AMS GROUP
OF COMPANIES

AFRICAN MARITIME SERVICES

AMS Marine Services FISHING DIVISION

SHACKLES



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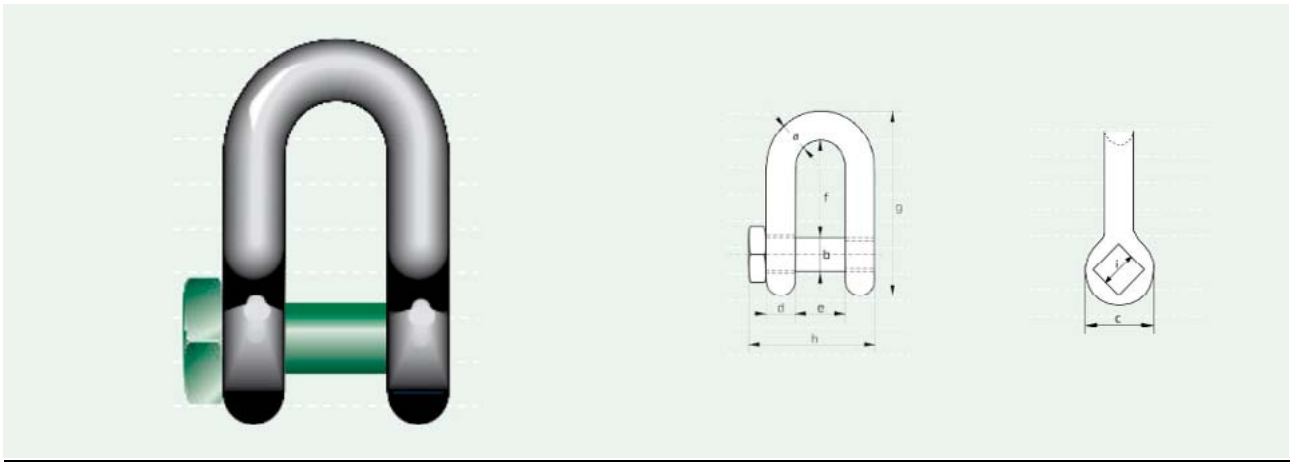
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SHACKLES

G-4154 Dee Square Headed Screw Pin

- Material: bow and pin high tensile steel, Grade 6, quenched and tempered
- Safety Factor: MBL equals 6 x WLL
- Standard: EN13889 and meets performance requirements of US Fed. Spec. RR-C-271, Grade A
- Finish: hot dipped galvanized
- Certification: at no extra charges this product can be supplied with a works certificate, 3.1 material certificate, manufacturer test certificate and/or EC Declaration of Conformity.

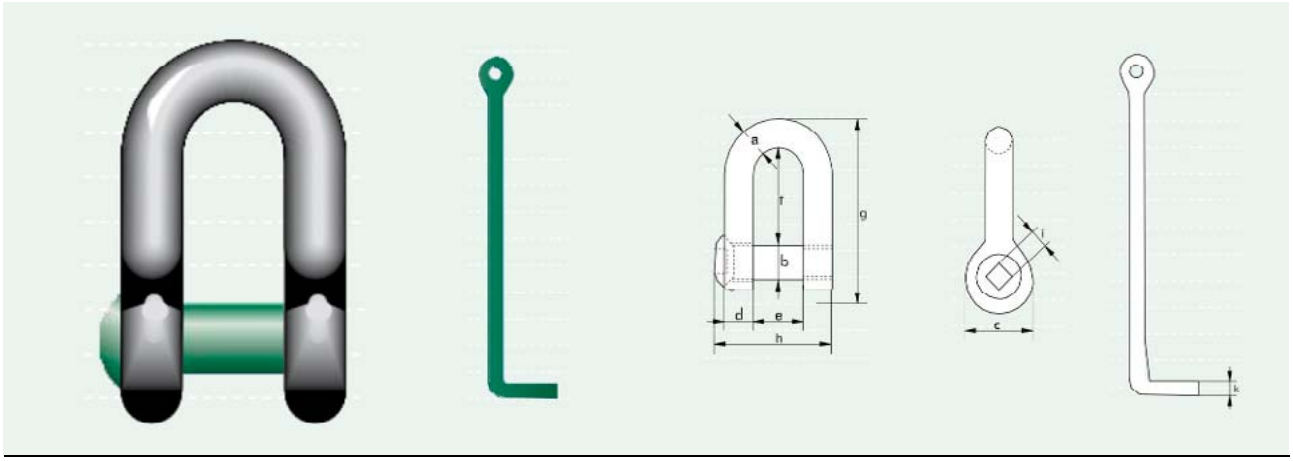


Working Load Limit (tons)	Stock code	Weight each (kg)	Dimensions (mm) A	B	C	D	E	F	G	H	I
2	SHADLPGP12	0.32	13.5	16	34	13	22	43	81	58	22
3.25	SHADLPGP16	0.58	16	19	40	16	27	51	97	71	27
4.75	SHADLPGP20	0.92	19	22	46	19	31	59	112	82	32
6.5	SHADLPGP22	1.33	22	25	52	22	36	73	134	93	32
8.5	SHADLPGP25	2.03	25	28	59	25	43	85	154	108	36
9.5	SHADLPGP28	2.88	28	32	66	28	47	90	167	120	41
12	SHADLPGP32	3.96	32	35	72	32	51	94	180	137	50
13.5	SHADLPGP35	5.24	35	38	80	35	57	115	209	149	50
17	SHADLPGP40	6.80	38	42	88	38	60	127	230	164	60
25	SHADLPGP45	11.22	45	50	103	45	74	149	271	192	60

