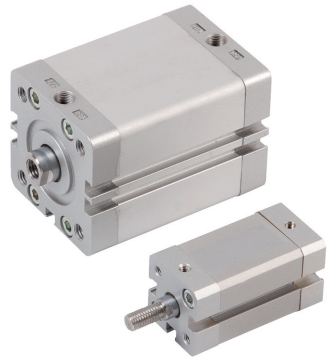
# ISO 21287 COMPACT CYLINDERS
# **VERINS COMPACTS ISO 21287**
# *CILINDRI COMPATTI ISO 21287*



CIC's compact cylinders of CM series comply the ISO 21287 norm and are particularly suitable for the use in small spaces thanks to their reduced dimensions, ensuring at the same time excellent characteristics of stability. The available bores are comprised between Ø12 e 100 mm, and the fixing position to the ISO norms.

**Le vérin compact ISO 21287 CIC type CM est parfaitement adapté pour des espaces réduits, et ses composants et sa qualité assurent une très bonne stabilité.**
**Les diamètres vont de 12 à 100 mm avec une large gamme de fixations ISO.**

*I cilindri compatti della serie CM di CIC sono, grazie alla loro compattezza, particolarmente adatti per impieghi in piccoli spazi.*
*Questi cilindri grazie al loro tipo di costruzione, garantiscono buone caratteristiche di stabilità.*
*Gli alesaggi sono compresi tra Ø12 e 100 mm e hanno interassi di fissaggio a normativa ISO.*

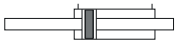
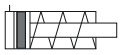
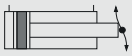
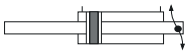
## ORDERING CODE / **CODIFICATION** / *CHIAVE DI CODIFICA*

C M 0 0 1 0 0 0 0 0 0 0

- Stroke / **Course** / *Corsa*
- Ø cylinder / **Ø vérin** / *Ø cilindro*

On request Atex version:
**Sur demande version Atex:**
*Su richiesta versione Atex:*
*Ex II 2G Ex h IIc T6 Gb*
*Ex II 2D Ex h IIIc T80°C Db*

### VERSION / **VERSION** / *VERSIONE*

| | | |
|---|---|---|
| **01** | Double acting magnetic<br>**Double effet magnétique**<br>*Doppio effetto magnetico* |  |
| **03** | Double acting magnetic through rod<br>**Double effet tige traversante magnétique**<br>*Doppio effetto magnetico stelo passante* |  |
| **13** | Single acting magnetic rear spring<br>**Simple effet magnétique ressort arrière**<br>*Semplice effetto magnetico molla posteriore* |  |
| **15** | Single acting magnetic front spring<br>**Simple effet magnétique ressort avant**<br>*Semplice effetto magnetico molla anteriore* |  |
| **29** | Double acting magnetic non rotating device<br>**Double effet magnétique anti-rotation**<br>*Doppio effetto magnetico anti-rotazione* |  |
| **31** | Double acting magnetic non rotating device through rod<br>**Double effet magnétique anti-rotation tige traversante**<br>*Doppio effetto magnetico anti-rotazione stelo passante* |  |

### THREAD ROD / **FILETAGE TIGE** / *FILETTO STELO*

| | |
|---|---|
| **1** | Female rod / **Tige femelle** / *Stelo femmina* |
| **2** | Male rod / **Tige male** / *Stelo maschio* |

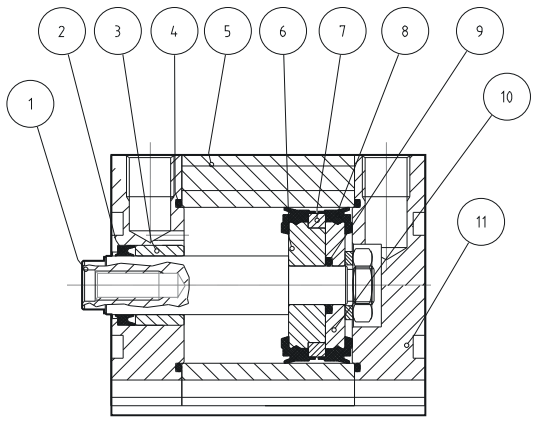
### SEALS / **JOINTS** / *GUARNIZIONI*

| | | |
|---|---|---|
| **1** | Standard<br>**Standard**<br>*Standard* | Polyurethane / **Polyuréthane** / *Poliuretano*<br>(-20°C +80°C) |
| **3** | High temperature<br>**Haute température**<br>*Alta temperatura* | Polyurethane / **Polyuréthane** / *Poliuretano*<br>(-25°C +130°C) |
| **8** | Low temperature<br>**Basse température**<br>*Bassa temperatura* | Polyurethane / **Polyuréthane** / *Poliuretano*<br>(-40°C +80°C) |

## TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

| | |
|---|---|
| Sizes / **Alésage** / *Alesaggi* | Ø 12-16-20-25-32-40-50-63-80-100 |
| Standard strokes / **Course standard** / *Corse standard* | mm 5-10-15-20-25-30-40-50-60-70-80-90-100-125-160-200-250 |
| Fluid / **Fluide** / *Fluido* | Lubricated or non lubricated air / **Air lubrifié ou non** / *Aria con o senza lubrificazione* |
| Operating temperature range / **Température d'utilisation** / *Temperatura di esercizio* | (-20°C +80°C) (-25°C +130°C) (-40°C +80°C) |
| Max operating pressure / **Pression max d'utilisation** / *Pressione massima di esercizio* | 10 bar |
| Force / **Force** / *Forze sviluppate* | Technical informations page / **Page informations techniques** / *Pagina dati tecnici* |
| Air consumption / **Consommation d'air** / *Consumo aria* | Technical informations page / **Page informations techniques** / *Pagina dati tecnici* |

## COMPONENTS / **COMPOSANTS** / *COMPONENTI*




| N. | DESCRIPTION / **DESCRIPTION** / *DESCRIZIONE* | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|---|
| 1 | rod / **tige** / *stelo* | steel C40 chromed / **acier C40 chromé** / *acciaio C40 cromato* |
| 2 | rod seal / **joint de tige** / *guarnizione stelo* | polyurethane / **polyuréthane** / *poliuretano* |
| 3 | guide bush / **bague guidage** / *bussola guida* | bronze / **bronze** / *bronzo* |
| 4 | o-ring / **joint torique** | NBR |
| 5 | tube / **tube** / *tubo* | aluminium / **aluminium** / *alluminio* |
| 6 | piston / **piston** / *pistone* | aluminium / **aluminium** / *alluminio* |
| 7 | magnet / **aimant** / *magnete* | plastoferrite |
| 8 | seal piston / **joint piston** / *guarnizione pist.* | polyurethane / **polyuréthane** / *poliuretano* |
| 9 | o-ring / **joint torique** | NBR |
| 10 | piston / **piston** / *pistone* | aluminium / **aluminium** / *alluminio* |
| 11 | rear cap / **nez arriere** / *testata posteriore* | aluminium / **aluminium** / *alluminio* |



