



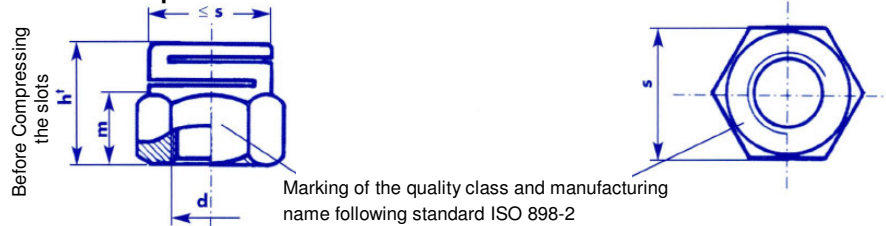
# HFR NUT: ESL



**Definition:** All metal reusable slotted self-locking hexagon nut standard to NFE 25 411 and SNCF ST 001-02 FPn6.

**Threading:** Standard to ISO 965-2.

**Characteristics and performance test:** NF EN ISO 2320/ ISO 898-2.



d	Pitch	s	ht	m
M 2	0.40	4	4.5	2.3
M 2.5	0.45	5	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	3.0
M 6	1.00	10	7.0	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	11.0	6.0
M 12	1.75	18	13.0	7.2
M 14	2.00	21	15.0	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	21.0	12.0
M 22	2.50	32	22.0	12.5
M 24	3.00	36	22.5	14.3
M 27	3.00	41	26.0	16.0
M 30	3.50	46	29.5	16.5
M 33	3.50	50	32.0	18.7
M 36	4.00	55	35.0	18.5

Quality Class	Classification	Range of Application
Class 8	QV } QK } QL }	Self color
Class 10		-50°C +300°C (-58°F +572°F) <sup>(1)</sup>
Class 12		

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

Others: Brass - Bronze - Light Alloy - Titanium - ...

**Surface treatment (Standard to ROHS requirements)**

Galvanizing: Yellow	ZJ	96h
White	ZO	96h
White Lanthane ® Finish	ZL	400h
White Lanthane ® Finish + Top coat	ZF	720h
Geomet ®: 600h to 1000h Salt Spray		

*Example of Ordering Code:*

ESL100150QVZJ00

ESL	100150	QV	ZJ	00
ESL Nut	M 10 x 150	Class 8	Yellow Zinc	*

\*Standard Size Additional Sizes, Materials and Finishes Available Upon Request

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