

Crosby® Eye Hooks

Load Rated Fatigue Rated "QT"



SEE APPLICATION AND WARNING INFORMATION
 Para Español: www.thecrosbygroup.com On Pages 140 - 141

S-320 & S-320N EYE HOOKS



All Crosby 320 Eye Hoist Hooks incorporate the following features:

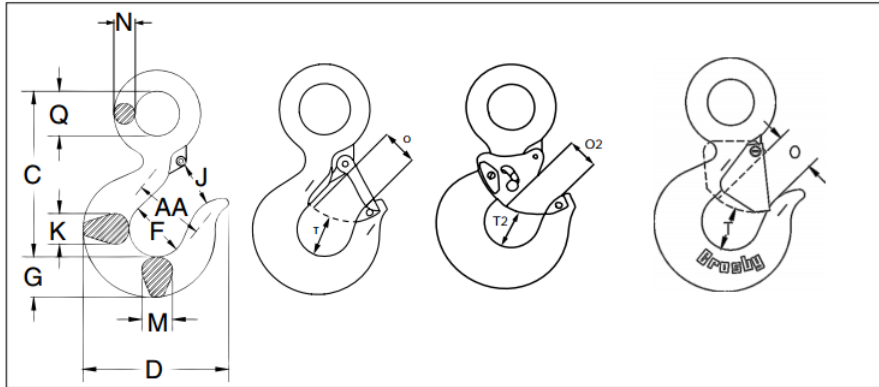
- The most complete line of Eye hoist hooks.
- Available in carbon steel and alloy steel.
- Designed with a 5:1 Design Factor for (Carbon Steel); 4.5:1 Design Factor for 30t - 60t (Alloy Steel).
- Eye hooks are load rated.
- Proper design, careful forging and precision controlled quenched and tempering give maximum strength without excessive weight and bulk.
- Every Crosby Eye Hook has a pre-drilled cam which can be equipped with a latch. Even years after purchase of the original hook, latch assemblies can be added. (See pages 119 - 121)
- Chemical analysis and tensile tests performed on each PIC to verify chemistry and mechanical properties.
- Type Approval and certification in accordance with ABS 2011 Steel Vessel Rules 1-1-17.7, and ABS 2007 Guide for Certification of Cranes.
- Hoist hooks incorporate two types of strategically placed markings forged into the product which address two (2) QUIC-CHECK® features:
 - Deformation Indicators and Angle Indicators (see following page for detailed definition).

The following additional features have been incorporated in the new Crosby S-320N Eye Hoist Hooks. (Sizes 3/4 metric ton Carbon through 22 metric ton Alloy.)

- Metric Rated at 5:1 Design Factor for (Carbon Steel); 5:1 Design Factor for 1t - 22t (Alloy Steel).
- Can be proof tested to 2 times the working Load Limit.
- Low profile hook tip.
- New integrated latch (S-4320) meets the World class standard for lifting.
 - Heavy duty stamped latch interlocks with the hook tip.
 - High cycle, long life spring.
 - When secured with proper cotter pin through the hole in the tip of hook, meets the intent of OSHA Rule 1926.1431(g) and 1926.1501(g) for personnel hoisting.
- Fatigue rated at 1-1/2 times the Working Load Limit at 20,000 cycles.

Working Load Limit (t)		Hook ID Code	Eye Hook Stock No.					Weight Each (lbs.)	Replacement Latch Kits		
Carbon	Alloy		Carbon S-320C S-320CN S.C.	Carbon L-320C S.C.	Carbon G-320CN Galv.	Alloy S-320A S-320AN S.C.	Alloy L-320A L-320AN S.C.		S-4320 Stock No.	PL Stock No.	SS-4055 Stock No.
3/4	1	†D	1022200	1022205	1022208	1022375	1022380	.61	1096325	-	-
1	1-1/2	†F	1022211	1022216	1022219	1022386	1022391	.89	1096374	-	-
1-1/2	2	†G	1022222	1022227	1022230	1022397	1022402	1.44	1096421	-	-
2	3	†H	1022233	1022238	1022241	1022406	1022413	2.07	1096468	-	-
3	5	†I	1022244	1022246	1022249	1022419	1022424	4.30	1096515	1092000	-
5	7	†J	1022255	1022260	1022262	1022430	1022435	8.30	1096562	1092001	-
7-1/2	11	†K	1022264	1022271	1022274	1022441	1022446	15.00	1096609	1092002	-
10	15	†L	1022277	1022282	1022285	1022452	1022457	20.77	1096657	1092003	-
15	22	†N	1022288	1022293	1022296	1022465	1022468	39.50	1096704	1092004	-
20	30	O	1023289	1022302	-	1023546	1022477	60.00	-	1093716	1090161
25	37	P	1023305	-	-	1023564	-	105.00	-	1093717	1090189
30	45	S	1023323	-	-	1023582	-	148.00	-	1093718	1090189
40	60	T	1023341	-	-	1023608	-	228.00	-	1093719	1090205

*Eye Hooks (3/4 TC - 22TA), Proof load is 2 times Working Load Limit. Eye Hooks (20 TC - 60TA). All carbon hooks-average straightening load (ultimate load) is 5 times Working Load Limit. Alloy eye hooks 1 ton through 22 ton-average straightening load (ultimate load) is 5 times Working Load Limit. Alloy eye hooks 30 tons through 60 tons-average straightening load (ultimate load) is 4.5 times Working Load Limit.
 † New 320N style hook.



Hook ID Code*	Dimensions (in.)													
	C	D	F	G	J	K	M	N	O †	O2 ††	Q	T †	T2 ††	AA
D	3.34	2.83	1.25	.73	.90	.63	.63	.36	.89	-	.75	.87	-	1.50
F	3.81	3.11	1.38	.84	.93	.71	.71	.42	.91	-	.91	.98	-	2.00
G	4.14	3.53	1.50	1.00	1.00	.88	.88	.55	1.00	-	1.13	1.03	-	2.00
H	4.69	3.97	1.63	1.13	1.13	.94	.94	.58	1.09	-	1.25	1.16	-	2.00
I	5.77	4.81	2.00	1.44	1.47	1.31	1.31	.72	1.36	1.00	1.56	1.53	1.50	2.50
J	7.37	6.27	2.50	1.81	1.75	1.66	1.66	.90	1.61	1.31	2.00	1.96	1.88	3.00
K	9.07	7.45	3.00	2.25	2.29	1.88	1.63	1.11	2.08	1.81	2.44	2.47	2.25	4.00
L	10.08	8.30	3.25	2.59	2.50	2.19	1.94	1.27	2.27	2.00	2.84	2.62	2.31	4.00
N	12.53	10.30	4.25	3.00	3.30	2.69	2.38	1.56	3.02	2.75	3.50	2.83	2.56	5.00
O	14.06	13.62	5.00	3.62	4.00	3.00	3.00	1.75	3.25	-	3.50	3.44	-	6.50
P	18.19	14.06	5.38	4.56	4.25	3.75	3.19	2.00	3.00	-	4.50	3.88	-	7.00
S	20.12	15.44	6.00	5.06	4.75	4.50	3.25	2.18	3.38	-	4.94	4.75	-	8.00
T	23.72	18.50	7.00	6.00	5.75	5.50	3.91	2.53	4.12	-	5.69	5.69	-	10.00