

HFR NUT

ESL

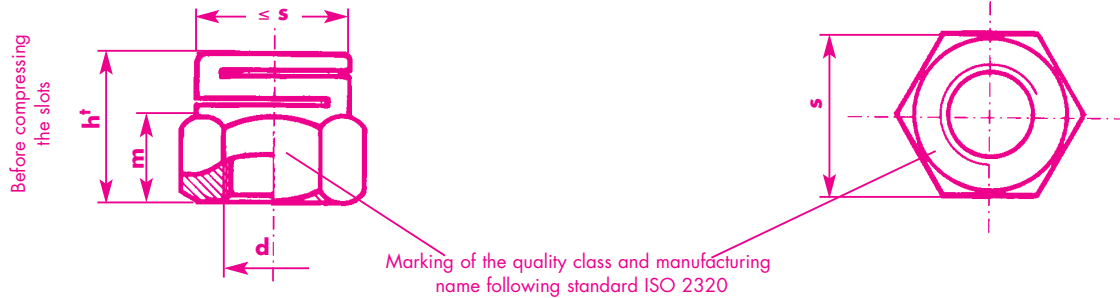
All metals

I

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

Threading: To standard NF ISO 262 (NFE 03014) and NF ISO 965-2 (NFE03053).

Characteristic and performance test: NF EN ISO 2320 (NFE 25 408).



D	Pitch	s	Ht	m
M 2	0,40	4,0	4,5	2,3
M 2,5	0,45	5,0	4,5	2,3
M 3	0,50	5,5	4,5	2,5
M 4	0,70	7	5,3	2,6
M 5	0,80	8	6,3	3
M 6	1,00	10	7	3,6
*(M 7)	1,00	11	8,1	4,8
M 8	1,25	13	8,8	4,8
M 10	1,50	16	11	6,0
M 12	1,75	18	13	7,2
*(M 14)	2,00	21	15	8,4
M 16	2,00	24	18,7	11,5
*(M 18)	2,50	27	19,5	11,5
M 20	2,50	30	21	12,0
** (M 22)	2,50	32	22	12,5
M 24	3,00	36	22,5	14,3
*(M 27)	3,00	41	26	16
M 30	3,50	46	29,5	16,5
*(M 33)	3,50	50	32	18,7
M 36	4,00	55	35	18,5
*(M 39)	4,00	60	37	20,5
M 42	4,50	65	39,5	23
*(M 45)	4,50	70	43	24
M 48	5,00	75	46	25

Dimension : * Sizes in brackets are non standard and should be avoided. ** dimension of the hexagonal non standard.

Quality class	Classification	Range of application
Class 8. Steel	QV QK QL	Self-color -50°C +300°C (as an indication)
Class 10. Steel		
Class 12. Steel		

Others: Brass - Bronze - Light alloy - titanium...

Surface treatment

Galvanizing NF EN ISO 4042 (NFE 25009)	White ZO - Yellow ZJ - Green ZV	Plated and without chromatization -50°C +230°C
Phosphatizing	TO	
Dacromet	DA	Plated and without chromatization - 50°C +60°C
Self color	BT	

Example of ordering code

ESL	100150	QV	ZJ	00	Classification
ESL Nut	M10X pitch 150	Class 8.	Zinc and yellow	*	Wording

* Standard size

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