

# SHACKLE

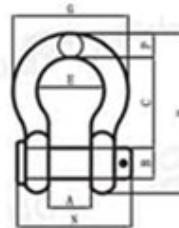
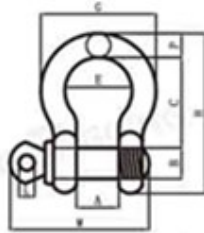


## US Type Shackle 美式弓型模锻卸扣

### Screw Pin Anchor Shackles



G-209



### Round Pin Anchor Shackles



G-213

Screw pin anchor shackles meet the requirements of Federal Specification RR-C-271D Type IVA, Grade A, Class 2.

Round pin anchor shackles meet the requirements of Federal Specification RR-C-271D Type IVA, Grade A, Class 2.

Size (in)	WLL (t)	Dimensions(in)											Weight (lbs)	
		A	B	C	D	E	F	G	H	L	M	P	G-209 S-209	G-213 S-213
3/16	1/3	0.38	0.25	0.88	0.19	0.6	0.56	0.98	1.47	0.16	1.14	0.19	0.05	—
1/4	1/2	0.47	0.31	1.13	0.25	0.78	0.61	1.28	1.84	0.19	1.43	0.25	0.12	0.13
5/16	3/4	0.53	0.38	1.22	0.31	0.84	0.75	1.47	2.09	0.22	1.71	0.31	0.19	0.17
3/8	1	0.66	0.44	1.44	0.38	1.03	0.91	1.78	2.49	0.25	2.02	0.38	0.31	0.25
7/16	1 1/2	0.75	0.5	1.69	0.44	1.16	1.06	2.03	2.91	0.31	2.37	0.44	0.38	0.38
1/2	2	0.81	0.63	1.88	0.5	1.31	1.19	2.31	3.28	0.38	2.69	0.5	0.63	0.7
5/8	3 1/4	1.06	0.75	2.38	0.63	1.69	1.5	2.94	4.19	0.44	3.34	0.69	1.38	1.5
3/4	4 3/4	1.25	0.88	2.81	0.75	2	1.81	3.5	4.97	0.5	3.97	0.81	2.25	2.32
7/8	6 1/2	1.44	1	3.31	0.88	2.28	2.09	4.03	5.83	0.5	4.5	0.97	3.38	3.4
1	8 1/2	1.69	1.13	3.75	1	2.69	2.38	4.69	6.56	0.56	5.13	1.06	5.32	5
1 1/8	9 1/2	1.81	1.25	4.25	1.16	2.91	2.69	5.16	7.47	0.63	5.71	1.25	6.81	6.97
1 1/4	12	2.03	1.38	4.69	1.29	3.25	3	5.75	8.25	0.69	6.25	1.38	9.5	9.75
1 3/8	13 1/2	2.25	1.5	5.25	1.42	3.63	3.31	6.38	9.16	0.75	6.83	1.5	13.25	13.23
1 1/2	17	2.38	1.63	5.75	1.54	3.88	3.63	6.88	10	0.81	7.33	1.62	17.2	17.25
1 3/4	25	2.88	2	7	1.84	5	4.19	8.86	12.34	1	9.06	2.25	30.38	29.46
2	35	3.25	2.25	7.75	2.08	5.75	4.81	9.97	13.68	1.22	10.35	2.4	45	45.75
2 1/2	55	4.13	2.75	10.5	2.71	7.25	5.69	12.87	17.84	1.38	13	3.13	85.75	—

Drop Forged, Quenched and Tempered, With Alloy Pins.  
Max Proof Load is 2.2 Times the Working Load Limit, Min Break Strength is 6 Times the WLL.

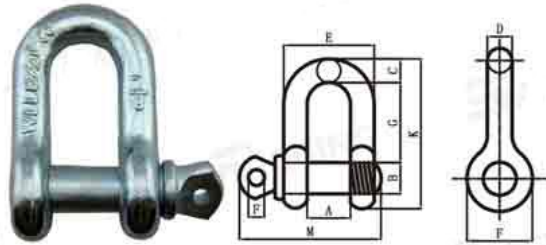
AGS-Industrial, Ph: 505-550-6501, Fx: 505-814-5778, Em: sales@ags-industrial.com, Web: www.ags-industrial.com

Reference Code: SALEOICASRIGGING

# SHACKLE

## US Type Shackle 美式直型模锻卸扣

### Screw Pin Chain Shackles



G-210

Screw pin chain shackles meet the requirements of Federal Specification RR-C-271D Type IVB, Grade A, Class 2.

