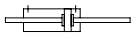
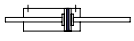
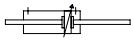
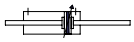
# CILINDRI TONDI CP95 Ø32-63 CP95 ROUND CYLINDERS Ø32-63



Cilindri dal Ø32 al Ø63
Altamente resistenti con testate cianfrinate e camicia in acciaio inox. Disponibili in versione magnetica o non, con o senza ammortizzo regolabile, semplice o doppio effetto, a stelo singolo o passante. Ampia gamma di accessori. Su richiesta sono fornibili in varie esecuzioni speciali ed in versione conforme alla direttiva 2014/34/UE ATEX.

Cylinders from Ø32 to Ø63
Highly resistant with crimped covers and stainless steel barrel. Available with or without magnet, with or without adjustable cushioning, single or double acting, single or through piston rod. Wide range of mounting accessories. Special versions are available. On request compliant with 2014/34/UE ATEX directive.

## VERSIONE VERSION

| | | | |
|---|---|---|---|
| CSE |  | CDEMA |  |
| CSEM |  | CDEP |  |
| CDE |  | CDEMP |  |
| CDEM |  | CDEAP |  |
| CDEA |  | CDEMAP |  |

## INFORMAZIONI TECNICHE TECHNICAL INFORMATION

| | |
|---|---|
| **Testate**<br>Covers | **Alluminio anodizzato**<br>Anodized Aluminium |
| **Tubo**<br>Tube | **Acciaio inox AISI304**<br>AISI304 Stainless steel |
| **Pistone**<br>Piston | **Alluminio**<br>Aluminium |
| **Guarnizioni**<br>Seals | **Poliuretano**<br>Polyurethane |
| **Boccola guida**<br>Guiding bush | **Bronzo sinterizzato**<br>Sintered bronze |
| **Stelo**<br>Piston rod | **Acciaio inox AISI303**<br>AISI303 Stainless steel |
| **Pressione MAX**<br>MAX pressure | **10 bar** |
| **Temperatura di impiego**<br>Working temperature | **-35°C +80°C con aria secca**<br>-35°C +80°C with dry air |
| **Fluido**<br>Working fluid | **Aria compressa filtrata e lubrificata e non**<br>Filtered and lubricated or not compressed air |

## CHIAVI DI CODIFICA CYLINDERS KEY CODE

| CDEMA | 50 | 50 | V |
|---|---|---|---|

| Versione<br>Version | | Diametro<br>Diameter | Corsa<br>Stroke | Guarnizioni<br>Seals | |
|---|---|---|---|---|---|
| CSE | **Semplice effetto molla anteriore non magnetico**<br>Single acting front spring non magnetic | 32 | 0...1000 | - | Standard |
| CSEM | **Semplice effetto molla anteriore magnetico**<br>Single acting front spring magnetic | 40 | | V | Guarnizioni FKM<br>FKM seals |
| CDE | **Doppio effetto non magnetico**<br>Double acting non magnetic | 50 | | VG | Guarnizione stelo FKM<br>FKM rod seal |
| CDEM | **Doppio effetto magnetico**<br>Double acting magnetic | 63 | | | |
| CDEA | **Doppio effetto con ammortizzo regolabile non magnetico**<br>Double acting with adjustable cushioning non magnetic | | | | |
| CDEMA | **Doppio effetto con ammortizzo regolabile magnetico**<br>Double acting with adjustable cushioning magnetic | | | | |
| CDEP | **Doppio effetto stelo passante non magnetico**<br>Double acting through rod non magnetic | | | | |
| CDEMP | **Doppio effetto stelo passante magnetico**<br>Double acting through rod magnetic | | | | |
| CDEAP | **Doppio effetto stelo passante con ammortizzo regolabile non magnetico**<br>Double acting through rod with adjustable cushioning non magnetic | | | | |
| CDEMAP | **Doppio effetto stelo passante con ammortizzo regolabile magnetico**<br>Double acting through rod with adjustable cushioning magnetic | | | | |

## CORSE STANDARD CILINDRO DOPPIO EFFETTO
## STANDARD STROKES DOUBLE ACTING CYLINDER

| Ø (mm) | Corse standard (mm) Standard strokes (mm) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *32* | 10 | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 |
| *40* | 10 | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 |
| *50* | 10 | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 |
| *63* | 10 | 25 | 40 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 |

