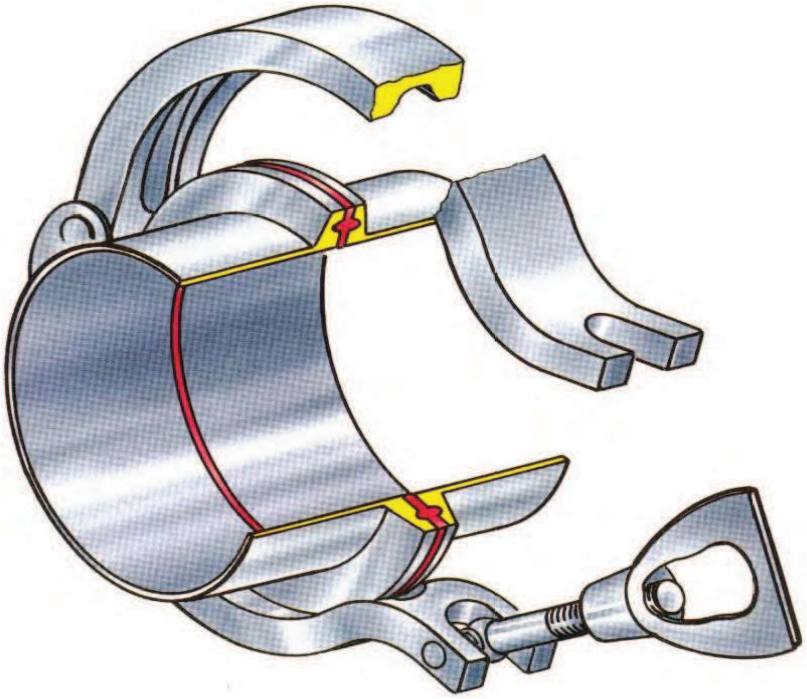
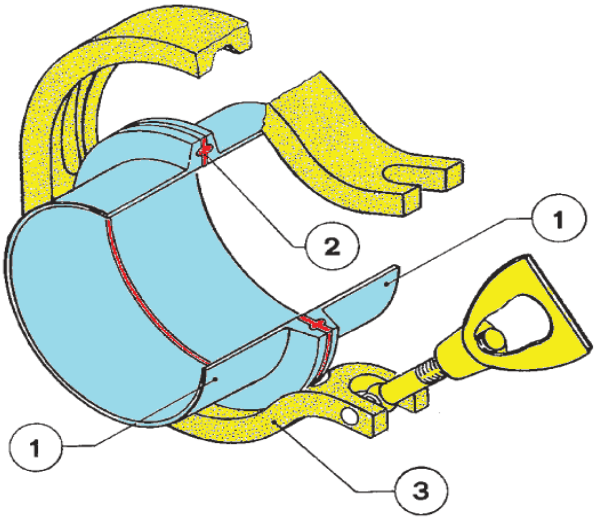


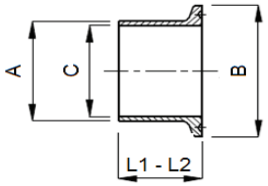



| Part | Mat. | Descrizione - Description - Description - Beschreibung |
|---|---|---|
| 1 | Aisi 316L | Raccordo clamp - Welding clamp - Ferrule à souder - Anschw. Clampstutzen |
| 2 | EPDM/SIL/VITON/NBR/PTFE | Guarnizione - Seal ring - Joint - Dichtring |
| 3 | Aisi 304 | Morsetto clamp - Heavy clamp - Collier - Klammer |

