

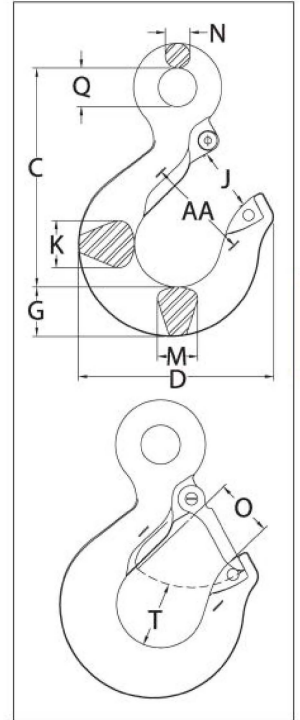


HOOKS & SWIVELS

L-1327



- For use with wire rope. Suitable for use with Grade 100 and Grade 80 chain. Working load limit needs to be de-rated to achieve a 5:1 design factor.
- Forged alloy steel, Quenched & Tempered.
- Each hook has a Product Identification Code (PIC) for material traceability, along with the size and the name Crosby.
- 25% stronger than Grade 80.
- Eye Sling Hooks incorporate QUIC-CHECK® deformation and angle indicators. (For detailed information, see the Crosby Value Added page at the beginning of this section.)
- When secured with the 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 lifting.
- Individually Proof Tested to 2.5 times the Working Load Limit with certification.
- Fatigue rated to 20,000 cycles at 1.5 times the Working Load Limit.



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APPLICATION AND WARNING INFORMATION SECTION 17

L-1327 Eye Sling Hook

Grade 10 Alloy Chain Size		Working Load Limit (t)	Hook ID Code	Stock No.	Weight Each (kg)	Dimensions (mm)											Replacement Latch Stock No.
(in)	(mm)					C	D	G	J	K	M	N	O	Q	T	AA	
-	6	1.45	DA	1025860	.23	84.8	72.9	18.5	22.9	16.0	16.0	9.1	22.6	19.1	22.1	38.1	1096325
1/4-5/16	7 - 8	2.6	HA	1025869	.59	107	99.1	26.2	30.0	19.1	19.1	12.7	29.2	19.1	29.5	50.8	1096468
3/8	10	4.0	IA	1025878	1.04	127	110	30.2	38.9	30.2	25.4	14.2	35.6	23.9	31.2	63.5	1096515
1/2	13	6.8	JA	1025887	2.04	161	144	36.6	45.2	34.8	29.7	18.3	42.4	28.4	47.8	76.2	1096562
5/8	16	10.3	KA	1025896	3.81	189	172	47.8	60.5	42.2	36.6	22.4	56.1	33.3	51.6	102	1096609
3/4	18-20	16.0	KA	1025915	6.80	230	189	57.2	58.2	47.8	41.4	28.2	52.8	62.0	62.7	102	1096609
7/8	22-23	20.0	LA	1025924	9.39	256	211	65.8	63.5	55.6	49.3	32.3	57.7	72.1	66.5	102	1096657
1	26	27.1	NA	1025933	17.9	326	262	76.2	83.8	68.3	60.5	39.6	76.7	88.9	71.9	127	1096704
1 1/4	32	41.0	PA	1025942	47.6	462	357	116	108	95.3	81.0	50.8	76.2	114	98.6	178	1093717

4:1 Design Factor. \*Deformation indicators.





