



U.S. TYPE TURNBUCKLES SPLIT BODY, self colored

SIZE	M.B.S.	N.W. (kg)
inch	lbs	E/E J/J
3/4 x 18	23000	3.3 3.9
7/8 x 18	31000	4.3 4.2 (with oval eyes)
1 x 18	38000	5.9 6.9



KOREAN TYPE MALLEABLE TURNBUCKLES, zinc plated

SIZE	BODY LENGTH	N.W.
inch	mm	kg
3/8	150	0.32
1/2	150	0.60
5/8	200	1.08
3/4	200	1.65



LASHING TURNBUCKLES, self colored

SIZE	W.L.L.	MAX. LENGTH	MIN. LENGTH	N.W.
inch	ton	mm	mm	kg
1-1/4 x 18	2550	1775	1270	16.80

TURNBUCKLES U.S. TYPE, drop forged

SIZE (inch) (Dia. X Take-up)	Eye &/or Hook	Jaw & Eye	APPROX WEIGHT EACH (lbs) Jaw & Jaw Stub End	Body only	W.L.L. (lbs) H&H H&E E&E J&E J&J STUB END
1/4" x 4"	0.30	0.32	0.36 0.29	0.15	400 500
5/16" x 4-1/2"	0.47	0.47	0.52 0.46	0.19	700 800
3/8" x 6"	0.75	0.76	0.81 0.75	0.29	1000 1200
1/2" x 6"	1.60	1.53	1.50 1.36	0.60	1500 2200
1/2" x 9"	1.83	1.71	1.74 1.69	0.68	1500 2200
1/2" x 12"	2.08	2.06	2.40 2.00	1.00	1500 2200
5/8" x 6"	2.75	2.35	2.72 2.15	0.90	2250 3500
5/8" x 9"	3.13	3.06	3.24 2.70	1.18	2250 3500
5/8" x 12"	3.50	3.78	3.74 3.22	1.43	2250 3500
3/4" x 6"	3.89	4.00	4.11 3.25	1.30	3000 5200
3/4" x 9"	4.61	4.75	5.10 4.00	1.75	3000 5200
3/4" x 12"	5.43	5.36	5.65 4.65	2.08	3000 5200
3/4" x 18"	7.25	7.00	7.00 6.12	2.50	3000 5200
7/8" x 6"	5.85	6.29	6.84 4.75	2.00	4000 7200
7/8" x 12"	8.10	8.00	8.17 6.67	2.70	4000 7200
7/8" x 18"	9.95	9.75	9.96 8.75	3.80	4000 7200
1" x 6"	9.323	8.92	9.76 6.41	2.48	5000 10000
1" x 12"	11.93	11.2	12.00 8.90	3.93	5000 10000
1" x 18"	14.00	13.30	14.00 11.70	5.28	5000 10000
1" x 24"	17.25	17.00	18.60 14.30	7.38	5000 10000
1-1/4" x 6"	15.45	16.03	16.69 10.40	4.00	6500 15200
1-1/4" x 12"	19.00	20.00	21.50 14.20	5.25	6500 15200
1-1/4" x 18"	23.00	24.18	24.25 18.00	7.75	6500 15200
1-1/4" x 24"	27.00	28.50	28.00 21.80	10.17	6500 15200
1-1/2" x 6"	---	---	---	15.40	5.80 7500 21400
1-1/2" x 12"	27.50	28.99	30.05 20.50	8.75	7500 21400
1-1/2" x 18"	31.00	35.00	36.75 26.20	11.00	7500 21400
1-1/2" x 24"	37.50	39.18	40.67 31.40	13.69	7500 21400
1-3/4" x 6"	---	---	---	22.70	8.75 28000
1-3/4" x 18"	52.50	53.75	55.04 16.38	---	28000
1-3/4" x 24"	58.00	60.68	63.36 43.90	21.25	28000
2" x 6"	---	---	---	31.50	12.50 37000
2" x 24"	85.25	89.00	94.25 60.30	27.60	37000
2-1/2" x 6"	---	---	---	60.80	27.00 60000
2-1/2" x 24"	144.25	150.00	165.00 110.00	54.00	60000
2-3/4" x 24"	194.00	183.00	198.00 54.00	---	75000

PROOF LOAD IS 2.5 TIMES OF W.L.L.; M.B.S. IS 5 TIMES OF W.L.L.
MEET FEDERAL SPECIFICATION FF-T791b, TYPE 1, FORM 1.