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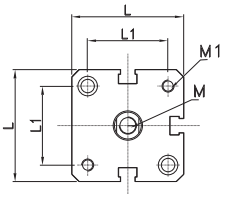
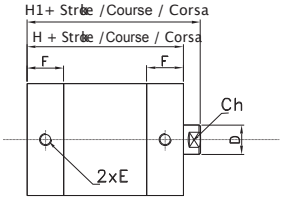
Ø 12 - 25

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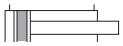
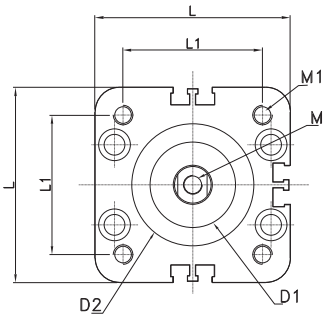
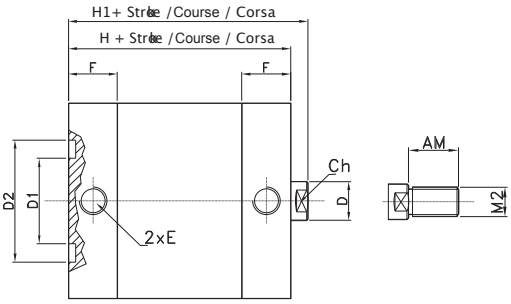
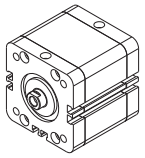


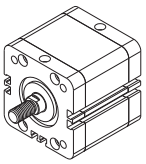
Double acting magnetic
**Double effet magnétique**
*Doppio effetto magnetico*

Ø 32 - 100



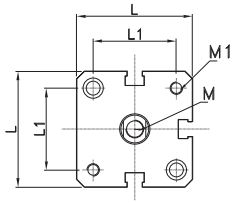



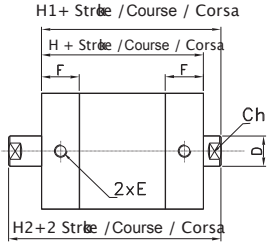





| Ø | D Ø | D1 Ø | D2 Ø | E | F | H | H1 | L | L1 | M | M1 | M2 | AM | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **12** | 6 | | | M5 | 10.5 | 36 | 40 | 27.5 | 16 | M3 | M4 | M5 | 10 | 5 |
| **16** | 8 | - | - | M5 | 11 | 35 | 40 | 29 | 18 | M4 | M4 | M6 | 12 | 7 |
| **20** | 10 | - | - | M5 | 12 | 37 | 43 | 35.5 | 22 | M6 | M5 | M8 | 16 | 9 |
| **25** | 10 | - | - | M5 | 12 | 39 | 45 | 39.5 | 26 | M6 | M5 | M8 | 16 | 9 |
| **32** | 12 | 20.5 | 30 | G1/8 | 15 | 45 | 50 | 47.5 | 32.5 | M8 | M6 | M10x1.25 | 19 | 10 |
| **40** | 12 | 25.5 | 35 | G1/8 | 14.5 | 45 | 51 | 56.5 | 38 | M8 | M6 | M10x1.25 | 19 | 10 |
| **50** | 16 | 30.5 | 40 | G1/8 | 14.5 | 45 | 53 | 66.5 | 46.5 | M10 | M8 | M12x1.25 | 22 | 13 |
| **63** | 16 | 35 | 45 | G1/8 | 14.5 | 50 | 57 | 79.5 | 56.5 | M10 | M8 | M12x1.25 | 22 | 13 |
| **80** | 20 | 35 | 45 | G1/8 | 16 | 55 | 63 | 100 | 72 | M12 | M10 | M16x1.5 | 28 | 17 |
| **100** | 20 | 45 | 55 | G1/4 | 19.5 | 67 | 76 | 120 | 89 | M12 | M10 | M16x1.5 | 28 | 17 |

Ø 12 - 25

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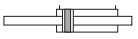
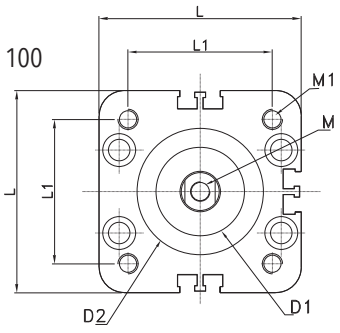
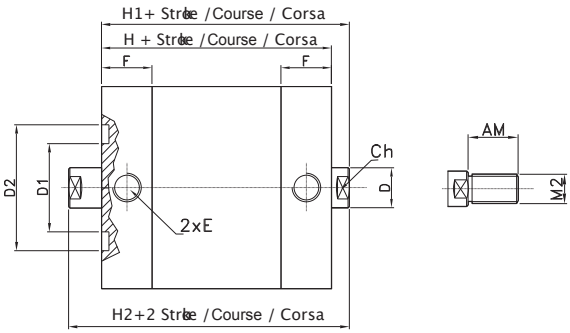
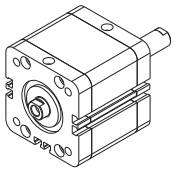


Double acting magnetic through rod
**Double effet magnétique tige traversante**
*Doppio effetto magnetico stelo passante*

Ø 32 - 100

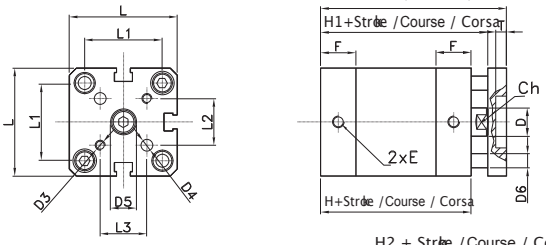


| Ø | D Ø | D1 Ø | D2 Ø | E | F | H | H1 | H2 | L | L1 | M | M1 | M2 | AM | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **12** | 6 | | | M5 | 10.5 | 36 | 40 | 44 | 27.5 | 16 | M3 | M4 | M5 | 10 | 5 |
| **16** | 8 | - | - | M5 | 11 | 35 | 40 | 45 | 29 | 18 | M4 | M4 | M6 | 12 | 7 |
| **20** | 10 | - | - | M5 | 12 | 37 | 43 | 49 | 35.5 | 22 | M6 | M5 | M8 | 16 | 9 |
| **25** | 10 | - | - | M5 | 12 | 39 | 45 | 51 | 39.5 | 26 | M6 | M5 | M8 | 16 | 9 |
| **32** | 12 | 20.5 | 30 | G1/8 | 15 | 45 | 50 | 55 | 47.5 | 32.5 | M8 | M6 | M10x1.25 | 19 | 10 |
| **40** | 12 | 25.5 | 35 | G1/8 | 14.5 | 45 | 51 | 57 | 56.5 | 38 | M8 | M6 | M10x1.25 | 19 | 10 |
| **50** | 16 | 30.5 | 40 | G1/8 | 14.5 | 45 | 53 | 61 | 66.5 | 46.5 | M10 | M8 | M12x1.25 | 22 | 13 |
| **63** | 16 | 35 | 45 | G1/8 | 14.5 | 50 | 57 | 64 | 79.5 | 56.5 | M10 | M8 | M12x1.25 | 22 | 13 |
| **80** | 20 | 35 | 45 | G1/8 | 16 | 55 | 63 | 71 | 100 | 72 | M12 | M10 | M16x1.5 | 28 | 17 |
| **100** | 20 | 45 | 55 | G1/4 | 19.5 | 67 | 76 | 85 | 120 | 89 | M12 | M10 | M16x1.5 | 28 | 17 |