SHACKLES

G-4159 Dee Square Sunken Hole Screw Pin

- Material: bow and pin high tensile steel, Grade 6, quenched and tempered
- Safety Factor: MBL equals 6 x WLL
- Standard: EN13889 and meets performance requirements of US Fed. Spec. RR-C-271, Grade A
- Finish: hot dipped galvanized
- Certification: at no extra charges this product can be supplied with a works certificate, 3.1 material certificate, manufacturer test certificate and/or EC Declaration of Conformity.
- Note: key for unscrewing the pin must be ordered separately.

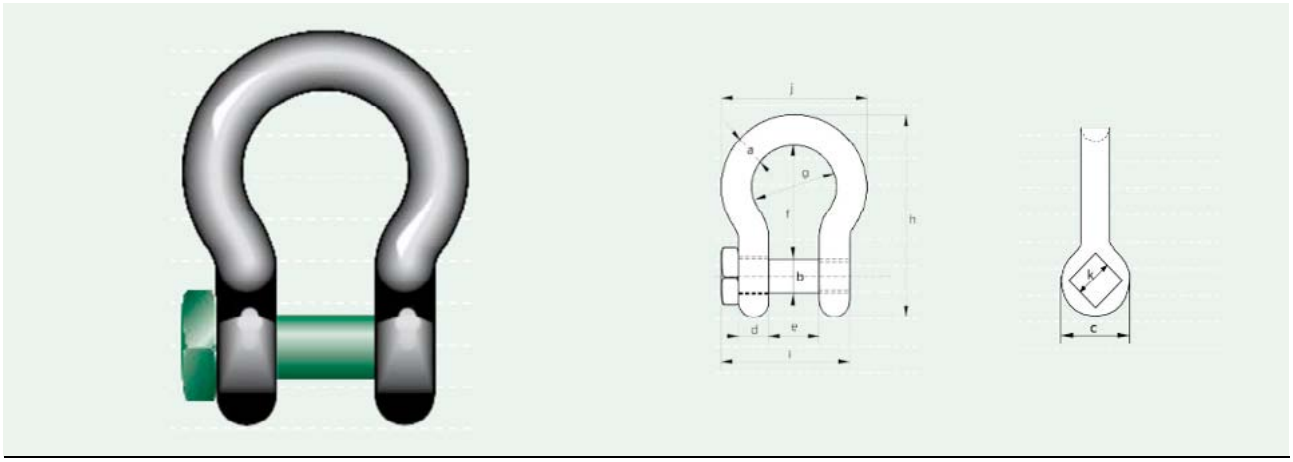


Working Load Limit (tons)	Stock code	Weight each (kg)	Dimensions (mm)								
			A	B	C	D	E	F	G	H	I
2	SHADEHGP12	0.34	13.5	16	34	13	22	43	81	51	11
3.25	SHADEHGP16	0.6	16	19	40	16	27	51	97	63	11
4.75	SHADEHGP20	0.98	19	22	46	19	31	59	112	74	11
6.5	SHADEHGP22	1.26	22	25	52	22	36	73	134	85	13
8.5	SHADEHGP25	2.14	25	28	59	25	43	85	154	99	13
9.5	SHADEHGP28	3.05	28	32	66	28	47	90	167	110	17
12	SHADEHGP32	3.56	32	35	72	32	51	94	180	122	17
13.5	SHADEHGP35	5.17	35	38	80	35	57	115	209	135	17
17	SHADEHGP40	6.84	38	42	88	38	60	127	230	145	17

SHACKLES

G-4164 Bow Square Headed Screw Pin

- Material: bow and pin high tensile steel, Grade 6, quenched and tempered
- Safety Factor: MBL equals 6 x WLL
- Standard: EN13889 and meets performance requirements of US Fed. Spec. RR-C-271, Grade A
- Finish: hot dipped galvanized
- Certification: at no extra charges this product can be supplied with a works certificate, 3.1 material certificate, manufacturer test certificate and/or EC Declaration of Conformity.