SAME SIZE DIAMETER PIN
WITH BODY

EUROPEAN TYPE LARGE DEE SHACKLE, zinc plated or hot dip galvanized

SIZE	W.L.L.	I.L.	N.W.
mm	kg	mm	kg
5	80	19	0.018
6	100	25	0.032
8	200	32	0.067
10	320	38	0.126
12	520	51	0.235
16	800	64	0.494
20	1100	76	0.790
22	1500	89	1.280
25	2100	100	1.980
28	3000	115	2.970
32	3500	127	4.300
38	5000	152	7.000
45	7000	180	12.500
50	8000	200	17.500

M.B.S. IS 4 TIMES OF W.L.L.

EUROPEAN TYPE LARGE BOW SHACKLE, zinc plated or hot dip galvanized

SIZE	W.L.L.	I.L.	N.W.
mm	kg	mm	kg
5	80	19	0.019
6	100	25	0.034
8	200	32	0.070
10	320	38	0.130
12	520	51	0.260
16	800	64	0.500
20	1100	76	0.800
22	1500	89	1.300
25	2100	100	2.000
28	3000	115	3.100
32	3500	127	4.300
38	5000	152	7.000
45	7000	180	12.500
50	8000	200	17.500

M.B.S. IS 4 TIMES OF W.L.L.

JIS TYPE SCREW PIN CHAIN SHACKLE WITH OR WITHOUT COLLAR, zinc plated

SIZE	W.L.L.	I.L.	N.W.
mm	kg	mm	kg
5	90	16	0.014
6	150	22	0.028
8	250	27	0.049
10	400	31	0.073
12	600	40	0.180
16	800	51	0.420
20	1000	64	0.720
22	1500	75	1.180
25	2000	83	1.800
28	2500	96	2.500

M.B.S. IS 4 TIMES OF W.L.L.



JIS TYPE SCREW PIN ANCHOR SHACKLE WITH OR WITHOUT COLLAR, zinc plated

SIZE	W.L.L.	I.L.	N.W.
mm	kg	mm	kg
5	90	19	0.026
6	150	25	0.028
8	250	26	0.065
10	400	32	0.080
12	600	43	0.200
16	800	51	0.495
20	1000	62	0.800
22	1500	72	1.260
25	2000	83	1.900
28	2500	108	2.650

M.B.S. IS 4 TIMES OF W.L.L.

JIS TYPE SCREW PIN CHAIN SHACKLE WITH COUNTER SUNK HEAD, zinc plated

SIZE	W.L.L.	I.L.	N.W.
mm	kg	mm	kg
5	90	16	0.012
6	150	22	0.026
8	250	27	0.045
10	400	31	0.065
12	600	40	0.170
16	800	51	0.400
20	1000	64	0.670
22	1500	75	1.100
25	2000	83	1.600
28	2500	96	2.350

M.B.S. IS 4 TIMES OF W.L.L.

LARGE DEE BS3032 SHACKLE, self colored, zinc plated or hot dip galvanized

SIZE	W.L.L.	I.L.	I.L.	N.W.
mm	kg	mm	mm	kg
6	150	10	25	0.10
10	450	12	38	0.18
12	750	16	54	0.33
16	1250	20	64	0.63
20	2000	22	73	0.98
22	2750	25	83	1.50
25	3750	28	95	2.18
28	4750	32	105	3.02
32	5750	35	115	4.05
38	8500	44	138	6.40
45	11500	51	155	10.30
50	15000	57	188	19.10

PROOF LOAD IS 2 TIMES OF W.L.L.



