



CORPORATE STANDARD

AA 715 11 11

Rev. No. 05

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NUTS, HEXAGON, COARSE PITCH, STEEL, PRODUCT Gr: C, PROPERTY CLASS 14 H (M42 - M72)

1.0 DESIGNATION:

A Product Gr: C steel nut, thread M42, coarse pitch, and conforming to property class 14 H shall be designated as:

1.1 On drawings:

- i) Material specification column : AA 715 11 11
- ii) Description column : NUT HEX C M42 - 14H.

1.2 On indents:

Nut Hex C M42 -14H: AA 715 11 11.

1.3 For issuing enquiries and on purchase orders:

While issuing enquiries and purchase orders, enclose a copy of this BHEL standard.

2.0 COMPLIANCE WITH STANDARDS:

2.1 Dimensions, Tolerances & General Requirements:

As per BHEL standard AA 715 11 11.

2.2 Mechanical properties:

To conform to property Class 14H, as specified in table 4 of IS: 1367, Part.7-1980.

2.3 Threads:

Pitch-coarse to IS:4218, Part 2-1976.
Tolerance quality - Medium.
Tolerance class – 7H.

2.4 Identification Marking

Property class 14H, as per Cl. 9 of IS: 1367, Part.6.

2.5 Finish: Plated as specified in BHEL order.

Revisions :

Cl. 25.2.4 of MOM of WG-F

APPROVED :

INTERPLANT
STANDARDIZATION COMMITTEE (WG-F)

Rev. No. 05

Amd.No.

Prepared

Issued

Dt. of 1st Issue

Dt:01.10.2004

Dt :

Year :

HYDERABAD

Corp. R&D

January, 1977

**3.0 NOTE:**

3.1 For screw threads, general (Metric) refer to BHEL standard AA 023 18 00.

3.2 For tolerance grade, position and class refer to BHEL standard AA 023 02 01.

3.3 Nuts to this standard would be unplated, divisions wishing to have plated Screws would have to get them plated.

3.4 When fasteners are to be tested with in BHEL, the sampling and acceptance plan shall be as per IS:1367, Part 17.

4.0 REFERRED STANDARDS (Latest publications including amendments):

- 1) IS: 1367 Pt. 6, 7 & 17 2) IS: 4218, Pt 2 3) AA 023 18 00
4) AA 023 02 01

EXPLANATORY NOTE:

The following changes have been made in the revision:

- In Cl. 2.1 and 4.0, the reference of IS:3138 is deleted.

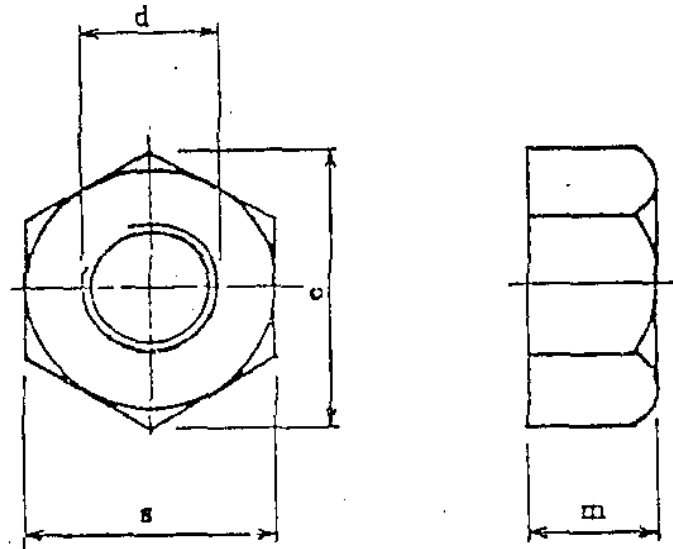


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All dimensions are in mm

SIZE	FLATS	CORNER	THICKNESS	SUB-CODE / WEIGHT	
	s $h 15$ Max./Min.	e Max.	m $h 15$ Max./Min.		
M 42	65.00/63.80	75.0	34.00/33.00	010	/ 643.0
M 48	75.00/73.80	86.5	38.00/37.00	029	/ 968.0
(M 52)	80.00/78.80	92.4	42.00/41.00		
M 56	85.00/83.80	98.0	45.00/44.00	037	/ 1420.0
M 64	95.00/93.60	110.0	51.00/49.80	045	/ 1951.0
M 68	100.00/98.60	116.0	54.00/52.80		
M 72	105.00/103.60	121.0	58.00/56.80		

NOTE: 1. Corporate subcode numbers are shown above.

2. Weights have been shown in Kg. per 1000 Nos.