### Round Pin Chain Shackles



G-215

Round pin chain shackles meet the requirements of Federal Specification RR-C-271D Type IVB, Grade A, Class 2.

Size (in)	WLL (t)	Dimensions(in)										Weight (lbs)	
		A	B	C	D	E	F	G	K	L	M	G-210 S-210	G-215 S-215
1/4	1/2	0.47	0.31	0.25	0.25	0.97	0.62	0.97	1.59	0.19	1.43	0.11	0.1
5/16	3/4	0.53	0.38	0.31	0.31	1.15	0.75	1.07	1.91	0.22	1.71	0.17	0.18
3/8	1	0.66	0.44	0.38	0.38	1.42	0.92	1.28	2.31	0.25	2.02	0.24	0.25
7/16	1 1/2	0.75	0.5	0.44	0.44	1.63	1.06	1.48	2.67	0.31	2.37	0.4	0.38
1/2	2	0.81	0.63	0.5	0.5	1.81	1.18	1.66	3.03	0.38	2.69	0.59	0.5
5/8	3 1/4	1.06	0.75	0.63	0.63	2.32	1.5	2.04	3.76	0.44	3.34	1.21	1.21
3/4	4 3/4	1.25	0.88	0.81	0.75	2.75	1.81	2.4	4.53	0.5	3.97	2.25	2
7/8	6 1/2	1.44	1	0.97	0.88	3.2	2.1	2.86	5.33	0.5	4.5	3.16	3.28
1	8 1/2	1.69	1.13	1	1	3.69	2.38	3.24	5.94	0.56	5.13	4.75	4.75
1 1/8	9 1/2	1.81	1.25	1.25	1.13	4.07	2.69	3.61	6.78	0.63	5.71	6.75	6.3
1 1/4	12	2.03	1.38	1.38	1.25	4.53	3	3.97	7.5	0.69	6.25	9.06	9
1 3/8	13 1/2	2.25	1.5	1.5	1.38	5.01	3.31	4.43	8.28	0.75	6.53	11.63	12
1 1/2	17	2.38	1.63	1.62	1.5	5.38	3.62	4.87	9.05	0.81	7.33	15.95	16.15
1 3/4	25	2.88	2	2.12	1.75	6.38	4.19	5.78	10.97	1	9.06	26.75	29.96
2	35	3.25	2.25	2.36	2.1	7.25	5	6.77	12.74	1.13	10.35	42.31	43.25
2 1/2	55	4.12	2.75	2.63	2.63	9.38	5.68	8.07	14.85	1.38	13	71.75	—

Drop Forged, Quenched and Tempered, With Alloy Pins.  
Max Proof Load is 2.2 Times the Working Load Limit, Min Break Strength is 6 Times the WLL.

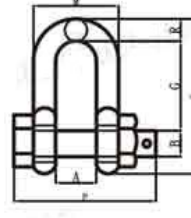
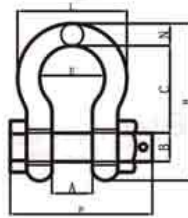
# SHACKLE

## US Type Shackle 美式模锻保险卸扣

### Bolt Type Anchor Shackles



G-2130



Bolt Type Anchor shackles with thin head bolt-nut with cotter pin. Meets the requirements of Federal Specification RR-C-271D Type IVA, Grade A, Class 3.

### Bolt Type Chain Shackles



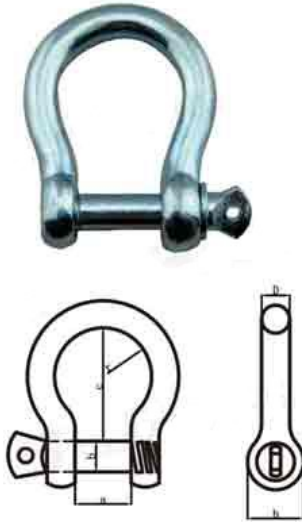
G-2150

Bolt Type Chain shackles. Thin hex head bolt-nut cotter pin. Meets the requirements of Federal Specification RR-C-271D Type IVA, Grade A, Class 3.

