

Crosby® Wide Body Shackles

Load Rated



APPLICATION INSTRUCTIONS
SEE PAGE 89 OF THE GENERAL CATALOG

Shackles

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



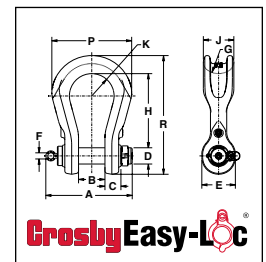
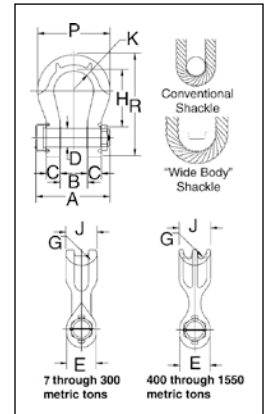
Patented



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 Dimetcoated, and pins are Dimetcoated, then painted red.
- S-2160 bows and pins are painted red.
- Shackles, 30t and larger, are **RFID EQUIPPED**.
- Greatly improves life of wire rope slings.
- 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%.
- 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 (kg)	Dimensions (mm)													Effective Body Diameter
	G-2160E	S-2160E		A	B +/- 6.35	C	D +/- .5	E	F	G	H	J	K	P	R		
125	1021309	-	88.0	425	130	88.9	80.0	165	30.2	95.3	365	150	110	393	584	173	
200	1021320	-	182	502	150	125	105	214	44.5	133	480	219	137	520	773	241	
300	1021330	-	352	585	187	143	133	267	44.5	156	600	264	160	605	953	290	

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

Working Load Limit (t)*	Stock No.		Weight Each (kg)	Dimensions (mm)													Effective Body Diameter
	G-2160	S-2160		A	B +/- 6.35	C	D +/- .5	E	G	H	J	K	P	R			
7	1021256	1021548	1.81	105	31.8	17.5	22.4	46.2	31.8	90.4	40.6	31.8	104	149	53.3		
12.5	1021265	1021557	4.54	137	42.9	23.4	28.7	60.5	34.8	118	54.1	41.4	140	194	61.0		
18	1021274	1021566	6.80	170	51.6	29.5	35.1	68.3	38.1	148	63.5	50.8	172	238	71.1		
30	1021283	1021575	11.34	195	60.2	35.1	41.4	88.9	63.5	176	79.5	63.5	216	289	104		
40	1021285	1021584	20.9	236	73.2	42.9	50.8	102	44.4	205	95.3	76.2	270	346	91.4		
55	1021287	1021593	32.21	263	82.6	50.8	57.2	118	66.8	238	114	88.9	311	397	109		
75	1021290	-	45	365	105	53.8	69.9	127	89.0	293	121	92.5	312	468	125		
400	1021334	-	500	772	220	131	160	320	203	575	320	185	690	985	363		
500	1021343	-	650	849	250	146	180	340	205	630	340	225	790	1085	376		
600	1021352	-	860	916	275	158	200	394	330	700	370	247	865	1200	516		
700	1021361	-	1109	990	300	167	215	433	223	735	400	270	940	1275	422		
800	1021254	-	1368	1059	325	185	230	449	248	750	420	277	975	1323	457		
900	1021389	-	1559	1112	350	198	250	478	330	757	440	293	1025	1387	569		
1000	1021370	-	1824	1169	380	212	270	508	261	760	460	308	1075	1405	490		
1250	1021272	-	2588	1278	432	233	300	573	354	1006	530	323	1175	1660	620		
1550	1021281	-	3650	1588	465	282	320	616	318	1075	580	338	1316	1896	693		

* 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.