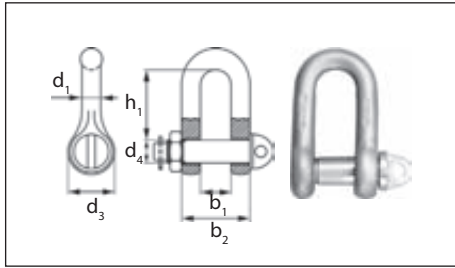


PRODUCT INFORMATION

END FITTINGS

Shackles



Shackle B type

slotted screw pin (straight) type
similar to DIN 8210
Finish: electrogalvanized
Nom. size 0,4 to 25
WLL 0,4 to 25 t
Dimensions as A type



Shackle C type

similar to DIN 82101
safety type, with nut and split pin
Finish: electrogalvanized
Nom. size 8 to 40
WLL 8 to 40 t
Dimensions as A type

Shackle A type

Screw pin chain (straight) type similar to DIN 82101

Nominal Size = Working Load Limit (WLL)	Weight	Measurements					
		b ₁	b ₂	d ₁	d ₃	d ₄	h ₁
t	~ kg/ea	mm	mm	mm	mm	mm	mm
0,1	0,01	7	15	4	10	5	15,5
0,16	0,02	8	18	5	12	6	18
0,25	0,04	11	25	7	16	8	24
0,4	0,08	14	30	8	20	10	30
0,6	0,17	17	37	10	24	12	36
1	0,36	21	47	13	32	16	49
1,6	0,75	27	61	17	40	20	61
2	1,0	30	68	19	44	22	67
2,5	1,3	33	75	21	48	24	73
3	1,9	38	86	24	54	27	83,5
4	2,5	42	96	27	60	30	91
5	4,0	47	107	30	72	36	111
6	5,4	53	121	34	78	39	119,5
8	7,9	60	136	38	90	45	139,5
10	10	66	150	42	96	48	147
12	14	73	167	47	104	52	158
16	19	81	185	52	120	60	185
20	28	90	206	58	136	68	211
25	34	100	226	63	144	72	221

Finish: electrogalvanized

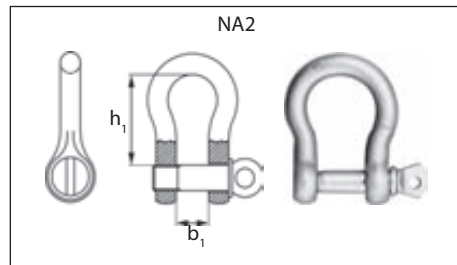
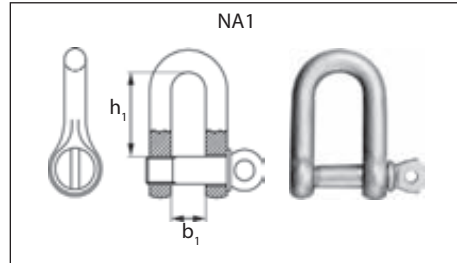
Shackle commercial type

Screw pin type for general use, not permitted with lifting appliances,
NA1 chain (straight) type
NA2 anchor (bow) type

Nominal Size = Diameter	Diameter	Working Load Limit (WLL)	Weight		Measurements	
			chain	anchor	b ₁	h ₁
~ inch	mm	~ t	~ kg/ea		mm	mm
3/16	5	0,08	0,02	0,02	10	20
1/4	6	0,1	0,03	0,03	12	24
5/16	8	0,2	0,07	0,07	16	32
3/8	10	0,3	0,13	0,14	20	40
7/16	11	0,4	0,18	0,19	22	44
1/2	13	0,5	0,25	0,27	24	48
9/16	14	0,6	0,36	0,38	28	56
5/8	16	0,8	0,53	0,56	32	64
3/4	19	1,1	0,92	1,0	38	74
7/8	22	1,5	1,4	1,5	44	88
1	24	2,0	2,2	2,3	48	96
1 1/8	28	3,0	3,4	3,2	56	112
1 1/4	32	3,5	4,6	4,8	64	128
1 3/8	36	4,0	5,9	6,3	72	144
1 1/2	38	5,0	7,6	8,3	76	152

Finish: electrogalvanized
Diameter relates to pin and bow.

