

Crosby® Eye Hooks



SEE APPLICATION AND WARNING INFORMATION

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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); 4:1 Design Factor for (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 101 - 103)
- Chemical analysis and tensile tests performed on each PIC to verify chemistry and mechanical properties.
- Type Approval and certification in accordance with ABS 2006 Steel Vessel Rules 1-1-17.7, and ABS 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); 4:1 Design Factor for (Alloy Steel).
- Can be proof tested to 2-1/2 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 1926.550(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 G-320CN Galv.	Alloy S-320A S-320AN S.C.		S-4320 Stock No.	PL Stock No.	SS-4055 Stock No.
3/4	1	†D	1022200	1022208	1022375	.61	1096325	-	-
1	1-1/2	†F	1022211	1022219	1022386	.89	1096374	-	-
1-1/2	2	†G	1022222	1022230	1022397	1.44	1096421	-	-
2	3	†H	1022233	1022241	1022406	2.07	1096468	-	-
3	5	†I	1022244	1022249	1022419	4.30	1096515	1092000	-
5	7	†J	1022255	1022262	1022430	8.30	1096562	1092001	-
7-1/2	11	†K	1022264	1022274	1022441	15.00	1096609	1092002	-
10	15	†L	1022277	1022285	1022452	20.77	1096657	1092003	-
15	22	†N	1022288	1022296	1022465	39.50	1096704	1092004	-
20	30	O	1023289	-	1023546	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 2.5 times Working Load Limit. Eye Hooks (20 TC - 60TA), Proof Load is 2 times Working Load Limit. 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.