BS 3032 Higher Tensile steel



G-210 S-210

SCREW PIN CHAIN SHACKLE U.S. TYPE, drop forged, zinc plated or hot dip galvanized

SIZE	W.L.L.	PIN DIA.	I.L.	N.W.
inch	ton	inch	inch	Lbs
1/4	1/2	5/16	7/8	0.11
5/16	3/4	3/8	1-1/32	0.17
3/8	1	7/16	1-1/4	0.24
7/16	1-1/2	1/2	1-7/16	0.40
1/2	2	5/8	1-5/8	0.59
5/8	3-1/4	3/4	2	1.21
3/4	4-3/4	7/8	2-3/8	2.25
7/8	6-1/2	1	2-13/16	3.16
1	8-1/2	1-1/8	3-3/16	4.47
1-1/8	9-1/2	1-1/4	3-9/16	6.75
1-1/4	12	1-3/8	3-15/16	9.06
1-3/8	13-1/2	1-1/2	4-3/8	11.60
1-1/2	17	1-3/4	4-13/16	15.95
1-3/4	25	2	5-3/4	26.75
2	35	2-1/4	6-3/4	42.31
2-1/2	55	2-3/4	8	71.75

M.B.S. IS 6 TIMES OF W.L.L.

MEET FEDERAL SPECIFICATION RR-C-271 b TYPE IV, CLASS 2

ROUND PIN ANCHOR SHACKLE U.S. TYPE, drop forged, zinc plated or hot dip galvanized

SIZE	W.L.L.	PIN DIA.	I.L.	N.W.
inch	ton	inch	inch	lbs
3/16	1/3	1/4	7/8	0.06
1/4	1/2	5/16	1-1/8	0.13
5/16	3/4	3/8	1-7/32	0.17
3/8	1	7/16	1-7/16	0.25
7/16	1-1/2	1/2	1-11/16	0.38
1/2	2	5/8	1-7/8	0.70
5/8	3-1/4	3/4	2-3/8	1.50
3/4	4-3/4	7/8	2-13/16	2.32
7/8	6-1/2	1	3-5/16	3.40
1	8-1/2	1-1/8	3-3/4	5.00
1-1/8	9-1/2	1-1/4	4-1/4	6.97
1-1/4	12	1-3/8	4-11/16	9.75
1-3/8	13-1/2	1-1/2	5-3/16	13.25
1-1/2	17	1-3/4	5-3/4	17.25
1-3/4	25	2-1/4	7	29.46
2	35	2-3/4	7-3/4	45.75
2-1/2	55	3	10-1/2	85.80

M.B.S. IS 6 TIMES OF W.L.L.

MEET FEDERAL SPECIFICATION RR-C-271 b TYPE IV, CLASS 2

ROUND PIN CHAIN SHACKLE U.S. TYPE, drop forged, zinc plated or hot dip galvanized

SIZE	W.L.L.	PIN DIA.	I.L.	N.W.
inch	ton	inch	inch	lbs
1/4	1/2	5/16	7/8	0.10
5/16	3/4	3/8	1-1/32	0.18
3/8	1	7/16	1-1/4	0.25
7/16	1-1/2	1/2	1-7/16	0.38
1/2	2	5/8	1-5/8	0.50
5/8	3-1/4	3/4	2	1.21
3/4	4-3/4	7/8	2-3/8	2.00
7/8	6-1/2	1	2-13/16	3.28
1	8-1/2	1-1/8	3-3/16	4.75
1-1/8	9-1/2	1-1/4	3-9/16	6.30
1-1/4	12	1-3/8	3-15/16	9.00
1-3/8	13-1/2	1-1/2	4-3/8	12.00
1-1/2	17	1-3/4	4-13/16	16.15
1-3/4	25	2	5-3/4	29.96
2	35	2-1/4	6-3/4	43.25
2-1/2	55	2-3/4	8	72.30

M.B.S. IS 6 TIMES OF W.L.L.

MEET FEDERAL SPECIFICATION RR-C-271 b TYPE IV, CLASS 2



G-215 S-215

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G-209 S-209

LARGE BOW BS3032 SHACKLE, self colored, zinc plated or hot dip galvanized

SIZE	W.L.L.	PIN DIA.	I.L.	N.W.
mm	kg	mm	mm	Kg
6	150	10	29	0.11
10	450	12	41	0.17
12	750	16	54	0.35
16	1250	20	70	0.66
20	2000	22	86	1.02
22	2750	25	98	1.57
25	3750	28	108	2.30
28	4750	32	124	3.20
32	5750	35	137	4.30
38	8500	44	168	6.80
45	11500	51	206	11.00
50	15000	57	238	20.00

PROOF LOAD IS 2 TIMES OF W.L.L.

