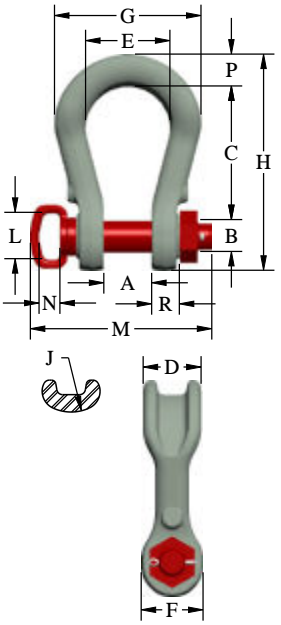
Crosby®

G-2160



- Increase in shackle bow radius provides minimum 58% gain in sling bearing surface and eliminates need for a thimble.
- Increases usable sling strength a minimum of 15% and greatly improves life of wire rope slings.
- Can be used to connect synthetic web slings, synthetic round slings or wire rope slings.
- All Crosby 2160 shackles are capable of inline bow to bow assembly.
- All sizes Quenched & Tempered for maximum strength.
- Forged alloy steel from 7 through 300 metric tons.
- Cast alloy steel from 400 through 2000 metric tons.
- Proof tested as follows:
  - 7 through 75 metric tons and 200 through 300 metric tons: 2 x WLL
  - 125 metric tons: 1.6 x WLL
  - 400 metric tons to 800t : 2 x WLL
  - 1000 metric tons to 2000t: 1.5 x WLL
- All ratings are in metric tons, embossed on side of bow.
- G-2160, (7 through 55t), are hot-dip galvanized and pins are painted red.
- G-2160 (75t and larger), bows are furnished Dimetcoted; Pins are Dimetcoted, then painted red.
- Approved for use at -40° C (-40° F) to 204° C (400° F).
- Bow and bolt are certified to meet Charpy impact testing of 42 Joules (31 ft-lb) min. avg. at -20° C (-4° 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.
- Type approved and certification to DNV 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
- All Crosby 2160 shackles are capable of inline bow to bow assembly.
- Look for the Red Pin®... the mark of genuine Crosby quality.

G-2160 Wide Body Shackles

Working Load Limit (t)	Stock No.	Weight Each (kg)	Dimensions (mm)														Effective Body Diameter	Replacement Bolt Stock No.
			A	B	C	D	E	F	G	H	J	L	M	N	P	R		
7	1021256	1.81	32	22	90	41	64	46	104	149	32	–	105	–	24	18	53	–
12 1/2	1021265	3.99	43	29	118	54	83	61	140	194	35	–	137	–	32	23	61	–
18	1021274	6.76	52	35	148	64	102	68	172	238	38	–	170	–	36	30	71	1083349
30	1021276	11.9	70	41	176	80	127	89	216	289	64	–	206	–	45	35	104	1089522
40	1021278	21.2	86	51	205	95	152	102	270	346	45	–	259	–	59	43	91	1089523
55	1021287	30.8	83	57	238	114	178	118	311	397	51	–	263	–	67	51	109	1083375
75	1022101	50.8	105	70	293	127	185	136	321	474	95	102	382	46	70	61	160	1089524
125	1022110	87.5	130	80	365	150	220	165	393	584	95	102	465	46	89	79	173	1089533
200	1022118	191	150	105	480	217	275	214	515	773	133	102	491	46	125	86	241	1089542
300	1022127	365	187	133	600	264	321	267	608	957	156	102	574	46	147	109	290	1089551
400	1021336	535	220	160	620	360	375	314	668	1062	183	–	780	–	205	150	363	1511032
500	1021345	796	250	180	685	435	455	340	792	1190	222	–	863	–	245	164	439	1511033
600	1021354	1002	275	200	740	475	489	375	816	1292	243	–	938	–	265	182	480	1511034
800	1021363	1535	342	230	820	536	554	440	904	1462	272	–	1078	–	307	212	541	1511037
1000	1021381	2263	404	270	850	610	640	500	1116	1584	338	–	1187	–	349	233	643	1511021
1250	1021390	3085	442	300	928	675	708	570	1259	1749	371	–	1322	–	386	249	709	1511027
1550	1021399	3802	470	320	1010	720	755	615	1314	1891	397	–	1427	–	413	290	757	1511028
2000	1021408	5383	520	385	1140	770	810	680	1412	2120	431	–	1597	–	447	323	815	1511029

5:1 Design Factor. Maximum Proof Load is 2 times the Working Load Limit on 7 through 300 metric tons (except for 125 metric tons which is proof tested to 1.6 times the Working Load Limit). Maximum customer Proof Load is 1.5 times the Working Load Limit on 400 through 2000 metric tons (available on customer request at time of order 2xWLL).

All replacement parts are only valid for the listed stock number.

APPLICATION AND WARNING INFORMATION
SECTION 17

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