Ø 12 - 25

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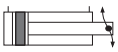
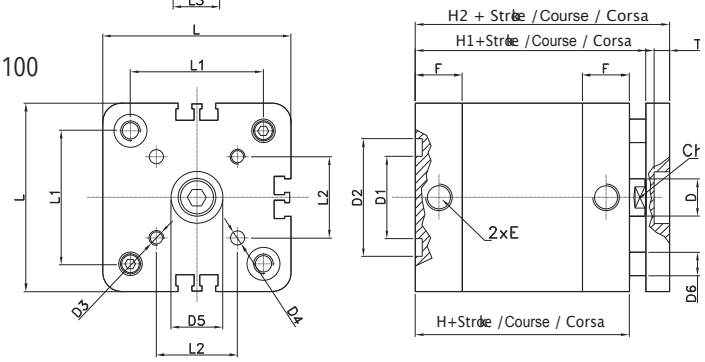
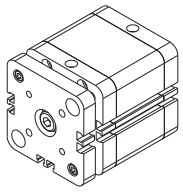


Double acting magnetic non rotating device
**Double effet magnétique anti-rotation**
*Doppio effetto magnetico anti-rotazione*

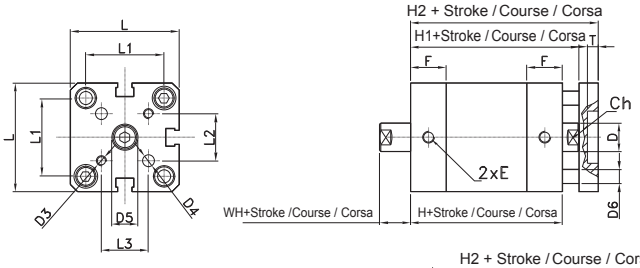
Ø 32 - 100



| Ø | D Ø | D1 Ø | D2 Ø | D3 | D4 Ø | D5 Ø | D6 Ø | E | F | H | H1 | H2 | L | L1 | L2 | T | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **12** | 6 | | | M3 | 3 | 6 | 4 | M5 | 10.5 | 36 | 40 | 46 | 27.5 | 16 | 8.5 | 3.5 | 5 |
| **16** | 8 | - | - | M4 | 4 | 11 | 5 | M5 | 11 | 35 | 40 | 48 | 29 | 18 | 10 | 5 | 7 |
| **20** | 10 | - | - | M4 | 4 | 11 | 5 | M5 | 12 | 37 | 43 | 51 | 35.5 | 22 | 12 | 5 | 9 |
| **25** | 10 | - | - | M4 | 5 | 14 | 6 | M5 | 12 | 39 | 45 | 53 | 39.5 | 26 | 15.6 | 5 | 9 |
| **32** | 12 | 20.5 | 30 | M5 | 5 | 17 | 6 | G1/8 | 15 | 45 | 50 | 60 | 47.5 | 32.5 | 19.8 | 6.5 | 10 |
| **40** | 12 | 25.5 | 35 | M5 | 5 | 17 | 8 | G1/8 | 14.5 | 45 | 51 | 61 | 56.5 | 38 | 23.3 | 6.5 | 10 |
| **50** | 16 | 30.5 | 40 | M6 | 6 | 22 | 10 | G1/8 | 14.5 | 45 | 53 | 65 | 66.5 | 46.5 | 29.7 | 7.5 | 13 |
| **63** | 16 | 35 | 45 | M6 | 6 | 22 | 10 | G1/8 | 14.5 | 50 | 57 | 69 | 79.5 | 56.5 | 35.4 | 7.5 | 13 |
| **80** | 20 | 35 | 45 | M8 | 8 | 28 | 14 | G1/8 | 16 | 55 | 63 | 77 | 100 | 72 | 46 | 9 | 17 |
| **100** | 20 | 45 | 55 | M10 | 10 | 30 | 14 | G1/4 | 19.5 | 67 | 76 | 90 | 120 | 89 | 56.5 | 10 | 17 |

Ø 12 - 25

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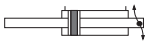
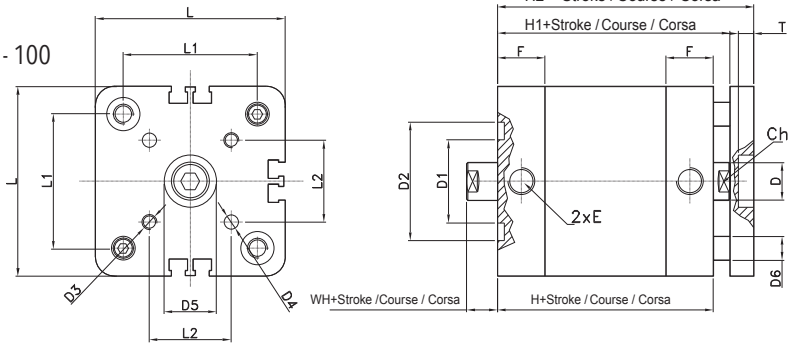
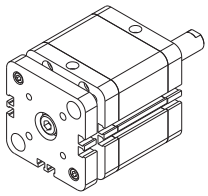


D.a. mag.non rotating device through rod
**D.e. magnétique anti-rotation tige traversante**
*D.e. mag.anti-rotazione stelo passante*

