

# Crosby® Wide Body Shackles

**Load Rated**

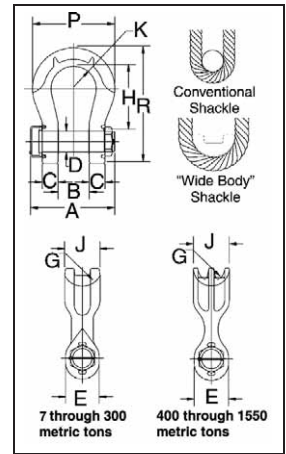


## G-2160/S-2160 "WIDE BODY" SHACKLES



Patented

- 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 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**.
- 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).
- All 2160 shackles are individually proof tested and magnetic particle inspected. Crosby certification available at time of order.
- Crosby products meet or exceed all requirements of ASME B30.26 including identification, ductility, design factor, proof load and temperature requirements. Importantly, Crosby products meet other critical performance requirements including fatigue life, impact properties and material traceability, not addressed by ASME B30.26.
- 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



Shackles

Working Load Limit (t)*	G-2160 Stock No.	S-2160 Stock No.	Weight Each (kg)	Dimensions (mm)										
				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
12.5	1021265	1021557	4.54	137	42.9	23.4	28.7	60.5	34.8	118	54.1	41.4	140	194
18	1021274	1021566	6.80	170	51.6	29.5	35.1	68.3	38.1	148	63.5	50.8	172	238
30	1021283	1021575	11.34	195	60.2	35.1	41.4	88.9	44.5	176	79.5	63.5	216	289
40	1021285	1021584	15.88	236	73.2	42.9	50.8	102	58.7	205	95.3	76.2	270	346
55	1021287	1021593	32.21	263	82.6	50.8	57.2	118	66.8	238	114	88.9	311	397
† 75	1021290	-	45	365	105	53.8	69.9	127	63.5	293	121	92.5	312	468
† 125	1021307	-	73	419	130	65.0	80.0	145	80.0	365	150	110	380	575
† 200	1021316	-	227	525	150	85.1	105	185	110	480	205	137	495	757
† 300	1021325	-	379	615	187	102	133	235	137	600	264	160	594	946
400	1021334	-	500	769	220	131	160	300	160	575	320	185	690	985
500	1021343	-	650	847	250	146	180	340	170	630	340	225	790	1085
600	1021352	-	860	915	275	158	200	394	185	700	370	247	865	1200
700	1021361	-	1109	988	300	167	215	376	200	735	400	270	940	1275
800	1021254	-	1368	1058	325	185	230	420	210	750	420	277	975	1323
900	1021389	-	1559	1111	350	198	250	430	220	757	440	293	1025	1373
1000	1021370	-	1824	1168	380	212	270	450	230	760	460	308	1075	1405
1250	1021272	-	2588	1266	430	232	300	533	265	930	530	323	1175	1660
1550	1021281	-	3650	1394	465	269	320	605	404	1075	580	338	1255	1865

\* 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.  
 ‡ Available in Forged and Cast Alloy Steel.  
 For Working Load Limit reduction due to side loading applications, see page 74.