



Rev. 0  
Rev.4  
Date: 1.13.10

## Certificate of Compliance

### **FLIP FLOP HOIST RINGS** ADB's QUALITY SYSTEM IS REGISTERED TO ISO 9001-2008

ADB® Flip Flop Hoist Rings 34030, 34035, 34040, 34045, and 34050 are designed to have a safety factor of six times the rated capacity (based on a minimum of 180,000-PSI ultimate tensile strength) in a vertical lift. However, the user is reminded that it should not be used to lift loads that exceed the rated capacity.

The material used on our American Drill Bushing Flip Flop Hoist Ring Components is AISA –SAE 4140 or equivalent and conform to AMS-6382.

#### **CHEMICAL ANALYSIS**

|            |           |          |           |
|------------|-----------|----------|-----------|
| Carbon     | .38 / .43 | Sulfur   | .030/ Max |
| Manganese  | .60 / .85 | Silicon  | .15/.35   |
| Phosphorus | .030/Max  | Chromium | .90/.120  |
| Molybdenum | .15/.30   |          |           |

The standard surface of Flip Flop Hoist Rings is Black Oxide Per Mil-C-13924B.

ADB® Flip Flop Hoist Rings are magnetic particle inspected in accordance with ASTM 1444.

ADB® Flip Flop Hoist Rings are heat treated to 36-45 RC per Mil-H-6875.

ADB® Flip Flop Hoist Rings are produced from 180,000 PSI minimum tensile strength material.

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