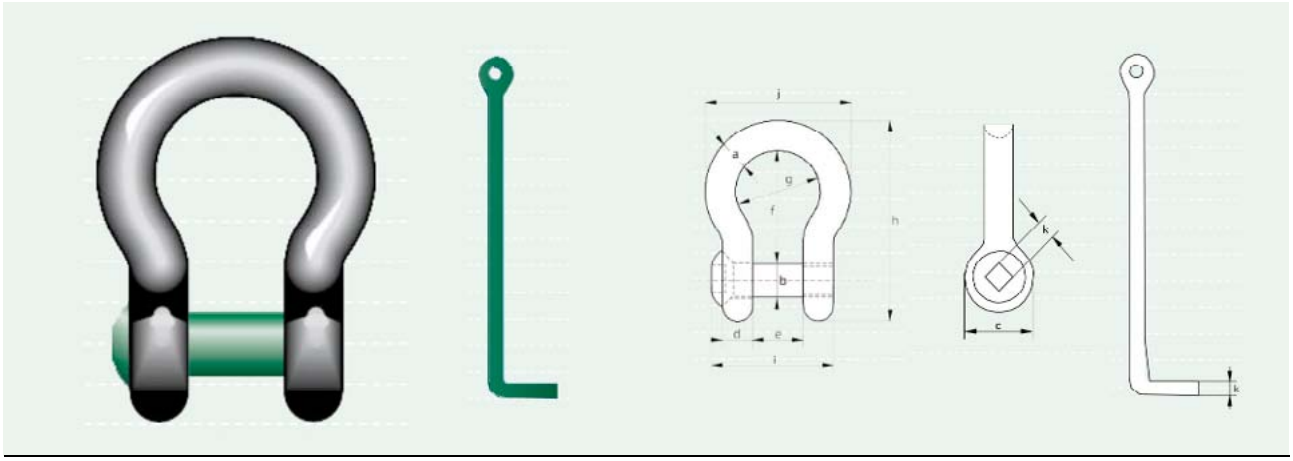


Working Load Limit (tons)	Stock code	Weight each (kg)	Dimensions (mm) A	B	C	D	E	F	G	H	I	J	K
2	SHABLPGP12	0.34	13.5	16	34	13	22	51	32	89	57.5	58	22
3.25	SHABLPGP16	0.63	16	19	40	16	27	64	43	110	71	75	27
4.75	SHABLPGP20	1	19	22	46	19	31	76	51	129	82	89	32
6.5	SHABLPGP22	1.44	22	25	52	22	36	83	58	144	93	102	32
8.5	SHABLPGP25	2.21	25	28	59	25	43	95	68	164	108	118	36
9.5	SHABLPGP28	3.18	28	32	66	28	47	108	75	185	120	131	41
12	SHABLPGP32	4.32	32	35	72	32	51	115	83	201	137	147	50
13.5	SHABLPGP35	5.67	35	38	80	35	57	133	92	227	149	162	50
17	SHABLPGP40	7.36	38	42	88	38	60	146	99	249	164	175	60
25	SHABLPGP45	12.38	45	50	103	45	74	178	126	300	192	216	60

SHACKLES

G-4169 Bow Square Sunken Hole Screw Pin

- Material: bow and pin high tensile steel, Grade 6, quenched and tempered
- Safety Factor: MBL equals 6 x WLL
- Standard: EN13889 and meets performance requirements of US Fed. Spec. RR-C-271, Grade A
- Finish: hot dipped galvanized
- Certification: at no extra charges this product can be supplied with a works certificate, 3.1 material certificate, manufacturer test certificate and/or EC Declaration of Conformity.
- Note: key for unscrewing the pin must be ordered separately.



Working Load Limit (tons)	Stock code	Weight each (kg)	Dimensions (mm)										
			A	B	C	D	E	F	G	H	I	J	K
2	SHABEHGP12	0.3	13.5	16.0	34.0	13.0	22.0	51.0	32.0	89.0	51.0	58.0	11.0
3.25	SHABEHGP16	0.6	16.0	19.0	40.0	16.0	27.0	64.0	43.0	110.0	63.0	75.0	11.0
4.75	SHABEHGP20	1.0	19.0	22.0	46.0	19.0	31.0	76.0	51.0	129.0	74.0	89.0	11.0
6.5	SHABEHGP22	1.5	22.0	25.0	52.0	22.0	36.0	83.0	58.0	144.0	85.0	102.0	13.0
8.5	SHABEHGP25	2.2	25.0	28.0	59.0	25.0	43.0	95.0	68.0	164.0	99.0	118.0	13.0
9.5	SHABEHGP28	3.1	28.0	32.0	66.0	28.0	47.0	108.0	75.0	185.0	110.0	131.0	17.0
12	SHABEHGP32	4.2	32.0	35.0	72.0	32.0	51.0	115.0	83.0	201.0	122.0	147.0	17.0
13.5	SHABEHGP35	5.6	35.0	38.0	80.0	35.0	57.0	133.0	92.0	227.0	135.0	162.0	17.0
17	SHABEHGP40	7.4	38.0	42.0	88.0	38.0	60.0	146.0	99.0	249.0	145.0	175.0	17.0