**PER TUBI ASTM A270 - FOR TUBE ASTM A270 - POUR PIPE ASTM A270 - FÜR ROHR ASTM A270**
**MAT.: AISI 316L - WN 1.4404**

## Art. 401 - 401B

**Tronchetto clamp BS 4825**
Welding ferrule clamp BS 4825
Ferrule a souder clamp BS 4825
Anschweisstutzen clamp BS 4825




**Ra STD < 0,8**

**on request Ra < 0,4**

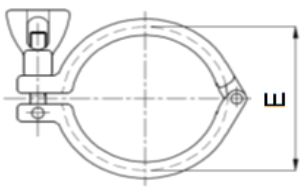
**Marked 3A**

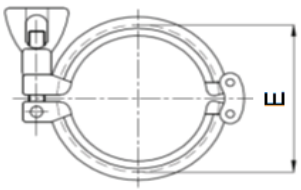


| DN (INCH) | 1/2" | 3/4" | 1" | 1"1/2 | 2" | 2"1/2 | 3" | 4" | 6" | 8" | 10" | 12" |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 12,7 | 19,05 | 25,4 | 38,1 | 50,8 | 63,5 | 76,2 | 101,6 | 152,5 | 203,3 | 254,1 | 304,8 |
| B | 25,2 | 25,2 | 50,5 | 50,5 | 64 | 77,5 | 91 | 119 | 166,87 | 217,67 | 268,47 | 319,27 |
| C | 9,4 | 15,75 | 22,1 | 34,8 | 47,5 | 60,2 | 72,9 | 97,4 | 146,96 | 197,66 | 246,98 | 297,68 |
| L1 ART.401 | 12,7 | 12,7 | 12,7 | 12,7 | 12,7 | 12,7 | 12,7 | 15,8 | | | | |
| L2 ART. 401B | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 |
| PN (bar) | 80 | 80 | 18 | 18 | 17 | 13 | 9 | 8 | 5 | 5 | 3 | 3 |
| PER TUBI ASTM A270 | 1/2" - 12,7 | 3/4" - 19,05 | 1" - 25,4 | 1"1/2 - 38,1 | 2" - 50,8 | 2"1/2 - 63,5 | 3" - 76,2 | 4" - 101,6 | 6" - 152,4 | 8" - 203,3 | 10" - 254 | 12" - 305 |

## Art. 402 - 402A

**Morsetto singolo/doppio snodo clamp BS 4825**
Heavy clamp single/double pin BS 4825
Collier BS 4825 / collier double agraphe
Klammer BS 4825 / zweigelenk klammer





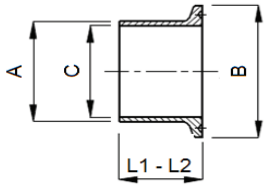



| DN (INCH) | 1/2" | 3/4" | 1" | 1"1/2 | 2" | 2"1/2 | 3" | 4" | 6" | 8" | 10" | 12" |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E | 28 | 28 | 53,6 | 53,6 | 67 | 80,6 | 94,2 | 122,2 | 170,7 | 197,6 | 273 | 324 |
| PER TUBI ASTM A270 | 1/2" - 12,7 | 3/4" - 19,05 | 1" - 25,4 | 1"1/2 - 38,1 | 2" - 50,8 | 2"1/2 - 63,5 | 3" - 76,2 | 4" - 101,6 | 6" - 152,4 | 8" - 203,3 | 10" - 254 | 12" - 305 |
| PN (bar) | 80 | 80 | 18 | 18 | 17 | 13 | 9 | 8 | 5 | 5 | 3 | 3 |

**PER TUBI ISO 1127 - FOR TUBE ISO 1127 - POUR PIPE ISO 1127 - FÜR ROHR ISO 1127**
**MAT.: AISI 316L - WN 1.4404**

## Art. 401I

**Tronchetto clamp ISO 2852**
Welding ferrule clamp ISO 2852
Ferrule a souder clamp ISO 2852
Anschweissstutzen clamp ISO 2852

