



CORPORATE STANDARD

AA 717 10 01

Rev. No. 05

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PINS, CYLINDRICAL, STEEL, UNHARDENED (TOLERANCE m6)

1.0 DESIGNATION:

A cylindrical pin of nominal diameter 8mm, tolerance on diameter m6 and nominal length 65mm shall be designated as :

1.1 On drawings:

- i) Material specification column : AA 717 10 01.
- ii) Description column : PIN CYL RND END 8M6x65-ST

1.2 On indents:

Pin cylindrical 8m6x65: AA 717 10 01.

1.3 For issuing enquiries and on purchase orders:

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

2.0 COMPLIANCE WITH STANDARDS:

2.1 Dimensions, Tolerances and General requirements:

As per IS:2393-1980(RA 2006), Table-1.

2.2 Material:

Carbon steel with minimum tensile strength of 500 N/mm² as specified in IS:5517.

2.3 Finish:

Free from burrs, scales and tool marks. The surface finish of the various surfaces shall be as shown in Table-1 of IS:2393.

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CS-895

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**3.0 NOTE:**

- 3.1 Sizes (refer Table-1 on page 3 of 3) between the bold lines should only be used.
- 3.2 Weights given in this standard are for general reference only and are not meant for commercial transactions.
- 3.3 When the fasteners are to be tested within BHEL, the following sampling plan based on IS:6821 (Table-2) shall be followed as detailed below for physical properties.

| LOT SIZE | SAMPLE SIZE | ACCEPTANCE NOS. |
|-------------|-------------|-----------------|
| Up to 1000 | 5 | 0 |
| 1001 -3000 | 8 | 0 |
| 3001 -10000 | 13 | 0 |
| 10001-35000 | 20 | 0 |
| over 35000 | 32 | 1 |

4.0 REFERRED STANDARDS (Latest publications including amendment):

- 1) IS:2393 2) IS:5517 3) IS:6821