SHACKLES

BN GREEN PIN® Bow

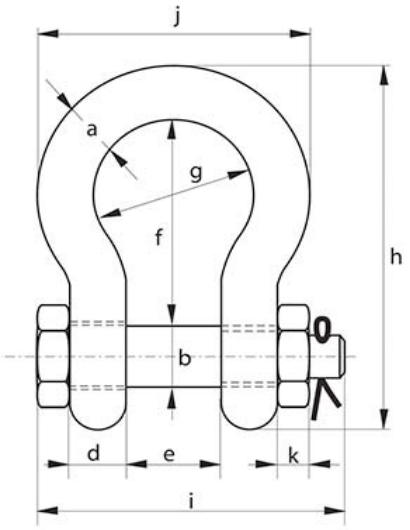
Standard bow shackle with safety bolt

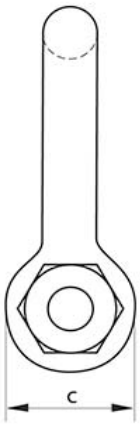
Product details

Productcode
G-4163
Material
bow and pin high tensile steel, Grade 6, quenched and tempered
Safety factor
MBL equals 6 x WLL
Finish
hot dipped galvanized
Temp. range
-40°C up to +200°C
Certification
Standard

EN 13889 and meets performance requirements of US Fed. Spec. RR-C-271, Type IVA, Class 3, Grade A. From 2 t and upward these shackles comply with ASME B30.26







Article code	working load limit (ton)	A	B	C	D	E	F	G	H	I	J	K	Net weight (KG)
GPGHMB06	0,5	7	8	16	7	12	29	20	48	42	34	4	0.06
GPGHMB08	0,75	9	10	20	9	13,5	32	22	56	50	40	5	0.11
GPGHMB10	1	10	11	23	10	17	37	26	64	60	46	8	0.15
GPGHMB11	1,5	11	13	25	11	19	43	29	73	67	51	11	0.22
GPGHMB13	2	13,5	16	34	13	22	51	32	90	80	59	13	0.42
GPGHMB16	3,25	16	19	40	16	27	64	43	110	98	75	17	0.74
GPGHMB19	4,75	19	22	46	19	31	76	51	129	115	89	19	1.18
GPGHMB22	6,5	22	25	52	22	36	83	58	144	130	102	22	1.77
GPGHMB25	8,5	25	28	59	25	43	95	68	164	150	118	25	2.58
GPGHMB28	9,5	28	32	67	28	47	108	75	186	166	131	27	3.66
GPGHMB32	12	32	35	73	32	51	115	83	201	184	147	30	4.91
GPGHMB35	13,5	35	38	79	35	57	133	92	227	197	162	33	6.54
GPGHMB38	17	38	42	88	38	60	146	99	249	202	175	19	8.19
GPGHMB45	25	45	50	104	45	74	178	126	300	243	216	23	14.0
GPGHMB50	35	50	57	112	50	83	197	138	332	269	238	26	18.8
GPGHMB57	42,5	57	65	132	57	95	222	160	378	301	274	29	28.3
GPGHMB65	55	65	70	145	65	105	260	180	433	329	310	32	39.6
GPGHMB75	85	75	83	167	75	127	330	190	530	381	340	39	62

SHACKLES

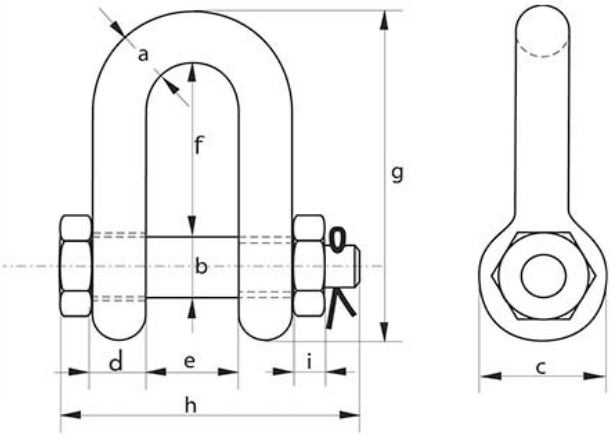
BN GREEN PIN® Dee

Standard dee shackle with safety bolt

Product details

Productcode
G-4153
Material
bow and pin high tensile steel, Grade 6, quenched and tempered
Safety factor
MBL equals 6 x WLL
Finish
hot dipped galvanized
Temp. range
-40°C up to +200°C
Certification
Standard
EN 13889, ASME B30.26 and meets performance requirements of US Fed. Spec. RR-C-271 Type IVB Class 3, Grade A





