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**Aerospace — Nuts, bihexagonal, self-  
locking, MJ threads, classifications:  
1 100 MPa (at ambient temperature)/425 °C,  
1 100 MPa (at ambient temperature)/650 °C,  
1 210 MPa (at ambient temperature)/425 °C,  
1 210 MPa (at ambient temperature)/730 °C,  
1 550 MPa (at ambient temperature)/235 °C,  
1 550 MPa (at ambient temperature)/425 °C  
and  
1 550 MPa (at ambient temperature)/600 °C  
— Dimensions**

*Aéronautique et espace — Écrous bihexagonaux à freinage interne, à  
filetage MJ, classifications: 1 100 MPa (à température ambiante)/425 °C,  
1 100 MPa (à température ambiante)/650 °C, 1 210 MPa (à température  
ambiante)/425 °C, 1 210 MPa (à température ambiante)/730 °C, 1 550 MPa  
(à température ambiante)/235 °C, 1 550 MPa (à température  
ambiante)/425 °C et 1 550 MPa (à température ambiante)/600 °C —  
Dimensions*



## Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9199 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 4, *Aerospace fastener systems*.

This second edition cancels and replaces the first edition (ISO 9199:1987), of which it constitutes a technical revision.

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## **Introduction**

The dimensions specified in this International Standard have been determined to satisfy the requirements of the procurement specification of ISO 5858 or ISO 8641, depending on the classification of the nut.