

(PREVIEW)

IS : 4366 (Part 1) – 1985

Indian Standard

SPECIFICATION FOR AGRICULTURAL TILLAGE DISCS

PART 1 CONCAVE TYPE

(Second Revision)

1. SCOPE

1.1 This standard (Part 1) specifies the materials, dimensions and other requirements for agricultural tillage discs, concave type.

FOREWORD

0.1 This Indian Standard (Part 1) (Second Revision) was adopted by the Indian Standards Institution on 28 January 1985, after the draft finalized by the Soil Working Equipment Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 This standard was first published in 1967 and subsequently revised in 1972. This second revision incorporates certain improvements in the agricultural tillage discs found necessary in the light of the modifications suggested by testing authorities and the manufacturers. Advantage has also been taken to update the standard regarding terminology, material and method of testing, and incorporating an amendment to its 1972 version.

0.2.1 The concerned Committee also decided to incorporate the deflection and impact values for the nominal sizes 510 mm, 560 mm and 610 mm in this revision. The impact and deflection values for other sizes would be incorporated later.

0.3 For the guidance of purchaser, specification sheet is given in Appendix A. This should be filled in accordance with the agreement between the manufacturer and the purchaser.

0.4 Though efforts have been made to keep this standard in line with ISO 5679-1979 'Specification for Disks equipment for working the soil — Classification main fixing dimensions', this standard deviates from the International Standard for the following requirements:

- a) Radius of concavity,
- b) Cutting edge bevelling, and
- c) Sizes.

0.5 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.

*Rules for rounding off numerical values (*revised*)