HOOKS & SWIVELS

S-319/S-319N

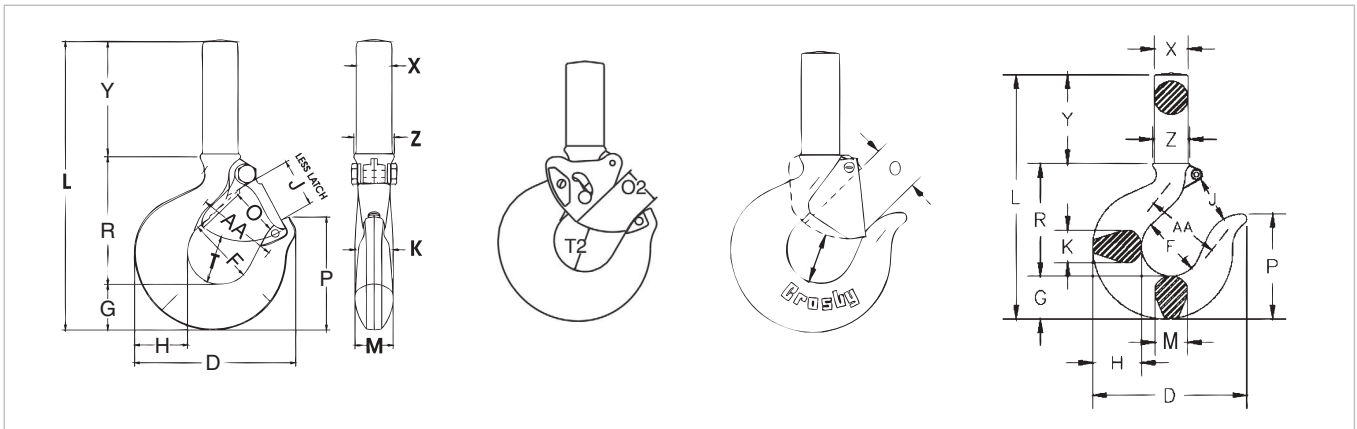


- Patented McKissick Split-Nut retention system available.
- Hooks incorporate QUIC-CHECK® deformation and angle indicators. (For detailed information, see the Crosby Value Added page at the beginning of this section.)
- Chemical analysis and tensile tests performed on each PIC to verify chemistry and mechanical properties.

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APPLICATION AND WARNING INFORMATION SECTION 17



S-319 / S-319N Shank Hook

Hook ID Code	Dimensions (mm)																	
	D	F	G	H	J	K	L	M	O	O2 ††	P	R	T	T2 ††	X	Y	Z	AA*
†D	72.5	31.8	18.5	20.6	23.6	16.0	131	16.0	†23.6	-	49.8	59.5	24.6	-	15.0	52.5	17.5	38.1
†F	80.5	35.1	21.3	23.9	24.6	18.0	144	18.0	†24.6	-	56.5	66.0	24.6	-	19.3	57.0	19.8	50.8
†G	91.0	38.1	25.4	29.5	26.9	22.4	161	22.4	†26.9	-	62.0	70.0	26.2	-	18.3	66.0	22.4	50.8
†H	102	41.1	29.0	33.3	30.2	23.9	181	23.9	†29.5	-	70.5	80.5	29.5	-	22.4	72.0	25.4	50.8
†I	123	51.0	36.6	41.4	38.1	33.3	219	28.7	†34.5	25.4	88.0	98.0	38.9	38.1	29.5	87.5	31.8	63.5
†J	160	63.5	46.2	52.5	45.2	42.2	265	36.6	40.9	33.3	117	121	49.3	47.8	35.8	97.5	39.6	76.2
†K	192	76.0	57.5	67.0	61.0	47.8	318	41.4	53.0	46.0	133	149	62.5	57.2	46.0	111	49.3	101
†L	212	82.5	66.0	74.5	66.5	55.5	409	49.3	57.5	51.0	151	162	66.0	58.7	51.0	178	55.5	101
†N	263	108	76.5	89.0	86.5	68.5	461	60.5	76.5	69.9	175	207	71.5	65.0	65.0	178	67.0	127
O	346	127	92.0	117	102	76.0	586	76.0	82.5	-	223	240	87.5	-	79.0	254	79.0	165
O	346	127	92.0	117	102	76.0	790	76.0	82.5	-	223	240	87.5	-	79.0	457	79.0	165
P	357	137	116	127	108	92.0	816	76.0	76.0	-	287	318	98.5	-	102	381	102	177
P	357	137	116	127	108	92.0	1044	76.0	76.0	-	287	318	98.5	-	102	610	102	177
S	392	152	129	140	121	94.5	867	82.5	86.0	-	319	356	121	-	106	381	106	203
S	392	152	129	140	121	94.5	1095	82.5	86.0	-	319	356	121	-	106	610	106	203
T	470	178	152	165	146	113	916	99.5	105	-	375	395	145	-	114	368	114	254
T	470	178	152	165	146	113	1208	99.5	105	-	375	395	145	-	114	660	114	254
U	524	197	170	184	165	133	1045	108	124	-	420	492	152	-	127	381	127	292
U	524	197	170	184	165	133	1249	108	124	-	420	492	152	-	127	584	127	292
W	584	173	218	251	149	140	1070	140	114	-	438	468	178	-	178	381	178	305
W	584	173	218	251	149	140	1222	140	114	-	438	468	178	-	178	533	178	305
X	619	171	232	278	152	152	1162	152	114	-	457	467	178	-	184	457	184	330
Y	678	191	248	300	168	178	1283	178	127	-	502	521	203	-	203	508	203	330
Z	765	241	270	329	203	184	1389	203	159	-	576	597	210	-	241	508	241	381