Ø 32 - 100



| Ø | D Ø | D1 Ø | D2 Ø | D3 | D4 Ø | D5 Ø | D6 Ø | E | F | H | H1 | H2 | L | L1 | L2 | T | WH | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **12** | 6 | | | M3 | 3 | 6 | 4 | M5 | 10.5 | 36 | 40 | 46 | 27.5 | 16 | 8.5 | 3.5 | 4 | 5 |
| **16** | 8 | - | - | M4 | 4 | 9 | 5 | M5 | 11 | 35 | 40 | 48 | 29 | 18 | 10 | 5 | 5 | 7 |
| **20** | 10 | - | - | M4 | 4 | 11 | 5 | M5 | 12 | 37 | 43 | 51 | 35.5 | 22 | 12 | 5 | 6 | 9 |
| **25** | 10 | - | - | M4 | 5 | 14 | 6 | M5 | 12 | 39 | 45 | 53 | 39.5 | 26 | 15.6 | 5 | 6 | 9 |
| **32** | 12 | 20.5 | 30 | M5 | 5 | 17 | 6 | G1/8 | 15 | 45 | 50 | 60 | 47.5 | 32.5 | 19.8 | 6.5 | 5 | 10 |
| **40** | 12 | 25.5 | 35 | M5 | 5 | 17 | 8 | G1/8 | 14.5 | 45 | 51 | 61 | 56.5 | 38 | 23.3 | 6.5 | 6 | 10 |
| **50** | 16 | 30.5 | 40 | M6 | 6 | 22 | 10 | G1/8 | 14.5 | 45 | 53 | 65 | 66.5 | 46.5 | 29.7 | 7.5 | 8 | 13 |
| **63** | 16 | 35 | 45 | M6 | 6 | 22 | 10 | G1/8 | 14.5 | 50 | 57 | 69 | 79.5 | 56.5 | 35.4 | 7.5 | 7 | 13 |
| **80** | 20 | 35 | 45 | M8 | 8 | 28 | 14 | G1/8 | 16 | 55 | 63 | 77 | 100 | 72 | 46 | 9 | 8 | 17 |
| **100** | 20 | 45 | 55 | M10 | 10 | 30 | 14 | G1/4 | 19.5 | 67 | 76 | 90 | 120 | 89 | 56.5 | 10 | 9 | 17 |



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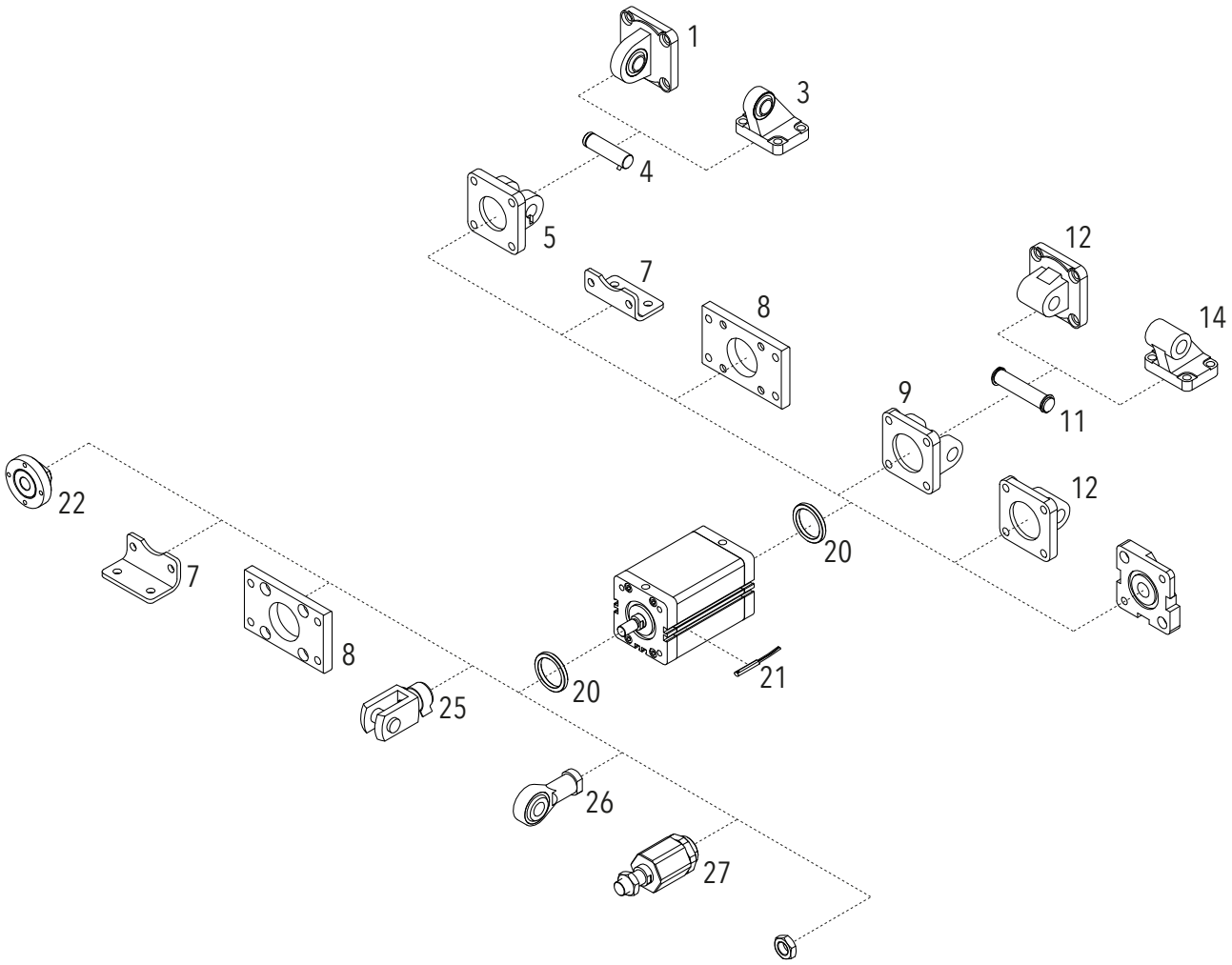
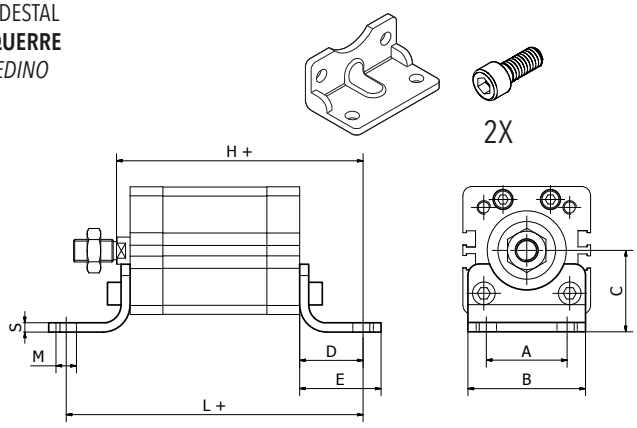
## MOUNTING PARTS / **ACCESSOIRES DE MONTAGE** / *ACCESSORI DI FISSAGGIO*




| POS. | DESCRIPTION | ALUMINIUM **ALUMINIUM** *ALLUMINIO* | STEEL **ACIER** *ACCIAIO* |
|---|---|---|---|
| 1 | Male hinge with articulated head / **Chape mâle arrière rotulée** / *Cerniera maschio con testa snodata* | AR4226. Ø -V | AR4261. Ø -V |
| 3 | Square joint artic.head / **Artic. arrière equerre rotulée** / *Articolazione a squadra snodata* | | AR4208. Ø |
| 4 | Pin anti-rotation / **Axe anti-rotation** / *Perno antirotazione* | | AR41803. Ø |
| 5 | Narrow female hinge / **Chape femelle étroite** / *Cerniera femmina stretta* | AR41801. Ø -V | AR4212. Ø -V |
| 7 | Pedestal / **Equerre** / *Piedino* | | AR4152. Ø -V |
| 8 | Flange / **Bride** / *Flangia* | | AR4151. Ø -V |
| 9 | Female hinge / **Chape arrière femelle**/ *Cerniera femmina* | AR4147. Ø -V | AR4184. Ø -V |
| 11 | Pivot for hinge / **Axe chape arrière** / *Perno per cerniera* | | AR4150. Ø |