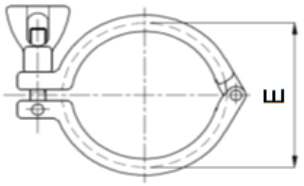


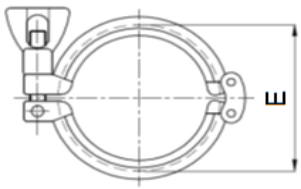



| DN | 8 | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 13,5 | 17,2 | 21,3 | 26,9 | 33,7 | 42,4 | 48,3 | 60,3 | 76,1 | 88,9 | 114,3 | 139,7 | 168,3 | 219,1 | 273 |
| B | 34 | 34 | 34 | 50,5 | 50,5 | 50,5 | 64 | 77,5 | 91 | 106 | 130 | 155 | 183 | 233,5 | 319,3 |
| C | 10,3 | 14 | 18,1 | 23,7 | 30,5 | 39,2 | 45,1 | 56,3 | 72,1 | 84,9 | 109,1 | 134,4 | 163 | 213,9 | 266,3 |
| L1 | 21,5 | 21,5 | 21,5 | 21,5 | 21,5 | 21,5 | 21,5 | | | | | | | | |
| L2 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 |
| PER TUBI ISO 1127 | 13,7 X 1,6 | 17,2 X 1,6 | 21,3 X 1,6 | 26,9 X 1,6 | 33,7 X 2 | 42,4 X 2 | 48,3 X 2 | 60,3 X 2 | 76,1 X 2 | 88,9 X 2 | 114,3 X 2 | 139,7 X 2 | 168,3 X 2,6 | 219,1 X 2,6 | 273 X 2,6 |

## Art. 402I - 402A

**Morsetto singolo/doppio snodo clamp ISO 2852**
Heavy clamp single/double pin ISO 2852
Collier ISO 2852 / collier double agraphe
Klammer ISO 2852 / zweigelenk Klammer





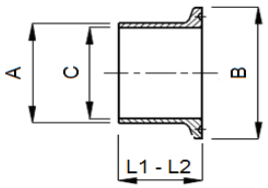



| DN | 8 | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E | 37 | 37 | 37 | 53,6 | 53,6 | 53,6 | 67 | 80,6 | 94,2 | 110 | 134,5 | 159 | 187 | 237,5 | 324 |
| PER TUBI ISO 1127 | 13,7 X 1,6 | 17,2 X 1,6 | 21,3 X 1,6 | 26,9 X 1,6 | 33,7 X 2 | 42,4 X 2 | 48,3 X 2 | 60,3 X 2 | 76,1 X 2 | 88,9 X 2 | 114,3 X 2 | 139,7 X 2 | 168,3 X 2,6 | 219,1 X 2,6 | 273 X 2,6 |
| PN (bar) | 80 | 80 | 80 | 18 | 18 | 18 | 17 | 13 | 9 | 8 | 8 | 5 | 5 | 3 | 3 |

**PER TUBI DIN 11850 - FOR TUBE DIN 11850 - POUR PIPE DIN 11850 - FÜR ROHR DIN 11850**
**MAT.: AISI 316L - WN 1.4404**

## Art. 401D

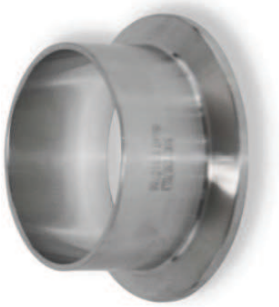
**Tronchetto clamp DIN 32676**
Welding ferrule clamp DIN 32676
Ferrule a souder clamp DIN 32676
Anschweisstutzen clamp DIN 32676