Size (in)	WLL (t)	Dimensions (in)															Weight (lbs)	
		A	B	C	D	E	F	G	H	K	L	M	N	P	M	2130	2150	
3/16	1/3	0.38	0.25	0.88	0.19	0.6	0.56	—	1.47	—	0.98	—	0.19	1.29	—	0.06	—	
1/4	1/2	0.47	0.31	1.13	0.25	0.78	0.61	—	1.84	—	1.28	—	0.25	1.56	—	0.17	0.13	
5/16	3/4	0.53	0.38	1.22	0.31	0.84	0.75	—	2.09	—	1.47	—	0.31	1.82	—	0.22	0.23	
3/8	1	0.66	0.44	1.44	0.38	1.03	0.91	—	2.49	—	1.78	—	0.38	2.17	—	0.33	0.33	
7/16	1 1/2	0.75	0.5	1.69	0.44	1.16	1.06	—	2.91	—	2.03	—	0.44	2.51	—	0.49	0.49	
1/2	2	0.81	0.63	1.88	0.5	1.31	1.19	1.63	3.28	3.03	2.31	1.81	0.5	2.8	0.5	0.79	0.75	
5/8	3 1/4	1.06	0.75	2.38	0.63	1.69	1.5	2	4.19	3.75	2.94	2.31	0.69	3.53	0.63	1.68	1.47	
3/4	4 3/4	1.25	0.88	2.81	0.75	2	1.81	2.38	4.97	4.53	3.5	2.75	0.81	4.07	0.81	2.72	2.58	
7/8	6 1/2	1.44	1	3.31	0.88	2.28	2.09	2.81	5.83	5.33	4.03	3.19	0.97	4.17	0.97	3.95	3.85	
1	8 1/2	1.69	1.13	3.75	1	2.69	2.38	3.19	6.56	5.94	4.96	3.69	1.06	5.31	1	6.12	5.55	
1 1/8	9 1/2	1.81	1.25	4.25	1.13	2.91	2.69	3.58	7.47	6.78	5.16	4.06	1.25	5.09	1.25	8.27	7.6	
1 1/4	12	2.03	1.38	4.69	1.25	3.25	3	3.94	8.25	7.5	5.75	4.53	1.38	6.51	1.38	11.71	10.81	
1 3/8	13 1/2	2.25	1.5	5.25	1.38	3.63	3.31	4.38	9.16	8.28	6.38	5	1.5	7.21	1.5	15.83	13.75	
1 1/2	17	2.38	1.63	5.75	1.5	3.88	3.63	4.81	10	9.06	6.88	5.38	1.62	7.73	1.62	20.8	18.5	
1 3/4	25	2.88	2	7	1.75	5	4.19	5.75	12.34	10.97	8.86	6.38	2.25	9.05	2.12	33.91	31.4	
2	35	3.25	2.25	7.75	2	5.75	4.85	6.75	13.68	12.28	9.97	7.25	2.4	10.41	2	52.25	46.75	
2 1/2	55	4.13	2.75	10.5	2.62	7.25	5.69	8	17.84	14.84	12.87	9.38	3.13	13.56	2.62	98.25	85	
3	85	5	3.25	13	3	7.88	6.5	8.5	21.5	16.88	14.36	11	3.62	16.5	3.5	154	124.25	
3 1/2	120	5.25	3.75	14.63	3.62	9	8	—	24.63	—	16.5	—	4.12	19	—	265	—	
4	150	5.5	4.25	14.5	4.1	10	9	—	25.69	—	18.12	—	4.56	19.75	—	338	—	

Drop Forged, Quenched and Tempered, With Alloy Pins.  
Max Proof Load is 2.2 Times the Working Load Limit, Min Break Strength is 6 Times the WLL.

