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Standard

ISO 10512:2025**Fasteners — Prevailing torque hexagon nuts — Regular nuts (with non-metallic insert), with fine pitch thread**

This document specifies the characteristics of prevailing torque hexagon regular nuts (with non-metallic insert), in steel and stainless steel, with metric fine pitch thread 8 mm to 39 mm, and with product grades A and B. NOTE These nuts are designed with an overall height equal to mm_{min} (as specified in ...)

Published

Standard

ISO 2320:2015**Fasteners — Prevailing torque steel nuts — Functional properties**

ISO 2320:2015 specifies the functional properties for prevailing torque steel nuts when tested at an ambient temperature range of +10 °C to +35 °C. It includes a combined test method to determine the prevailing torque properties and the torque/clamp force properties at the same time. It applies to prevailing ...

Published

Standard

ISO 8740:2025**Fasteners — Parallel grooved pins, with chamfer point — Full-length diamond grooves**

This document specifies the characteristics of parallel grooved pins with chamfer point and full-length diamond grooves (with open ends), in steel and stainless steel, and with nominal diameter 1 mm to 25 mm. These grooved pins are designed to fulfil the main following function: locking together two or more parts, ...

Published

Standard

ISO 13669:2025**Fasteners — Grooved pins — General requirements**

This document specifies the general characteristics of grooved pins, made of steel and stainless steel, with nominal diameters 1 mm to 25 mm. These grooved pins are designed to fulfil the main following functions, due to the elastic fit behaviour of the grooves: — locking of two (or more) parts, — ...

Published

Standard

ISO 3506-3:2025**Fasteners — Mechanical properties of corrosion resistant stainless steel fasteners — Part 3: Set screws (and similar fasteners not under tensile stress) with specified grades and hardness classes**

This document specifies the mechanical and physical properties of set screws and similar fasteners not under tensile stress, made of corrosion resistant austenitic and duplex stainless steels, with specified grades and hardness classes. ISO 3506-6 provides general rules and additional technical ...

Published

Standard

ISO 3506-4:2025**Fasteners — Mechanical properties of corrosion-resistant stainless steel fasteners — Part 4: Tapping screws with specified grades and hardness classes**

This document specifies the mechanical and physical properties of tapping screws made of corrosion resistant austenitic, martensitic, ferritic and duplex stainless steels, with specified grades and hardness classes. ISO 3506-6 provides general rules and additional technical information on suitable stainless steels ...

Published

Standard

ISO 7720:2025**Fasteners — Prevailing torque hexagon nuts — High nuts (all metal) with slot(s)**

This document specifies the characteristics of prevailing torque (all metal) hexagon high nuts with slot(s), in steel and stainless steel, with metric coarse pitch thread M5 to M39, and with product grades A and B. NOTE These nuts are designed with mm_{min} as specified ISO 4032 and with an overall height h ...

Published

Standard

ISO 7042:2025**Fasteners — Prevailing torque hexagon nuts — High nuts (all metal)**

This document specifies the characteristics of prevailing torque (all metal) hexagon high nuts, in steel and stainless steel, with metric coarse pitch thread M5 to M39, and with product grades A and B. NOTE These nuts are designed with an overall height $h_{min} = mm_{min}$ (as specified in ISO 898-2 and ...

Published

Standard

ISO 8741:2025**Fasteners — Reverse-taper grooved pins — Half-length progressive grooves**

This document specifies the characteristics of reverse-taper grooved pins with half-length progressive grooves (with closed ends), in steel and stainless steel, and with nominal diameter 1 mm to 25 mm. These grooved pins are designed to fulfil the main following functions: — positioning or guiding, and — ...

Published

Standard

ISO 7041:2025**Fasteners — Prevailing torque hexagon nuts — High nuts (with non-metallic insert)**

This document specifies the characteristics of prevailing torque hexagon high nuts (with non-metallic insert), in steel and stainless steel, with metric coarse pitch thread M5 to M39, and with product grades A and B. NOTE These nuts are designed with an overall height equal to mm_{min} (as specified in ISO ...

Published

Standard

ISO 13670:2025**Fasteners — Reverse-taper grooved pins — One quarter-length progressive grooves on both sides**

This document specifies the characteristics of reverse-taper grooved pins with one quarter-length progressive grooves on both sides (with closed ends), in steel and stainless steel, and with nominal diameters 2 mm to 25 mm. These grooved pins are designed to fulfil the main following functions: — positioning or guiding, and — ...

Published

Standard

ISO 3506-1:2020**Fasteners — Mechanical properties of corrosion-resistant stainless steel fasteners — Part 1: Bolts, screws and studs with specified grades and property classes**

This document specifies the mechanical and physical properties of nuts, with coarse pitch thread and fine pitch thread, made of corrosion-resistant stainless steels, when tested at the ambient temperature range of 10 °C to 35 °C. It specifies property classes in relation to austenitic, martensitic, ferritic and ...

Published

Standard

ISO 7719:2025**Fasteners — Prevailing torque hexagon nuts — Regular nuts (all metal)**

This document specifies the characteristics of prevailing torque (all metal) hexagon regular nuts, in steel and stainless steel, with metric coarse pitch thread M5 to M39, and with product grades A and B. NOTE These nuts are designed with an overall height $h_{min} = mm_{min}$ (as specified in ISO 898-2 and ...

Published

Standard

ISO 8746:2025**Fasteners — Grooved pins with round head — Full-length diamond grooves**

This document specifies the characteristics of grooved pins with round head, full-length diamond grooves and pilot point or chamfered point, in steel and stainless steel, and with nominal diameter 2 mm to 20 mm. These grooved pins are designed to fulfil the main following function: locking together two or more ...

Published

Standard

ISO 7040:2025**Fasteners — Prevailing torque hexagon nuts — Regular nuts (with non-metallic insert)**

This document specifies the characteristics of prevailing torque hexagon regular nuts (with non-metallic insert), in steel and stainless steel, with metric coarse pitch thread M3 to M39, and with product grades A and B. NOTE These nuts are designed with an overall height equal to mm_{min} (as specified in ...

Published

Standard

ISO 8744:2025**Fasteners — Taper grooved pins — Full-length progressive grooves**

This document specifies the characteristics of taper grooved pins with full-length progressive grooves (with closed end at the insertion side), in steel and stainless steel, and with nominal diameter 1 mm to 25 mm. These grooved pins are designed to fulfil the main following function: locking together two or more ...

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