

# nVent LENTON Standard Couplers (A2) - Independent Test Data

## ASTM<sup>®</sup> A706 Grade 60

Part Number	Independent Lab Test Report Number	Rebar			Independent Test Result		IBC <sup>®</sup> and ACI <sup>®</sup> 318 TYPE 1		IBC and ACI 318 TYPE 2	
		Size		Area (in <sup>2</sup> )	*Actual Stress Achieved (psi)	% fy	Required Stress 125% x Specified Yield (125% x 60,000) psi	TYPE 1 Pass/ Fail	Required Stress Specified Tensile (80,000) psi	TYPE 2 Pass/ Fail
		in-lb	[mm]							
EL12A2	TJ2067	4	[12]	0.20	93,350	156%	75,000	Pass	80,000	Pass
EL12A2	TJ2068	4	[12]	0.20	95,315	159%	75,000	Pass	80,000	Pass
EL12A2	TJ2069	4	[12]	0.20	95,620	159%	75,000	Pass	80,000	Pass
EL16A2	TJ2034	5	[16]	0.31	95,874	160%	75,000	Pass	80,000	Pass
EL16A2	TJ2035	5	[16]	0.31	96,303	161%	75,000	Pass	80,000	Pass
EL16A2	TJ2036	5	[16]	0.31	92,335	154%	75,000	Pass	80,000	Pass
EL20A2	TJ2023	6	[20]	0.44	95,650	159%	75,000	Pass	80,000	Pass
EL20A2	TJ2024	6	[20]	0.44	96,200	160%	75,000	Pass	80,000	Pass
EL20A2	TJ2025	6	[20]	0.44	96,400	161%	75,000	Pass	80,000	Pass
EL22A2	TJ2001	7	[22]	0.60	93,720	156%	75,000	Pass	80,000	Pass
EL22A2	TJ2002	7	[22]	0.60	95,860	160%	75,000	Pass	80,000	Pass
EL22A2	TJ2003	7	[22]	0.60	94,620	158%	75,000	Pass	80,000	Pass
EL25A2	TH9497	8	[25]	0.79	93,889	156%	75,000	Pass	80,000	Pass
EL25A2	TH9498	8	[25]	0.79	94,692	158%	75,000	Pass	80,000	Pass
EL25A2	TH9499	8	[25]	0.79	94,692	158%	75,000	Pass	80,000	Pass
EL28A2	TJ2056	9	[28]	1.00	94,070	157%	75,000	Pass	80,000	Pass
EL28A2	TJ2057	9	[28]	1.00	93,802	156%	75,000	Pass	80,000	Pass
EL28A2	TJ2058	9	[28]	1.00	96,780	161%	75,000	Pass	80,000	Pass
EL32A2	TJ2013	10	[32]	1.27	90,316	151%	75,000	Pass	80,000	Pass
EL32A2	TJ2014	10	[32]	1.27	91,239	152%	75,000	Pass	80,000	Pass
EL32A2	TJ2015	10	[32]	1.27	90,143	150%	75,000	Pass	80,000	Pass
EL36A2	TJ1990	11	[36]	1.56	90,270	150%	75,000	Pass	80,000	Pass
EL36A2	TJ1991	11	[36]	1.56	94,576	158%	75,000	Pass	80,000	Pass
EL36A2	TJ1992	11	[36]	1.56	96,345	161%	75,000	Pass	80,000	Pass
EL43TA2	TJ2094	14	[43]	2.25	90,530	151%	75,000	Pass	80,000	Pass
EL43TA2	TJ2095	14	[43]	2.25	90,867	151%	75,000	Pass	80,000	Pass
EL43TA2	TJ2096	14	[43]	2.25	90,867	151%	75,000	Pass	80,000	Pass
EL57TA2	TJ2083	18	[57]	4.00	91,733	153%	75,000	Pass	80,000	Pass
EL57TA2	TJ2084	18	[57]	4.00	91,342	152%	75,000	Pass	80,000	Pass
EL57TA2	TJ2085	18	[57]	4.00	90,671	151%	75,000	Pass	80,000	Pass

**\* Actual performance also exceeds ACI 318 Type 1 and Type 2 for ASTM A615 Grade 60.**

**Table is a summary of STORK HERRON Independent Laboratory (now known as ELEMENT MATERIALS TECHNOLOGY) tests. Test reports are available upon request.**

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- nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at [www.nVent.com](http://www.nVent.com) and from your nVent customer service representative.
- nVent 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.
- All instructions must be completely followed to ensure proper and safe installation and performance.
- Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

**The customer is responsible for:**

- Conformance to all governing codes.
- 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.
- Using appropriate industry standard hardware as noted above.

**SAFETY INSTRUCTIONS:**


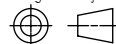
All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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E	REBRANDING	1014907	29APR19	JLC	MNB	ADM	-	-	
REV	DESCRIPTION	ESN #	DATE	DRN	CHK	APP	QA	MFG	
Tolerance (Inch) Unless Noted Angular Tolerance: ±° Fractional Tolerance: ± Two Place Decimal: ± Three Place Decimal: ±					Third Angle Projection 				
Tolerance [mm] Unless Noted Angular Tolerance: ±° One Place Decimal: ± Two Place Decimal: ±		Title: LENTON STANDARD COUPLERS (A2) INDEPENDENT TEST DATA ASTM A706 GRADE 60							
B Size		SHT 1 Of 1		Scale None		DWG		CRSELA22	REV E