## CORSE STANDARD CILINDRO SEMPLICE EFFETTO
## STANDARD STROKES SINGLE ACTING CYLINDER

| Ø (mm) | Corse standard (mm) Standard strokes (mm) | | |
|---|---|---|---|
| *32* | 10 | 25 | 50 |
| *40* | 10 | 25 | 50 |
| *50* | 10 | 25 | 50 |
| *63* | 10 | 25 | 50 |

## FORZE TEORICHE A 6 BAR
## THEORETICAL FORCES AT 6 BAR

| Ø (mm) | Forza di spinta (N) Thrust force (N) | Forza di trazione (N) Traction force (N) |
|---|---|---|
| *32* | 482 | 414 |
| *40* | 754 | 633 |
| *50* | 1178 | 989 |
| *63* | 1869 | 1681 |

## FORZE TEORICHE DELLE MOLLE
## THEORETICAL SPRING FORCES

| | Molla anteriore Front spring | | | | | |
|---|---|---|---|---|---|---|
| | Corsa Stroke 10 | | Corsa Stroke 25 | | Corsa Stroke 50 | |
| *Ø (mm)* | F1(N) | F2(N) | F1(N) | F2(N) | F1(N) | F2(N) |
| *32* | 57 | 62 | 51 | 62 | 40 | 62 |
| *40* | 98 | 105 | 86 | 105 | 64 | 105 |
| *50* | 147 | 158 | 130 | 158 | 101 | 158 |
| *63* | 147 | 158 | 130 | 158 | 101 | 158 |

## VARIANTI
## VARIANTS

| Simbolo Symbol | Caratteristiche Features |
|---|---|
| | Resistente alle alte temperature -10…+150°C<br>Heat-resistant -10…+150°C |
| | Resistente alle basse temperature -40…+80°C<br>Low temperature resistant -40…+80°C |
| | Stelo prolungato<br>Piston rod extension |
| | Basso attrito<br>Low friction |
| | Raschia stelo duro in poliestere<br>Hard wiper in polyester |
| | Stelo in acciaio inox<br>Stainless steel piston rod |
| FDA | Lubrificazione FDA<br>FDA lubrication |

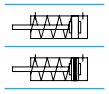
| Simbolo Symbol | Caratteristiche Features |
|---|---|
| | Filettature e steli su richiesta<br>Custom made thread or piston rod |
| | Certificazione ATEX<br>ATEX certification |
| | Guarnizione stelo ad elevata resistenza chimica<br>Rod seal with increased chemical resistance |
| C1 + C2 | Configurazione tandem a più posizioni<br>Multi position configuration |
| 2xF | Configurazione tandem a doppia spinta<br>Double thrust tandem configuration |
| | Configurazione tandem contrapposti anteriore<br>Front opposed tandem configuration |
| | Configurazione tandem contrapposti posteriore<br>Rear opposed tandem configuration |

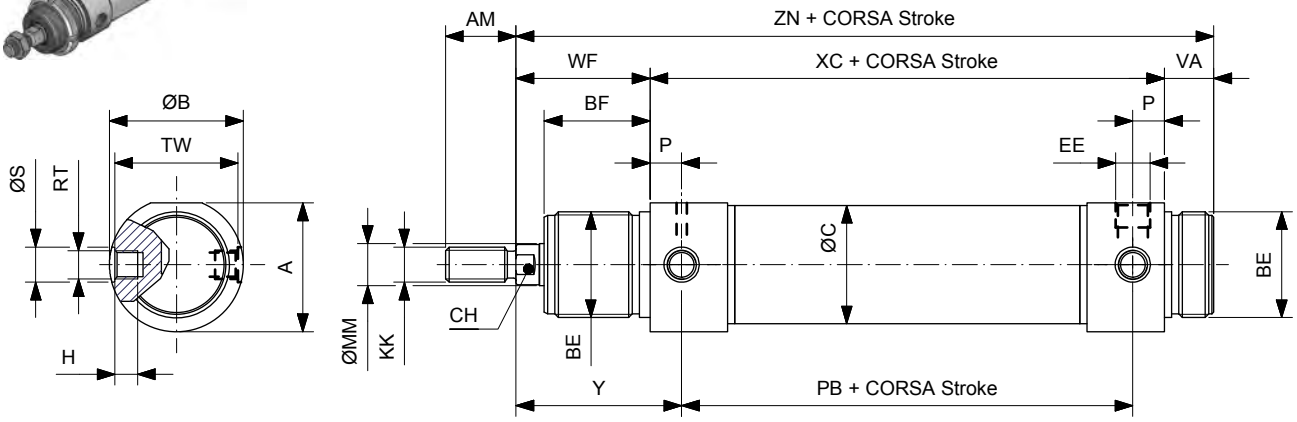
# CILINDRI TONDI CP95 Ø32-63 CP95 ROUND CYLINDERS Ø32-63

