

# ITW SHAKEPROOF INDUSTRIAL PRODUCTS

FINISH  
CODE

REVISION  
LEVEL

**BRIEF DESCRIPTION:**

HB-0 E NICKEL-BLACK-HEAD

**HB**

**0**

REV DATE: 9/28/2011

**GENERAL DESCRIPTION**

.0002 MIN. ELECTROPLATED NICKEL SEMI-BRIGHT BASE, PAINT HEAD WITH HI-TEMP 1050ZN PRIMER FOLLOWED BY HI-TEMP 1000V TOPCOAT FLAT BLACK

**APPEARANCE**

FLAT BLACK HEAD

**ADHESION AND DUCTILITY**

TO BE TESTED IN ACCORDANCE TO ASTM B571 (SCOTCH TAPE TEST)

**CORROSION REQUIREMENTS**

**RED RUST:**

**WHITE CORRIOSION:**

SALT SPRAY TESTS TO BE PERFORMED PER ASTM B117

**COATING THICKNESS REQUIREMENTS**

BASE PLATING MIN. THICKNESS .0002 MAX. THICKNESS .0004

**STRESS RELIEF**

PARTS TO BE BAKED AT 400 DEGREES F FOR 4 HOURS WITHIN 1 HOUR OF BASE PLATING

**QUALITY CONTROL**

GRINDING WHEEL TEST: SAMPLE PARTS WILL BE GROUND ON EDGES THROUGH THE PLATED DEPOSIT AND INTO THE BASE METAL AND THE GROUNDED EDGES EXAMINED FOR FLAKING OR PEELING . VISUALLY INSPECT FOR UNIFORMITY OF COLOR AND SURFACE APPEARANCE, BLISTERING.

**PROCESS TO**

PRINT DATE:

6/2/2016