
INTERNATIONAL STANDARD



2563

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

**Aircraft ducting and piping — Profile dimensions for flanges
of V-band couplings**

Canalisations et tuyauteries à bord des aéronefs — Dimensions d'encombrement des brides à section en V pour raccords

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Descriptors : aircraft, aircraft equipment, pipe flanges, dimensions, pipe fittings.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up 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.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 2563 was drawn up by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, and circulated to the Member Bodies in August 1971.

It has been approved by the Member Bodies of the following countries :

Belgium	Italy	Thailand
Brazil	Japan	Turkey
Canada	Netherlands	United Kingdom
Czechoslovakia	Romania	U.S.A.
Egypt, Arab Rep. of	South Africa, Rep. of	
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The Member Body of the following country expressed disapproval of the document on technical grounds :

U.S.S.R.

Aircraft ducting and piping – Profile dimensions for flanges of V-band couplings

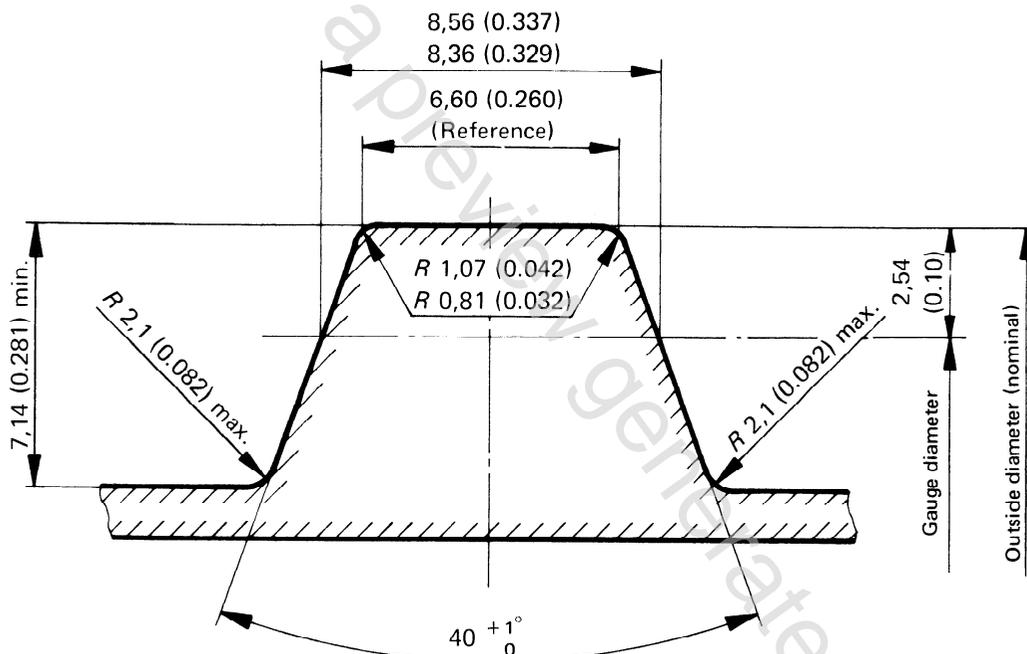
1 SCOPE AND FIELD OF APPLICATION

This International Standard gives the profile dimensions for flanges of V-band couplings for aircraft ducting and piping.

2 DIMENSIONS

The profile dimensions of a mating pair of flanges for V-band coupling shall comply with the figure.

Dimensions in millimetres
(inch values in parentheses)



NOTES

- 1 Gauge diameter = outside diameter (nominal) – 5,08 mm (0.200 in).
- 2 The mean width at gauge diameter is calculated using the 40° inclusive angle and 6,60 mm (0.260 in) dimension at the flange outer diameter.
- 3 Both flanges need not be symmetrical, and may be provided with "O" ring grooves or spigots at the option of the manufacturer.