



HFR NUT

GSL

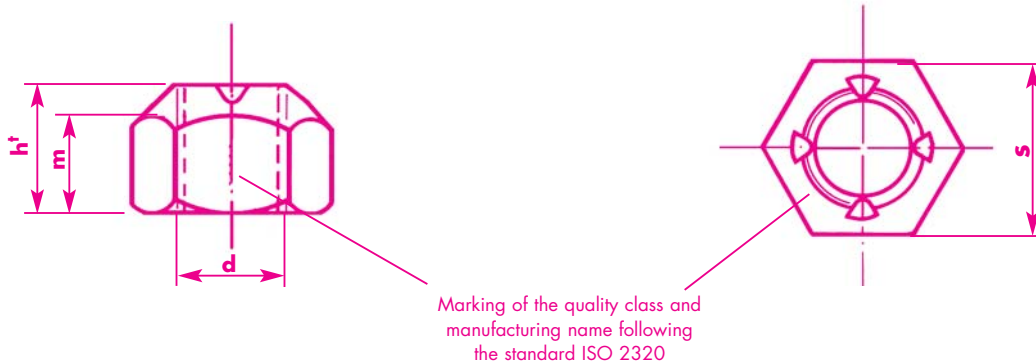
All metals



Definition: All metal self-locking hexagon nut, with marking on the top of the nut NF EN ISO 7719 (NFE 2541).

Threading: To standard NF ISO 262 (NFE 03014) and NF ISO 965-2 (NFE 03053).

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



d	Pitch	s	ht	m
M 4	0,70	7	4	3,2
M 5	0,80	8	5	3,5
M 6	1,00	10	6	3,9
*(M 7)	1,00	11	7	6,0
M 8	1,25	13	7	6,0
M 10	1,50	16	9	6,0
M 12	1,75	18	11	8,0
*(M 14)	2,00	21	12	8,2
M 16	2,00	24	14	10,9
*(M 18)	2,50	27	16	11,4
M 20	2,50	30	19	15,0

Dimension : * Sizes in brackets are non standard and should be avoided.

Quality class	Classification	Range of application
Steel class 8 / grade 5	QV	self color
Steel class 10 / grade 8	QK	
Stainless steel A2-70 (AISI 304)	ZE	-50°C +300°C ⁽¹⁾
Stainless steel A4-80 (AISI 316 L)	ZH	
Others: Brass, Bronze, Light alloy, Titanium...		-200°C +400°C ⁽¹⁾
		corrosive atmosphere

¹⁾ Only an indication.

Surface treatment

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

Example of ordering code

GSL	100150	QV	ZJ	00	Classification Wording
GSL nut	M 10 x 150	Class 8	zinc yellow	*	

* Standard size.

On request: are available different materials, plating finishes and other sizes.