Article code	working load limit (ton)	A	B	C	D	E	F	G	H	I	Net weight (KG)
GPGDMB13	2	13,5	16	34	13	22	43	82	80	13	0,39
GPGDMB16	3,25	16	19	40	16	27	51	97	98	17	0,67
GPGDMB19	4,75	19	22	46	19	31	59	112	115	19	1,08
GPGDMB22	6,5	22	25	52	22	36	73	134	130	22	1,66
GPGDMB25	8,5	25	28	59	25	43	85	154	150	25	2,46
GPGDMB28	9,5	28	32	67	28	47	90	168	166	27	3,40
GPGDMB32	12	32	35	73	32	51	94	180	184	30	4,51
GPGDMB35	13,5	35	38	79	35	57	115	209	197	33	6,10
GPGDMB38	17	38	42	88	38	60	127	230	202	19	7,63
GPGDMB45	25	45	50	104	45	74	149	271	243	23	12,9
GPGDMB50	35	50	57	112	50	83	171	306	269	26	17,4
GPGDMB57	42,5	57	65	132	57	95	190	346	301	29	25,9
GPGDMB65	55	65	70	145	65	105	203	376	329	32	35,3
GPGDMB75	85	75	83	167	75	127	229	429	381	39	53,0

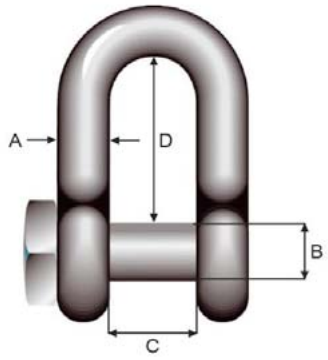
SHACKLES

Commercial Trawl Dee & Bow

SHACKLES - Commercial Trawl Bow Shackles - Galvanised or Un-Galvanised

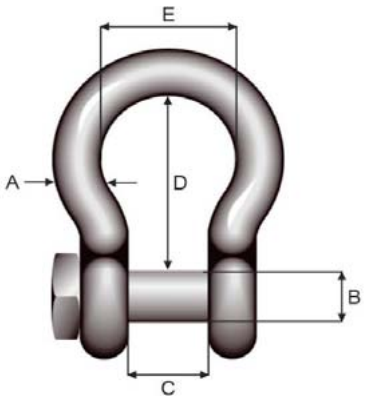
Equal Pin size

Not to be used for lifting applications



BOW AND PIN EQUAL THICKNESS . SQUARE HEAD PIN . DEE TYPE

Product Code	Size	WLL 5:1	A	B	C	D	Weight
		tonne	mm	mm	mm	mm	kg/100
SHADSSP06	1/4″	0.1	6	6	12	24	3.5
SHADSSP08	5/16″	0.2	8	8	16	32	7.0
SHADSSP10	3/8″	0.3	10	10	20	40	13.5
SHADSSP11	7/16″	0.4	11	11	22	44	17.5
SHADSSP12	1/2″	0.5	12	12	25	48	25.0
SHADSSP14	9/16″	0.6	14	14	28	54	38.0
SHADSSP16	5/8″	0.8	16	16	32	60	55.0
SHADSSP19	3/4″	1.1	19	19	38	74	92.0
SHADSSP22	7/8″	1.5	22	22	44	85	138.0
SHADSSP25	1″	2.0	25	25	51	97	225.0
SHADSSP28	1	2.6	28	28	56	107	316.0
SHADSSP32	1	3.2	32	32	64	122	470.0
SHADSSP38	1	4.5	38	38	76	146	700.0



BOW AND PIN EQUAL THICKNESS . SQUARE HEAD PIN . BOW TYPE

Part no.	Size	WLL 5:1	A	B	C	D	E	Weight
		tonne	mm	mm	mm	mm	mm	kg/100
SHADSSP08	5/16″	0.2	8	8	16	33	24	7.0
SHABSSP10	3/8″	0.3	10	10	20	42	30	14.0
SHABSSP11	7/16″	0.4	11	11	22	46	35	19.0
SHADSSP12	1/2″	0.5	12	12	25	52	39	26.0
SHABSSP14	9/16″	0.6	14	14	28	58	46	40.0
SHABSSP16	5/8″	0.8	16	16	32	67	48	55.0
SHABSSP19	3/4″	1.1	19	19	38	80	57	110.0
SHABSSP22	7/8″	1.5	22	22	44	92	66	150.0
SHABSSP25	1″	2.0	25	25	51	107	75	225.0
SHABSSP28	1	2.6	28	28	56	117	84	330.0
SHABSSP32	1	3.2	32	32	64	134	96	470.0
SHABSSP38	1	4.5	38	38	76	154	114	798.0

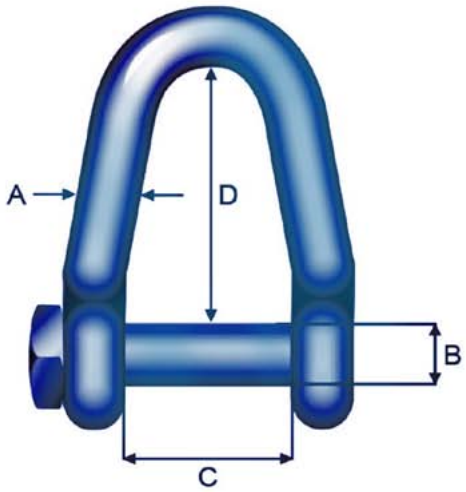
SHACKLES

Vee

SHACKLES - Vee Shackle - Blue Painted

Equal Pin size

Not to be used for lifting applications



Product Code	Size	WLL @5:1	A	B	C	D	Weight
	mm	tonne	mm	mm	mm	mm	kg/100
SHAVSSP32/1	32	9	32	32	76	110	380

