



HFR NUT

ERM UNC/UNF

All metals

8

Definition: All metal reusable slotted self-locking hexagon nut.

Threading : Series UNC - UNF (BSF/BSW on request).

Characteristic and performance test: NF EN ISO 2320 (NFE 25408),
NFE 25035 and NF EN ISO 3506-2.



d nominal	N°10	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Pitch UNC	24	20	18	16	14	13	11	10
UNF	32	28	24	24	20	20	18	16
ht	8	9,5	10,8	10,8	13,5	15,8	21	25
m	3	4	4,8	4,8	6	7,2	9,5	12
s	9	11	13	14	17	18	24	28
d ₂ *	14	18	22	22	27	30	40	40
s ₁	1,3	1,4	1,6	1,6	1,8	2,4	3,2	3,2
	I	K	L	M	N	O	Q	R

* different type and diameter of washers can be supplied on request.

Quality class	Classification	Range of application
Class 8 steel / grade 5	QV } QK } QL }	self color -50°C +300°C ⁽¹⁾
Class 10 steel / grade 8		
Class 12 steel / grade 10		
Stainless steel A2-70 (AISI 304)	ZE } ZH }	-200°C +400°C ⁽¹⁾ corrosive atmosphere
Stainless steel A4-80 (AISI 316L)		

⁽¹⁾ Only an indication.

Surface treatment

Galvanizing NF EN ISO 4042 (NFE 25009)	White ZO - Yellow ZJ - Green ZV	with plated and without chromatation
Phosphatizing	TO	- 50°C +230°C
Self color	BT	with plated and with chromatation
Passivation	PA	-50°C +60°C
Antigalling standard to the NFE 25 035 : stanal 400	ST	
Sherardisation (NF EN 13811)	SH	

Example of ordering code

ERM	NOOUNF	QV	ZV	00	Classification Wording
ERM nut	Ø 7/16" UNF	Class 8	zinc green	*	

*Standard size.

On request: are available different materials, platina finishes and other sizes - including imperial (inch)threads.