

**Aerospace series —  
Pipe coupling 8°30'  
in titanium alloy —  
Elbows 90°, welded  
end with thrust wire  
nut**

ICS 49.080

## National foreword

This British Standard is the UK implementation of EN 4020:2009. It supersedes BS EN 4020:2001 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ACE/69, Aerospace hydraulic systems, fluids and components.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

**Compliance with a British Standard cannot confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 July 2009.

© BSI 2009

ISBN 978 0 580 57053 7

### Amendments/corrigenda issued since publication

Date	Comments

EUROPEAN STANDARD

**EN 4020**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2009

ICS 49.080

Supersedes EN 4020:2001

English Version

**Aerospace series - Pipe coupling 8°30' in titanium alloy - Elbows  
90°, welded end with thrust wire nut**

Série aérospatiale - Système de raccordement 8°30' en  
alliage de titane - Raccords coudés à 90° à souder, avec  
écrou à jonc

Luft- und Raumfahrt - Rohrverschraubung 8°30' aus  
Titanlegierung - Winkelverschraubungen 90° mit  
Anschweißende, mit Mutter mit Schubdraht

This European Standard was approved by CEN on 12 March 2009.

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: Avenue Marnix 17, B-1000 Brussels**