Material	High Tensile Steel
Process	Drop Forged / Heat Treated
Style	V Type Shackle / Square Head Pin/ Equal size Pin & Body
Finish	Painted

SHACKLES

CROSBY® Screw Pin

- Capacities 1/3 thru 55 metric tons, grade 6.
- Forged - quenched and tempered, with alloy pins.
- Working load limit and grade “6” permanently shown on every shackle.
- Hot Dip galvanized or self coloured.
- Sizes 3/8 inch and below are mechanically galvanized.
- Fatigue rated.
- Shackles 25t and larger are RFID EQUIPPED.
- Shackles can be furnished proof tested with certificates to designated standards, such as ABS, DNV, Lloyds, or other certification. Proof testing and certificati available when requested at the time of order, charges will apply.
- Approved for use at -40° C (-40° F) to 204° C (400° F).
- All 209 and 210 shackles can meet charpy requirements of 42 Joules (31 ft•lbf) avg. at -20° C (-4° F) upon special request.
- Meets or exceeds all requirements of ASME B30.26.
- Type approval certification in accordance with ABS 2016 steel vessel rules and ABS guide for certification of lifting appliances available. Certificates available when requested at time of order and may include additional charges.
- Look for the Red Pin®. . . the mark of genuine Crosby quality.

KITO CROSBY™
Crosby Trawlex Crosby

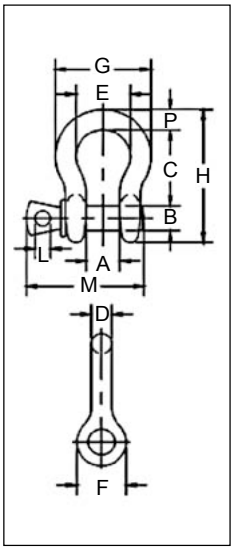


G-209 / S-209
G-209 Screw pin anchor shackles meet the performance requirements of Federal specification RR-C-271G Type IVA, Grade A, Class 2, except for those provisions required of the contractor.



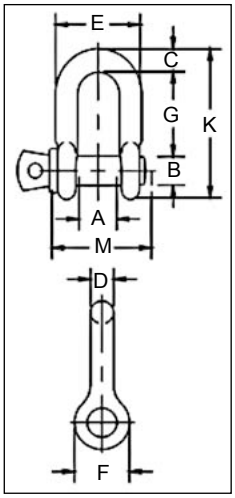
G-210 / S-210
G-210 Screw pin anchor shackles meet the performance requirements of Federal specification RR-C-271G Type IVB, Grade A, Class 2, except for those provisions required of the contractor.

G-209 Screw pin anchor shackles



Nominal size (in)	Working load limit (t)*	Stock no.		Weight each (lb)	Dimensions (in)											Tolerance + / -	
		G-209	S-209		A	B	C	D	E	F	G	H	L	M	P	C	A
3/16	1/3	1018357	–	.06	.38	.25	.88	.19	.60	.56	.98	1.47	.16	1.14	.19	.06	.06
1/4	1/2	1018375	1018384	.10	.47	.31	1.13	.25	.78	.61	1.28	1.84	.19	1.43	.25	.06	.06
5/16	3/4	1018393	1018400	.18	.53	.38	1.22	.31	.84	.75	1.47	2.09	.22	1.71	.31	.06	.06
3/8	1	1018419	1018428	.31	.66	.44	1.44	.38	1.03	.91	1.78	2.49	.25	2.02	.38	.13	.06
7/16	1-1/2	1018437	1018446	.38	.75	.50	1.69	.44	1.16	1.06	2.03	2.91	.31	2.37	.44	.13	.06
1/2	2	1018455	1018464	.72	.81	.63	1.88	.50	1.31	1.19	2.31	3.28	.38	2.69	.50	.13	.06
5/8	3-1/4	1018473	1018482	1.37	1.06	.75	2.38	.63	1.69	1.50	2.94	4.19	.44	3.34	.69	.13	.06
3/4	4-3/4	1018491	1018507	2.35	1.25	.88	2.81	.75	2.00	1.81	3.50	4.97	.50	3.97	.81	.25	.06
7/8	6-1/2	1018516	1018525	3.62	1.44	1.00	3.31	.88	2.28	2.09	4.03	5.83	.50	4.50	.97	.25	.06
1	8-1/2	1018534	1018543	5.03	1.69	1.13	3.75	1.00	2.69	2.38	4.69	6.56	.56	5.13	1.06	.25	.06
1-1/8	9-1/2	1018552	1018561	7.41	1.81	1.25	4.25	1.16	2.91	2.69	5.16	7.47	.63	5.71	1.25	.25	.06
1-1/4	12	1018570	1018589	9.50	2.03	1.38	4.69	1.29	3.25	3.00	5.75	8.25	.69	6.25	1.38	.25	.06
1-3/8	13-1/2	1018598	1018605	13.53	2.25	1.50	5.25	1.42	3.63	3.31	6.38	9.16	.75	6.83	1.50	.25	.13
1-1/2	17	1018614	1018623	17.20	2.38	1.63	5.75	1.54	3.88	3.63	6.88	10.00	.81	7.33	1.62	.25	.13
1-3/4	25	1018632	1018641	27.78	2.88	2.00	7.00	1.84	5.00	4.19	8.86	12.34	1.00	9.06	2.25	.25	.13
2	35	1018650	1018669	45.00	3.25	2.25	7.75	2.08	5.75	4.81	9.97	13.68	1.22	10.35	2.40	.25	.13
2-1/2	55	1018678	1018687	85.75	4.13	2.75	10.50	2.71	7.25	5.69	12.87	17.84	1.38	13.00	3.13	.25	.25