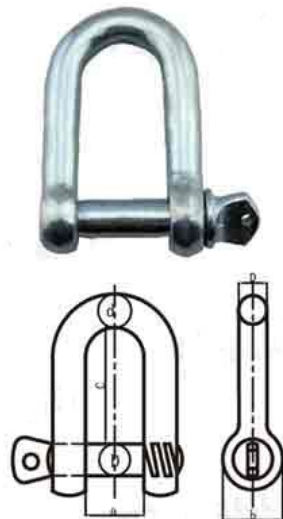
## European Type Large Bow Shackles 欧式大弓卸扣



SAME SIZE DIAMETER PIN WITH BODY

WLL (kg)	Dimensions(mm)						Weight 100pcs (lbs)
	D	d	a	c	r	b	
80	5	5	10	19	8	11	5
100	6	6	13	25	10	14	9
200	8	8	16	32	12	18	18
320	10	10	19	38	16	20	33
520	12	12	25	51	19	26	67
800	16	16	32	64	28	33	127
1100	20	20	38	76	33	40	203
1500	22	22	44	89	37	50	330
2100	25	25	51	100	40	57	508
3000	28	28	57	115	47	68	787
3500	32	32	64	127	52	73	1091
5000	38	38	76	152	63	85	1776
7000	45	45	90	180	75	96	3172
8000	50	50	102	200	78	108	4441

## European Type Large Dee Shackles 欧式大D卸扣

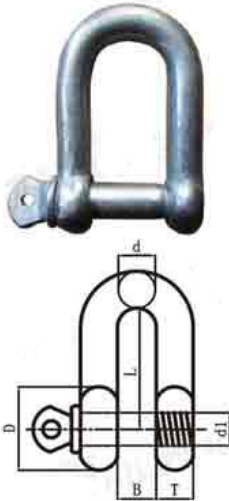


SAME SIZE DIAMETER PIN WITH BODY

WLL (kg)	Dimensions(mm)					Weight 100pcs (lbs)
	D	d	a	c	b	
80	5	5	10	19	11	4
100	6	6	13	25	14	8
200	8	8	16	32	18	15
320	10	10	19	38	20	29
520	12	12	25	51	26	57
800	16	16	32	64	33	110
1100	20	20	38	76	40	177
1500	22	22	44	89	50	287
2100	25	25	51	100	57	441
3000	28	28	57	115	68	684
3500	32	32	64	127	73	949
5000	38	38	76	152	85	1545
7000	45	45	90	180	96	2758
8000	50	50	102	200	108	3861

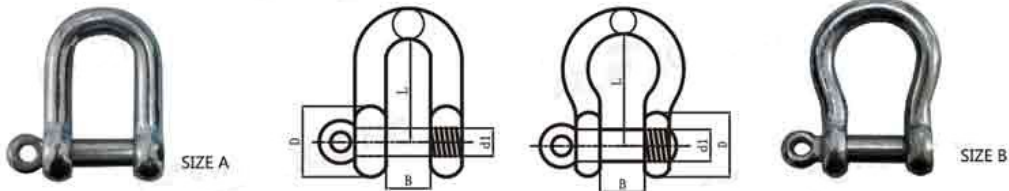
# SHACKLE

## JIS Type D Shackles With Collar 日式D型卸扣



Size		Dimensions(mm)				WLL (t)	Weight (lbs)
mm	in	B	D	L	d1		
4.8	3/16	10	10	18.5	5	0.09	0.20
6	1/4	12	11	25	6.5	0.15	0.33
8	5/16	14	15	31	8.5	0.25	0.55
9	3/8	18	17	36	10	0.4	0.88
12	1/2	24	23	46	13	0.6	1.32
16	5/8	30	32	59	17	0.8	1.77
19	3/4	36	37	74	20	1	2.21
22	7/8	43	43	86	23	1.5	3.31
25	1	47	50	95	27	2	4.41
28	11/8	55	56	110	30	2.5	5.52
32	11/4	64	64	130	34	3.2	7.06
38	11/2	76	76	145	40	4.2	9.27
44	13/4	80	90	160	47	6.5	22
50	2	100	100	185	53	8	26
65	21/2	110	130	240	68	15	62
75	3	120	150	300	78	20	97

