

LENTON® Couplers (A22) - Independent Test Data

ASTM® A615 Grade 100

Part Number	Independent Lab Test Report Number	Steel Reinforcing Bar			Independent Test Result		ASTM A615 Tensile Strength Steel Reinforcing Bar Requirement	
		Size		Area (in ²)	*Actual Stress Achieved (psi)	% fy	Stress Specified Tensile (115,000) psi	Pass/ Fail
		in-lb	[mm]					
EL22A22	TK1408	7	[22]	0.60	118,687	119%	115,000	Pass
EL22A22	TK1409	7	[22]	0.60	124,078	124%	115,000	Pass
EL22A22	TK1410	7	[22]	0.60	126,626	127%	115,000	Pass
EL25A22	TK1412	8	[25]	0.79	134,925	135%	115,000	Pass
EL25A22	TK1413	8	[25]	0.79	135,086	135%	115,000	Pass
EL25A22	TK1414	8	[25]	0.79	130,722	131%	115,000	Pass
EL28A22	1504-02-0078-2	9	[28]	1.00	119,700	120%	115,000	Pass
EL28A22	1504-02-0078-3	9	[28]	1.00	119,200	119%	115,000	Pass
EL28A22	1504-02-0078-4	9	[28]	1.00	120,300	120%	115,000	Pass
EL32A22	1504-02-0071F	10	[32]	1.27	117,600	118%	115,000	Pass
EL32A22	1504-02-0071G	10	[32]	1.27	117,000	117%	115,000	Pass
EL32A22	1504-02-0071H	10	[32]	1.27	119,000	119%	115,000	Pass
EL36A22	TK1415	11	[36]	1.56	117,907	118%	115,000	Pass
EL36A22	TK1417	11	[36]	1.56	125,558	126%	115,000	Pass
EL36A22	TK1427	11	[36]	1.56	122,462	122%	115,000	Pass
EL43TA22	1510-16-0941C	14	[43]	2.25	134,000	134%	115,000	Pass
EL43TA22	1510-16-0941D	14	[43]	2.25	128,000	128%	115,000	Pass
EL43TA22	1510-16-0941E	14	[43]	2.25	146,000	146%	115,000	Pass
EL57TA22	140550.5-1	18	[57]	4.00	119,530	120%	115,000	Pass
EL57TA22	140550.5-2	18	[57]	4.00	122,620	123%	115,000	Pass
EL57TA22	140550.5-3	18	[57]	4.00	115,405	115%	115,000	Pass

* Actual performance also exceeds ACI 318 Type 1, Type 2 for ASTM® A615 Grade 60,75,80 and ASTM A706 Grade 60,80.

Table is a summary of Tensile Testing Metallurgical Laboratory, Twining Inc. and Benchmark Holdings independent laboratory tests.

Test reports are available upon request.

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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IBC is a registered trademark of the International Code Council Inc.

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LENTON®

TECHNICAL SUPPORT:

CRSELA221_B

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