Rough as-forged dimension. Shank will not machine to this dimension. Please refer to the warnings & applications section for recommended shank diameter when machining.  
 \*Deformation indicators. †3/4t carbon through 22t alloy dimensions shown are for S-4320 Latch Kits. Dimensions for "O" frame size and larger are for PL Latch Kits. ††Dimensions are for PL-N latch kits. For the purpose of calculating D/d ratio, utilize dimension M.



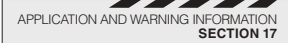


**L-320CN**  
Frame Size D-N



- Available in carbon steel and alloy steel.
- Eye hooks are load rated (marked with the Working Load Limit).
- Fatigue rated to 20,000 cycles at 1.5 times the Working Load Limit.
- Chemical analysis and tensile tests performed on each PIC to verify chemistry and mechanical properties.
- Hooks incorporate QUIC-CHECK® deformation and angle indicators. (For detailed information, see the Crosby Value Added page at the beginning of this section.)

**L-320C**  
Frame Size O-T



**L-320N / L-320 Eye Hooks**

Working Load Limit (t)		Hook ID Code	Eye Hook Stock No.			Weight Each (kg)	Replacement Latch Kits		
Carbon	Alloy		Carbon L-320C L-320CN S.C.	Carbon GL-320CN Galv.	Alloy L-320A L-320AN S.C.		S-4320 Stock No.	PL Stock No.	SS-4055 Stock No.
0.75	1	†D	1022205	1022208	1022380	.28	1096325	-	-
1	1.5	†F	1022216	1022219	1022391	.40	1096374	-	-
1.5	2	†G	1022227	1022230	1022402	.65	1096421	-	-
2	3	†H	1022238	1022241	1022413	.94	1096468	-	-
3	5	†I	1022246	1022249	1022424	1.95	1096515	1092000	-
5	7	†J	1022260	1022262	1022435	3.76	1096562	1092001	-
7.5	11	†K	1022271	1022274	1022446	6.80	1096609	1092002	-
10	15	†L	1022282	1022285	1022457	9.42	1096657	1092003	-
15	22	†N	1022293	1022296	1022468	17.9	1096704	1092004	-
20	30	O	1022302	-	1022477	27.2	-	1093716	1090161
25	37	P	1023306	-	1023565	47.6	-	1093717	1090189
30	45	S	1023324	-	1023583	67	-	1093718	1090189
40	60	T	1023342	-	1023609	103	-	1093719	1090205

All carbon hooks have a 5:1 Design Factor. Alloy eye hooks 1t through 22t have a 5:1 Design Factor. Alloy eye hooks 30t through 60t have a 4.5:1 Design Factor. For 3/4t carbon through 22t alloy eye hooks, Proof Load is 2.5 times Working Load Limit. For 20t carbon through 60t alloy eye hooks, Proof Load is 2 times Working Load Limit.

