

LENTON® LOCK S1 (D) Independent Test Data

ASTM® A615 Grade 60

Part Number	Independent Lab Test Report Number	Rebar		Independent Test Result		ACI® 318 TYPE 1		AASHTO®		
		Size		Area (in ²)	Actual Stress Achieved (psi)	% fy	Required Stress 125% x Specified Yield (125% x 60,000)psi	TYPE 1 Pass/ Fail	Required Stress 135% x Specified Yield (135% x 60,000)psi	AASHTO Pass/ Fail
		in-lb	(mm)							
LL12S1(D)	TJ5421	4	(12)	0.20	95,700	160%	75,000	Pass	81,000	Pass
LL12S1(D)	TJ5422	4	(12)	0.20	94,900	158%	75,000	Pass	81,000	Pass
LL12S1(D)	TJ5423	4	(12)	0.20	96,200	160%	75,000	Pass	81,000	Pass
LL16S1(D)	TJ5424	5	(16)	0.31	90,323	151%	75,000	Pass	81,000	Pass
LL16S1(D)	TJ5425	5	(16)	0.31	90,645	151%	75,000	Pass	81,000	Pass
LL16S1(D)	TJ5426	5	(16)	0.31	96,774	161%	75,000	Pass	81,000	Pass
LL20S1(D)	TJ5427	6	(20)	0.44	99,091	165%	75,000	Pass	81,000	Pass
LL20S1(D)	TJ5428	6	(20)	0.44	98,636	164%	75,000	Pass	81,000	Pass
LL20S1(D)	TJ5429	6	(20)	0.44	99,318	166%	75,000	Pass	81,000	Pass
LL22S1(D)	TJ5410	7	(22)	0.60	102,592	171%	75,000	Pass	81,000	Pass
LL22S1(D)	TJ5411	7	(22)	0.60	110,533	184%	75,000	Pass	81,000	Pass
LL22S1(D)	TJ5412	7	(22)	0.60	110,638	184%	75,000	Pass	81,000	Pass
LL25S1(D)	TJ5430	8	(25)	0.79	92,152	154%	75,000	Pass	81,000	Pass
LL25S1(D)	TJ5431	8	(25)	0.79	90,380	151%	75,000	Pass	81,000	Pass
LL25S1(D)	TJ5432	8	(25)	0.79	92,152	154%	75,000	Pass	81,000	Pass
LL28S1(D)	TJ5433	9	(28)	1.00	86,800	145%	75,000	Pass	81,000	Pass
LL28S1(D)	TJ5434	9	(28)	1.00	90,100	150%	75,000	Pass	81,000	Pass
LL28S1(D)	TJ5435	9	(28)	1.00	85,600	143%	75,000	Pass	81,000	Pass
LL32S1(D)	TJ5436	10	(32)	1.27	88,898	148%	75,000	Pass	81,000	Pass
LL32S1(D)	TJ5437	10	(32)	1.27	89,764	150%	75,000	Pass	81,000	Pass
LL32S1(D)	TJ5438	10	(32)	1.27	88,819	148%	75,000	Pass	81,000	Pass
LL36S1(D)	TJ5407	11	(36)	1.56	90,710	151%	75,000	Pass	81,000	Pass
LL36S1(D)	TJ5408	11	(36)	1.56	92,588	154%	75,000	Pass	81,000	Pass
LL36S1(D)	TJ5409	11	(36)	1.56	90,773	151%	75,000	Pass	81,000	Pass
LL43S1(D)	TJ4643	14	(43)	2.25	93,124	155%	75,000	Pass	81,000	Pass
LL43S1(D)	TJ4644	14	(43)	2.25	93,352	156%	75,000	Pass	81,000	Pass
LL43S1(D)	TJ4645	14	(43)	2.25	90,356	151%	75,000	Pass	81,000	Pass
LL57S1(D)	TJ4640	18	(57)	4.00	90,060	150%	75,000	Pass	81,000	Pass
LL57S1(D)	TJ4641	18	(57)	4.00	107,755	180%	75,000	Pass	81,000	Pass
LL57S1(D)	TJ4642	18	(57)	4.00	104,209	174%	75,000	Pass	81,000	Pass

Table is a summary of STORK HERRON Independent Laboratory tests. Test reports are available upon request.

LENTON LOCK S1(D) Series develops in excess of 135% fy

WARNING:

1. ERICO products shall be installed and used only as indicated in ERICO product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your ERICO customer service representative.
2. ERICO products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
3. All instructions must be completely followed to ensure proper and safe installation and performance.
4. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

The customer is responsible for:

- a. Conformance to all governing codes
- b. The integrity of structures to which the products are attached including their capability of safely accepting the loads imposed, as evaluated by a qualified engineer.
- c. Using appropriate industry standard hardware as noted above.

SAFETY INSTRUCTIONS:

All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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ASTM is a registered trademark of the American Society for Testing and Materials

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