| POS. | DESCRIPTION | ALUMINIUM **ALUMINIUM** *ALLUMINIO* | STEEL **ACIER** *ACCIAIO* |
|---|---|---|---|
| 12 | Male hinge / **Chape mâle arrière** / *Cerniera maschio* | AR4149. Ø -V | AR4186. Ø -V |
| 14 | Square joint / **Articulation equerre** / *Articicolazione a squadra* | AR4156. Ø | AR4207. Ø |
| 20 | Centering Ring / **Bague De Centrage** / *Anello Di Centraggio Cm* | AR43977 Ø | |
| 21 | Oval switch / **Capteur oval** / *Sensore ovale* | AR4019... | |
| 22 | Floating joint / **Guide flottant** / *Giunto flottante* | | KU0017. Ø |
| 25 | Yoke / **Fourche** / *Forcella* | | AR4067... |
| 26 | Rod ends / **Chape de tige rotulée** / *Testa a snodo* | | AR4066... |
| 27 | Self-aligning joint / **Chape Auto-Alignante** / *Giunto autoallineante* | | AR406... |

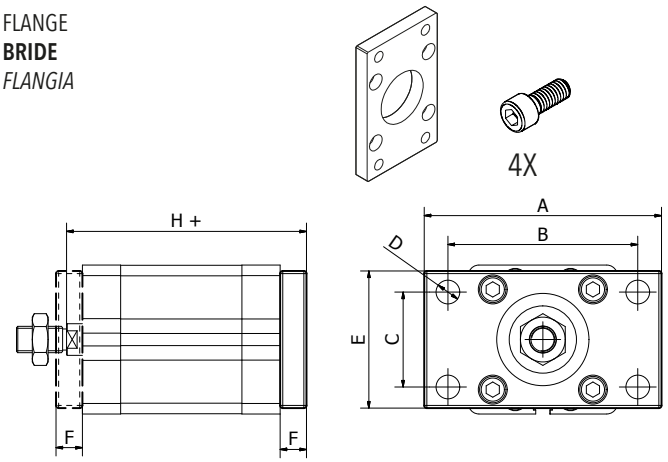
## PEDESTAL
**EQUERRE**
*PIEDINO*




| CODE | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|
| **AR4152 Ø -V** | Steel / **Acier** / *Acciaio* |

| Ø | A | B | C | D | E | H | L | M | S | weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|
| **12-16** | 18 | 30 | 24 | 13 | 17.5 | 53 | 61 | 5.5 | 3 | 20 |
| **020** | 22 | 36 | 27 | 16 | 22 | 59 | 69 | 6.6 | 4 | 32 |
| **025** | 26 | 40 | 30 | 16 | 22 | 61 | 71 | 6.6 | 4 | 38 |
| **032** | 32 | 45 | 32 | 24 | 35 | 74 | 93 | 7 | 4 | 66 |
| **040** | 36 | 52 | 36 | 28 | 36 | 79 | 101 | 9 | 4 | 78 |
| **050** | 45 | 65 | 45 | 32 | 47 | 85 | 109 | 9 | 5 | 168 |
| **063** | 50 | 75 | 50 | 32 | 45 | 89 | 114 | 9 | 5 | 190 |
| **080** | 63 | 95 | 63 | 41 | 55 | 104 | 137 | 12 | 6 | 382 |
| **100** | 75 | 115 | 71 | 41 | 57 | 117 | 149 | 14 | 6 | 452 |

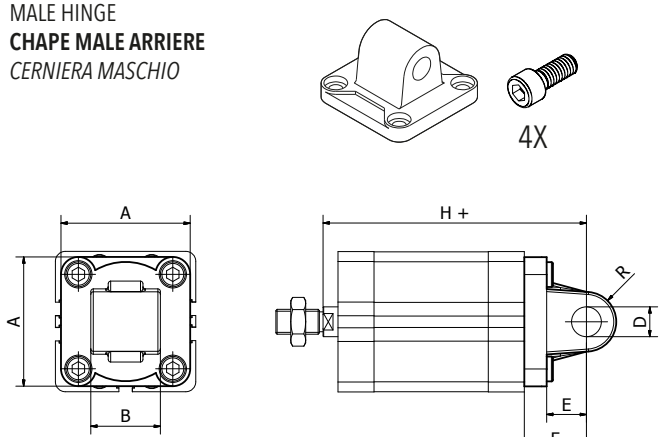
## FLANGE
**BRIDE**
*FLANGIA*




| CODE | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|
| **AR4151 Ø -V** | Steel / **Acier** / *Acciaio* |

| Ø | A | B | C | D | E | F | H | weight (g) |
|---|---|---|---|---|---|---|---|---|
| **12-16** | 55 | 43 | - | 5.5 | 29 | 10 | 50 | 10 |
| **020** | 70 | 55 | - | 6.6 | 36 | 10 | 53 | 16 |
| **025** | 76 | 60 | - | 6.6 | 40 | 10 | 55 | 20 |
| **032** | 80 | 64 | 32 | 7 | 45 | 10 | 60 | 190 |
| **040** | 90 | 72 | 36 | 9 | 52 | 10 | 61 | 246 |
| **050** | 110 | 90 | 45 | 9 | 65 | 12 | 65 | 478 |
| **063** | 120 | 100 | 50 | 9 | 75 | 12 | 69 | 622 |
| **080** | 150 | 126 | 63 | 12 | 95 | 16 | 79 | 1430 |
| **100** | 170 | 150 | 75 | 14 | 115 | 16 | 92 | 1986 |