G-210 Screw pin chain shackles



Nominal size (in)	Working load limit (t)*	Stock no.		Weight each (lb)	Dimensions (in)										Tolerance + / -	
		G-210	S-210		A	B	C	D	E	F	G	K	L	M	G	A
1/4	1/2	1019150	1019169	.11	.47	.31	.25	.25	.97	.62	.97	1.59	.19	1.43	.06	.06
5/16	3/4	1019178	1019187	.17	.53	.38	.31	.31	1.15	.75	1.07	1.91	.22	1.71	.06	.06
3/8	1	1019196	1019203	.28	.66	.44	.38	.38	1.42	.92	1.28	2.31	.25	2.02	.13	.06
7/16	1-1/2	1019212	1019221	.43	.75	.50	.44	.44	1.63	1.06	1.48	2.67	.31	2.37	.13	.06
1/2	2	1019230	1019249	.59	.81	.63	.50	.50	1.81	1.18	1.66	3.03	.38	2.69	.13	.06
5/8	3-1/4	1019258	1019267	1.25	1.06	.75	.63	.63	2.32	1.50	2.04	3.76	.44	3.34	.13	.06
3/4	4-3/4	1019276	1019285	2.63	1.25	.88	.81	.75	2.75	1.81	2.40	4.53	.50	3.97	.25	.06
7/8	6-1/2	1019294	1019301	3.16	1.44	1.00	.97	.88	3.20	2.10	2.86	5.33	.50	4.50	.25	.06
1	8-1/2	1019310	1019329	4.75	1.69	1.13	1.00	1.00	3.69	2.38	3.24	5.94	.56	5.13	.25	.06
1-1/8	9-1/2	1019338	1019347	6.75	1.81	1.25	1.25	1.13	4.07	2.69	3.61	6.78	.63	5.71	.25	.06
1-1/4	12	1019356	1019365	9.06	2.03	1.38	1.38	1.25	4.53	3.00	3.97	7.50	.69	6.25	.25	.06
1-3/8	13-1/2	1019374	1019383	11.63	2.25	1.50	1.50	1.38	5.01	3.31	4.43	8.28	.75	6.53	.25	.13
1-1/2	17	1019392	1019409	15.95	2.38	1.63	1.62	1.50	5.38	3.62	4.87	9.05	.81	7.33	.25	.13
1-3/4	25	1019418	1019427	26.75	2.88	2.00	2.12	1.75	6.38	4.19	5.78	10.97	1.00	9.06	.25	.13
2	35	1019436	1019445	42.31	3.25	2.25	2.36	2.10	7.25	5.00	6.77	12.74	1.13	10.35	.25	.13
2-1/2	55	1019454	1019463	71.75	4.12	2.75	2.63	2.63	9.38	5.68	8.07	14.85	1.38	13.00	.25	.25

*** NOTE:** Maximum proof load is 2 times the working load limit. Minimum ultimate Strength is 6 times the working load limit.

