

BRITISH STANDARD

Unified screw threads –

Part 3: Screw threads with diameters below $\frac{1}{4}$ in – Requirements

ICS 21.040.20

Publishing and copyright information

The BSI copyright notice displayed in this document indicates when the document was last issued.

© BSI 2007

ISBN 978 0 580 57927 1

The following BSI references relate to the work on this standard:

Committee reference FME/9

Draft for comment 07/30158492 DC

Publication history

First published August 1965

Second edition, December 2007

Amendments issued since publication

Amd. no.	Date	Text affected
-----------------	-------------	----------------------

Contents

Foreword *iii*

1	Scope	<i>1</i>
2	Normative references	<i>1</i>
3	Terms and definitions and symbols	<i>1</i>
4	Thread profiles	<i>1</i>
5	Diameter/pitch combinations	<i>2</i>
6	Tolerance classes	<i>2</i>
7	Tolerances, allowances and limits of size for uncoated threads	<i>2</i>
8	Coated threads	<i>3</i>
9	Designation of threads	<i>4</i>
10	Gauges	<i>4</i>

Annexes

Annex A (normative) Unified screw threads below $\frac{1}{4}$ in diameter for attachment purposes and for general use in the aircraft industry *16*

Bibliography *17*

List of tables

Table 1	– Unified screw threads below $\frac{1}{4}$ in diameter, standard series	<i>5</i>
Table 2	– Unified screw threads below $\frac{1}{4}$ in diameter, standard series – Limits of size	<i>6</i>
Table 3	– Coarse thread series (UNC) below $\frac{1}{4}$ in diameter – Limits and tolerances for finished uncoated threads – External threads Class 2A	<i>8</i>
Table 4	– Coarse thread series (UNC) below $\frac{1}{4}$ in diameter – Limits and tolerances for finished uncoated threads – Internal threads Class 2B	<i>8</i>
Table 5	– Coarse thread series (UNC) below $\frac{1}{4}$ in diameter – Limits and tolerances for finished uncoated threads – External threads Class 3A	<i>9</i>
Table 6	– Coarse thread series (UNC) below $\frac{1}{4}$ in diameter – Limits and tolerances for finished uncoated threads – Internal threads Class 3B	<i>9</i>
Table 7	– Fine thread series (UNF) below $\frac{1}{4}$ in diameter – Limits and tolerances for finished uncoated threads – External threads Class 2A	<i>10</i>
Table 8	– Fine thread series (UNF) below $\frac{1}{4}$ in diameter – Limits and tolerances for finished uncoated threads – Internal threads Class 2B	<i>10</i>
Table 9	– Fine thread series (UNF) below $\frac{1}{4}$ in diameter – Limits and tolerances for finished uncoated threads – External threads Class 3A	<i>11</i>
Table 10	– Fine thread series (UNF) below $\frac{1}{4}$ in diameter – Limits and tolerances for finished uncoated threads – Internal threads Class 3B	<i>11</i>
Table 11	– Extra fine thread series (UNEF) below $\frac{1}{4}$ in diameter – Limits and tolerances for finished uncoated threads – External threads Classes 2A and 3A	<i>12</i>
Table 12	– Extra fine thread series (UNEF) below $\frac{1}{4}$ in diameter – Limits and tolerances for finished uncoated threads – Internal threads Classes 2B and 3B	<i>12</i>
Table 13	– Coarse thread series (UNC) sizes below $\frac{1}{4}$ in diameter – Basic dimensions	<i>13</i>