



# CORPORATE STANDARD

AA 712 69 38

Rev. No. 04

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## SCREWS, HAMMER DRIVE, STEEL

### 1.0 DESIGNATION:

A Hammer Drive screw of screw No.4, length, mm and made of steel shall be designated as:

#### 1.1 On drawings:

- i) Material specification column : AA 712 69 38.
- ii) Description column : SCRU HAMMER No.4X8-ST

#### 1.2 On indents:

Hammer Drive screw No. 4X8 -ST: AA 712 69 38.

#### 1.3 For issuing enquiries and on purchase orders:

While issuing enquiries and purchase orders, delete Corporate standard number from the above description and add the information given under clause 2.

### 2.0 COMPLIANCE WITH STANDARDS:

#### 2.1 Dimensions, Tolerances and General Requirements:

As per IS:7519-74, Table-1&2 (Reaffirmed 1996).

#### 2.2 Material:

As specified in IS 7519.

#### 2.3 Finish: Unplated

### 3.0 NOTE:

- 3.1 Length & screw No. Combination (refer Table-1 at page 3 of 3) between the bold lines should only be used
- 3.2 Hammer drive screws shall have fully formed threads, extending from the base of the pilot to the head, except that threads at the starting end and under the head may be complete for a length equal to one-half of the maximum screw diameter due to the natural flow of material in the thread forming operation.
- 3.3 The material shall be thick enough to provide adequate thread engagement and the thickness should not normally be less than the screw diameter.

#### Revisions :

Cl. 23.6 of MOM of WG-F

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- 3.4 Screws to this standard would be unplated, divisions wishing to have plated screws would have to get them plated.
- 3.5 Weights given in this standard are for general reference only and are not meant for commercial transactions.
- 3.6 When fasteners are to be tested with in BHEL, sampling and acceptance plan shall be as per IS:1367, Part 17.

**4.0 REFERRED STANDARDS (Latest publications including amendment):**

- 1) IS:7519            2) IS:1367, Pt.17

**EXPLANATORY NOTE:**

**The following changes have been made in this revision:**

- Sampling and Acceptance plan shall be as per IS:1367, Pt.17.
- Four pages made in\to three pages.

