



**Ingrassatori Idraulici a Norma  
DIN 71412**



**Hydraulic Grease Nipples  
according to DIN 71412  
Standard**

A Norma DIN 71412 e con filettatura conica 1:16

According to DIN 71412 with tapered thread 1:16

- 1** Acciaio AVP—Zincatura Bianca Fe/Zn 7 II  
*Free Cutting Steel—White Zinc-plated Fe/Zn 7 II*
- 2** Acciaio AVP—Carbonitrurazione 650<HV<750 e Zincatura Iridescente Fe/Zn 7 IV  
*Free Cutting Steel—Carbonitriding 650<HV<750 and Iridescent Zinc-plated Fe/Zn 7 IV*
- 3** Acciaio AVP—Trattamento anticorrosione alto resistenziale Geomet 500A  
*Free Cutting Steel—Anticorrosion High Resistance Treatment Geomet 500A*
- 4** Acciaio INOX AISI 303—Brillantatura  
*Stainless Steel AISI 303—Polishing*
- 5** Acciaio INOX AISI 316—Brillantatura  
*Stainless Steel AISI 316—Polishing*
- 6** Ottone EN 12164-CW614—Grezzo, Zincatura Bianca Fe/Zn 7 II o Nichelatura  
*Brass EN 12164-CW614—Without or With Zinc-plated Fe/Zn 7 II or Nickel plated*



**INGRASSATORI IDRAULICI  
HYDRAULIC GREASE NIPPLES**

**Forma A-H1 / Type A-H1** Versione Diritta / *Straight Version*

| Disegno<br><i>Drawing</i> | Fil.<br><i>Thread</i> | Ch<br><i>SW</i> | Codice / <i>Code</i>          |                                  |                                |               |               |                |
|---------------------------|-----------------------|-----------------|-------------------------------|----------------------------------|--------------------------------|---------------|---------------|----------------|
|                           |                       |                 | 1 Acciaio/Steel<br>Fe/Zn 7 II | 2 Acciaio/Steel<br>C. Fe/Zn 7 IV | 3 Acciaio/Steel<br>Geomet 500A | 4 AISI 303/A2 | 5 AISI 316/A4 | 6 Ottone/Brass |
|                           | M6x1                  | 7               | 70.01-ZB                      | 70.01-ICH                        |                                | 70.01-IN      | 70.01-IN316   | 70.01-OT-GR    |
|                           | 1/4"-28               | 7               | 70.15-ZB                      |                                  |                                |               |               |                |
|                           | M7x1                  | 9               | 70.02-ZB                      | 70.02-ICH                        |                                |               |               |                |
|                           | M8x1                  | 9               | 70.03-ZB                      | 70.03-ICH                        |                                |               |               | 70.03-OT-GR    |
|                           | M8x1,25               | 9               | 70.04-ZB                      | 70.04-ICH                        |                                |               |               |                |
|                           | R 1/8                 | 11              | 70.32-ZB                      | 70.32-ICH                        |                                | 70.32-IN      | 70.32-IN316   | 70.32-OT-GR    |
|                           | M10x1                 | 11              | 70.25-ZB                      | 70.25-ICH                        |                                | 70.25-IN      | 70.25-IN316   | 70.25-OT-GR    |
|                           | M10x1,5               | 11              | 70.27-ZB                      | 70.27-ICH                        |                                | 70.27-IN      | 70.27-IN316   | 70.27-OT-GR    |
|                           | 1/8"-27               | 11              |                               | 70.28-ICH                        |                                |               |               |                |
|                           | R 1/4                 | 14              | 70.33-ZB                      | 70.33-ICH                        |                                | 70.33-IN      | 70.33-IN316   |                |
|                           |                       |                 |                               |                                  |                                |               |               |                |
|                           | Ø6                    | Ø8              |                               | 70.36-ICH                        |                                | 70.36-IN      |               |                |
|                           | Ø8                    | Ø10             |                               | 70.38-ICH                        |                                | 70.38-IN      |               |                |
|                           | Ø10                   | Ø12             |                               | 70.39-ICH                        |                                | 70.39-IN      |               |                |

