UDC 629.7.063 : 621.643.06 - 762.4

Ref. No. : ISO/R 1077-1969 (E)

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION
R 1077

DIMENSIONS OF ELASTOMERIC TOROIDAL SEALING RINGS FOR PIPE-FITTINGS IN AIRCRAFT

(INCH SERIES – CLASS 1 TOLERANCES)

1st EDITION

May 1969

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ISO Recommendation R 1077 May 1969

DIMENSIONS OF ELASTOMERIC TOROIDAL SEALING RINGS FOR PIPE-FITTINGS IN AIRCRAFT

(INCH SERIES – CLASS 1 TOLERANCES)

1. SCOPE

This ISO Recommendation states the dimensions and a method of designation for a range of elastomeric toroidal sealing rings in inch sizes with Class 1 tolerances, suitable for use with pipe-fittings screwed into tapped bosses conforming to the dimensions stated in an ISO Recommendation at present in preparation. It does not make reference to materials to be used for the rings. Rings with Class 2 tolerances are the subject of ISO Recommendation R . . .*, *Dimensions of elastomeric toroidal sealing rings for pipe-fittings in aircraft (Inch series – Class 2 tolerances).*

2. DIMENSIONS

The dimensions of toroidal rings for use with pipe-fittings screwed into tapped bosses should comply with the Table opposite.

3. DESIGNATION

The sealing rings should be designated by the ring size numbers quoted in the Table opposite.

* At present Draft ISO Recommendation No. 1799.

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