



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 3913:2007

ICS 49.030.30

**AEROSPACE SERIES - INSERT, THIN WALL,
SELF-LOCKING, SHORT, IN HEAT RESISTING
NICKEL BASE ALLOY NI-PH2601 (NI-P100HT,
INCONEL 718), SILVER PLATED ON
INTERNAL THREAD, FOR SALVAGE OF
COMPONENTS**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales
<http://www.standards.ie>

*This Irish Standard was
published under the authority
of the National Standards
Authority of Ireland and
comes into effect on:
28 May 2007*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2007

Price Code D

Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3913

April 2007

ICS 49.030.30

English Version

**Aerospace series - Insert, thin wall, self-locking, short, in heat
resisting nickel base alloy NI-PH2601 (Ni-P100HT, Inconel 718),
silver plated on internal thread, for salvage of components**

Série aérospatiale - Douilles filetées, à paroi mince, à
freinage interne, courtes, en alliage résistant à chaud à
base de nickel NI-PH2601 (NI-P100HT, Inconel 718),
argentées sur filetage intérieur, pour récupération

Luft- und Raumfahrt - Gewindeeinsätze, dünnwandig,
selbstsichernd, kurz, aus hochwarmfester
Nickelbasislegierung NI-PH2601 (NI-P100HT, Inconel 718),
Innengewinde versilbert, zur Nacharbeit von Bauteilen

This European Standard was approved by CEN on 28 August 2006.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents		Page
Foreword.....		3
Introduction		4
1	Scope	4
2	Normative references	4
3	Required characteristics	5
4	Designation	6
5	Marking and Identification	6
6	Technical specification	6

Foreword

This document (EN 3913:2007) 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 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 October 2007, and conflicting national standards shall be withdrawn at the latest by October 2007.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

For design and installation procedures see EN 3298 and EN 3916.

1 Scope

This standard specifies the characteristics of short, self-locking, thin wall salvage inserts with silver plated internal thread, in NI-PH2601 (NI-P100HT), for aerospace applications.

Maximum test temperature 550 °C.

2 Normative references

The following referenced documents are indispensable for the application 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.

ISO 965-1, *ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data*.

ISO 5855-2, *Aerospace — MJ threads — Part 2: Limit dimensions for bolts and nuts*.

EN 2404 ¹⁾, *Heat resisting nickel base alloy NI-P100HT — Solution treated and precipitation treated — Bars — Aerospace series*. ²⁾

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

EN 2786, *Aerospace series — Electrolytic silver plating of fasteners*. ³⁾

EN 3298, *Aerospace series — Inserts, thin wall, self-locking — Installation and removal procedure*.

EN 3915, *Aerospace series — Insert, thin wall, self-locking, Mj threads, in heat resisting nickel base alloy NI-PH2601 (NI-P100HT, Inconel 718), for salvage of components — Classification: 1 275 MPa (at ambient temperature) / 550 °C — Technical specification*. ³⁾

EN 3916, *Aerospace series — Insert, thin wall — Salvage procedure for components*. ³⁾

EN 4376, *Aerospace series — Heat resisting alloy NI-PH2601 (NiCr19Fe19Nb5Mo3) — Solution treated and precipitation treated — Bar and section — $D_e \leq 200$ mm*. ³⁾

EN 4377, *Aerospace series — Heat resisting alloy NI-PH2601 (NiCr19Fe19Nb5Mo3) — Non heat treated — Forging stock — a or $D \leq 300$ mm*. ³⁾

TR 3198, *Aerospace series — Manufacturers' identification monograms and marks for EN aerospace products*. ⁴⁾

1) Inactive for new designation, see EN 4376 and EN 4377.

2) Published as ASD Standard at the date of publication of this standard.

3) Published as ASD Prestandard at the date of publication of this standard.

4) Published as ASD Technical Report at the date of publication of this standard.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-