## JIS Type Shackles Without Collar 日式无档卸扣



Size(mm)		Dimensions(mm)				WLL(t)	Weight ( lbs )	
m/m	in	B	D	L	d1		A	B
4.8	3/16	10	10	18.5	5	0.09	0.028	0.05
6	1/4	12	11	25	6.5	0.15	0.057	0.14
8	5/16	14	15	31	8.5	0.25	0.1	0.14
9	3/8	18	17	36	10	0.4	0.15	0.17
12	1/2	24	23	46	13	0.6	0.37	0.42
16	5/8	30	32	59	17	0.8	0.88	1.05
19	3/1	36	37	74	20	1	1.54	1.71
22	7/8	43	43	86	23	1.5	2.42	2.6
25	1	47	50	95	27	2	3.75	3.97
28	11/8	55	56	110	30	2.5	5.29	5.62
32	11/4	64	64	130	34	3.2	7.9	8.6
38	11/2	76	76	145	40	4.2	13.22	15.2
44	13/4	80	90	160	47	6.5	22.04	—
50	2	100	100	185	53	8	26.46	—
65	21/2	110	130	240	68	15	61.73	—
75	3	120	150	300	78	20	97	—

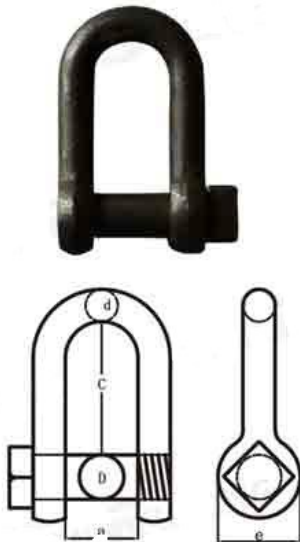
# SHACKLE

## Commercial Shackles 国标重型卸扣



Size (t)	Working Load Limit(lbs)	MAX. DIA. of Wire Rope	Dimensions ( mm )				
			d1	d	L	B	H
0.2	441	4.7	M8	6	35	12	35
0.3	728	6.5	M10	8	44	16	45
0.5	1103	8.5	M12	10	55	20	50
0.9	2052	9.5	M16	12	65	24	60
1.4	3199	13	M20	16	86	32	80
2.1	4634	15	M24	20	101	36	90
2.7	5958	17.5	M27	22	111	40	100
3.3	7282	19.5	M30	24	123	45	110
4.1	9709	22	M33	27	137	50	120
4.9	10812	26	M36	30	153	58	130
6.8	15004	28	M42	36	176	64	150
9	21624	31	M48	42	197	70	170
10.7	23610	34	M52	45	218	80	190
16	35305	43.5	M64	52	262	99	235
21	46337	43.5	M76	65	321	100	256

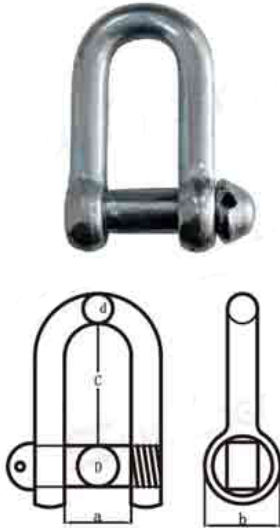
## Trawling Shackles With Square Head Screw Pin 欧式方头拖网卸扣



WLL(t)	Dimensions(mm)					Weight ( lbs )
	D	d	a	c	e	
0.2	8	8	16	32	18	15.4
0.3	10	10	20	38	20	29.6
0.5	12	12	25	51	26	55.2
0.8	16	16	32	63	33	117
1.1	20	20	38	76	40	203
1.5	22	22	45	88	50	309
2	25	25	51	102	57	474.4
2.6	28	28	57	114	68	662
3.8	32	32	63	127	73	1004
4.5	38	38	76	152	85	1677

# SHACKLE

## Trawling Shackles With Round Head Screw Pin 圆头拖网卸扣

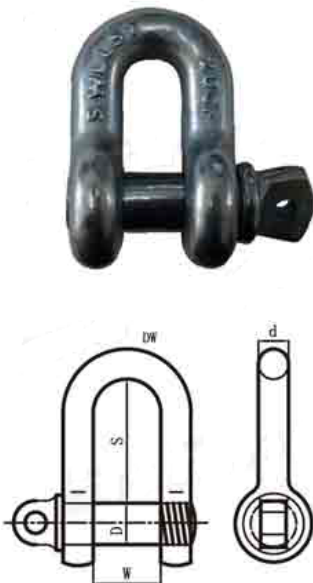


BS 3032: 1958  
Higher Tensile Steel  
MB Proof load=2xSafe working load(w)

