



CORPORATE STANDARD

AA 717 10 89

Rev. No. 05

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PINS, SPLIT, STEEL

1.0 DESIGNATION:

A split pin of nominal size 5mm, nominal length 50mm and made of steel shall be designated as:

1.1 On drawings:

- i) Material specification column : AA 717 10 89.
- ii) Description column : PIN SPLIT 5 X 50-ST

1.2 On indents:

Pin split 5x50: AA 717 10 89.

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:549-2005, Reaffirmed 2006 Table - 1.

2.2 Material:

Half round mild steel wire, as per IS:10794

2.3 Threads:

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

2.4 Finish:

The end of each leg shall be beveled and shall be free from burrs. The eyes shall be as round in shape as possible and shall bend into the legs without sharp notches.

Revisions :

As per Cl. 29.3.4 of 29th 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-1 on page 3 of 3) between the bold lines should only be used.
- 3.2** Nominal length (L) is the distance from underside of the eye to the extreme end of the short leg.
- 3.3** Nominal size is the diameter of the hole for receiving the split pin.
- 3.4** Weights given in this standard are for general reference only and are not meant for commercial transactions.
- 3.5** When fasteners are to be tested within BHEL, sampling and acceptance plan as per IS:6821, (Table-2) shall be followed as detailed below for physical properties:

LOT SIZE	SAMPLE SIZE	ACCEPTANCE No
Upto 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 amendments):

1) IS:549

2)IS: 6821

3)IS:10794

4) IS:4218



EXPLANATORY NOTE:

The following changes have been made in this revision:

- Cl 2.1 is modified as year of IS:549 - 2005 Reaffirmed 2006 Table - 1
- In Cl 3.5, Text re-framed
- In Cl 4.0, Standard no. added