ICS 49.030.99 SLOVENSKÁ TECHNICKÁ NORMA Apríl 2026

STN	**Letectvo a kozmonautika Krúžky, typ strih, zo zliatiny hliníka 3003, s konverzným povlakom Palcový rad**	**STN EN 6051 31 3539**

Aerospace series - Collar, swage locking, shear type, in aluminium alloy 3003, conversion coating - Inch series

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/26

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 6051

December 2025

ICS 49.030.99

English Version

Aerospace series - Collar, swage locking, shear type, in aluminium alloy 3003, conversion coating - Inch series

Série aérospatiale - Bague à sertir, type cisaillement, en alliage d'aluminium 3003, revêtement de conversion - Série en inches

Luft- und Raumfahrt - Schließring für Quetschverriegelung, für Scherbeanspruchung, aus Aluminiumlegierung 3003, Schmierfilm behandelt - Zoll-Reihe

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European foreword

This document (EN 6051:2025) 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of an identical text or by endorsement, at the latest by June 2026, and conflicting national standards shall be withdrawn at the latest by June 2026.

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1 Scope

This document specifies the characteristics of a collar, swage locking, shear type, in aluminium alloy 3003, with a maximum operating temperature of 80 °C for aerospace applications. This document is applicable in combination with EN 6050, EN 6100 or EN 6120.

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

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

FED-SPEC QQ-A-430,[2] *Aluminum Alloy Rod and Wire; for Rivets and Cold Heading*

MIL-DTL-5541,[2] *Chemical Conversion Coatings on Aluminum and Aluminum Alloys*

SAE AS87132,[3] *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 Department of Defense (DoD), available at: https://assist.dla.mil/online/start/.
[3] Published by Society of Automotive Engineers (SAE), available at: https://www.sae.org/.