## SEMPLICE EFFETTO
## SINGLE ACTING

**CSEØ/...** **CSEMØ/...**





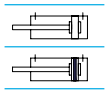


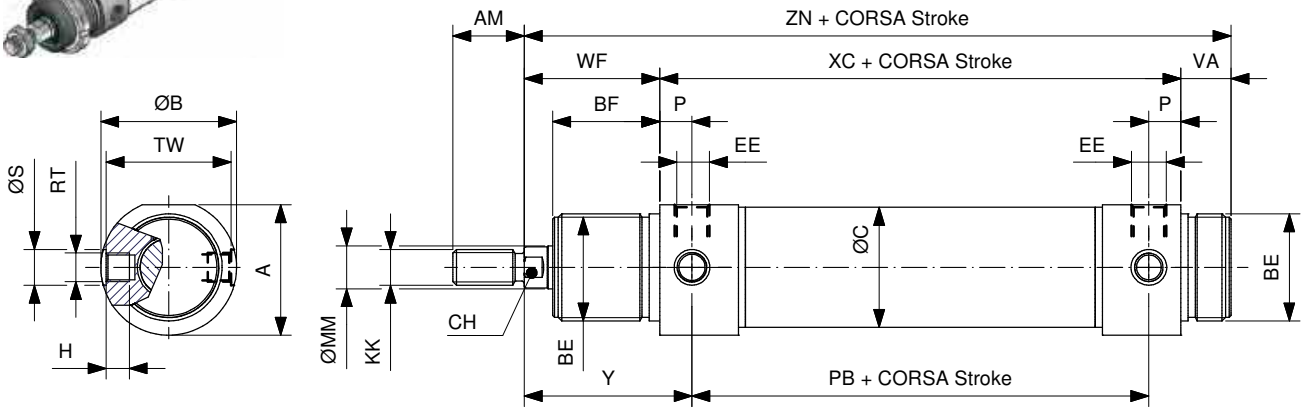

| Ø | A | ØB | AM | BE | BF | EE | KK | TW | H | ØS | RT | ØMM | PB | VA | WF | Y | ZN | ØC | P | XC | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *32* | 36.5 | 38 | 20 | M30X1.5 | 30 | 1/8"G | M10x1.5 | 35 | 6.5 | 10 | M8X1 | 12 | 78 | 14 | 38 | 47 | 148 | 33.6 | 9 | 96 | 10 |
| *40* | 44 | 46 | 24 | M38x1.5 | 35 | 1/4"G | M12x1.75 | 42 | 8 | 12 | M10x1 | 16 | 89 | 16 | 45 | 57 | 174 | 41.6 | 12 | 113 | 13 |
| *50* | 55 | 57 | 32 | M45x1.5 | 38 | 1/4"G | M16x2 | 53 | 10 | 16 | M12x1.5 | 20 | 96 | 18 | 50 | 62 | 188 | 52.4 | 12 | 120 | 17 |
| *63* | 67.5 | 70 | 32 | M45x1.5 | 38 | 3/8"G | M16x2 | 66 | 17 | 16 | M14x1.5 | 20 | 98 | 18 | 50 | 63 | 192 | 65.4 | 13 | 124 | 17 |