**Ra STD < 0,8**

**on request Ra < 0,4**

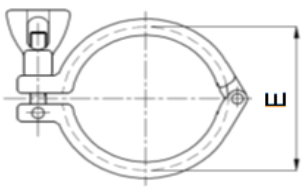
**Marked 3A**

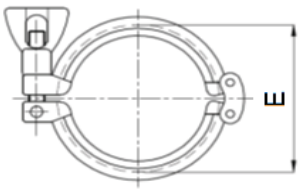


| DN | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 100 | 125 | 150 | 200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 12,0 | 18 | 22 | 28 | 34 | 40 | 52 | 70 | 85 | 101,6 | 104 | 129 | 154 | 204 |
| B | 34 | 34 | 34 | 50,5 | 50,5 | 50,5 | 64 | 91 | 106 | 119 | 119 | 155 | 183 | 233,5 |
| C | 9 | 15 | 19 | 25 | 31 | 37 | 49 | 66 | 81 | 97,6 | 100 | 125 | 150 | 200 |
| L1 | 21,5 | 21,5 | 21,5 | 21,5 | 21,5 | 21,5 | 21,5 | | | | | | | |
| L2 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 | 28,6 |
| PN (bar) | 80 | 80 | 80 | 18 | 18 | 18 | 17 | 9 | 8 | 8 | 8 | 5 | 5 | 3 |
| PER TUBI DIN 1850 | 12 X 1,5 | 18 X 1,5 | 22 X 1,5 | 28 X 1,5 | 34 X 1,5 | 40 X 1,5 | 52 X 1,5 | 70 X 2 | 85 X 2 | 101,6 X 2 | 104 X 2 | 129 X 2 | 154 X 2 | 204 X 2 |

## Art. 402D - 402A

**Morsetto singolo/doppio snodo clamp DIN 32676**
Heavy clamp single/double pin DIN 32676
Collier DIN 32676 / collier double agraphe
Klammer DIN 32676 / zweigelenk Klammer








| DN | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 100 | 125 | 150 | 200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E | 37 | 37 | 37 | 53,6 | 53,6 | 53,6 | 67 | 94,2 | 110 | 122 | 122 | 159 | 187 | 237,5 |
| PER TUBI DIN 1850 | 12 X 1,5 | 18 X 1,5 | 22 X 1,5 | 28 X 1,5 | 34 X 1,5 | 40 X 1,5 | 52 X 1,5 | 70 X 2 | 85 X 2 | 101,6 X 2 | 104 X 2 | 129 X 2 | 154 X 2 | 204 X 2 |
| PN (bar) | 80 | 80 | 80 | 18 | 18 | 18 | 17 | 9 | 8 | 5 | 5 | 5 | 3 | 3 |

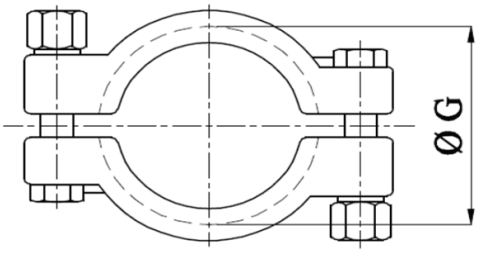
## Art. 402C

**Morsetto alta pressione**

High pressure clamp

Collier Haute Pression

Hochdruck - spannklammer






| BS 4825 | 1/2" | 3/4" | 1" | 1"1/2 | | 2" | 2"1/2 | 3" | 4" | 6" |
|---|---|---|---|---|---|---|---|---|---|---|
| G | 27 | 27 | 52 | 52 | | 65,5 | 79 | 92,5 | 120,5 | 170 |
| ISO 2852 | | | 20 | 25 | 32 | 40 | 50 | 65 | | |
| G | | | 52 | 52 | 52 | 65,5 | 79 | 92,5 | | |
| DIN 32676 | | | 25 | 32 | 40 | 50 | | 65 | 100 | |
| G | | | 52 | 52 | 52 | 65,5 | | 92,5 | 120,5 | |
| PN (bar) | 80 | 80 | 81 | 81 | 81 | 52 | 52 | 52 | 39 | 11 |

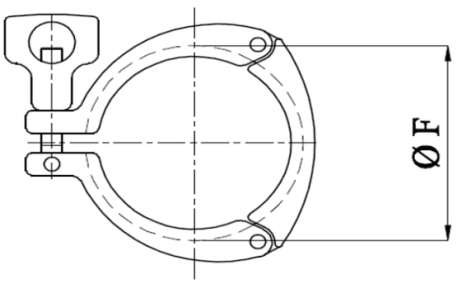
## Art. 402B

**Morsetto 3 settori**

3 pcs Heavy clamp

Collier en 3 pieces

3-stucke Klammer






| BS 4825 | 1" | 1"1/2 | | 2" | 2"1/2 | 3" | 4" |
|---|---|---|---|---|---|---|---|
| F | 53,6 | 53,6 | | 67 | 80,6 | 94,2 | 122,2 |
| ISO 2852 | 20 | 25 | 32 | 40 | 50 | 65 | |
| F | 53,6 | 53,6 | 53,6 | 67 | 80,6 | 94,2 | |
| DIN 32676 | 25 | 32 | 40 | 50 | | 65 | 100 |
| F | 53,6 | 53,6 | 53,6 | 67 | | 94,2 | 122,2 |
| PN (bar) | 18 | 18 | 18 | 17 | 13 | 9 | 8 |

