

# **RACCORDI BICONO A COMPRESSIONE OTTONE NICHELATO**

**PLUS**

**ECCELLENTE TENUTA TRAMITE  
LA COMPRESSIONE SUL TUBO  
DELL'ANELLO OGIVA**

**RESISTENTE AI COLPI D'ARIETE E  
ALLE VIBRAZIONI**

**ADATTO PER CIRCUITI PNEUMATICI  
OLEODINAMICI E IDRAULICI**

**POSSIBILITÀ DI COLLEGARE TUBI DI  
VARI MATERIALI, ANCHE PLASTICI,  
GRAZIE ALL'ANIMA DI RINFORZO**





p. 200 / **3100**



p. 200 / **3120**



p. 201 / **3130**



p. 201 / **3140**



p. 202 / **3150**



p. 202 / **3160**



p. 202 / **3170**



p. 203 / **3180**



p. 203 / **3190**



p. 203 / **3200**



p. 204 / **3210**



p. 204 / **3230**



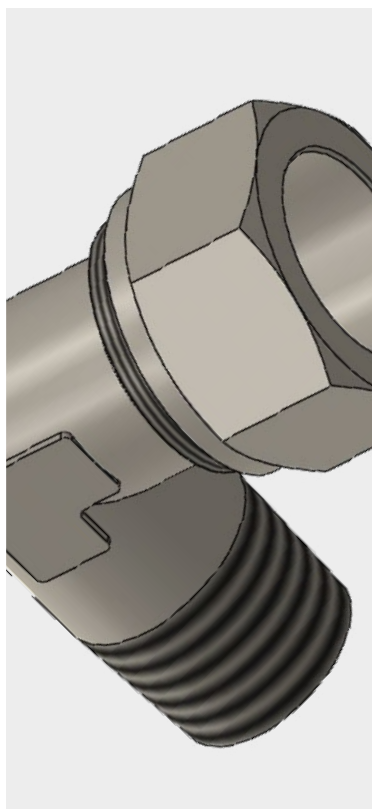
p. 204 / **3240**



p. 205 / **3250**



p. 205 / **1176**



-20°C ÷ +80°C  
La temperatura d'esercizio è determinata dalle caratteristiche del tubo utilizzato



**Pressione d'esercizio:**  
Fino a 60 Bar  
La pressione massima è determinata dalle caratteristiche del tubo utilizzato



Aria compressa, olio, fluidi compatibili con i materiali costruttivi.



- Conica gas BSPT ISO 7  
R1/8" - R1/2"  
- Cilindrica gas BSPP ISO 228  
G1/8" - G1/2"



**Tubi metallici:** ottone, rame e alluminio  
**Tubi plastici:** Poliuretano PU, Polietilene PE, Poliamide PA, PTFE, FEP con anima di rinforzo (3250)



**Corpo:** Tornito - ottone nichelato  
UNI EN 12164 CW 614N  
**Stampato** - ottone nichelato  
UNI EN12165 CW 617N  
**Dado:** Ottone nichelato  
UNI EN 12164 CW 614N  
**Ogiva:** Ottone giallo  
UNI EN 12164 CW 614N