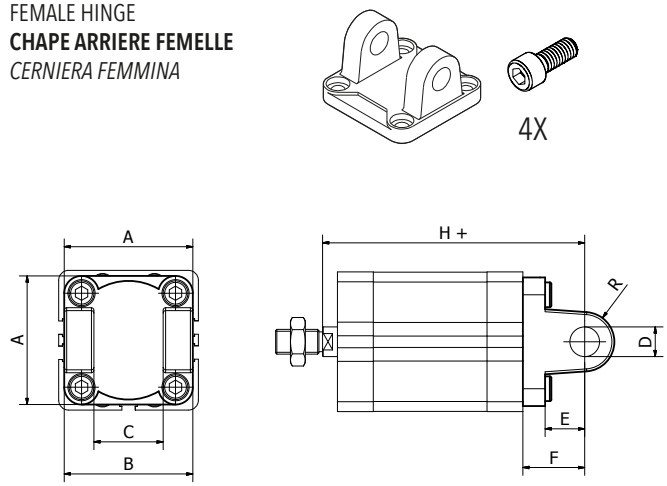
## MALE HINGE
**CHAPE MALE ARRIERE**
*CERNIERA MASCHIO*




| CODE | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|
| **AR4149 Ø -V** | Aluminium / **Aluminium** / *Alluminio* |
| **AR4186 Ø -V** | Steel / **Acier** / *Acciaio* |

| Ø | A | B | D | E | F | H | R | weight (g) | weight (g) |
|---|---|---|---|---|---|---|---|---|---|
| **016** | 27 | 12 | 6 | 10 | 16 | 56 | 6 | 17 | |
| **020** | 36 | 16 | 8 | 12 | 20 | 63 | 8 | 21 | - |
| **025** | 39.5 | 16 | 8 | 12 | 20 | 65 | 8 | 27 | - |
| **032** | 45 | 26 | 10 | 13 | 22 | 72 | 10 | 54 | 176 |
| **040** | 52 | 28 | 12 | 16 | 25 | 76 | 12 | 76 | 274 |
| **050** | 65 | 32 | 12 | 16 | 27 | 80 | 12 | 124 | 368 |
| **063** | 75 | 40 | 16 | 21 | 32 | 89 | 16 | 212 | 282 |
| **080** | 95 | 50 | 16 | 22 | 36 | 99 | 16 | 420 | 1196 |
| **100** | 115 | 60 | 20 | 27 | 41 | 117 | 20 | 666 | 2100 |

## FEMALE HINGE
**CHAPE ARRIERE FEMELLE**
*CERNIERA FEMMINA*




| CODE | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|
| **AR4147 Ø -V** | Aluminium / **Aluminium** / *Alluminio* |
| **AR4184 Ø -V** | Steel / **Acier** / *Acciaio* |

| Ø | A | B | C | D | E | F | H | R | weight (g) | weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|
| **032** | 45 | 45 | 26 | 10 | 13 | 22 | 72 | 10 | 48 | 138 |
| **040** | 52 | 52 | 28 | 12 | 16 | 25 | 76 | 12 | 75 | 230 |
| **050** | 65 | 60 | 32 | 12 | 16 | 27 | 80 | 12 | 124 | 338 |
| **063** | 75 | 70 | 40 | 16 | 21 | 32 | 89 | 16 | 192 | 540 |
| **080** | 95 | 90 | 50 | 16 | 22 | 36 | 99 | 16 | 380 | 1000 |
| **100** | 115 | 110 | 60 | 20 | 27 | 41 | 117 | 20 | 620 | 1700 |



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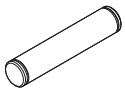
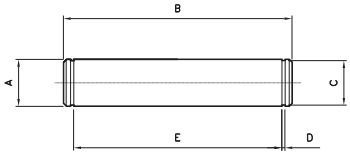
PIVOT FOR FEMALE HINGE
**AXE POUR CHAPE FEMELLE**
*PERNO PER CERNIERA FEMMINA*



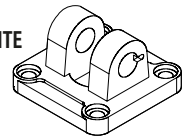
2X



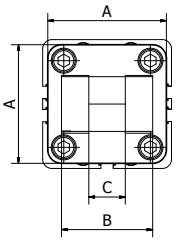

| CODE | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|
| **AR4150 Ø** | Steel / **Acier** / *Acciaio* |

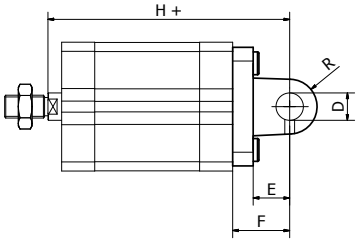
| Ø | A | B | C | D | E | weight (g) |
|---|---|---|---|---|---|---|
| **032** | 10 | 53 | 9.6 | 1.1 | 46 | 32 |
| **040** | 12 | 60 | 11.5 | 1.1 | 53 | 52 |
| **050** | 12 | 68 | 11.5 | 1.1 | 61 | 60 |
| **063** | 16 | 78 | 15.2 | 1.1 | 71 | 122 |
| **080** | 16 | 98 | 15.2 | 1.1 | 91 | 152 |
| **100** | 20 | 118 | 19 | 1.3 | 111 | 290 |

NARROW FEMALE HINGE
**CHAPE ARRIERE FEMELLE ÉTROITE**
*CERNIERA FEMMINA STRETTA*



4X

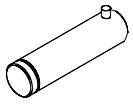


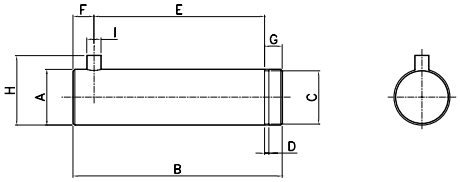

| CODE | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|
| **AR41801 Ø -V** | Aluminium / **Aluminium** / *Alluminio* |
| **AR4212 Ø -V** | Steel / **Acier** / *Acciaio* |

| Ø | A | B | C | D | E | F | H | R | weight (g) | weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|
| **032** | 45 | 34 | 14 | 10 | 13 | 22 | 72 | 10 | 42 | 140 |
| **040** | 52 | 40 | 16 | 12 | 16 | 25 | 76 | 12 | 70 | 230 |
| **050** | 65 | 45 | 21 | 16 | 16 | 27 | 80 | 14 | 112 | 336 |
| **063** | 75 | 51 | 21 | 16 | 21 | 32 | 89 | 18 | 194 | 546 |
| **080** | 95 | 65 | 25 | 20 | 22 | 36 | 99 | 20 | 382 | 1190 |
| **100** | 115 | 75 | 25 | 20 | 27 | 41 | 117 | 22 | 610 | 1840 |

PIN ANTI-ROTATION FOR NARROW FEMALE HINGE
**AXE ANTI-ROTATION POUR CHAPE FEMELLE ÉTROIT**
*PERNO ANTIROTAZIONE PER CERNIERA STRETTA*



1X

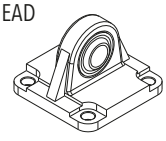




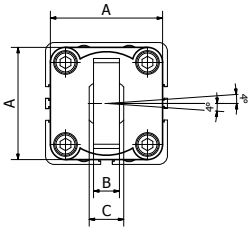

| CODE | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|
| **AR41803 Ø** | Steel / **Acier** / *Acciaio* |

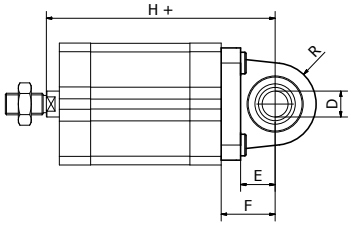
| Ø | A | B | C | D | E | F | G | H | I | weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|
| **032** | 10 | 41 | 9.6 | 1.1 | 32.5 | 4.5 | 4 | 14 | 3 | 26 |
| **040** | 12 | 48 | 11.5 | 1.1 | 38 | 6 | 4 | 16 | 4 | 42 |
| **050** | 16 | 54 | 15.2 | 1.1 | 43 | 6 | 5 | 20 | 4 | 84 |
| **063** | 16 | 60 | 15.2 | 1.1 | 49 | 6 | 5 | 20 | 4 | 94 |
| **080** | 20 | 75 | 19 | 1.3 | 63 | 6 | 6 | 24 | 4 | 184 |
| **100** | 20 | 85 | 19 | 1.3 | 73 | 6 | 6 | 24 | 4 | 208 |