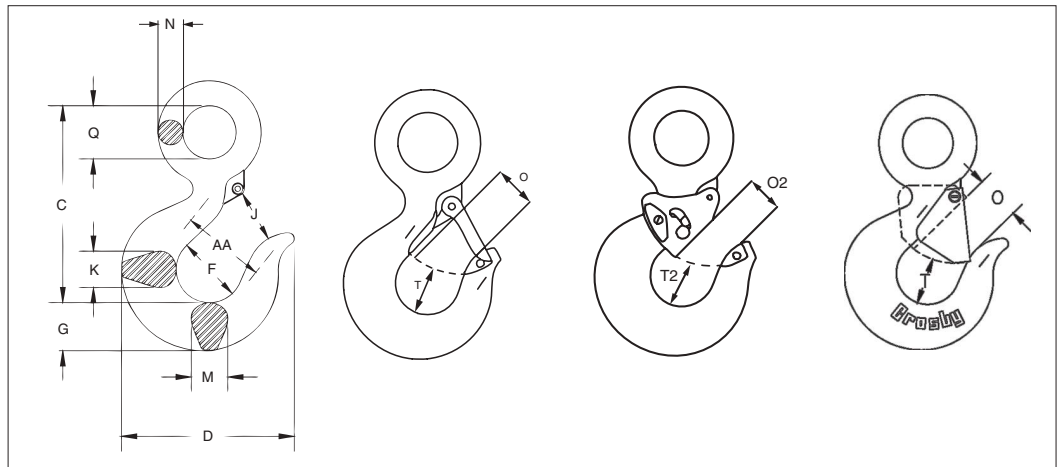


HOOKS & SWIVELS

L-320AN  
Frame Size D-N



L-320AN  
Frame Size O-T



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L-320N / L-320 EYE HOOKS

Hook ID Code*	Dimensions (mm)													
	C	D	F	G	J	K	M	N	O †	O2 ††	Q	T †	T2 ††	AA**
†D	85	72.0	31.8	18.5	22.9	16.0	16.0	9.14	22.6	-	19.1	22.1	-	38.1
†F	97	79.0	35.1	21.3	23.6	18.0	18.0	10.7	23.1	-	23.1	24.9	-	50.8
†G	105	89.5	38.1	25.4	25.4	22.4	22.4	14.0	25.4	-	28.7	26.2	-	50.8
†H	119	101	41.4	28.7	28.7	23.9	23.8	14.7	27.7	-	31.8	29.5	-	50.8
†I	147	122	51.0	36.6	37.3	33.3	33.3	18.3	34.5	25.4	39.6	38.9	38.1	63.5
†J	187	159	63.5	46.0	44.5	42.2	42.2	22.9	40.9	33.3	51.0	49.8	47.7	76.2
†K	230	189	76.0	57.0	58.0	47.8	41.4	28.2	53.0	46.0	62.0	62.5	57.2	102
†L	256	211	82.5	66.0	63.5	55.5	49.3	32.3	57.5	51.0	72.0	66.5	58.7	102
†N	318	262	108	76.0	84.0	68.5	60.5	39.6	76.5	69.8	89.0	72.0	65.0	127
O	357	346	127	92.0	102	76.0	76.2	44.5	82.5	-	89.0	87.5	-	165
P	462	357	137	116	108	95.2	81.0	51.0	76.0	-	114	98.5	-	178
S	511	392	152	129	121	114	82.6	55.4	86.0	-	125	121	-	203
T	602	470	178	152	146	140	99.3	64.3	105	-	145	145	-	254

\*Deformation indicators. †3/4t carbon though 22t alloy dimensions shown are for S-4320 Latch Kits. Dimensions for "O" frame size and larger are for PL Latch Kits.  
††Dimensions are for PL-N latch kits.





