

Material Testing and Non-Destructive Testing

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**Date:** 2/15/2005    **P.O. No.:** ES-1840    **W/O No.:** EZL001-01-21-55796-34

**TEST CERTIFICATE**

<b>Part No.:</b>	450-20
<b>Internal Thread:</b>	M20-2.5
<b>Material:</b>	12L14
<b>Description:</b>	Insert
<b>Test Plate Material:</b>	2024-T4 Aluminum

**PULL TEST**

**Specifications:** NO SPECIFICATION  
**Requirement:** N/S  
**Test Method:** MIL-STD-1312-8A/NASM 1312-8

<b>Sample</b>	<b>Result (lbs.)</b>	<b>Location of Fracture</b>
450-20	69,936	MANDREL
450-20	70,998	MANDREL
450-20	70,301	MANDREL

**FOR INFORMATION ONLY**



NDT AND  
MATERIALS TESTING  
FASTENER TESTING



CHEMICAL  
MECHANICAL  
FASTENERS

Respectfully submitted

*Elaine Scott*  
Elaine Scott  
Senior Quality Administrator

The information contained in this certification represents only the material submitted and is certified only for the quantities tested. Reproduction except in full is reserved pending written approval. All testing was performed in a mercury-free environment. A2LA accreditation No. 0093-01 and 0093-02.

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