



HFR NUT

ESL

All metals
UNC - UNF

3

Definition: All metal reusable slotted self-locking hexagon nut standard to NFE 25 411 and SNCF CF 00.040FP6.

Threading: Series UNC - UNF AISI B1.1 and BS 1580 (BSF/BSW on request)

Characteristic and performance tests: ISO 2320.



d Pouces	d mm	Pitch		s mm	ht mm	m mm	codes
		UNC	UNF				
N°8	4,16	32	36	8	5,3	2,6	H
N°10	4,82	24	32	9	6,3	3	I
1/4	6,35	20	28	11	7,5	4	K
5/16	7,94	18	24	13	8,8	4,8	L
3/8	9,52	16	24	14	8,8	4,8	M
7/16	11,11	14	20	17	11	6	N
1/2	12,70	13	20	18	13	7,2	O
9/16	14,29	12	18	22	15	8	P
5/8	15,87	11	18	24	17	9,5	Q
3/4	19,05	10	16	28	21	12	R
7/8	22,22	9	14	33	22	12,5	S
1	25,4	8	12	41	24	13,5	T
1 1/4	31,75	7	12	46	29,5	16	V
1 1/2	38,10	6	12	55	32	17,5	X
1 3/4	44,45	5	-	-	-	-	-
2	50,80	4,5	-	75	46	25,5	-

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		
Others: Brass - Bronze - light alloy - Titanium.		

⁽¹⁾ Only an indication.

Surface treatment	Classification	Range of application
Galvanizing NF EN ISO 4042 (NFE 25009)	White ZO - Yellow ZJ - Green ZV	
Phosphatizing	TO	with plated without chromatisation
Self color	BT	
Passivation	PA	
Antigalling NFE 25 035 stanal 400	ST	-50°C +230°C
Sherardisation NF EN 13811	SH	with plated with chromatisation -50°C +60°C

Example of ordering code

ESL	Lettre + 00 + UNF	QV	ZJ	00
ESL Nut	Ø 7/16" UNF	Class 8	zinc yellow	*

Classification
Wording

* Standard sizes.

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