



REV.1
DATE: 7.23.09

SHACKLE HOIST RING (ZINC) CERTIFICATE OF COMPLIANCE ADB'S Quality Management System is registered to ISO 9001-2008

The material used on our American Drill Bushing Shackle Hoist Ring Components is AISA-SAE 4140 or equivalent and conforms to AMS-6382.

CHEMICAL ANALYSIS

Carbon	.38/.43	Silicon	.15/.35
Manganese	.60/.85	Chromium	.90/1.20
Phosphorus	.030/Max	Molybdenum	.15/.30
Sulfur	.030/Max		

Shackle Hoist Rings are designed to have a safety factor of five times the rated capacity (based on a minimum of 180,000 PSI ultimate tensile strength.) in any lifting direction (along the Shackle). However, the user is reminded that it should not be used to lift loads that exceed the rated capacity.

If any component of the hoist ring is replaced with a non-ADB component, this certification is void.

Shackle Hoist Rings meet the following military specifications and ASME standards:

MIL-STD-1365	General design criteria for handling equipment associated with weapons systems.
MIL-STD-209C	Slings and tie down provisions for lifting and tying down military equipment.

The special surface finish of these Shackle Hoist Rings is Zinc Plate per ASTM B633-98.

Shackle Hoist Rings are magnetic particle inspected in accordance with ASTM E 1444-94A.

Shackle Hoist Rings are heat treated to 36-48 Rc per MIL-H-6875.

Screws and stud assemblies are produced from 180,000 PSI minimum tensile strength material.

David Macias
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