ICS 49.080 SLOVENSKÁ TECHNICKÁ NORMA Október 2017

STN	**Letectvo a kozmonautika Prírubové spojky Otočná príruba s 3 upevňovacími otvormi zo zliatiny niklu Palcový rad**	**STN EN 4802 31 3605**

Aerospace series - Flange couplings - Swivel flange with 3 fastening holes, in nickel alloy - 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

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English Version

Aerospace series - Flange couplings - Swivel flange with 3 fastening holes, in nickel alloy - Inch series

Série aérospatiale - Raccordement à bride - Brides flottantes avec 3 trous de fixation, en alliage de nickel - Série en inches

Luft- und Raumfahrt - Rohrverschraubung mit Flanschen - Lose Flansche mit 3 Befestigungslöchern, aus Nickellegierung - Inch-Reihe

This European Standard was approved by CEN on 21 November 2016.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN 4802:2017) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this European Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, 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of an identical text or by endorsement, at the latest by November 2017, and conflicting national standards shall be withdrawn at the latest by November 2017.

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1 Scope

This European Standard specifies the characteristics of swivel flanges, 3 holes, for flange couplings in nickel alloy for inch series aerospace applications.

Nominal pressure: up to 21 000 kPa; depends on the associated seal, tube material, tube diameter and tube wall thickness in the assembly (see EN 4814).

NOTE Assembly in accordance with TR 4815.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 2516, *Aerospace series — Passivation of corrosion resisting steels and decontamination of nickel base alloys*

EN 3671, *Aerospace series — Heat resisting alloy NI-PH3601 (NiCr22Mo9Nb) — Non heat treated — Forging stock — a or D ≤ 250 mm*

EN 4376, *Aerospace series — Heat resisting alloy NiCr19Fe19Nb5Mo3 (2.4668) solution treated and precipitation treated — Bar and section — D_e ≤ 200 mm*

EN 4377, *Aerospace series — Heat resisting alloy NiCr19Fe19Nb5Mo3 (2.4668) — Non heat treated — Forging stock — a or D ≤ 300 mm*

EN 4379, *Aerospace series — Heat resisting alloy NI-PH3601 (NiCr22Mo9Nb) — Solution treated, forging D_e ≤ 200 mm*

EN 4380, *Aerospace series — Heat resisting alloy NI-PH3601 (NiCr22Mo9Nb) — Solution treated — Bar and section — D_e ≤ 200 mm*[1)]

EN 4814, *Aerospace series — Flange couplings up to 21 000 kPa — Technical specification — Inch series*

EN 9100, *Quality Management Systems — Requirements for Aviation, Space and Defense Organizations*

TR 4815, *Aerospace series — Flange couplings up to 21 000 kPa — Design standard — Inch series*[2)]

1) Published as ASD-STAN Prestandard at the date of publication of this European Standard. (http://www.asd-stan.org/)

2) Published as ASD-STAN Technical Report at the date of publication of this European Standard. (http://www.asd-stan.org/)