



# HFR NUT

ERM

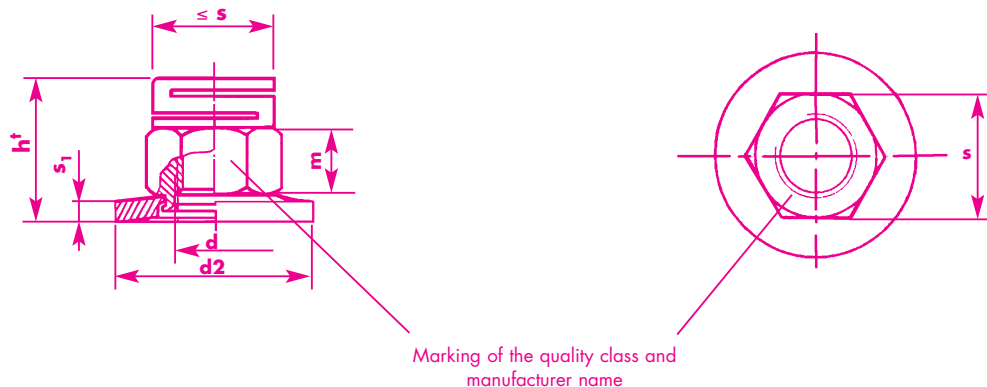
All metals

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**Definition:** All metal reusable slotted self-locking hexagon flange nut with free washer.

**Threading:** Standard to 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	M4	M5	M6	M8	M10	M12	M14	M16
Pas	0,70	0,80	1,00	1,25	1,50	1,75	2,00	2,00
ht	7	8,5	9	11	13,4	15,8	17,8	19,8
m	2,6	3	4,5	4,8	6	7,2	8,4	9,5
s	7	8	10	13	16	18	21	24
d <sub>2</sub> *	12	14	18	22	22 / 27	27	30	40
s <sub>1</sub>	1,1	1,3	1,4	1,6	1,8	1,8	2,4	3,2

Sizes : \* Only an indication. On request for other type and other diameter of washers.

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

<sup>(1)</sup> Only an indication.

## Surface treatment

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

## Example of ordering code

ERM	100150	ZH	ST	00	Classification
ERM Nut	M 10 x 150	A4 80	antigalling	*	Wording

\* Standard size.

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