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**Aerospace series — Pipe coupling  
8°30' — Dynamic beam seal end  
for ferrule, welded — Geometric  
configuration**

*Série aéronautique - Système de raccordement 8°30' - Extrémité de  
joint à lèvres pour olive soudée - Configuration géométrique*

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by the Aerospace and Defence Industries Association of Europe – Standardization (ASD-STAN) as EN 3272:2001 and was adopted by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 10, *Aerospace fluid systems and components*.

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# Aerospace series — Pipe coupling 8°30' — Dynamic beam seal end for ferrule, welded — Geometric configuration

## 1 Scope

This document specifies the dimensions of the dynamic beam seal end for welded ferrules for pipe couplings 8°30', nominal pressure up to 28 000 kPa, 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 2656, *Aerospace series — Pipe coupling — Coupling ends, welded — Geometric configuration*

EN 3275, *Aerospace series — Pipe coupling 8°30' up to 28 000 kPa — Dynamic beam seal — Metric series — Technical specification*

## 3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at <http://www.electropedia.org/>

— ISO Online browsing platform: available at <http://www.iso.org/obp>

## 4 Required characteristics

### 4.1 Configuration — Dimensions

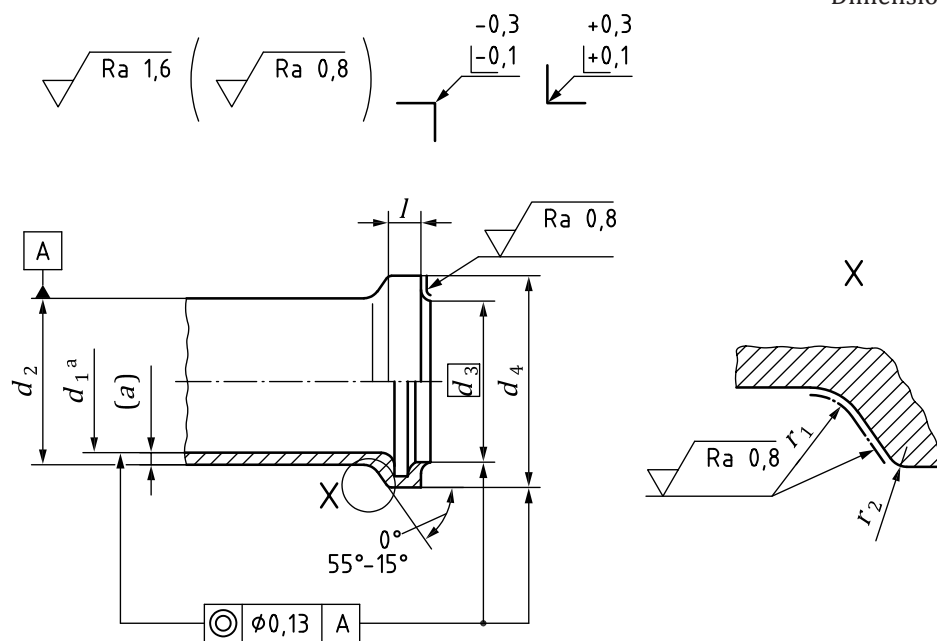
According to [Figure 1](#) and [Table 1](#).

Dimensions not specified are at the manufacturer's discretion, provided that the qualification and acceptance requirements of EN 3275, type II are met.

### 4.2 Surface roughness

According to [Figure 1](#), unless otherwise specified in the design documentation.

Dimensions in millimetres



a Diameter according to EN 2656.

**Figure 1**  
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