## Art. 403S / 403E / 403V / 403N / 403P

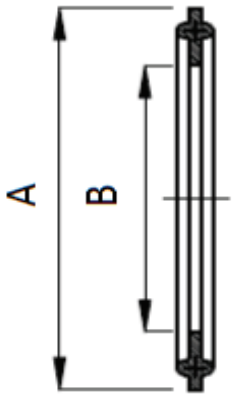
**Guarnizione clamp SILICONE / EPDM / VITON / NBR / PTFE (TEFLON)**

Seal ring clamp SILICONE / EPDM / VITON / NBR / PTFE (TEFLON)

Joint clamp SILICONE / EPDM / VITON / NBR / PTFE (TEFLON)

Dichtring clamp SILICONE / EPDM / VITON / NBR / PTFE (TEFLON)

| Temperature di utilizzo / Use temperatures (°C) | | |
|---|---|---|
| | MIN | MAX |
| SILICONE (VMQ) | -40 | 200 |
| EPDM | -40 | 150 |
| VITON (FKM) | -20 | 200 |
| NBR | -30 | 100 |
| TEFLON (PTFE) | -200 | 260 |




| BS 4825 | 1/2" | 3/4" | 1" | 1"1/2 | 2" | 2"1/2 | 3" | 4" | 6" | 8" | 10" | 12" | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 22 | 22 | 50,5 | 50,5 | 64 | 77,5 | 91 | 119 | 166,8 | 217,78 | 268,5 | 319,3 | | | |
| B | 9,45 | 15,7 | 22,2 | 34,9 | 47,6 | 60,3 | 73 | 97,6 | 146,8 | 197,6 | 247,2 | 298 | | | |
| **ISO 2852** | **8** | **10** | **15** | **20** | **25** | **32** | **40** | **50** | **65** | **80** | **100** | **125** | **150** | **200** | **250** |
| A | 34 | 34,0 | 34 | 50,5 | 50,5 | 50,5 | 64 | 77,5 | 91 | 106 | 130 | 155 | 183 | 233,5 | 319,3 |
| B | 10,3 | 14 | 18,1 | 23,7 | 30,5 | 39,2 | 45,1 | 56,3 | 73 | 84,9 | 109,1 | 133,7 | 162,3 | 211,1 | 266,3 |
| **DIN 32676** | **10** | **15** | **20** | **25** | **32** | **40** | **50** | **65** | **80** | **100** | **100** | **125** | **150** | **200** | **250** |
| A | 34 | 34,0 | 34 | 50,5 | 50,5 | 50,5 | 64 | 91 | 106 | 119 | 119 | 155 | 183 | 233,5 | 268,5 |
| B | 9 | 15 | 19 | 25 | 31 | 37 | 49 | 66 | 81 | 97,6 | 104 | 125 | 150 | 200 | 247,2 |

## Art. 403LS / 403E / 403LN

**Guarnizione clamp con labbro SILICONE / EPDM / NBR**

Seal ring clamp "L" type SILICONE / EPDM / NBR

Joint clamp type "L" SILICONE / EPDM / NBR

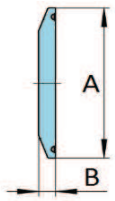
"L" Dichtring clamp SILICONE / EPDM / NBR




