

Crosby® Wide Body Shackles

Load Rated



APPLICATION INSTRUCTIONS
SEE PAGE 89 OF THE GENERAL CATALOG

G-2160 / S-2160 "WIDE BODY" SHACKLES



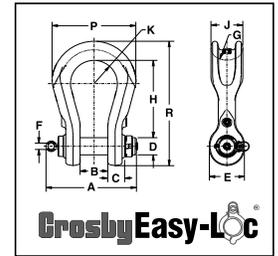
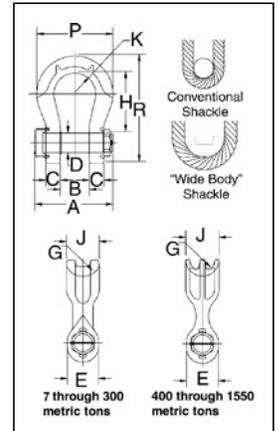
Patented



G-2160E



- All sizes Quenched and Tempered for maximum strength.
- Forged alloy steel from 7 through 300 metric tons.
- Cast alloy steel from 400 through 1550 metric tons.
- Sizes 300 metric tons and smaller are proof tested to 2 times the Working Load Limit.
- Sizes 400 metric tons and larger are tested to 1.33 times Working Load Limit.
- All ratings are in metric tons, embossed on side of bow.
- G-2160, (7-55t), are Hot Dip Galvanized and pins are painted red.
- G-2160, (75t and larger), bows are furnished Dimetcoted, and pins are Dimetcoted, then painted red.
- S-2160 bows and pins are painted red.
- Shackles, 30t and larger, are **RFID EQUIPPED**.
- Can be used to connect HIGH STRENGTH Synthetic Web Slings, HIGH STRENGTH Synthetic Round Slings or Wire Rope Slings.
- Increase in shackle bow radius provides minimum 58% gain in sling bearing surface and eliminates need for a thimble.
- Increases usable sling strength minimum of 15% and greatly improves life of wire rope slings.
- Pin is non-rotating, with weld-on handles for easier use (75t and larger).
- Approved for use at -40 degree C (-40 degree F) to 204 degree C (400 degree F).
- Bow and bolt are Certified to meet charpy impact testing of 42 joules (31 ft-lbs.) min. ave. at -20 degree C (-4 degree F).
- All 2160 shackles are individually proof tested and magnetic particle inspected. Crosby certification available at time of order.
- Shackles requiring ABS, Lloyds and other certifications are available upon special request and must be specified at time of order.
- Shackles 18t and larger have DNV Type Approval to Rules for Certification of Lifting Appliances, and are produced in accordance with DNV MSA requirements. Databook is provided that includes required documents.
 - Serialization / Identification
 - Material Testing (Physical / Chemical / Charpy)
 - Proof Testing
- Look for the Red Pin® . . . the mark of genuine Crosby quality.



G-2160E / S-2160E Crosby®

"Wide Body" Shackles

Working Load Limit (t)*	Stock No.		Weight Each (lbs.)	Dimensions (in.)											Effective Body Diameter	
	G-2160E	S-2160E		A	B +/- .25	C	D +/- .02	E	F	G	H	J	K	P		R
125	1021309	-	178	16.75	5.12	3.50	3.15	6.50	1.19	3.75	14.36	5.91	4.33	15.47	23.00	6.8
200	1021320	-	401	19.76	5.91	4.94	4.12	8.41	1.75	5.25	18.90	8.63	5.41	20.47	30.44	9.5
300	1021330	-	777	23.05	7.38	5.63	5.25	10.50	1.75	6.13	23.63	10.38	6.31	23.83	37.51	11.4

G-2160 / S-2160 Crosby® "Wide Body" Shackles

Working Load Limit (t)*	Stock No.		Weight Each (lbs.)	Dimensions (in.)											Effective Body Diameter
	G-2160	S-2160		A	B +/- .25	C	D +/- .02	E	G	H	J	K	P	R	
7	1021256	1021548	4.0	4.14	1.25	.69	.88	1.82	1.25	3.56	1.60	1.25	4.10	5.87	2.1
12.5	1021265	1021557	8.80	5.38	1.69	.92	1.13	2.38	1.37	4.63	2.13	1.63	5.51	7.63	2.4
18	1021274	1021566	14.90	6.69	2.03	1.16	1.38	2.69	1.50	5.81	2.50	2.00	6.76	9.38	2.8
30	1021283	1021575	26.50	7.69	2.37	1.38	1.63	3.50	2.50	6.94	3.13	2.50	8.50	11.38	4.1
40	1021285	1021584	46.00	9.28	2.88	1.69	2.00	4.00	1.75	8.06	3.75	3.00	10.62	13.62	3.6
55	1021287	1021593	68.00	10.36	3.25	2.00	2.25	4.63	2.63	9.36	4.50	3.50	12.26	15.63	4.3
75	1021290	-	99.00	14.37	4.13	2.12	2.75	5.34	3.50	11.54	4.75	3.64	12.28	18.41	6.3
400	1021334	-	1130	30.27	8.66	5.16	6.30	12.56	7.99	22.64	12.60	7.28	27.17	38.78	14.3
500	1021343	-	1440	33.35	9.84	5.73	7.09	13.39	8.09	24.80	13.39	8.86	31.10	42.72	14.8
600	1021352	-	1995	36.02	10.83	6.23	7.87	15.50	13.00	27.56	14.57	9.74	34.05	47.24	20.3
700	1021361	-	2415	38.91	11.81	6.59	8.46	17.03	8.87	28.94	15.75	10.63	37.01	50.18	16.6
800	1021254	-	2880	41.66	12.80	7.30	9.06	17.69	9.76	29.53	16.54	10.92	38.39	52.09	18.0
900	1021389	-	3628	43.73	13.78	7.78	9.84	18.81	13.00	29.82	18.81	11.52	40.35	54.59	22.4
1000	1021370	-	4155	45.98	14.96	8.33	10.63	20.00	10.26	29.92	18.11	12.11	42.32	55.31	19.3
1250	1021272	-	5320	49.86	16.99	9.16	11.81	22.56	13.92	39.62	20.87	12.70	46.26	65.35	24.4
1550	1021281	-	8302	54.89	18.31	11.10	12.60	24.25	12.52	42.32	22.82	13.29	51.81	74.63	23.9

* 7t-300t Proof Load is 2 times the Working Load Limit. Ultimate Load is 5 times the Working Load Limit.
400t-1550t Proof Load is 1.33 times the Working Load Limit. Ultimate Load is 4.5 times the Working Load Limit.
For Working Load Limit reduction due to side loading applications, see page 91.