COMMERCIAL GRADE SCREW PIN ANCHOR SHACKLE U.S. TYPE, zinc plated or hot dip galvanized

SIZE	W.L.L.	PIN DIA.	I.L.	N.W.
inch	ton	inch	inch	lbs
3/16	1/4	1/4	7/8	0.05
1/4	1/3	5/16	1-1/8	0.12
5/16	1/2	3/8	1-7/32	0.19
3/8	3/4	7/16	1-7/16	0.31
7/16	1	1/2	1-11/16	0.38
1/2	1-1/2	5/8	1-7/8	0.63
5/8	2-1/4	3/4	2-3/8	1.38
3/4	3-1/4	7/8	2-13/16	2.25
7/8	4-1/4	1	3-5/16	3.38
1	5-1/4	1-1/8	3-3/4	5.32

M.B.S. IS 4 TIMES OF W.L.L.

COMMERCIAL GRADE SCREW PIN CHAIN SHACKLE U.S. TYPE, zinc plated or hot dip galvanized

SIZE	W.L.L.	PIN DIA.	I.L.	N.W.
inch	ton	inch	inch	lbs
1/4	1/3	5/16	7/8	0.11
5/16	1/2	3/8	1-1/32	0.17
3/8	3/4	7/16	1-1/4	0.24
7/16	1	1/2	1-7/16	0.40
1/2	1-1/2	5/8	1-5/8	0.59
5/8	2-1/4	3/4	2	1.21
3/4	3-1/4	7/8	2-3/8	2.25
7/8	4-1/4	1	2-13/16	3.16
1	5-1/4	1-1/8	3-3/16	4.74

M.B.S. IS 4 TIMES OF W.L.L.

SCREW PIN ANCHOR SHACKLE U.S. TYPE, drop forged, zinc plated or hot dip galvanized

SIZE	W.L.L.	PIN DIA.	I.L.	N.W.
inch	ton	inch	inch	lbs
3/16	1/3	1/4	7/8	0.05
1/4	1/2	5/16	1-1/8	0.12
5/16	3/4	3/8	1-7/32	0.19
3/8	1	7/16	1-7/16	0.31
7/16	1-1/2	1/2	1-11/16	0.38
1/2	2	5/8	1-7/8	0.63
5/8	3-1/4	3/4	2-3/8	1.38
3/4	4-3/4	7/8	2-13/16	2.25
7/8	6-1/2	1	3-5/16	3.35
1	8-1/2	1-1/8	3-3/4	5.32
1-1/8	9-1/2	1-1/4	4-1/4	6.81
1-1/4	12	1-3/8	4-11/16	9.50
1-3/8	13-1/2	1-1/2	5-3/16	13.25
1-1/2	17	1-3/4	5-3/4	17.20
1-3/4	25	2	7	30.38
2	35	2-1/4	7-3/4	45.00
2-1/2	55	2-3/4	10-1/2	85.75

M.B.S. IS 6 TIMES OF W.L.L.

MEET FEDERAL SPECIFICATION RR-C-271 b TYPE IV, CLASS 1

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G-2130 S-2130

BOLT TYPE SAFETY ANCHOR SHACKLE U.S. TYPE ,drop forged, zinc plated or hot dip galvanized

SIZE	W.L.L.	PIN DIA.	I.L.	N.W.
inch	ton	inch	inch	lbs
1/2	2	5/8	1-7/8	0.79
5/8	3-1/4	3/4	2-3/8	1.68
3/4	4-3/4	7/8	2-13/16	2.72
7/8	6-1/2	1	3-5/16	3.95
1	8-1/2	1-1/8	3-3/4	6.12
1-1/8	9-1/2	1-1/4	4-1/4	8.27
1-1/4	12	1-3/8	4-11/16	11.71
1-3/8	13-1/2	1-1/2	5-3/16	15.38
1-1/2	17	1-3/4	5-3/4	20.80
1-3/4	25	2	7	33.91
2	35	2-1/4	7-3/4	52.25
2-1/2	55	2-3/4	10-1/2	98.25
3	85	3-1/4	13	154.00

M.B.S. IS 6 TIMES OF W.L.L.
MEET FEDERAL SPECIFICATION RR-C-271 D TYPE IVA, GRADE A, CLASS 2

BOLT TYPE SAFETY CHAIN SHACKLE U.S. TYPE ,drop forged, zinc plated or hot dip galvanized