| BS 4825 | 1/2" | 3/4" | 1" | 1"1/2 | 2" | 2"1/2 | 3" | 4" | 6" | 8" | 10" | 12" | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | | | | | | | | | | | | | | | |
| B | 9,45 | 15,7 | 22,2 | 34,9 | 47,6 | 60,3 | 73 | 97,6 | 146,8 | 197,6 | 247,2 | 298 | | | |
| **ISO 2852** | **8** | **10** | **15** | **20** | **25** | **32** | **40** | **50** | **65** | **80** | **100** | **125** | **150** | **200** | **250** |
| A | | | | | | | | | | | | | | | |
| B | 10,3 | 14 | 18,1 | 23,7 | 30,5 | 39,2 | 45,1 | 56,3 | 73 | 84,9 | 109,1 | 133,7 | 162,3 | 211,1 | 266,3 |
| **DIN 32676** | **10** | **15** | **20** | **25** | **32** | **40** | **50** | **65** | **80** | **100** | **100** | **125** | **150** | **200** | **250** |
| A | | | | | | | | | | | | | | | |
| B | 9 | 15 | 19 | 25 | 31 | 37 | 49 | 66 | 81 | 97,6 | 104 | 125 | 150 | 200 | 247,2 |

## Art. 404

**Tappo clamp**
Solid cap clamp
Bouchon clamp
Blind Deckel clamp

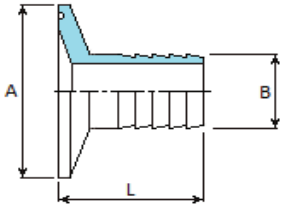





| DN (INCH) | 1/2" | 3/4" | 1" | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
|---|---|---|---|---|---|---|---|---|
| A | 25,2 | 25,2 | 50,5 | 50,5 | 64 | 77,5 | 91 | 119 |
| B | 6 | 6 | 6,3 | 6,3 | 6,3 | 6,3 | 6,3 | 7,9 |

## Art. 405

**Portagomma clamp**
Hose connection clamp
Manchon a ligaturer clamp
Schlauchstutzen clamp

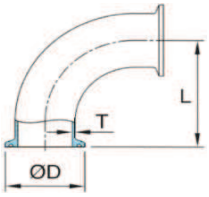





| DN (INCH) | 1/2" | 3/4" | 1" | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
|---|---|---|---|---|---|---|---|---|
| A | 25,2 | 25,2 | 50,5 | 50,5 | 64 | 77,5 | 91 | 119 |
| B | 13,7 | 21,4 | 25,4 | 38,1 | 50,8 | 63,5 | 76,2 | 101,6 |
| L | 38 | 38 | 43 | 43 | 58,7 | 59,5 | 78,6 | 85,5 |

## Art. 406

**Curva 90° clamp**
90° bend clamp
Coude 90° clamp
Bogen 90° clamp

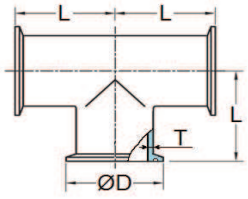





| DN (INCH) | 1/2" | 3/4" | 1" | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
|---|---|---|---|---|---|---|---|---|
| D | 25,2 | 25,2 | 50,5 | 50,5 | 64 | 77,5 | 91 | 119 |
| L | 41,3 | 41,3 | 50,8 | 69,9 | 88,9 | 107,95 | 127 | 168,2 |
| T | 1,65 | 1,65 | 1,65 | 1,65 | 1,65 | 1,65 | 1,65 | 2,1 |

## Art. 407

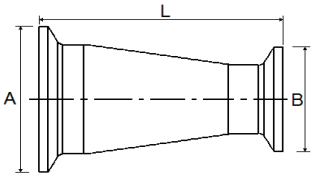
**Tee clamp**
Tee clamp
Tee clamp
T-stuck clamp






| DN (INCH) | 1/2" | 3/4" | 1" | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
|---|---|---|---|---|---|---|---|---|
| D | 25,2 | 25,2 | 50,5 | 50,5 | 64 | 77,5 | 91 | 119 |
| L | 66,7 | 66,7 | 60,3 | 69,9 | 88,9 | 88,9 | 95,3 | 114,2 |
| T | 1,65 | 1,65 | 1,65 | 1,65 | 1,65 | 1,65 | 1,65 | 2,1 |

