



HFR NUT

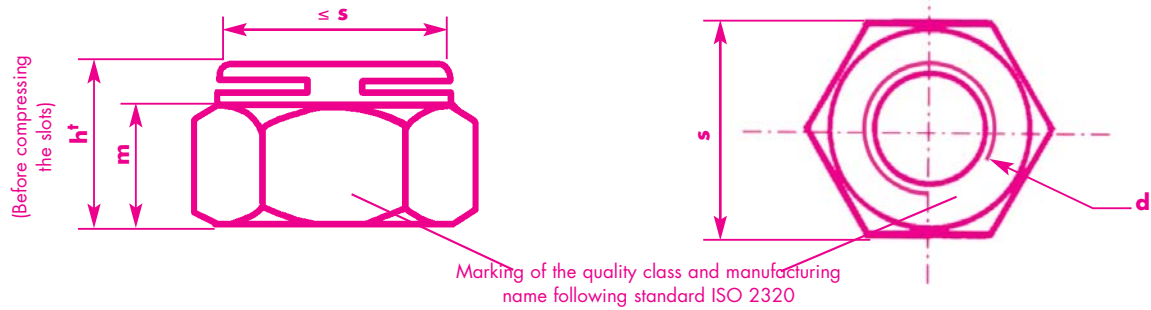
THM/THU

All metals

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

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

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



d	pitch	THU (high)			THM (low)		
		s	ht	m	s	ht	m
M4	0,70	7	5,5	3,5	7	4,5	2,5
M5	0,80	8	6,5	4,3	8	4,8	2,6
M6	1,00	10	7,5	5	10	5,2	2,7
M8	1,25	13	8,5	6	13	6	3,5
M10	1,50	17	11	8	17	7,5	4,5
M12	1,75	19	13	9,5	19	9	5,5
*(M14)	2,00	22	15	11	22	11	7
M16	2,00	24	17	13	24	12	8
*(M18)	2,50	27	20	15,5	27	14	9,5
M20	2,50	30	22	17,5	30	15	10,5
***(M22)	2,50	32	23	18	32	17	12
M24	3,00	36	25	19	36	19	13
*(M27)	3,00	41	27	21	41	20	14
M30	3,50	46	30	23,5	46	21,5	15
*(M33)	3,50	50	33	26,5	50	23	16,5
M36	4,00	54	36	29	54	25	18
*(M39)	4,00	58	38	31	58	26	19
M42	4,50	63	42	34	63	30	22
*(M45)	4,50	67	45	37	67	32	24

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

Example of ordering code

THU	100150	QV	ZJ	00	Classification Wording
THU Nut	M 10 x 150	Class 8	zinc yellow	*	

Standard size

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