

Indian Standard
**SPECIFICATION FOR
BEARING SPOOLS FOR
TRACTOR-OPERATED DISC HARROWS**

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 30 July 1982, after the draft finalized by the Soil Working Equipment Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 Bearing spools are used for separating end discs in a gang of disc harrow. Normally two bearing spools are used in a gang, Bearing spools also help in attaching the gang with the frame. It consists of bearing spool, upper half bearing and lower half bearing. Provision for the lubrication is also made. In order to unify the dimensions for ensuring interchangeability as well as to stipulate other quality parameters of the bearing spools, a need was felt to prepare this Indian Standard. Requirements for plain spools of the disc harrows have been covered in IS : 7230-1974*.

0.2.1 This standard is complimentary to IS : 6635-1972†.

0.3 In preparation of this standard, assistance has been derived from Light Carts Private Limited, Meerut.

0.4 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS : 2-1960‡. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard specifies material, dimension and other requirements for bearing spools for tractor-operated disc harrows.