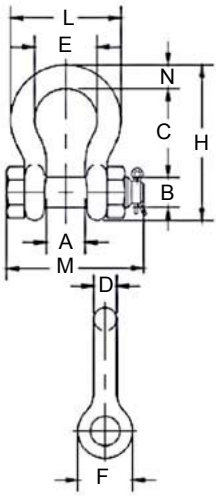
SHACKLES

CROSBY® Bolt Type

- Capacities 1/3 thru 150 metric tons, grade 6.
- Working load limit and grade “6” permanently shown on every shackle.
- Forged – quenched and tempered, with alloy bolts.
- Hot Dip galvanized or self coloured. (85, 120, and 150 metric ton shackles
- are all hot dip galvanized bows and the bolts are Dimetcoted® and painted red)
- Sizes 3/8 and below are mechanically galvanized.
- Fatigue rated (1/3t - 55t).
- Shackles 25t and larger are RFID EQUIPPED.
- Approved for use at -40° C (-40° F) to 204° C (400° F).
- Meets or exceeds all requirements of ASME B30.26.
- Shackles 85 metric tons and larger are individually proof tested to 2.0 times the
- working load limit.
- Type approval certification in accordance with ABS 2016 steel vessel rules
- ABS Guide for certification of lifting appliances available. Certificates available when requested at time of order and may include additional charges.
- 3.1 certification as standard available for charpy and statistical proof test from 3.25t up to 25 tons to DNV2.7-1 and EN13889.
- Crosby 3.25t through 25t G2130OC anchor shackles are type approved to DNV certification Notes 2.7-1- offshore containers. These Crosby shackles are statistical proof and impact tested to 42 Joules (31 ft*lbf) min. avg. at -20° C (-4° F). The tests are conducted by Crosby and 3.1 test certification is available upon request.
- All other 2130 shackles can meet charpy requirements of 42 Joules (31 ft*lbf) avg at -20° C (-4° F) when requested at time of order.
- Look for the Red Pin® . . . the mark of genuine Crosby quality.



G-2130 / S-2130
Bolt type anchor shackles with thin head bolt - nut with cotter pin. Meets the performance requirements of Federal specification RR-C 271G Type IVA, Grade A, Class 3, except for those provisions required of the contractor.



G-2130 / S-2130 bolt type anchor shackles

Nominal size (in)	Working load limit (t)*	Stock no.			Weight each (kg)	Dimensions (mm)										Tolerance + / -	
		G-2130	S-2130	G-2130OC		A	B	C	D	E	F	H	L	M	N	C	A
3/16	1/3 ‡	1019464	–	–	.03	9.65	6.35	22.4	4.85	15.2	14.2	37.3	24.9	32.8	4.85	1.50	1.50
1/4	1/2	1019466	–	–	.05	11.9	7.85	28.7	6.35	19.8	15.5	46.7	32.5	39.6	6.35	1.50	1.50
5/16	3/4	1019468	–	–	.10	13.5	9.65	31.0	7.85	21.3	19.1	53.0	37.3	46.2	7.85	1.50	1.50
3/8	1	1019470	–	–	.15	16.8	11.2	36.6	9.65	26.2	23.1	63.0	45.2	55.1	9.65	3.30	1.50
7/16	1-1/2	1019471	–	–	.22	19.1	12.7	42.9	11.2	29.5	26.9	74.0	51.5	63.8	11.2	3.30	1.50
1/2	2	1019472	1019481	–	.36	20.6	16.0	47.8	12.7	33.3	30.2	83.5	58.5	71.1	12.7	3.30	1.50
5/8	3-1/4	1019490	1019506	1262013	.62	26.9	19.1	60.5	16.0	42.9	38.1	106	74.5	90.4	17.5	3.30	1.50
3/4	4-3/4	1019515	1019524	1262022	1.23	31.8	22.4	71.5	19.1	51.0	46.0	126	89.0	105	20.6	6.35	1.50
7/8	6-1/2	1019533	1019542	1262031	1.79	36.6	25.4	84.0	22.4	58.0	53.0	148	102	122	24.6	6.35	1.50
1	8-1/2	1019551	1019560	1262040	2.28	42.9	28.7	95.5	25.4	68.5	60.5	167	119	137	26.9	6.35	1.50
1-1/8	9-1/2	1019579	1019588	1262059	3.75	46.0	31.8	108	28.7	74.0	68.5	190	131	150	31.8	6.35	1.50
1-1/4	12	1019597	1019604	1262068	5.31	51.5	35.1	119	31.8	82.5	76.0	210	146	170	35.1	6.35	1.50
1-3/8	13-1/2	1019613	1019622	1262077	7.18	57.0	38.1	133	35.1	92.0	84.0	233	162	183	38.1	6.35	3.30
1-1/2	17	1019631	1019640	1262086	8.62	60.5	41.4	146	38.1	98.5	92.0	254	175	196	41.1	6.35	3.30
1-3/4	25	1019659	1019668	1262095	15.4	73.0	51.0	178	44.5	127	106	313	225	246	57.0	6.35	3.30
2	35	1019677	1019686	–	23.7	82.5	57.0	197	51.0	146	122	348	253	275	61.0	6.35	3.30
2-1/2	55	1019695	1019702	–	44.6	105	70.0	267	66.5	184	145	453	327	345	79.5	6.35	6.35
3	† 85	1019711	–	–	70	127	82.5	330	76.0	200	165	546	365	384	92.0	6.35	6.35
3-1/2	† 120 ‡	1019739	–	–	120	133	95.5	372	92.0	229	203	626	419	432	105	6.35	6.35
4	† 150 ‡	1019757	–	–	153	140	108	368	104	254	229	653	468	451	116	6.35	6.35

* NOTE: Maximum proof load is 2 times the working load limit. Minimum ultimate strength is 6 times the working load limit.
† Individually proof tested with certification. ‡ Furnished in anchor style only and furnished with eyebolts for handling.