WLL(kg)	Dimensions(mm)					Weight ( lbs )
	D	d	a	c	b	
80	5	5	10	19	11	4.2
100	6	6	13	25	14	7.5
200	8	8	16	32	18	15.45
320	10	10	19	38	20	28.68
520	12	12	25	51	26	53
800	16	16	32	64	33	110
1100	20	20	38	76	40	177
1500	22	22	44	89	50	286.8
2100	25	25	51	100	57	441
3000	28	28	57	115	68	662
3500	32	32	64	127	73	948.8
5000	38	38	76	152	85	1489.4
7000	45	45	90	180	96	2758
8000	50	50	102	200	108	3861.4

## Forged Shackles For General Lifting Purposes

### 一般起重锻造卸扣 ( JB8112-1999 )



Size(mm)	Dimensions(mm)				WLL (t)
	d	D	S	W	
M10	9	10	20	10	0.63
M11	10	11.2	22.4	11.2	0.8
M12	11.2	12.5	25	12.5	1
M14	12.5	14	28	14	1.25
M16	14	16	31.5	16	1.6
M18	16	18	35.5	18	2
M20	18	20	40	20	2.5
M22	20	22.4	45	22.4	3.2
M25	22.4	25	50	25	4
M28	25	28	56	28	5
M30	28	31.5	63	31.5	6.3
M35	31.5	35.5	71	35.5	8
M40	35.5	40	80	40	10
M45	40	45	90	45	12.5
M50	45	50	100	50	16
M56	50	56	112	56	20
M62	56	63	125	63	25
M70	63	71	140	71	32
M80	71	80	160	80	40
M90	80	90	180	90	50
M100	90	100	200	100	63
M110	100	112	224	112	80
M125	112	125	250	125	100

# SHACKLE

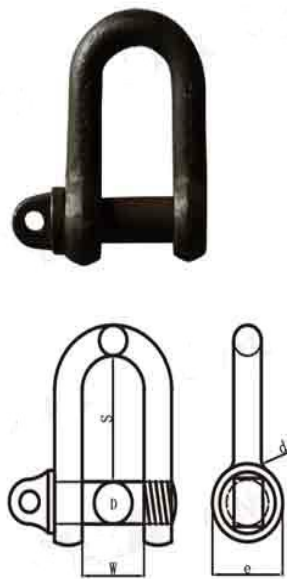
## Large Bow Shackles BS3032 BS3032弓型卸扣



BS 3032: 1958  
Higher Tensile Steel  
MB Proof load=2xSafe working load(w)

WLL(kg)	Dimensions(mm)					
	d	D	W	2r	S	e
150	6	10	13	19	29	19
450	10	12	16	25	41	25
750	12	16	22	32	54	32
1250	16	20	29	41	70	38
2000	20	22	35	51	86	44
2750	22	25	41	57	98	51
3750	25	28	44	64	108	57
4750	28	32	51	73	124	64
5750	32	35	57	83	137	70
8500	38	44	70	98	168	89
11500	45	51	86	121	206	102
15000	50	57	98	140	238	114

## Large Dee Shackles BS3032 BS3032直型卸扣



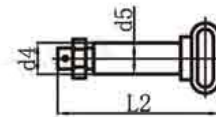
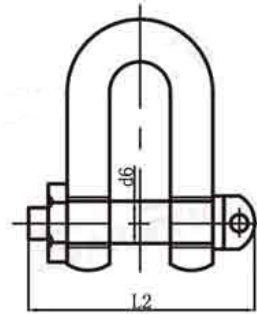
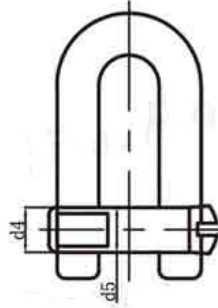
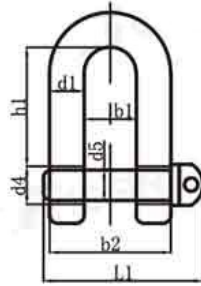
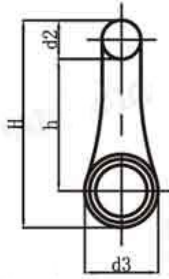
BS 3032: 1958  
Higher Tensile Steel  
MB Proof load=2xSafe working load(w)

