



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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Review Document

Basic Details

1.	Sectional Committee No. & Title:	TED 14 - Air and Space Vehicles Sectional Committee
2.	IS No :	IS 13283 : 1991
3.	Title :	Aerospace - Self - Locking, hexagon nuts (MJ Series) - Strength classification 1100 mpa - Maximum operating temperature 425 degree c specification
4.	Date of Previous Review:	March, 2017

Review Analysis

5.1 Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.

S.No.	Standard (No.)	Standard (Title)	Whether the standard has since been revised	Major changes	Action proposed
1	ISO/D 8939	Aerospace Fasteners Nuts, hexagon, self-locking Strength classification 1 100 MPa Maximum operating temperature 235 degrees C	Document has been published and subsequently revised as ISO 7995:2002	ISO 7995:2002 specifies Nuts with increased temperature range (235 to 425 MPa)	Revised ISO standard may be adopted.

5.2 Status of standard referred in the IS.

S.No.	Referred standards (No.)	Referred standards (Title)	Since revised IS no. of the corresponding IS	Changes in the referred Standards since last review of IS	Changes in the referred standard which are affecting the standard under review	Action proposed
1	IS 10980 (Part 1): 1984	Aerospace bolts and nuts (MJ threads) : Part 1 Basic profile	IS 10980 (Part- 1): 2014 IS 10980 (Part-1) was first published in 1984 in two parts. The first revision of this standard has been undertaken with a view to bring it in line with the latest version of ISO 5855 published in three parts. Other parts of this series are: Part 2 Limit dimensions for bolts and nuts Part 3 Limit dimensions for fittings for fluid systems for aerospace construction.			Reference should be changed to IS 10980 (Part-1) : 2014

5.3 Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard).

S.No.	Standard (No.)	Standard (Title)	Provisions that could be relevant while reviewing the IS	Action proposed
No entry made in this table				

5.4 Technical comments on the standard received, if any.

S.No.	Source	Clause of IS	Comment	Action proposed
No entry made in this table				

5.5 Information available on relevant technical developments

S.No.	Source	Development	Relevant clause of the IS under review that is likely to be impacted (Clause & IS No.)	Action proposed
No entry made in this table				

5.6 Issues arising out of changes in any related IS or due to formulation of new Indian Standard.

S.No.	Related IS (revised or new)	Related IS Title	Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision	Changes that may be necessary in the Standards under review	Action proposed
No entry made in this table					

5.7 Any consequential changes to be considered in other IS.

S.No.	Related IS to get impacted	Related IS Title	Requirements to be impacted
No entry made in this table			

Other Details

6.	Any other observation:	
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7.	Upload Supporting Document(s)	
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7.1 ARP Report	67_4811_220906025651_ARP_Report.docx
7.2 Draft Document	No Document Uploaded

8.	Recommendations - On the basis of the analysis of the info available as mentioned above consideration of sectional committee is solicited on the following aspects of the IS under review:	It is proposed to revise the standard and adopt ISO 7995:2002
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