**SILICONE FREE**

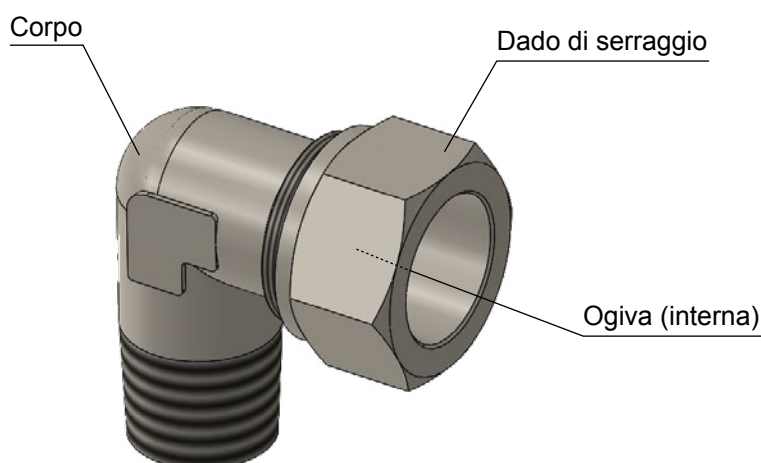


Prodotti conformi al regolamento CE 1907/2006



Prodotti conformi alla direttiva EU 2015/863

## DETTAGLI COSTRUTTIVI



### COPPIA DI SERRAGGIO CONICA GAS BSPT ISO 7

| FILETTO | 1/8" | 1/4" | 3/8" | 1/2" |
|---------|------|------|------|------|
| Nm      | 8    | 12   | 14   | 16   |

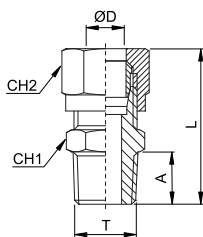
### COPPIA DI SERRAGGIO CILINDRICA GAS BSPP ISO 228 & METRICA ISO 262

| FILETTO | 1/8" | 1/4" | 3/8" | 1/2" |
|---------|------|------|------|------|
| Nm      | 5    | 8    | 10   | 12   |



# 3100

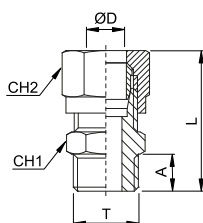
## Diritto maschio conico BSPT



| CODICE     | ØD | T      | A    | L    | CH1 | CH2 | g     |
|------------|----|--------|------|------|-----|-----|-------|
| 3100TR184  | 4  | R 1/8" | 8,0  | 27,0 | 10  | 10  | 12,0  |
| 3100TR186  | 6  | R 1/8" | 8,0  | 28,0 | 12  | 12  | 16,0  |
| 3100TR146  |    | R 1/4" | 11,0 | 32,5 | 14  | 12  | 24,0  |
| 3100TR188  | 8  | R 1/8" | 8,0  | 29,5 | 12  | 14  | 18,0  |
| 3100TR148  |    | R 1/4" | 11,0 | 33,0 | 14  | 14  | 24,0  |
| 3100TR388  |    | R 3/8" | 11,5 | 33,0 | 17  | 14  | 36,0  |
| 3100TR1410 | 10 | R 1/4" | 11,0 | 37,5 | 17  | 19  | 44,0  |
| 3100TR3810 |    | R 3/8" | 11,5 | 38,0 | 17  | 19  | 50,0  |
| 3100TR1210 |    | R 1/2" | 14,0 | 40,5 | 22  | 19  | 74,0  |
| 3100TR3812 | 12 | R 3/8" | 11,5 | 39,0 | 19  | 22  | 58,0  |
| 3100TR1212 |    | R 1/2" | 14,0 | 41,0 | 22  | 22  | 78,0  |
| 3100TR1214 | 14 | R 1/2" | 14,0 | 42,5 | 22  | 27  | 102,0 |
| 3100TR1215 | 15 | R 1/2" | 14,0 | 42,5 | 22  | 27  | 96,0  |
| 3100TR1216 | 16 | R 1/2" | 14,0 | 42,0 | 24  | 30  | 112,0 |
| 3100TR1218 | 18 | R 1/2" | 14,0 | 43,0 | 26  | 32  | 126,0 |

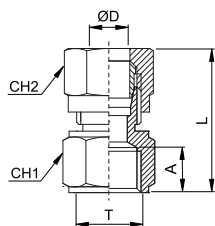
# 3120

## Diritto maschio cilindrico BSPP

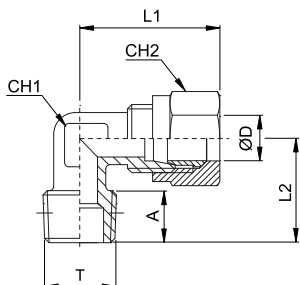


| CODICE     | ØD | T      | A   | L    | CH1 | CH2 | g    |
|------------|----|--------|-----|------|-----|-----|------|
| 3120TR184  | 4  | G 1/8" | 6,0 | 25,0 | 14  | 10  | 16,0 |
| 3120TR186  | 6  | G 1/8" | 6,0 | 26,0 | 14  | 12  | 16,0 |
| 3120TR146  |    | G 1/4" | 8,0 | 29,5 | 17  | 12  | 24,0 |
| 3120TR188  | 8  | G 1/8" | 6,0 | 27,5 | 14  | 14  | 18,0 |
| 3120TR148  |    | G 1/4" | 8,0 | 30,0 | 17  | 14  | 28,0 |
| 3120TR388  |    | G 3/8" | 9,0 | 30,5 | 19  | 14  | 34,0 |
| 3120TR1410 | 10 | G 1/4" | 8,0 | 34,5 | 17  | 19  | 44,0 |
| 3120TR3810 |    | G 3/8" | 9,0 | 36,0 | 19  | 19  | 50,0 |