Working Load Limit = 1/5 Breaking Force



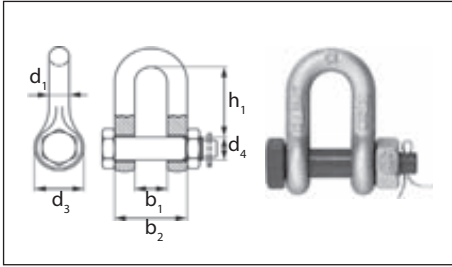
CAUTION!

Commercial type shackles must not be used for lifting loads.

End Fittings

Shackle HC1 type

High tensile steel safety pin chain (D) type



Nominal Size = Diameter of Bow	Working Load Limit (WLL)	Weight	Measurements					
			b ₁	b ₂	d ₁	d ₃	d ₄	h ₁
~ inch	t	~ kg/ea	mm	mm	mm	mm	mm	mm
1/4	0,5	0,06	12	26	6	17	8	22
5/16	0,75	0,10	13	29	8	21	10	26
3/8	1	0,15	16	36	10	26	12	31
7/16	1,5	0,22	18	40	11	28	14	36
1/2	2	0,34	21	47	13	30	16	41
5/8	3,25	0,70	27	59	16	42	19	51
3/4	4,75	1,2	32	70	19	48	22	60
7/8	6,5	1,6	36	80	22	57	25	71
1	8,5	2,4	43	93	25	62	28	81
1 1/8	9,5	3,3	46	104	29	69	32	90
1 1/4	12	4,6	52	116	32	78	35	100
1 3/8	13,5	6,0	57	127	35	86	38	113
1 1/2	17	8,3	60	136	38	94	42	124
1 3/4	25	13	73	161	44	112	51	146
2	35	19	83	185	51	127	55	171
2 1/4	42,5	25	95	209	57	139	65	185
2 1/2	55	35	105	231	64	152	70	203
3	85	60	127	279	76	200	82	216
4	150	145	140	348	107	226	107	250

Material: high tensile steel, forged
 Finish: hot dip galvanized bow, rust-proof painted pin
 Standard: US Fed Spec RR-C-271

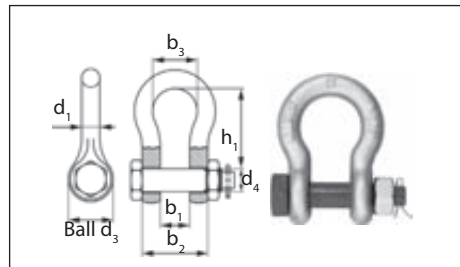
Working Load Limit = 1/6 Breaking Force

Shackle HC2 type

High tensile steel safety pin anchor (bow) type

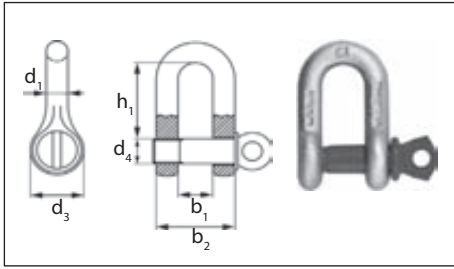
Nominal Size = Diameter of Bow	Working Load Limit (WLL)	Weight	Measurements						
			b ₁	b ₂	b ₃	d ₁	d ₃	d ₄	h ₁
~ inch	t	~kg/ea	mm	mm	mm	mm	mm	mm	mm
1/4	0,5	0,07	12	25	19	6	17	8	28
5/16	0,75	0,10	13	29	21	8	21	10	31
3/8	1	0,18	16	36	26	10	26	12	36
7/16	1,5	0,25	18	40	29	11	28	14	42
1/2	2	0,37	21	47	33	13	30	16	48
5/8	3,25	0,71	27	59	43	16	42	20	60
3/4	4,75	1,3	32	70	51	19	48	22	71
7/8	6,5	1,8	36	80	58	22	57	27	84
1	8,5	2,5	43	93	68	25	62	28	95
1 1/8	9,5	3,5	46	104	74	29	69	33	109
1 1/4	12	5,0	52	116	82	32	78	36	119
1 3/8	13,5	6,8	57	127	92	35	86	39	133
1 1/2	17	8,8	60	136	98	38	94	42	146
1 3/4	25	14	73	161	127	44	112	52	178
2	35	21	83	185	146	51	127	57	197
2 1/4	42,5	28	95	209	160	57	139	65	222
2 1/2	55	40	105	231	184	64	152	70	267
3	85	62	127	279	200	76	200	82	330
4	150	130	145	353	250	104	240	108	372