## DOPPIO EFFETTO
## DOUBLE ACTING

**CDEØ/...** **CDEMØ/...**





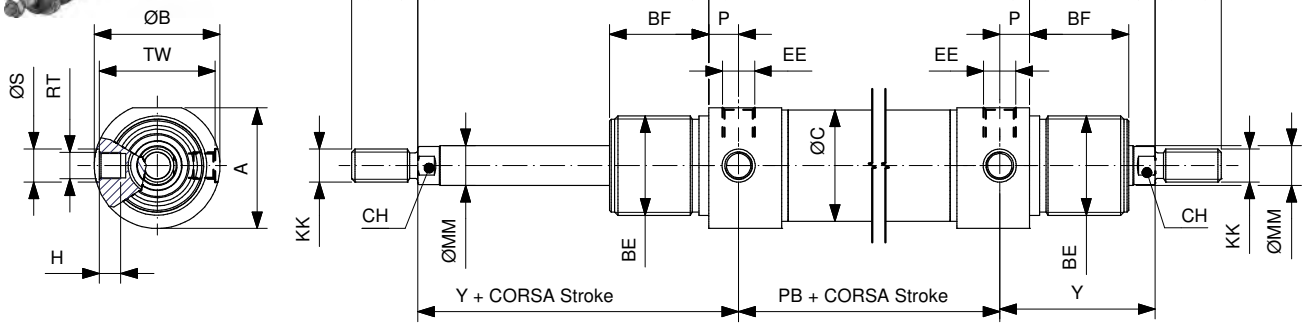



| Ø | A | ØB | AM | BE | BF | EE | KK | TW | H | ØS | RT | ØMM | PB | VA | WF | Y | ZN | ØC | P | XC | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *32* | 36.5 | 38 | 20 | M30X1.5 | 30 | 1/8"G | M10x1.5 | 35 | 6.5 | 10 | M8X1 | 12 | 78 | 14 | 38 | 47 | 148 | 33.6 | 9 | 96 | 10 |
| *40* | 44 | 46 | 24 | M38x1.5 | 35 | 1/4"G | M12x1.75 | 42 | 8 | 12 | M10x1 | 16 | 89 | 16 | 45 | 57 | 174 | 41.6 | 12 | 113 | 13 |
| *50* | 55 | 57 | 32 | M45x1.5 | 38 | 1/4"G | M16x2 | 53 | 10 | 16 | M12x1.5 | 20 | 96 | 18 | 50 | 62 | 188 | 52.4 | 12 | 120 | 17 |
| *63* | 67.5 | 70 | 32 | M45x1.5 | 38 | 3/8"G | M16x2 | 66 | 17 | 16 | M14x1.5 | 20 | 98 | 18 | 50 | 63 | 192 | 65.4 | 13 | 124 | 17 |