**3130****Diritto femmina cilindrico BSPP**

| CODICE     | ØD | T      | A    | L    | CH1 | CH2 | g     |
|------------|----|--------|------|------|-----|-----|-------|
| 3130TR184  | 4  | G 1/8" | 8,0  | 24,5 | 14  | 10  | 16,0  |
| 3130TR186  | 6  | G 1/8" | 8,0  | 26,0 | 14  | 12  | 17,0  |
| 3130TR146  |    | G 1/4" | 11,0 | 30,5 | 17  | 12  | 26,0  |
| 3130TR188  | 8  | G 1/8" | 8,0  | 26,5 | 14  | 14  | 20,0  |
| 3130TR148  |    | G 1/4" | 11,0 | 31,0 | 17  | 14  | 28,0  |
| 3130TR388  |    | G 3/8" | 11,5 | 31,0 | 20  | 14  | 32,0  |
| 3130TR1410 | 10 | G 1/4" | 11,0 | 35,5 | 17  | 19  | 46,0  |
| 3130TR3810 |    | G 3/8" | 11,5 | 36,5 | 20  | 19  | 50,0  |
| 3130TR3812 | 12 | G 3/8" | 11,5 | 37,0 | 20  | 22  | 58,0  |
| 3130TR1212 |    | G 1/2" | 15,0 | 38,5 | 24  | 22  | 70,0  |
| 3130TR1214 | 14 | G 1/2" | 15,0 | 40,0 | 24  | 27  | 98,0  |
| 3130TR1215 | 15 | G 1/2" | 15,0 | 40,5 | 24  | 27  | 94,0  |
| 3130TR1216 | 16 | G 1/2" | 16,0 | 41,5 | 24  | 30  | 110,0 |
| 3130TR1218 | 18 | G 1/2" | 16,0 | 43,0 | 24  | 32  | 134,0 |

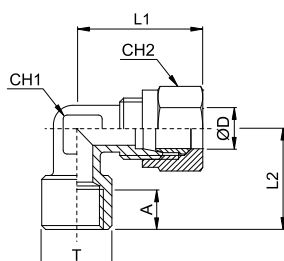
**3140****Gomito maschio conico BSPT**

| CODICE     | ØD | T      | A    | L1   | L2   | CH1 | CH2 | g     |
|------------|----|--------|------|------|------|-----|-----|-------|
| 3140TR184  | 4  | R 1/8" | 8,0  | 21,0 | 16,0 | 9   | 10  | 14,0  |
| 3140TR186  | 6  | R 1/8" | 8,0  | 22,0 | 16,0 | 9   | 12  | 16,0  |
| 3140TR146  |    | R 1/4" | 11,0 | 24,5 | 20,0 | 11  | 12  | 24,0  |
| 3140TR188  | 8  | R 1/8" | 8,0  | 24,0 | 17,0 | 11  | 14  | 22,0  |
| 3140TR148  |    | R 1/4" | 11,0 | 24,0 | 20,0 | 11  | 14  | 26,0  |
| 3140TR388  |    | R 3/8" | 11,5 | 27,0 | 24,0 | 13  | 14  | 36,0  |
| 3140TR1410 | 10 | R 1/4" | 11,0 | 32,0 | 23,5 | 13  | 19  | 48,0  |
| 3140TR3810 |    | R 3/8" | 11,5 | 32,0 | 24,0 | 13  | 19  | 52,0  |
| 3140TR1210 |    | R 1/2" | 14,0 | 34,0 | 28,5 | 15  | 19  | 66,0  |
| 3140TR3812 | 12 | R 3/8" | 11,5 | 34,5 | 25,5 | 15  | 22  | 69,0  |
| 3140TR1212 |    | R 1/2" | 14,0 | 34,5 | 28,5 | 15  | 22  | 74,0  |
| 3140TR1214 | 14 | R 1/2" | 14,0 | 38,0 | 30,0 | 17  | 27  | 106,0 |
| 3140TR1215 | 15 | R 1/2" | 14,0 | 38,0 | 30,0 | 17  | 27  | 100,0 |
| 3140TR1216 | 16 | R 1/2" | 14,0 | 39,5 | 31,5 | 19  | 30  | 124,0 |
| 3140TR1218 | 18 | R 1/2" | 14,0 | 44,0 | 34,0 | 22  | 32  | 156,0 |



## 3150

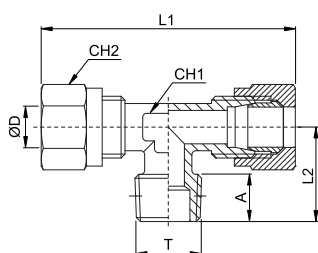
## Gomito femmina cilindrico BSPP



| CODICE    | ØD | T      | A    | L1   | L2   | CH1 | CH2 | g    |
|-----------|----|--------|------|------|------|-----|-----|------|
| 3150TR184 | 4  | G 1/8" | 8,0  | 22,0 | 20,0 | 9   | 10  | 18,0 |
| 3150TR186 | 6  | G 1/8" | 8,0  | 24,0 | 20,0 | 9   | 12  | 20,0 |
| 3150TR146 |    | G 1/4" | 11,0 | 27,0 | 25,5 | 13  | 12  | 39,0 |
| 3150TR188 | 8  | G 1/8" | 8,0  | 24,0 | 20,0 | 11  | 14  | 26,0 |
| 3150TR148 |    | G 1/4" | 11,0 | 27,5 | 25,5 | 13  | 14  | 40,0 |

