

4.4 Weight

The average weight of a bobbin in a lot shall be as agreed to between the buyer and the seller.

A tolerance of ± 4 percent on the agreed weight of the bobbin shall, however, be permissible.

5 SAMPLING**5.1 Lot**

All the bobbins of the same type and manufactured from the same material under essentially similar conditions supplied to one buyer against one despatch note shall constitute a lot.

5.2 The conformity of a lot to the requirements of this standard shall be determined on the basis of the tests carried out on the samples selected from it.

5.3 Unless otherwise agreed to between the buyer and the seller, the samples shall be selected as prescribed in 5.4 and 5.5.

5.4 The number of packages to be selected from a lot shall depend on the size of the lot and shall be in accordance with col (2) and col (3) of Table 1. The packages so selected shall constitute the gross sample.

Table 1 Sample Size and Permissible Number of Non-conforming Bobbins

(Clauses 5.4 and 5.5)

↳ Not in Italic

| Sl No. | No. of Packages in the Lot | No. of Packages to be Selected (Gross Sample) | No. of Bobbins to be Selected for Testing Dimensions and Concentric | Permissible No. of Non - confirming Bobbins Amongst those Selected as in Col (4) | No. of Bobbins to be Selected for Testing Other Requirements from Amongst those Selected as in Col (4) | Permissible No. of Non - confirming Bobbins Amongst those Selected as in Col (6) |
|--------|----------------------------|---|---|--|--|--|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| i) | Up to 3 | All | 200 | 4 | 20 | 0 |
| ii) | 4 to 6 | 4 | 315 | 5 | 30 | 0 |
| iii) | 7 to 14 | 5 | 500 | 7 | 40 | 1 |
| iv) | 15 and above | 10 | 800 | 9 | 50 | 2 |

5.5 The number of bobbins to be tested and the criterion for conformity for each of the characteristics shall be as follows:

| Sl No. | Characteristic | No. of Bobbins to be Tested | Criterion for Conformity |
|--------|---|--|---|
| (1) | (2) | (3) | (4) |
| i) | Dimensions and concentricity | According to col (4) of Table 1 | Non-conforming bobbins not to exceed the corresponding number given in col (5) of Table 1 |
| ii) | Workmanship, smoothness of surface and freedom from defects | According to col (6) of Table 1 | Non-conforming bobbins not to exceed the corresponding number given in col (7) of Table 1 |
| iii) | Weight | Two sets of specified number of bobbins from each package if the gross sample consists of 5 or less packages, or one set of specified number of bobbins from each package if the gross sample consists of more than 5 packages | Each observed value satisfies the requirement |