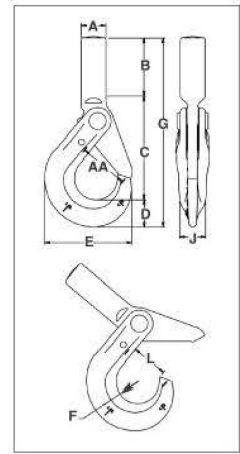
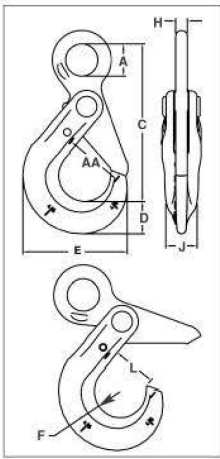
S-1316



S-1318A



- All SHUR-LOC® hooks have the following features:
  - Forged alloy steel, Quenched & Tempered.
  - Recessed trigger design is flush with the hook body, protecting the trigger from potential damage.
  - Easy to operate with enlarged thumb access.
  - Positive lock latch is self-locking when the hook is loaded.
  - The SHUR-LOC® hook, if properly installed and locked, can be used for personnel lifting applications and meets the intent of OSHA Rule 1926.1431(g)(1)(i)(A) and 1926.1501(g)(4)(iv)(B).
  - Fatigue rated to 20,000 cycles at 1-1/2 times the Working Load Limit.
  - Contact Engineered Solutions for additional threading or Split-Nut options at [thecrosbygroup.com/engineeredolutions](http://thecrosbygroup.com/engineeredolutions).
- Eye Style incorporates these added features:
  - Individually Proof Tested to 2-1/2 times the chain Working Load Limit with certification.
  - S-1316 meets the performance requirements of EN1677-3.
  - Suitable for use with Grade 100 and Grade 80 chain.
  - Designed with 'engineered flat' to connect to S-1325 chain coupler.



APPLICATION AND WARNING INFORMATION SECTION 17

S-1316 SHUR-LOC® Eye Hook with Positive Locking Latch

Chain Size		Stock No.	Frame code	Grade 10 Alloy Chain Working Load Limit (t) 4:1	Working Load Limit (t) 5:1	Weight Each (kg)	Dimensions (mm)									
(in)	(mm)						A	C	D	E	F	H	J	L	AA*	
-	6	1022896	D	1.45	1.00	.39	19.8	100	20.1	66.0	17.0	7.87	16.0	29.5	38.1	
1/4-5/16	7-8	1022914	G	2.60	1.90	.82	27.4	135	27.9	88.9	22.1	9.91	20.6	37.6	51.0	
3/8	10	1022923	H	4.00	2.50	1.54	33.0	167	29.7	112	27.9	12.9	23.9	46.5	63.5	
1/2	13	1022932	I	6.80	5.62	2.72	41.9	209	42.4	139	32.0	17.0	29.5	56.4	76.2	
5/8	16	1022941	J	10.30	7.53	6.83	55.9	256	51.8	167	38.1	22.1	38.1	67.3	89.0	
3/4	18-20	1022952	-	16.00	9.98	8.61	64.0	274	56.4	197	51.1	22.1	51.6	89.4	-	
7/8	22	1022943	-	20.00	12.0	12.7	72.9	317	62.2	222	57.7	24.9	55.9	97.3	-	
1	26	1022944	-	27.10	-	22.45	80.0	371	81.5	251	62.5	32.0	68.1	104	-	

\*Deformation indicators.

S-1318A SHUR-LOC® Shank Hook

Chain Size		Stock No.	Frame code	Grade 10 Alloy Chain Working Load Limit (t)	Dimensions (mm)										Weight Each (kg)
(in)	(mm)				A†	B	C	D	E	F	G	J	L	AA*	
-	6	1098200	D	1.45	20.1	55.0	84.0	20.1	66.0	17.0	159	16.0	28.7	38.1	.45
1/4-5/16	7-8	1098209	G	2.60	25.4	61.0	106	27.9	89.0	22.1	195	20.6	35.1	51.0	.90
3/8	10	1098218	H	4.00	29.0	75.0	131	29.7	112	27.9	235	23.9	46.5	63.5	1.61
1/2	13	1098227	I	7	34.0	85.0	160	42.4	138	32.0	288	29.5	53.5	76.2	3.18

4:1 Design Factor based on Grade 100 chain. \*Deformation indicators. †Dimension before machining (as forged).



HOOKS & SWIVELS