Material: high tensile steel, forged
 Finish: hot dip galvanized
 Standard: US Fed Spec RR-C-271



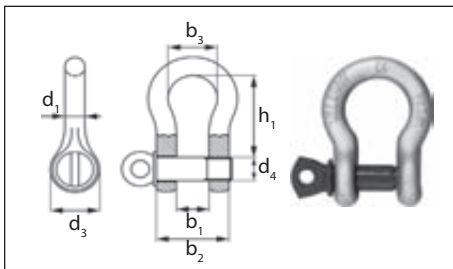
Shackle HA1 type

High tensile steel screw pin chain (D) type



Nominal Size = Diameter of Bow	Working Load Limit (WLL)	Weight	Measurements					
			b ₁	b ₂	d ₁	d ₃	d ₄	h ₁
~ inch	t	~ kg/ea	mm	mm	mm	mm	mm	mm
1/4	0,5	0,05	12	26	6	17	8	22
5/16	0,75	0,08	13	29	8	21	10	26
3/8	1	0,13	16	36	10	26	12	31
7/16	1,5	0,19	18	40	11	28	14	36
1/2	2	0,31	21	47	13	30	16	41
5/8	3,25	0,55	27	59	16	42	20	51
3/4	4,75	0,96	32	70	19	48	22	60
7/8	6,5	1,4	36	80	22	57	27	71
1	8,5	2,0	43	93	25	62	28	81
1 1/8	9,5	3,0	46	104	29	69	33	90
1 1/4	12	4,0	52	116	32	78	36	100
1 3/8	13,5	5,4	57	127	35	86	39	113
1 1/2	17	7,3	60	136	38	94	42	124
1 3/4	25	11	73	161	44	112	52	146
2	35	16	83	185	51	135	57	171
2 1/4	42,5	23	95	209	57	139	60	185
2 1/2	55	33	106	232	63	158	72	203

Material: high tensile steel, forged
 Finish: hot dip galvanized or, rust-proof painted pin
 Standard: US Fed Spec RR-C-271



Working Load Limit = 1/6 Breaking Force

Shackle HA2 type

high tensile steel screw pin anchor (bow) type

Nominal Size = Diameter of Bow	Working Load Limit (WLL)	Weight	Measurements						
			b ₁	b ₂	b ₃	d ₁	d ₃	d ₄	h ₁
~ inch	t	~ kg/ea	mm	mm	mm	mm	mm	mm	mm
1/4	0,5	0,05	12	25	19	6	17	8	28
5/16	0,75	0,08	13	29	21	8	21	10	31
3/8	1	0,14	16	36	26	10	26	12	36
7/16	1,5	0,22	18	40	29	11	28	14	42
1/2	2	0,33	21	47	33	13	30	16	48
5/8	3,25	0,65	27	59	43	16	42	20	60
3/4	4,75	0,97	32	70	51	19	48	22	71
7/8	6,5	1,5	36	80	58	22	57	27	84
1	8,5	2,4	43	93	68	25	62	28	95
1 1/8	9,5	3,2	46	104	74	29	69	33	103
1 1/4	12	4,3	52	116	82	32	78	36	119
1 3/8	13,5	5,7	57	127	92	35	86	39	133
1 1/2	17	7,8	60	136	98	38	94	42	146
1 3/4	25	13	73	161	127	44	112	52	178
2	35	19	83	185	146	51	135	60	197
2 1/4	42,5	25	95	209	160	57	139	65	222
2 1/2	55	38	106	232	184	63	158	72	267

Material: high tensile steel, forged
 Finish: hot dip galvanized bow, rust-proof painted pin
 WLL and size marked, strength/WLL co-efficient = 6



MORE ...

Other sizes, other types, specialities? Ask us. We are pleased to advise.