

STN	Letectvo a kozmonautika Tesné kolíky so zmenšenou 100° zapustenou hlavou, typ strih, zo zliatiny hliníka 7050, s konverzným povlakom Palcový rad	STN EN 6050 31 4381
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Aerospace series - Pin, close tolerance, swage locking, 100° countersunk reduced head, shear type, in aluminium alloy 7050, conversion coating - Inch series

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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EUROPEAN STANDARD

EN 6050

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Aerospace series - Pin, close tolerance, swage locking, 100° countersunk reduced head, shear type, in aluminium alloy 7050, conversion coating - Inch series

Série aérospatiale - Rivet de précision, à bague sertie, à tête fraisée 100° réduite, type cisaillement, en alliage d'aluminium 7050, revêtement de conversion - Série en inches

Luft- und Raumfahrt - Passniete für Quetschverriegelung mit reduziertem Senkkopf 100°, für Scherbeanspruchung, aus Aluminiumlegierung 7050, Schmierfilm behandelt - Zoll-Reihe

This European Standard was approved by CEN on 26 October 2025.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 6050:2025 (E)

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European foreword

This document (EN 6050:2025) has been prepared by ASD-STAN.

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2026, and conflicting national standards shall be withdrawn at the latest by June 2026.

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EN 6050:2025 (E)**1 Scope**

This document specifies the characteristics of close tolerance pins, swage locking, 100° countersunk reduced head, shear type, in aluminium alloy 7050-T73 with chemical film, inch series, with a maximum operating temperature of 80 °C for aerospace applications.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN 2424, *Aerospace series — Marking of aerospace products*

EN 6051, *Aerospace series — Collar, swage locking, shear type, in aluminium alloy 3003, conversion coating — Inch series*

EN 6052, *Aerospace series — Rivet-collar-system, aluminium alloy, shear type, inch series — Technical Specification*

EN 6054, *Aerospace series — Collar, swage locking, shear type, in aluminium alloy 6061, conversion coating — Inch series*

EN 6117,¹ *Aerospace series — Specification for lubrication of fasteners with cetyl alcohol*

ANSI/ASME B32.100,² *Preferred Metric Sizes for Flat, Round, Square, Rectangle, and Hexagon Metal Products*

FED-SPEC QQ-A-430,³ *Aluminum Alloy Rod and Wire; for Rivets and Cold Heading//Inactive for new design*

MIL-DTL-5541,³ *Chemical Conversion Coatings on Aluminum and Aluminum Alloys*

SAE AS87132,⁴ *Lubricant, Cetyl Alcohol, 1-Hexadecanol, Application to Fasteners*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ Published as ASD-STAN prEN at the date of publication of this document, available at: <https://www.asd-stan.org/>.

² Published by American Society of Mechanical Engineers (ASME), available at: <https://www.asme.org/>.

³ Published by Department of Defense (DoD), available at: <https://assist.dla.mil/online/start/>.

⁴ Published by Society of Automotive Engineers (SAE), available at: <https://www.sae.org/>.