

INTERNATIONAL
STANDARD

ISO
4033

Second edition
1999-08-15

**Hexagon nuts, style 2 — Product
grades A and B**

Écrous hexagonaux, style 2 — Grades A et B



Reference number
ISO 4033:1999(E)

4 Specifications and reference standards

See Table 2.

Table 2 — Specifications and reference standards

Material		Steel
General requirements	International Standard	ISO 8992
Thread	Tolerance	6H
	International Standards	ISO 724, ISO 965-1
Mechanical properties	Property class ^a	9 and 12
	International Standard	ISO 898-2
Tolerances	Product grade	$d \leq M16$: A $d > M16$: B
	International Standard	ISO 4759-1
Finish and/or coating		As processed Requirements for electroplating are covered in ISO 4042. Requirements for non-electrolytically applied zinc flake coatings are covered in ISO 10683. If different electroplating requirements are desired or if requirements are needed for other finishes, they should be agreed between customer and supplier. Limits for surface discontinuities are covered in ISO 6157-2.
Acceptability		For acceptance procedure see ISO 3269.
^a For other property classes see ISO 898-2.		

5 Designation

EXAMPLE

A hexagon nut, style 2, with thread M12 and property class 9 is designated as follows:

Hexagon nut ISO 4033 - M12 - 9