



CORPORATE STANDARD

AA 711 51 90

Rev. No. 04

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BOLTS, FOUNDATION TYPE-A, PRODUCT Gr:C, COARSE PITCH, STEEL PROPERTY CLASS 4.6 (M8 - M72)

1.0 DESIGNATION:

A product Gr:C, foundation steel bolt of thread M20 and length 250mm, coarse pitch, type-A, and conforming to property class 4.6 shall be designated as:

1.1 On drawings:

- i) Material specification column : AA 711 51 90
- ii) Description column : BOLT FDN AC M20 X 150-4.6

1.2 On indents:

Bolt foundation AC M20 x 250-4.6: AA 711 51 90.

1.3 For issuing enquiries and on purchase orders:

While issuing enquiries and purchase orders, delete BHEL standard number from above description and add the information given under clause 2.0:

2.0 COMPLIANCE WITH STANDARDS:

2.1 Dimensions, Tolerances & General Requirements:

As per IS:5624-1993, Type-A.

2.2 Mechanical properties:

To conform to property class 4.6, as specified in Table-3 of IS:1367, Part 3-2002.

2.3 Threads:

Pitch-coarse to IS:4218, Part 2.
Tolerance quality - Medium.
Tolerance class - 8g.

2.4 Identification Marking:

As stated in clause 9 of IS:1367, Part 3.

2.5 Finish: Plated as specified in BHEL order.

Revisions :

Cl. 25.2.9 of MOM of WG-F

APPROVED :

INTERPLANT
STANDARDIZATION COMMITTEE (WG-F)

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3.0 NOTE:

- 3.1 Length and diameter combination (refer Table on page 3 of 3) between the bold lines should only be used.
- 3.2 For screw threads, general (Metric) refer to BHEL standard AA 023 18 00.
- 3.3 Weights given in this standard are for general reference only and are not meant for commercial transactions.
- 3.4 When fasteners are to be tested within BHEL, the sampling and acceptance plan shall be as per IS:1367, Part 17.

4.0 REFERRED STANDARDS (Latest publications including amendment):

- | | | |
|------------------------|-------------------|-----------------|
| 1) AA 023 18 00 | 2) AA 023 18 50 | 3) AA 023 18 52 |
| 4) IS: 1367, Pt 3 & 17 | 5) IS: 4218, Pt.2 | 6) IS:5624 |

EXPLANATORY NOTE:

The following changes have been made in this revision:

- In clause 2.2, year of IS:1367-Part3 is modified.