**Riduzione clamp**
reducer clamp
Reduction clamp
reduziertstück clamp

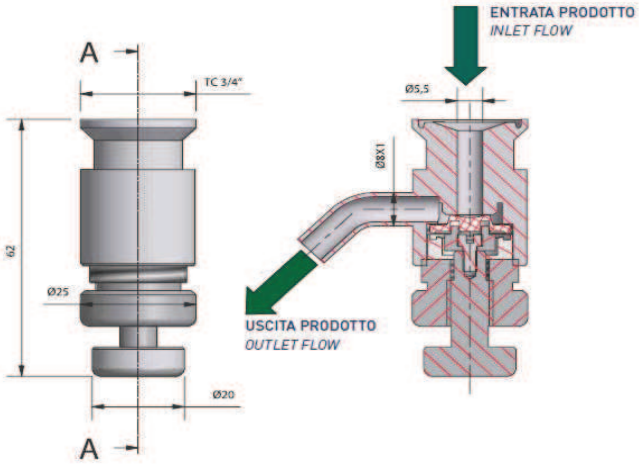


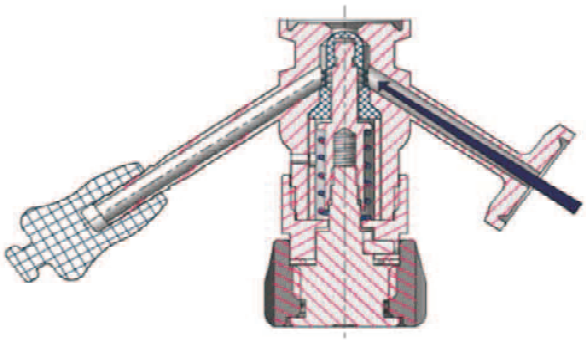


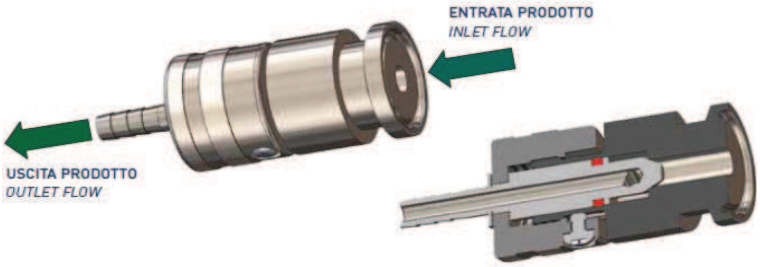

| DN (INCH) | 3/4"-1/2" | 1"-1/2" | 1"-3/4" | 1"1/2-1" | 2"-1"1/2 | 2"1/2-2" | 3"-2"1/2 | 4"-3" |
|---|---|---|---|---|---|---|---|---|
| A | 25,2 | 50,5 | 50,5 | 50,5 | 64 | 77,5 | 91 | 119 |
| B | 25,2 | 25,2 | 25,2 | 50,5 | 50,5 | 64 | 77,5 | 91 |
| L | 50,8 | 50,8 | 50,8 | 63,5 | 76,2 | 76,2 | 76,2 | 101,6 |

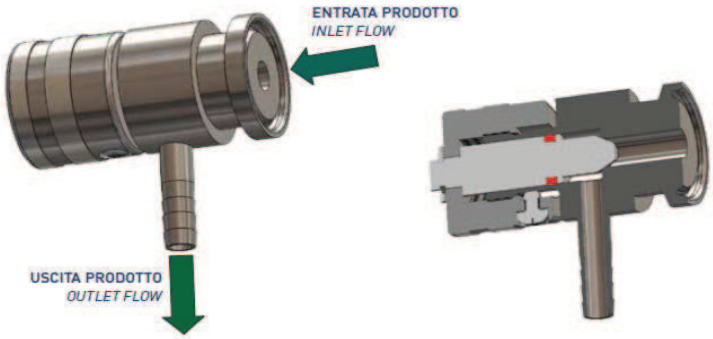
**Preleva campioni asettico**
Picks aseptic samples
Picks échantillons aseptiques
Picks aseptisch Proben