**Forma B / Type B**

Versione a 45° / 45° Version

*Corpo Quadro / 4 Kant*

| Disegno<br>Drawing | Fil.<br>Thread | Ch<br>SW | Codice / Code                 |                                  |                                |               |               |                |  |
|--------------------|----------------|----------|-------------------------------|----------------------------------|--------------------------------|---------------|---------------|----------------|--|
|                    |                |          | 1 Acciaio/Steel<br>Fe/Zn 7 II | 2 Acciaio/Steel<br>C. Fe/Zn 7 IV | 3 Acciaio/Steel<br>Geomet 500A | 4 AISI 303/A2 | 5 AISI 316/A4 | 6 Ottone/Brass |  |
|                    | M6x1           | 9        |                               | 70.41-CH**                       |                                |               |               |                |  |
|                    | M7x1           | 9        |                               | 70.42-CH**                       |                                |               |               |                |  |
|                    | M8x1           | 9        |                               | 70.43-CH**                       |                                |               |               |                |  |
|                    | M8x1,25        | 9        |                               | 70.44-CH**                       |                                |               |               |                |  |
|                    | Ø6             | 9        |                               | 70.46-ICH                        |                                |               |               |                |  |
|                    | Ø8             | 9        |                               | 70.48-ICH                        |                                |               |               |                |  |

|  |         |    |  |            |  |  |  |  |  |
|--|---------|----|--|------------|--|--|--|--|--|
|  | R 1/8   | 11 |  | 70.52-CH** |  |  |  |  |  |
|  | M10x1   | 11 |  | 70.45-CH** |  |  |  |  |  |
|  | M10x1,5 | 11 |  | 70.47-CH** |  |  |  |  |  |

*Corpo Esagonale / 6 Kant*

| Disegno<br>Drawing | Fil.<br>Thread | Ch<br>SW | Codice / Code                 |                                  |                                |               |               |                |  |
|--------------------|----------------|----------|-------------------------------|----------------------------------|--------------------------------|---------------|---------------|----------------|--|
|                    |                |          | 1 Acciaio/Steel<br>Fe/Zn 7 II | 2 Acciaio/Steel<br>C. Fe/Zn 7 IV | 3 Acciaio/Steel<br>Geomet 500A | 4 AISI 303/A2 | 5 AISI 316/A4 | 6 Ottone/Brass |  |
|                    | R 1/8          | 11       |                               | 70.52-E11-CH**                   |                                |               |               |                |  |
|                    | M10x1          | 11       |                               | 70.45-E11-CH**                   |                                |               |               |                |  |
|                    | M10x1,5        | 11       |                               | 70.47-E11-CH**                   |                                |               |               |                |  |
|                    |                |          |                               |                                  |                                |               |               |                |  |

**Forma C / Type C**

Versione a 90° / 90° Version

*Corpo Quadro / 4 Kant*

| Disegno<br>Drawing | Fil.<br>Thread | Ch<br>SW | Codice / Code                 |                                  |                                |               |               |                |  |
|--------------------|----------------|----------|-------------------------------|----------------------------------|--------------------------------|---------------|---------------|----------------|--|
|                    |                |          | 1 Acciaio/Steel<br>Fe/Zn 7 II | 2 Acciaio/Steel<br>C. Fe/Zn 7 IV | 3 Acciaio/Steel<br>Geomet 500A | 4 AISI 303/A2 | 5 AISI 316/A4 | 6 Ottone/Brass |  |
|                    | M6x1           | 9        |                               | 70.61-CH**                       |                                |               |               |                |  |
|                    | M8x1           | 9        |                               | 70.63-CH**                       |                                |               |               |                |  |
|                    | M8x1,25        | 9        |                               | 70.64-CH**                       |                                |               |               |                |  |
|                    | Ø6             | 9        |                               | 70.66-ICH                        |                                |               |               |                |  |
|                    | Ø8             | 9        |                               | 70.68-ICH                        |                                |               |               |                |  |
|                    |                |          |                               |                                  |                                |               |               |                |  |

|  |         |    |  |            |  |  |  |  |  |
|--|---------|----|--|------------|--|--|--|--|--|
|  | R 1/8   | 11 |  | 70.72-CH** |  |  |  |  |  |
|  | M10x1   | 11 |  | 70.65-CH** |  |  |  |  |  |
|  | M10x1,5 | 11 |  | 70.67-CH** |  |  |  |  |  |

*Corpo Esagonale / 6 Kant*

| Disegno<br>Drawing | Fil.<br>Thread | Ch<br>SW | Codice / Code                 |                                  |                                |               |               |                |  |
|--------------------|----------------|----------|-------------------------------|----------------------------------|--------------------------------|---------------|---------------|----------------|--|
|                    |                |          | 1 Acciaio/Steel<br>Fe/Zn 7 II | 2 Acciaio/Steel<br>C. Fe/Zn 7 IV | 3 Acciaio/Steel<br>Geomet 500A | 4 AISI 303/A2 | 5 AISI 316/A4 | 6 Ottone/Brass |  |
|                    | R 1/8          | 11       |                               | 70.72-E11-CH**                   |                                |               |               |                |  |
|                    | M10x1          | 11       |                               | 70.65-E11-CH**                   |                                |               |               |                |  |
|                    | M10x1,5        | 11       |                               | 70.67-E11-CH**                   |                                |               |               |                |  |

\*\* Versione con testina indurita con Carbonitrurazione 650<HV<750

\*\* Version with hardened head by means Carbonitriding 650<HV<750