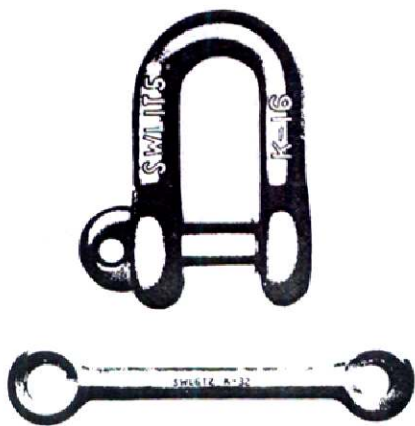


Mild Steel Shackles

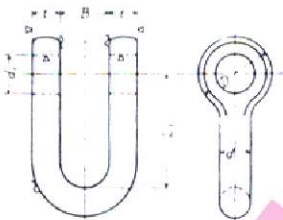
Newly revised JIS Standard (JIS-B2801-1972)



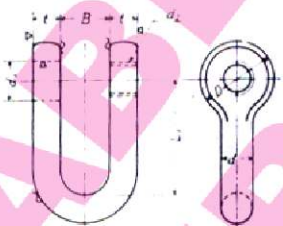
SC Shackle

6mm - 38mm
Drop Forged

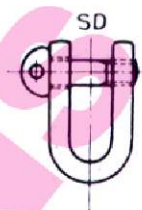
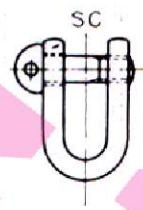
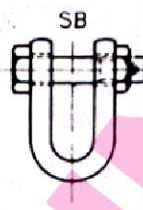
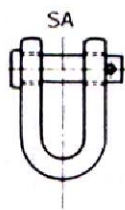
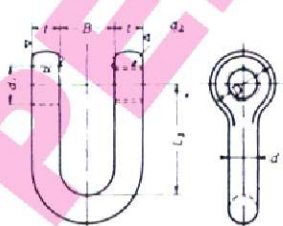
Body of SA · SB



Body of SC



Body of SD



Size	t	d	B	D	d ₁	Screw (d ₂)	L ₁	Reference Weight (kg)		
								S A	S B	S C
6	6	6	11	17	9	M 8	24	—	—	0.04
8	8	8	14	21	11	M 10	32	—	—	0.09
10	10	10	17	25	13	M 12	40	—	—	0.16
12	12	12	20	32	16	M 14	48	—	—	0.32
14	14	14	24	36	18	M 16	56	—	—	0.37
16	16	16	26	40	20	M 18	64	—	—	0.55
18	18	18	29	45	22	M 20	72	—	—	0.9
20	20	20	31	50	25	M 24	80	—	1.4	1.2
22	22	22	34	55	27	M 24	88	—	1.8	1.6
24	24	24	39	62	31	M 30	96	—	2.6	2.2
26	26	26	41	66	33	M 30	104	—	3.1	2.6
28	28	20	43	70	35	M 33	112	—	3.8	3.1
30	30	38	45	75	37	M 36	120	—	4.6	3.8
32	32	32	48	80	39	M 36	128	—	5.5	4.7
34	34	34	50	85	41	M 39	136	5.9	6.6	5.4
36	36	36	54	90	43	M 42	144	7.0	7.9	6.6
38	38	38	57	95	47	M 45	152	8.2	9.4	7.9
40	40	40	60	100	49	M 48	160	9.5	11	9.0
42	42	42	63	105	53	M 48	168	11.2	13	—
44	44	44	66	110	56	M 48	176	13.2	14	—
46	46	46	68	115	58	M 48	184	14.3	16	—
48	48	48	72	120	60	M 56	192	16.4	19	—
50	50	50	75	125	62	M 56	200	19	21	—
55	55	55	83	138	67	M 64	220	26	28	—
60	60	60	90	150	72	M 64	240	34	35	—
65	65	65	98	164	79	M 72 × 6	260	41	47	—
70	70	70	105	178	85	M 80 × 6	280	52	59	—
75	75	75	112	192	92	M 80 × 6	300	62	71	—
80	80	80	120	206	98	M 90 × 6	320	80	91	—
85	85	85	128	220	104	M 90 × 6	340	95	106	—
90	90	90	135	232	110	M 100 × 6	360	111	121	—

