ISO Standards Handbook:

Fasteners and screw threads

Volume 1: Terminology and nomenclature, General reference standards


Contents

Part 1: Terminology and nomenclature

ISO 1891:1979 Bolts, screws, nuts and accessories — Terminology and nomenclature
ISO 5408:1983 Cylindrical screw threads — Vocabulary

Part 2: General reference standards

2.1 ISO metric screw threads

ISO 262:1998 ISO general purpose metric screw threads — Selected sizes for screws, bolts and nuts
ISO 724:1993 ISO general-purpose metric screw threads — Basic dimensions
ISO 965-4:1998 ISO general purpose metric screw threads — Tolerances — Part 4: Limits of sizes for hot-dip galvanized external screw threads to mate with internal screw threads tapped with tolerance position H or G after galvanizing
ISO 965-5:1998 ISO general purpose metric screw threads — Tolerances — Part 5: Limits of sizes for internal screw threads to mate with hot-dip galvanized external screw threads with maximum size of tolerance position h before galvanizing
ISO 1502:1996 ISO general-purpose metric screw threads — Gauges and gauging

2.2 Technical drawings for screw threads and threaded parts

2.3 Special screw threads
ISO 1478:1983 Tapping screws thread

2.4 Variations of forms, dimensions and designation
ISO 225:1983 Fasteners — Bolts, screws, studs and nuts — Symbols and designations of dimensions
ISO 272:1982 Fasteners — Hexagon products — Widths across flats
ISO 273:1979 Fasteners — Clearance holes for bolts and screws
ISO 885:2000 General purpose bolts and screws — Metric series — Radii under the head
ISO 888:1976 Bolts, screws and studs — Nominal lengths, and thread lengths for general purpose bolts
ISO 3508:1976 Thread run-outs for fasteners with thread in accordance with ISO 261 and ISO 262
ISO 4753:1999 Fasteners — Ends of parts with external metric ISO thread
ISO 4755:1983 Fasteners — Thread undercuts for external metric ISO threads
ISO 4757:1983 Cross recesses for screws
ISO 7378:1983 Fasteners — Bolts, screws and studs — Split pin holes and wire holes
ISO 7721:1983 Countersunk head screws — Head configuration and gauging
ISO 7721-2:1990 Countersunk flat head screws — Part 2: Penetration depth of cross recesses
ISO 8991:1986 Designation system for fasteners
ISO 10664:1999 Hexalobular internal driving feature for bolts and screws

2.5 Tolerances of fasteners

2.6 General requirements and mechanical properties of fasteners
Fasteners and screw threads, Ed. 5, Vol. 1

2.7 Testing and acceptance inspection

ISO 3269:2000  Fasteners — Acceptance inspection
ISO 3800:1993  Threaded fasteners — Axial load fatigue testing — Test methods and evaluation of results
ISO 8749:1986  Pins and grooved pins — Shear test
ISO 10484:1997  Widening test on nuts
ISO 10485:1991  Cone proof load test on nuts
ISO 15330:1999  Fasteners — Preloading test for the detection of hydrogen embrittlement — Parallel bearing surface method