



# HFR NUT

GSL

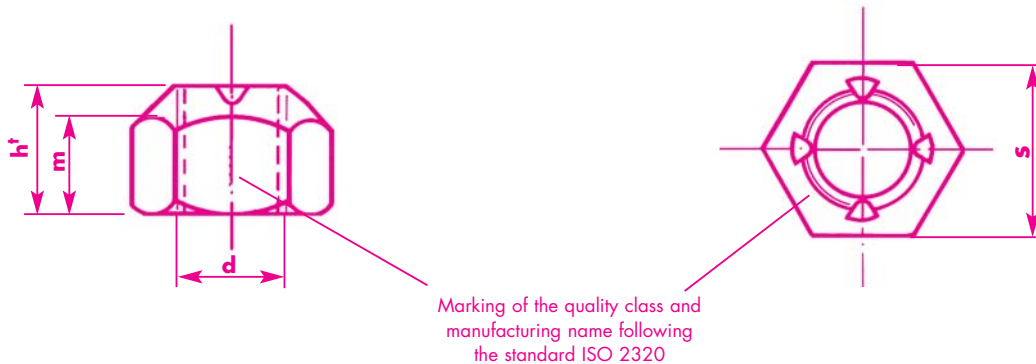
All metals



**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<br>-50°C +300°C <sup>(1)</sup>            |
| Steel class 10 / grade 8                        | QK             |  |
| Stainless steel A2-70 (AISI 304)                | ZE             | -200°C +400°C <sup>(1)</sup><br>corrosive atmosphere |
| Stainless steel A4-80 (AISI 316 L)              | ZH             |  |
| Others: Brass, Bronze, Light alloy, Titanium... |                |  |

<sup>1)</sup> 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<br>-50°C +230°C |
| Phosphatizing  | ST |  |
| Antigalling standard to the NFE 25 035 : Stanal 400                            | SH | with plated and with chromatation<br>-50°C +60°C     |
| Sherardization   | BT |  |
| Self color   |    |  |

## Example of ordering code

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

\* Standard size.

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