



Commanding a Higher Standard<sup>SM</sup>

## THE PHOENIX FORGE GROUP

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### PRODUCT SPECIFICATION BULLETIN

#### CERTIFICATE of COMPLIANCE

#### COUPLINGS – HEAVY WALL T.O.E. STRUCTURAL 2” – 8” NPS

We hereby certify that the heavy wall T.O.E (thread one end) structural half couplings manufactured by Phoenix Forging Company are manufactured in the United States of America and meet the requirements listed below.

**Dimensions:** Heavy wall T.O.E structural half couplings conform to the dimensional requirements of the Phoenix Forging Company catalog page 28.

**Threads:** The threads of our heavy wall T.O.E structural half couplings are taper tapped and conform to the NPT thread requirements of ASME B1.20.1.

**Material:** Heavy wall T.O.E structural half couplings conform to the chemical and mechanical requirements of ASTM A513 grade 1026 or equivalent carbon steel pipe.

**Marking:** Heavy wall T.O.E structural half couplings are marked with our part number, Phoenix triangle trademark (Δ), and A513 using only low stress round bottom stamps or embossed markings.

**Surface Finish:** Heavy wall T.O.E structural half couplings are shipped bare with a dry to touch light rust inhibitor coating.

These products are produced in accordance with the Capitol Manufacturing ISO 9001:2000 Certified Quality System Program. These products are inspected by independent quality control personnel conforming to the requirements of EN 10204 Section 3.1B. These products were not exposed to mercury or any other metal alloy that is liquid at ambient temperatures during processing or while in our possession.

Bulletin: **B-41** Rev. **0** Date: **06/11/09** Approved: **Guy Cuccio** Title: **Technical Services Mgr.**

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