SIZE	W.L.L.	PIN DIA.	I.L.	N.W.
inch	ton	inch	inch	lbs
1/2	2	5/8	1-5/8	0.75
5/8	3-1/4	3/4	2	1.47
3/4	4-3/4	7/8	2-3/8	2.52
7/8	6-1/2	1	2-13/16	3.85
1	8-1/2	1-1/8	3-3/16	5.55
1-1/8	9-1/2	1-1/4	3-9/16	7.60
1-1/4	12	1-3/8	3-15/16	10.81
1-3/8	13-1/2	1-1/2	4-3/8	13.75
1-1/2	17	1-3/4	4-13/16	18.50
1-3/4	25	2-1/4	5-3/4	31.40
2	35	2-3/4	6-3/4	46.75
2-1/2	55	3-1/4	8	85.00
3	85	4-1/4	10-1/2	124.25

M.B.S. IS 6 TIMES OF W.L.L.
MEET FEDERAL SPECIFICATION RR-C-271 D TYPE IVA, GRADE A, CLASS 2

TRAWLING CHAIN SHACKLE WITH SQUARE HEAD SCREW PIN, self colored

SIZE	W.L.L.	PIN DIA.	I.L.	N.W.
inch	ton	inch	inch	lbs
1/2	2	5/8	1-5/8	0.75
5/8	3-1/4	3/4	2	1.24
3/4	4-3/4	7/8	2-3/8	2.18
7/8	6-1/2	1	2-13/16	3.28

M.B.S. IS 6 TIMES OF W.L.L.

DIN 82101 SHACKLE FORM A, drop forged, zinc plated

SIZE	W.L.L.	BODY DIA.	I.L.	N.W.
mm	Ton	mm	mm	Kg
5	0.10	4	18	0.013
6	0.16	5	21	0.024
8	0.25	7	28	0.045
10	0.40	9	35	0.090
12	0.60	10	42	0.170
16	1.00	13	57	0.360
20	1.60	17	71	0.750
22	2.00	19	78	1.000
24	2.50	21	85	1.320
27	3.00	24	97	1.850
30	4.00	27	106	2.500
36	5.00	30	129	4.000
39	6.00	34	139	5.400
45	8.00	38	162	8.500
48	10.00	42	171	10.800
52	12.50	47	184	14.000
60	16.00	52	215	20.500
68	20.00	58	245	29.500
72	25.00	63	257	36.000

FORM B & FORM C AVAILABLE



FORM B FORM C



BOLT TYPE SAFETY ANCHOR SHACKLE U.S. TYPE ,drop forged, zinc plated or hot dip galvanized

SIZE	N.W.	SIZE	N.W.
inch	lbs/100pcs	inch	lbs/100pcs
1/4	6.75	1	275.00
5/16	11.25	1-1/8-1-1/4	400.00
3/8	21.00	1-1/4-1-3/4	817.00
7/16	30.00	1-3/8-1-1/2	1175.00
1/2	51.00	1-5/8	1700.00
9/16	51.00	1-3/4	1775.00
5/8	75.00	1-7/8-2	2500.00
3/4	147.00	2-1/4	3950.00
7/8	175.00		

MEET FEDERAL SPECIFICATION FF-T-276b, TYPE 3

U.S. TYPE STANDARD WIRE ROPE THIMBLE, hot dip galvanized

SIZE	N.W.	SIZE	N.W.
inch	lbs/100pcs	inch	lbs/100pcs
1/8	2.50	3/4	50.00
3/16	2.50	7/8	85.00
1/4	3.75	1	100.00
5/16	3.75	1-1/8-1-1/4	175.00
3/8	6.25	1-1/2	340.00
1/2	12.50	1-3/4	580.00
5/8	25.00		

MEET FEDERAL SPECIFICATION FF-T-276b, TYPE 2

U.S. TYPE GUSSETED HEAVY DUTY WIRE ROPE THIMBLE, hot dip galvanized

SIZE	N.W.	SIZE	N.W.
inch	lbs/100pcs	inch	lbs/100pcs
1/4	3.50	3/4	72.12
5/16	6.50	7/8	89.81
3/8	12.47	1	142.00
1/2	25.63	1-1/8-1-1/4	195.00
5/8	37.20	1-3/8-1-1/2	560.00