## DOPPIO EFFETTO PASSANTE
## DOUBLE ACTING THROUGH PISTON ROD

**CDEPØ/...** **CDEMPØ/...**



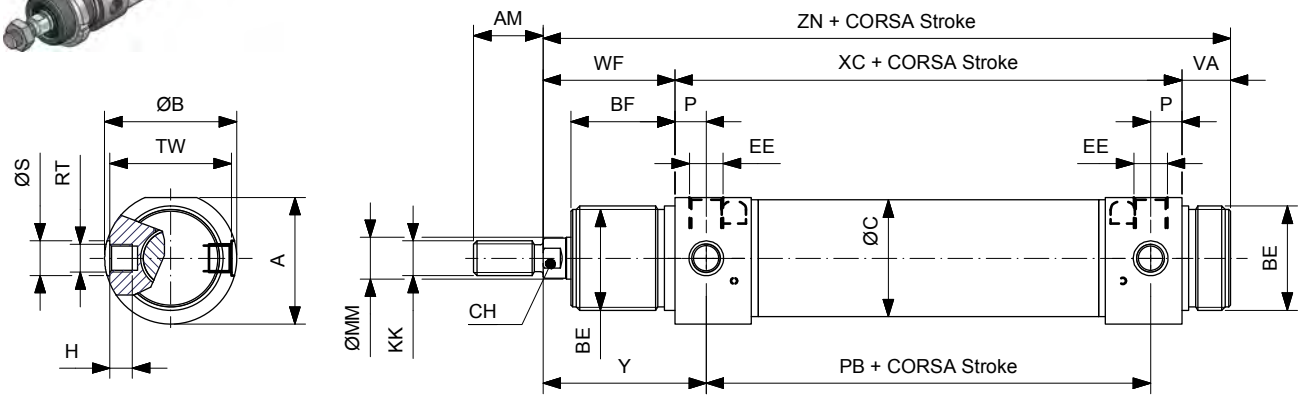



| Ø | A | ØB | AM | BE | BF | EE | KK | TW | H | ØS | RT | ØMM | PB | WF | Y | ØC | P | XC | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *32* | 36.5 | 38 | 20 | M30X1.5 | 30 | 1/8"G | M10x1.5 | 35 | 6.5 | 10 | M8X1 | 12 | 78 | 38 | 47 | 33.6 | 9 | 96 | 10 |
| *40* | 44 | 46 | 24 | M38x1.5 | 35 | 1/4"G | M12x1.75 | 42 | 8 | 12 | M10x1 | 16 | 89 | 45 | 57 | 41.6 | 12 | 113 | 13 |
| *50* | 55 | 57 | 32 | M45x1.5 | 38 | 1/4"G | M16x2 | 53 | 10 | 16 | M12x1.5 | 20 | 96 | 50 | 62 | 52.4 | 12 | 120 | 17 |
| *63* | 67.5 | 70 | 32 | M45x1.5 | 38 | 3/8"G | M16x2 | 66 | 17 | 16 | M14x1.5 | 20 | 98 | 50 | 63 | 65.4 | 13 | 124 | 17 |

## DOPPIO EFFETTO AMMORTIZZATO
## DOUBLE ACTING CUSHIONED

**CDEAØ/...** **CDEMAØ/...**



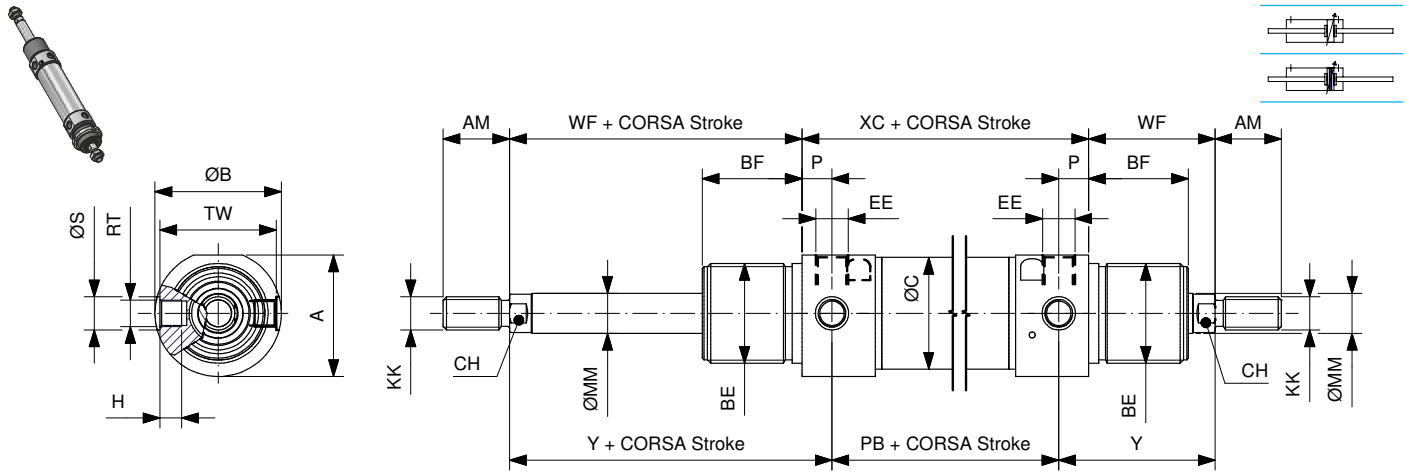



| Ø | A | ØB | AM | BE | BF | EE | KK | TW | H | ØS | RT | ØMM | PB | VA | WF | Y | ZN | ØC | P | XC | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| *40* | 44 | 46 | 24 | M38x1.5 | 35 | 1/4"G | M12x1.75 | 42 | 8 | 12 | M10x1 | 16 | 89 | 16 | 45 | 57 | 174 | 41.6 | 12 | 113 | 13 |
| *50* | 55 | 57 | 32 | M45x1.5 | 38 | 1/4"G | M16x2 | 53 | 10 | 16 | M12x1.5 | 20 | 96 | 18 | 50 | 62 | 188 | 52.4 | 12 | 120 | 17 |
| *63* | 67.5 | 70 | 32 | M45x1.5 | 38 | 3/8"G | M16x2 | 66 | 17 | 16 | M14x1.5 | 20 | 98 | 18 | 50 | 63 | 192 | 65.4 | 13 | 124 | 17 |