Size	t and d	B	D	d ₁	Screw (d ₂)	L ₁	Reference Weight (kg)
10	10	20	23	13	M 12	40	0.16
12	12	24	28	16	M 14	48	0.32
14	14	28	32	18	M 16	56	0.40
16	16	32	36	21	M 20	64	0.53
20	20	40	44	25	M 24	80	1.2
22	22	44	50	28	M 27	88	1.5
24	24	48	56	30	M 27	96	2.1
26	26	52	62	33	M 30	104	2.7
28	28	56	65	35	M 33	112	3.1
30	30	60	70	37	M 36	120	3.9
34	34	68	80	43	M 42	136	5.9
38	38	76	85	46	M 45	152	8.0
40	40	80	92	49	M 48	160	9.4
42	42	84	100	53	M 48	168	11.2
48	48	96	110	60	M 56	192	16.4
52	52	104	120	64	M 56	208	17.8
58	58	116	132	70	M 64	232	25.2

Mild Steel Shackles

Newly revised JIS Standard (JIS-B2801-1972)

Working load

Size	Bow Shackle				Straight Shackle			
	B A	B B	B C	B D	S A	S B	S C	S D
6	—	—	0.2	0.15	—	—	0.2	—
8	—	—	0.35	0.3	—	—	0.35	—
10	—	—	0.6	0.5	—	—	0.6	0.4
12	—	—	0.9	0.7	—	—	0.9	0.6
14	—	—	1.2	0.9	—	—	1.2	0.8
16	—	—	1.5	1.2	—	—	1.5	1.0
18	—	—	2.0	1.3	—	—	2.0	—
20	—	2.5	2.5	1.8	—	2.5	2.5	1.5
22	—	3.0	3.0	—	—	3.0	3.0	2.0
24	—	3.6	3.6	—	—	3.6	3.6	2.5
26	—	4.2	4.2	—	—	4.2	4.2	3.0
28	—	4.8	4.8	—	—	4.8	4.8	3.5
30	—	5.4	5.4	—	—	5.4	5.4	4.0
32	—	6.2	6.2	—	—	6.2	6.2	—
34	7.0	7.0	7.0	—	7.0	7.0	7.0	5.0
36	8.0	8.0	8.0	—	8.0	8.0	8.0	—
38	9.0	9.0	9.0	—	9.0	9.0	9.0	6.0
40	10	10	10	—	10	10	10	7.0
42	11	11	—	—	11	11	—	8.0
44	12	12	—	—	12	12	—	—
46	13	13	—	—	13	13	—	—
48	14	14	—	—	14	14	—	10
50	15	15	—	—	15	15	—	—
52	—	—	—	—	—	—	—	12
55	18	18	—	—	18	18	—	—
58	—	—	—	—	—	—	—	15
60	22	22	—	—	22	22	—	—
65	26	26	—	—	26	26	—	—
70	30	30	—	—	30	30	—	—
75	35	35	—	—	35	35	—	—
80	40	40	—	—	40	40	—	—
85	45	45	—	—	45	45	—	—
90	50	50	—	—	50	50	—	—

For bare steel wire rope

Size of Thimble A	Bow Shackle			Straight shackle		
	B A	B B	B C	S A	S B	S C
6	—	—	8	—	—	8
8	—	—	10	—	—	10
9	—	—	10	—	—	10
10	—	—	12	—	—	12
12	—	—	14, 16	—	—	14, 16
14	—	—	18	—	—	18
16	—	20	20	—	20	20
18	—	22	22	—	22	22
20	—	24	24	—	24	24
22	—	26, 28	26, 28	—	26, 28	26, 28
24	—	30	30	—	30	30
26	—	32	32	—	32	32
28	34	34	34	34	34	34
30	36	36	36	36	36	36
32	38, 40	38, 40	38, 40	38, 40	38, 40	38, 40
34	42	42	—	42	42	—
36	44	44	—	44	44	—
38	46, 48	46, 48	—	46, 48	46, 48	—
40	50	50	—	50	50	—
42	50	50	—	50	50	—
45	55	55	—	55	55	—
48	60	60	—	60	60	—
50	60	60	—	60	60	—
53	65	65	—	65	65	—
56	70	70	—	70	70	—
60	75	75	—	75	75	—
63	75	75	—	75	75	—

For covered steel wire rope

Size of Thimble B		8	9	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
Size of straight shackle	S D	12	14	16	20	22	24	26	28	30	34	38	40	42	48	48	52	58	58

For manila rope

Size of Thimble C		12	14	16	18	20	22	24	26	28	30	32	35	40	45
Size of bow shackle	B D	6	6	8	8	10	10	12	12	12	14	14	16	18	20