MALE HINGE WITH ARTICULATED HEAD
**CHAPE ARRIERE ROTULEE**
*CERNIERA MASCHIO CON TESTINA SNODATA*



4X

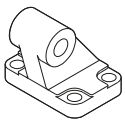


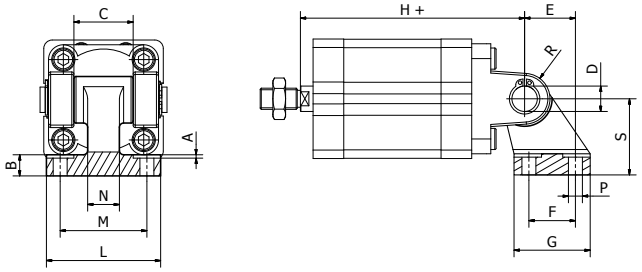




| CODE | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|
| **AR4226 Ø -V** | Aluminium / **Aluminium** / *Alluminio* |
| **AR4261 Ø -V** | Steel / **Acier** / *Acciaio* |

| Ø | A | B | C | D | E | F | H | R | weight (g) | weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|
| **32** | 45 | 10,5 | 14 | 10 | 13 | 22 | 72 | 16 | 65 | 152 |
| **40** | 52 | 12 | 16 | 12 | 16 | 25 | 76 | 19 | 100 | 256 |
| **50** | 65 | 15 | 21 | 16 | 16 | 27 | 80 | 21 | 180 | 364 |
| **63** | 75 | 15 | 21 | 16 | 21 | 32 | 89 | 24 | 244 | 595 |
| **80** | 95 | 18 | 25 | 20 | 22 | 36 | 99 | 28,5 | 476 | 1122 |
| **100** | 115 | 18 | 25 | 20 | 27 | 41 | 117 | 30 | 646 | 1786 |

## SQUARE JOINT
**ARTICULATION ARRIERE D'EQUERRE**
*ARTICOLAZIONE A SQUADRA*

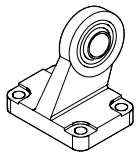


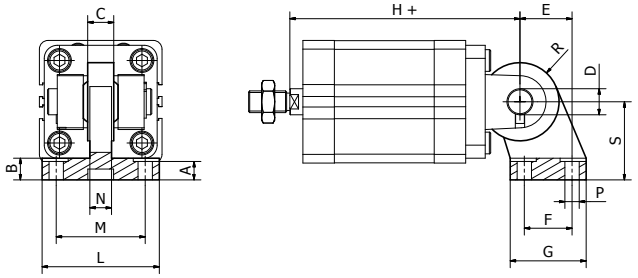



| CODE | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|
| **AR4156 Ø** | Aluminium / **Aluminium** / *Alluminio* |
| **AR4207 Ø** | Steel / **Acier** / *Acciaio* |

| Ø | A | B | C | D | E | F | G | H | L | M | N | P | R | S | (g) | (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **032** | 1.6 | 8 | 26 | 10 | 21 | 18 | 31 | 72 | 51 | 38 | 10 | 6.6 | 10 | 32 | 56 | 158 |
| **040** | 1.6 | 10 | 28 | 12 | 24 | 22 | 35 | 76 | 54 | 41 | 15 | 6.6 | 12 | 36 | 80 | 238 |
| **050** | 1.6 | 12 | 32 | 12 | 33 | 30 | 45 | 80 | 65 | 50 | 16 | 9 | 12 | 45 | 142 | 418 |
| **063** | 1.6 | 14 | 40 | 16 | 37 | 35 | 50 | 89 | 67 | 52 | 16 | 9 | 16 | 50 | 200 | 526 |
| **080** | 2.5 | 14 | 50 | 16 | 47 | 40 | 60 | 99 | 86 | 66 | 20 | 11 | 16 | 63 | 312 | 1055 |
| **100** | 2.5 | 17 | 60 | 20 | 55 | 50 | 70 | 117 | 96 | 76 | 20 | 11 | 20 | 71 | 510 | 1510 |

## SQUARE JOINT WITH ARTIC.HEAD
**ARTICULATION ARRIERE EQUERRE**
*ARTICOLAZIONE A SQUADRA*
*CON TESTA SNODATA*

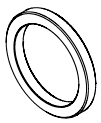


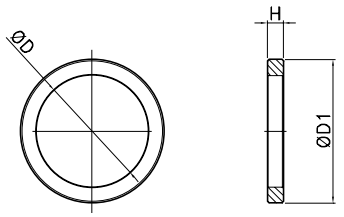



| CODE | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|
| **AR4208 Ø** | Steel / **Acier** / *Acciaio* |

| Ø | A | B | C | D | E | F | G | H | L | M | N | P | R | S | weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **032** | 8.5 | 10 | 14 | 10 | 21 | 18 | 31 | 72 | 51 | 38 | 10.5 | 6.6 | 15 | 32 | 178 |
| **040** | 8.5 | 10 | 16 | 12 | 24 | 22 | 35 | 76 | 54 | 41 | 12 | 6.6 | 18 | 36 | 268 |
| **050** | 10.5 | 12 | 21 | 16 | 33 | 30 | 45 | 80 | 65 | 50 | 15 | 9 | 20 | 45 | 459 |
| **063** | 10.5 | 12 | 21 | 16 | 37 | 35 | 50 | 89 | 67 | 52 | 15 | 9 | 23 | 50 | 550 |
| **080** | 11.5 | 14 | 25 | 20 | 47 | 40 | 60 | 99 | 86 | 66 | 18 | 11 | 27 | 63 | 970 |
| **100** | 12.5 | 15 | 25 | 20 | 55 | 50 | 70 | 117 | 96 | 76 | 18 | 11 | 30 | 71 | 1326 |

## CENTERING RING FOR CM - ISO 21287
**BAGUE DE CENTRAGE POUR CM - ISO 21287**
*ANELLO DI CENTRAGGIO PER CM - ISO 21287*



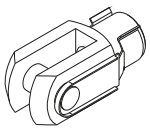


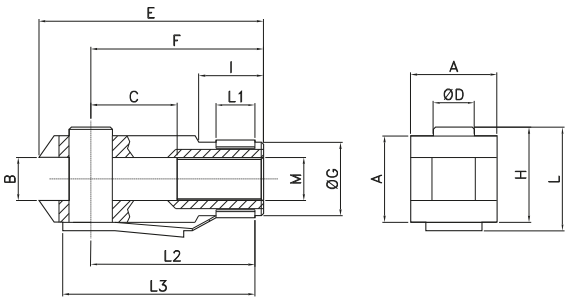

| CODE | MATERIAL / **MATIÈRE** / *MATERIALE* |
|---|---|
| **AR43977 Ø** | Aluminium / **Aluminium** / *Alluminio* |

| Ø | D | D1 | H |
|---|---|---|---|
| **032** | 20.5 | 30 | 4 |
| **040** | 25.5 | 35 | 4 |
| **050** | 30.5 | 40 | 5 |
| **063** | 35 | 45 | 5 |
| **080** | 35 | 45 | 6 |
| **100** | 45 | 55 | 6 |