WLL(kg)	Dimensions(in)					Weight(lbs)
	d	D	W	S	e	
2.5	1/4	3/8	1/2	1	3/4	0.24
5	3/8	1/2	3/4	1 1/2	1	0.38
7.5	1/2	5/8	1 1/8	2 1/8	1 1/4	0.77
1005	5/8	3/4	1 1/4	1 1/2	1 1/2	1.46
2000	3/4	7/8	1 1/2	2 7/8	1 3/4	2.25
3000	7/8	1/1	1 3/4	3 1/4	2	3.46
3007.5	1	1 1/8	2	3 3/4	2 1/4	5.07
5000	1 1/3	1 1/4	2 1/8	4 1/8	2 1/2	7.06
6000	1 1/4	1 3/8	2 3/8	4 1/2	2 3/4	9.49
7000	1 3/8	1 1/2	2 5/8	5	3	11.92
9005	1 1/2	1 3/4	2 3/4	5 3/8	3 1/2	15
11002.5	1 5/8	1 7/8	3	5 3/4	3 3/4	19.2
13000	1 3/4	2	3 1/4	6 1/8	6 1/8	24.27
14002.5	1 7/8	2 1/8	3 5/8	7	7	31.55
16002.5	2	—	—	7 3/8	7 3/8	44.13



# SHACKLE

## Shackles DIN82101 德制卸扣 DIN82101



Size A

Size B

Size C

Size(t)			WLL(t)	Dimensions ( mm )													Weight(lbs)		
A	B	C		b1	b2	d1	d2	d3	d4	d5	d6	H	h1	h	l1	l2	A	B	C
0.1	—	—	0.1	7	15	4	5	10	M5	5	5.3-0.1	28	15.5	18	24	—	0.028	—	—
0.16	—	—	0.16	8	18	5	6	12	M6	6	6.4-0.1	33	18	21	28	—	0.05	—	—
0.25	—	—	0.25	11	25	7	8	16	M8	8	8.4-0.2	44	24	28	38	—	0.1	—	—
0.4	0.4	0.4	0.4	14	31	8	10	20	M10	10	10.5-0.3	55	30	35	45	58	0.2	0.188	0.22
0.6	0.6	0.6	0.63	17	39	10	12	24	M12	12	13-0.5	66	36	42	53	66	0.24	0.36	0.39
1	1	1	1	21	49	13	15	32	M16	16	17-0.5	88	49	57	64	80	0.8	0.75	0.86
1.6	1.6	1.6	1.6	27	63	17	19	40	M20	20	21-0.5	110	61	71	85	100	1.7	1.588	1.77
2	2	2	2	30	70	19	21	44	M22	22	23-0.5	121	67	78	93	110	2.2	2.12	2.38
2.5	2.5	2.5	2.5	33	78	21	23	48	M24	24	25-0.5	132	73	85	103	122	3	2.75	3.09
3	3	3	3.15	33	90	24	26	54	M27	27	23-0.5	150	83.5	97	120	140	4.08	3.86	4.41
4	4	4	4	42	100	27	29	60	M30	30	31-0.5	165	91	106	130	150	5.5	5.29	5.96
5	5	5	5	47	111	30	33	72	M36	36	37-0.5	198	111	129	144	172	8.82	8.38	9.49
6	6	6	6.3	53	126	34	37	78	M39	39	40-0.5	215	119.5	139	160	190	12	11.47	12.79
8	8	8	8	60	142	38	41	90	M49	45	46-0.5	248	139.5	162	182	217	17.43	16.77	18.75
10	10	10	10	66	155	42	45	96	M48	48	50-1	264	147	171	200	235	22	21.4	23.83
12	12	12	12.5	73	173	47	50	104	M52	52	54-1	286	158	184	216	254	29.8	28.68	30.89
16	16	16	16	81	193	52	55	120	M60	60	62-1	330	185	215	245	285	42.36	42.14	45.23
20	20	20	20	90	214	58	61	136	M68	68	70-1	374	211	245	270	311	61.78	60.68	65.1
25	—	25	25	100	226	63	67	144	M72	72	74-1	396	221	257	324	371	75	—	79.43