

ISO 965-1:2026-04 (E)

ISO general purpose metric screw threads - Tolerances - Part 1: Principles and basic data

Contents

Page

Foreword.....	iv
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Symbols.....	1
5 Tolerance system.....	2
6 Tolerance positions.....	2
7 Tolerance grades.....	5
8 Length groups of thread engagement.....	9
9 Recommended tolerance classes.....	10
9.1 General.....	10
9.2 Tolerance quality.....	11
9.3 Preference order.....	11
9.4 Combination of internal and external threads.....	11
10 Coated threads.....	11
11 Multiple-start threads.....	12
12 Root contours and truncations.....	12
12.1 General.....	12
12.2 Internal threads.....	12
12.3 External threads.....	12
13 Designation.....	14
13.1 General.....	14
13.2 Designation of single-start threads.....	14
13.3 Designation of multiple-start threads.....	16
13.4 Designation of left-hand threads.....	16
13.5 Designation of coated threads.....	16
Annex A (informative) Tolerance formulae.....	17
Annex B (informative) Formulae for the minor diameters of external threads.....	20
Bibliography.....	21