## YOKE WITH CLIP
**FOURCHE AVEC CLIP**
*FORCELLA CON CLIP*

Material: Steel
**Matière: Acier**
*Materiale: Acciaio*



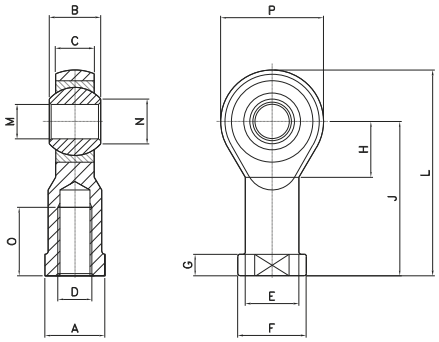



| CODE | Ø |
|---|---|
| **AR40671** | 16 |
| **AR40672** | 20-25 |
| **AR40673** | 32-40 |
| **AR40674** | 50-63 |
| **AR40675** | 80-100 |

| Ø | A | B | C | D | E | F | G | H | I | M | L | L1 | L2 | L3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **16** | 12 | 6 | 12 | 6 | 31 | 24 | 10 | 14 | 9 | M6 | 16 | 6 | 23 | 28 |
| **20-25** | 16 | 8 | 16 | 8 | 42 | 32 | 14 | 19 | 12 | M8 | 22 | 8 | 31 | 37 |
| **32-40** | 20 | 10 | 20 | 10 | 52 | 40 | 18 | 23 | 15 | M10x1.25 | 26 | 10 | 39 | 46 |
| **50-63** | 24 | 12 | 24 | 12 | 62 | 48 | 20 | 28 | 18 | M12x1.25 | 32 | 12 | 47 | 55 |
| **80-100** | 32 | 16 | 32 | 16 | 83 | 64 | 26 | 36 | 24 | M16x1.5 | 40 | 14 | 62 | 72 |

## ROD ENDS
**CHAPE DE TIGE ROTULEE**
*TESTA A SNODO*

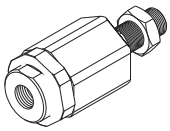
Material: Steel
**Matière: Acier**
*Materiale: Acciaio*



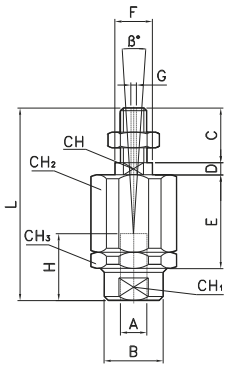

| CODE | Ø |
|---|---|
| **AR40656** | 16 |
| **AR40657** | 20-25 |
| **AR40660** | 32-40 |
| **AR40662** | 50-63 |
| **AR40665** | 80-100 |

| Ø | A | B | C | D | E | F | G | H | J | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **16** | 11 | 9 | 6.75 | M6 | 10 | 13 | 5 | 11 | 30 | 40 | 6 | 8.9 | 12 | 20 |
| **20-25** | 14 | 12 | 9 | M8 | 12.5 | 16 | 5 | 13 | 36 | 48 | 8 | 10.4 | 16 | 24 |
| **32-40** | 17 | 14 | 10.5 | M10x1.25 | 15 | 19 | 6.5 | 15 | 43 | 57 | 10 | 12.9 | 20 | 28 |
| **50-63** | 19 | 16 | 12 | M12x1.25 | 17.5 | 22 | 6.5 | 17 | 50 | 66 | 12 | 15.4 | 22 | 32 |
| **80-100** | 22 | 21 | 15 | M16x1.5 | 22 | 27 | 8 | 23 | 64 | 85 | 16 | 19.3 | 28 | 42 |

## SELF-ALIGNING JOINT
**CHAPE AUTO-ALIGNANTE**
*GIUNTO AUTOALLINEANTE*



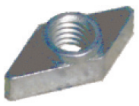
Material: Steel
**Matière: Acier**
*Materiale: Acciaio*

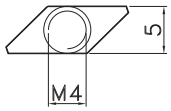



| CODE | Ø |
|---|---|
| **AR40689** | 32-40 |
| **AR40691** | 50-63 |
| **AR40693** | 80-100 |

| Ø | A | B | C | D | E | F | G | H | L | CH | $CH_1$ | $CH_2$ | $CH_3$ | B° |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **32-40** | M10x1.25 | 22 | 20 | 5 | 35 | 14 | 2 | 20 | 71 | 12 | 19 | 30 | 32 | 10 |
| **50-63** | M12x1.25 | 22 | 24 | 5 | 35 | 14 | 2 | 20 | 75 | 12 | 19 | 30 | 32 | 10 |
| **80-100** | M16x1.5 | 32 | 32 | 8 | 54 | 22 | 2 | 32 | 103 | 20 | 30 | 41 | 45 | 10 |

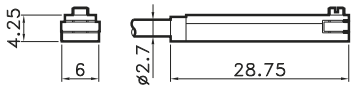
## VALVE FIXING PLAQUE FOR CY CYLINDERS
**FIXATION POUR VALVE SUR VERIN CY**
*PIASTRINA FISSAGGIO VALVOLA SU CILINDRO*

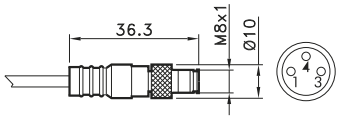





| CODE | |
|---|---|
| **AR4213** | without screws / **sans vis** / *senza viti* |
| **AR4213V** | with screws for VY / **avec vis pour VY** / *con viti per VY* |

## T SWITCH
**CAPTEUR EN T**
*SENSORE A T*




4= black / **noire** / *nero*
1= brown / **brun** / *marrone*
3= blue / **bleu** / *azzurro*

| CODE | |
|---|---|
| **AR4023010** | REED (MT.2,5) / **REED (MT.2,5)** / *REED (MT.2,5)* |
| **AR4023020** | HALL (MT.2,5) / **HALL (MT.2,5)** / *HALL (MT.2,5)* |
| **AR4023110** | REED + M8 (CM 30) / **REED + M8** / *REED + M8 (CM 30)* |
| **AR4023120** | HALL + M8 (CM 30) / **HALL + M8** / *HALL + M8 (CM 30)* |

For technical data see page 1.74
**Pour les données techniques, voir page 1.74**
*Per i dati tecnici vedere pag. 1.74*