STANDARD TYPE THIMBLE, zinc plated

SIZE	N.W.	SIZE	N.W.
inch	lbs/100pcs	inch	lbs/100pcs
6	2.30	16	17.30
8	4.50	20	21.30
10	8.90	22	30.00
12	10.80	24	58.80
14	13.00	28	91.70

EUROPEAN TYPE COMMERCIAL THIMBLE, zinc plated

SIZE	N.W.	SIZE	N.W.
inch	kg/100pcs	mm	kg/100pcs
3	0.56	16	13.90
4	0.60	18	23.80
5	0.90	20	29.10
6	1.70	22	40.40
7	2.20	24	48.40
8	3.10	26	64.40
9	3.70	28	78.60
10	6.80	30	101.70
12	9.30	32	117.00
14	11.40		

DIN6899 A TYPE THIMBLE, zinc plated.

SIZE	N.W.	SIZE	N.W.
inch	kg/100pcs	mm	kg/100pcs
2.5	0.14	10	2.70
3	0.35	11	3.20
3.5	0.38	12	3.98
4	0.42	13	6.30
5	0.80	14	7.70
6	0.81	16	11.50
7	1.10	18	17.00
8	1.41	20	29.20
9	1.73	22	36.40

DIN6899 B TYPE THIMBLE, zinc plated.

SIZE	N.W.	SIZE	N.W.
inch	kg/100pcs	mm	kg/100pcs
2.5	0.50	18	26.20
3	0.70	20	32.80
4	0.80	24	56.30
5	1.00	26	65.80
6	1.90	28	79.60
8	3.10	30	110.00
10	4.30	34	153.00
12	7.80	36	170.00
13	8.60	38	180.00
14	9.80	40	210.00
16	15.10	42	320.00

Bs464 WIRE ROPE THIMBLE, hot dip galvanized

SIZE	N.W.	SIZE	N.W.
inch	kg/100pcs	mm	kg/100pcs
1/4	5.40	1-1/8	128.00
5/16	7.70	1-1/4	150.00
3/8	9.00	1-3/8	235.00
7/16	10.70	1-1/2	100.00
1/2	15.50	1-5/8	410.00
9/16	19.00	1-3/4	620.00
5/8	29.00	1-7/8	770.00
3/4	55.00	2	800.00
7/8	70.00	2-1/2	1700.00
1	110.00		

SNAP HOOK, zinc plated ACC.DIN 5299

SIZE	W.L.L.	N.W.
mm	lbs	kg/100pcs
4 x 40	200	1.20
5 x 50	220	1.80
6 x 60	260	2.80
7 x 70	400	4.50
8 x 80	500	7.00
9 x 90	550	9.00
10 x 100	770	14.40
11 x 120	990	19.20
12 x 140	1200	27.00
13 x 160	1400	35.00
14 x 180	1600	50.00

M.B.S. IS 4 TIMES OF W.L.L.

SNAP HOOK WITH EYELET, zinc plated

SIZE	W.L.L.	N.W.
mm	lbs	kg/100pcs
4 x 40	200	1.50
5 x 50	220	2.00
6 x 60	260	3.00
7 x 70	400	5.00
8 x 80	500	7.50
9 x 90	550	9.80
10 x 100	770	16.00
11 x 120	990	21.00
12 x 140	1200	27.50
13 x 160	1400	35.80

M.B.S. IS 4 TIMES OF W.L.L.

SNAP HOOK WITH SCREW, zinc plated

SIZE	W.L.L.	N.W.
mm	lbs	kg/100pcs
4 x 40	200	1.50
5 x 50	220	2.00
6 x 60	260	3.00
7 x 70	400	5.00
8 x 80	500	7.50
9 x 90	550	9.80
10 x 100	770	16.00
11 x 120	990	21.00
12 x 140	1200	27.00
13 x 160	1400	36.00

M.B.S. IS 4 TIMES OF W.L.L.

QUICK LINK, zinc plated

SIZE	W.L.L.	N.W.
mm	lbs	kg/100pcs
3.0	350	0.70
3.5	400	0.80
4.0	500	1.20
5.0	660	2.00
6.0	880	3.50
7.0	1300	6.50
8.0	1760	7.80
9.0	2200	11.00
10.0	2640	13.50
11.0	3000	18.50
12.0	3300	25.00
14.0	6100	35.00
16.0	7500	50.00