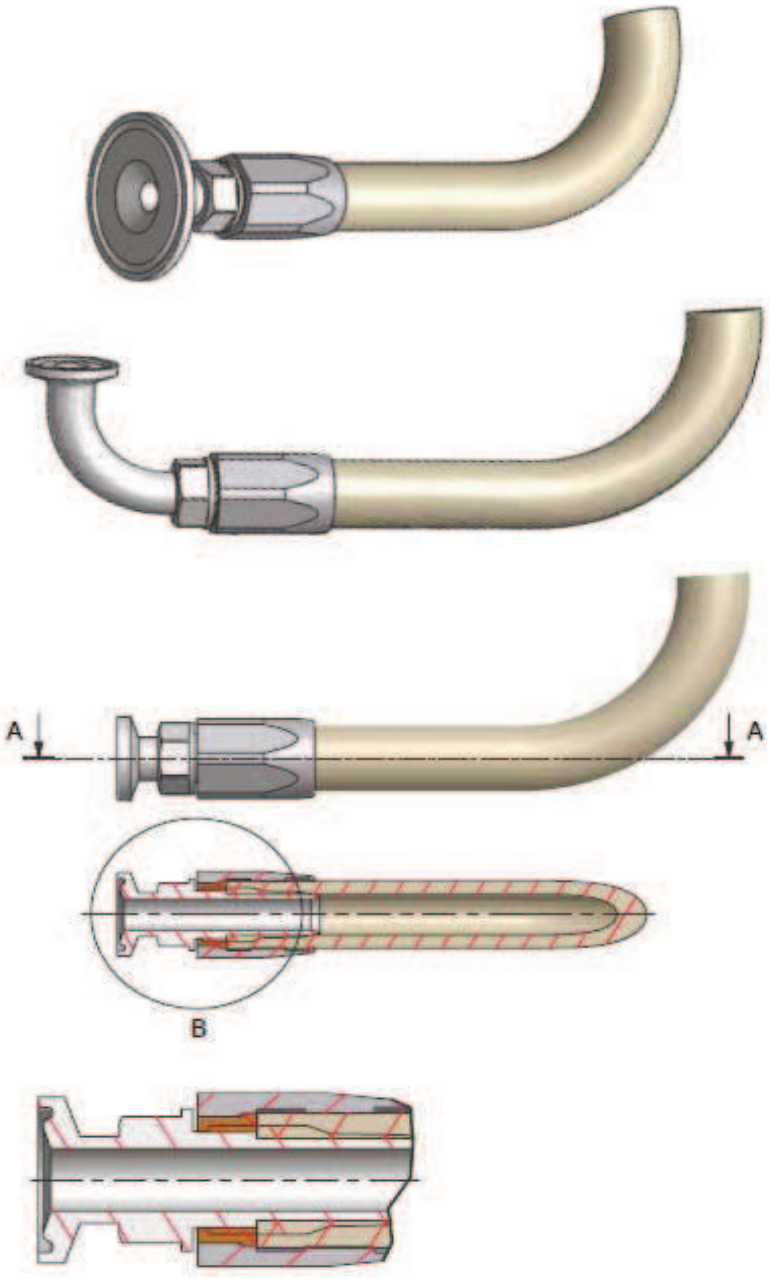





**Raccordi Clamp riutilizzabili Re-flex**

Reusable Clamp fittings Re-flex
Raccords de serrage réutilisables Re-flex
Wiederverwendbare Klemmbeschläge Re-flex




| Connessioni clamp | BS 4825<br>1/2"-3/4"-1"-1"1/2 | Tubo | Silicone (VMQ) DN 15 /20 /25 |
|---|---|---|---|
| clamp connections | | Tube | |
| raccords clamp | | Tube | |
| Klemmverbindungen | | Rohr | |