

# ENGINEERED SOLUTIONS CORPORATION

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## Lockout Device Certification

Manufacturer: **Tru-Lok Components, LLC**

ESCo Project No.: 0201.082

Lockout Device: Tru-Lok Lockout Unit

Rated Capacity:	<u>Diameter</u>	<u>Rated Capacity</u> (single shear)
	12 mm	1000 lbs
	19 mm	2000 lbs
	25 mm	4000 lbs

	<u>Diameter</u>	<u>Rated Capacity</u> (double shear)
	12 mm	2000 lbs
	19 mm	4000 lbs
	25 mm	8000 lbs

Acceptance Criteria: 3 against material yield strength  
5 against material ultimate strength

Material Specifications:

Pin material                      AISI 4140 PHT Rc= 33

Disclaimer:

This certification is based on the use of the product as intended and in accordance with the manufacturer's specification. The lockout hole diameter is within 1 mm of the pin diameter. Any application not complying with those provisions is not deemed certified.

Certification:

**Steven K Smith, P.E.**  
Engineered Solutions Corporation  
August 27, 2013

