

## *Indian Standard* ISO MINIATURE SCREW THREADS

### **1 Scope**

This International Standard specifies the profiles, diameter-pitch combinations, basic dimensions, tolerances, limits of size and designation for ISO miniature screw threads with nominal diameters from 0,3 mm to 1,4 mm. These threads are applicable to timepieces, optical instruments, electrical meters, measuring instruments, etc.

The profiles and tolerance system for ISO miniature screw threads (S) differ from the profile and tolerance system for ISO general purpose metric screw threads (M).

For threads with nominal diameters from 1 mm to 1,4 mm, designers shall decide to use ISO general purpose metric screw threads (M) or ISO miniature screw threads (S). ISO miniature screw threads are shown in Annex A.

Annex C illustrates the differences in miniature screw threads between the ISO International Standards and those of certain countries.

### **2 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 5408:—<sup>1</sup>, *Screw threads — Vocabulary*