

INTERNATIONAL
STANDARD

ISO
4034

Third edition
1999-08-15

Hexagon nuts — Product grade C

Écrous hexagonaux — Grade C



Reference number
ISO 4034:1999(E)

Table 2 — Non-preferred threads

Dimensions in millimetres

Thread (<i>d</i>)		M14	M18	M22	M27	M33	M39	M45	M52	M60
p^a		2	2,5	2,5	3	3,5	4	4,5	5	5,5
d_w	min.	19,2	24,9	31,4	38	46,6	55,9	64,7	74,2	83,4
e	min.	22,78	29,56	37,29	45,2	55,37	66,44	76,95	88,25	99,21
m	max.	13,9	16,9	20,2	24,7	29,5	34,3	36,9	42,9	48,9
	min.	12,1	15,1	18,1	22,6	27,4	31,8	34,4	40,4	46,4
m_w	min.	9,7	12,1	14,5	18,1	21,9	25,4	27,5	32,3	37,1
s	nom. = max.	21,00	27,00	34	41	50	60,0	70,0	80,0	90,0
	min.	20,16	26,16	33	40	49	58,8	68,1	78,1	87,8

^a P is the pitch of the thread.

4 Specifications and reference standards

See Table 3.

Table 3 — Specification and reference standards

Material		Steel
General requirements	International Standard	ISO 8992
Thread	Tolerance	7H
	International Standards	ISO 724, ISO 965-1
Mechanical properties	Property class ^a	$d \leq M16$: 5 $M16 < d \leq M39$: 4, 5 $d > M39$: as agreed
	International Standard	$d \leq M39$: ISO 898-2 $d > M39$: as agreed
Tolerances	Product grade	C
	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.
Acceptability		For acceptance procedure, see ISO 3269.

^a For other property classes see ISO 898-2.