# CILINDRI TONDI CP95 Ø32-63 CP95 ROUND CYLINDERS Ø32-63

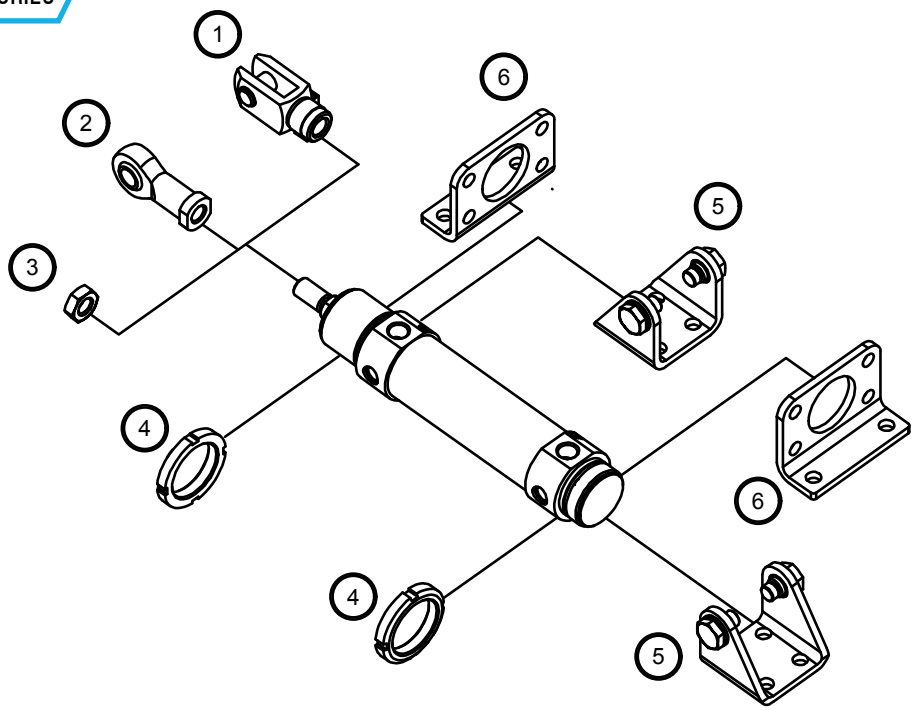
## DOPPIO EFFETTO AMMORTIZZATO PASSANTE
DOUBLE ACTING CUSHIONED THROUGH PISTON ROD

CDEAPØ/... CDEMAPØ/...




| Ø | A | ØB | AM | BE | BF | EE | KK | TW | H | ØS | RT | ØMM | PB | WF | Y | ØC | P | XC | CH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *32* | 36.5 | 38 | 20 | M30X1.5 | 30 | 1/8"G | M10x1.5 | 35 | 6.5 | 10 | M8X1 | 12 | 78 | 38 | 47 | 33.6 | 9 | 96 | 10 |
| *40* | 44 | 46 | 24 | M38x1.5 | 35 | 1/4"G | M12x1.75 | 42 | 8 | 12 | M10x1 | 16 | 89 | 45 | 57 | 41.6 | 12 | 113 | 13 |
| *50* | 55 | 57 | 32 | M45x1.5 | 38 | 1/4"G | M16x2 | 53 | 10 | 16 | M12x1.5 | 20 | 96 | 50 | 62 | 52.4 | 12 | 120 | 17 |
| *63* | 67.5 | 70 | 32 | M45x1.5 | 38 | 3/8"G | M16x2 | 66 | 17 | 16 | M14x1.5 | 20 | 98 | 50 | 63 | 65.4 | 13 | 124 | 17 |

## ACCESSORI DI FISSAGGIO
MOUNTING ACCESSORIES




| | Descrizione<br>Description | Accaio<br>Steel | Accaio inox<br>Stainless steel |
|---|---|---|---|
| 1 | **Forcella** / Clevis | 131 | 147 |
| 2 | **Testa a snodo** / Rod end | 132 | 148 |
| 3 | **Dado per stelo** / Piston rod nut | 130 | 146 |
| 4 | **Ghiera** / Slotted nut | 130 | 147 |
| 5 | **Cerniera** / Hinge (MP3) | 144 | 154 |
| 6 | **Piedino flangia** / Foot flange | 144 | 154 |
| 7 | **Giunto autoallineante** / Self-aligning joint | 131 | - |