## 3160

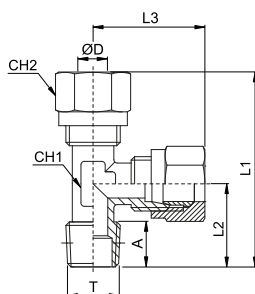
## T centrale maschio conico BSPT



| CODICE     | ØD | T      | A    | L1   | L2   | CH1 | CH2 | g     |
|------------|----|--------|------|------|------|-----|-----|-------|
| 3160TR184  | 4  | R 1/8" | 8,0  | 42,0 | 16,0 | 9   | 10  | 22,0  |
| 3160TR186  | 6  | R 1/8" | 8,0  | 46,0 | 16,0 | 9   | 12  | 26,0  |
| 3160TR146  |    | R 1/4" | 11,0 | 48,0 | 20,0 | 11  | 12  | 34,0  |
| 3160TR188  | 8  | R 1/8" | 8,0  | 48,0 | 17,0 | 11  | 14  | 34,0  |
| 3160TR148  |    | R 1/4" | 11,0 | 48,0 | 20,0 | 11  | 14  | 38,0  |
| 3160TR388  | 10 | R 3/8" | 11,5 | 54,0 | 24,0 | 13  | 14  | 52,0  |
| 3160TR1410 |    | R 1/4" | 11,0 | 64,0 | 23,5 | 13  | 19  | 80,0  |
| 3160TR3810 | 12 | R 3/8" | 11,5 | 64,0 | 24,0 | 13  | 19  | 84,0  |
| 3160TR3812 |    | R 3/8" | 11,5 | 69,0 | 25,5 | 15  | 22  | 108,0 |
| 3160TR1212 | 14 | R 1/2" | 14,0 | 69,0 | 28,5 | 15  | 22  | 118,0 |
| 3160TR1214 |    | R 1/2" | 14,0 | 76,0 | 30,0 | 17  | 27  | 176,0 |
| 3160TR1215 | 15 | R 1/2" | 14,0 | 76,0 | 30,0 | 17  | 27  | 170,0 |
| 3160TR1216 | 16 | R 1/2" | 14,0 | 79,0 | 31,5 | 19  | 30  | 212,0 |
| 3160TR1218 | 18 | R 1/2" | 14,0 | 88,0 | 34,0 | 22  | 32  | 256,0 |

## 3170

## T laterale maschio conico BSPT

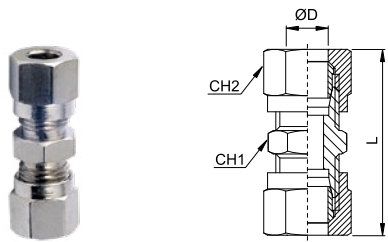


| CODICE     | ØD | T      | A    | L1   | L2   | L3   | CH1 | CH2 | g     |
|------------|----|--------|------|------|------|------|-----|-----|-------|
| 3170TR184  | 4  | R 1/8" | 8,0  | 37,0 | 16,0 | 21,0 | 9   | 10  | 22,0  |
| 3170TR186  | 6  | R 1/8" | 8,0  | 39,0 | 16,0 | 23,0 | 9   | 10  | 26,0  |
| 3170TR146  |    | R 1/4" | 11,0 | 44,5 | 20,0 | 24,5 | 11  | 12  | 34,0  |
| 3170TR188  | 8  | R 1/8" | 8,0  | 41,0 | 17,0 | 24,0 | 11  | 14  | 34,0  |
| 3170TR148  |    | R 1/4" | 11,0 | 44,0 | 20,0 | 24,0 | 11  | 14  | 38,0  |
| 3170TR388  | 10 | R 3/8" | 11,5 | 51,0 | 24,0 | 27,0 | 13  | 14  | 52,0  |
| 3170TR1410 |    | R 1/4" | 11,0 | 55,5 | 23,5 | 32,0 | 13  | 19  | 80,0  |
| 3170TR3810 | 12 | R 3/8" | 11,5 | 56,0 | 24,0 | 32,0 | 13  | 19  | 84,0  |
| 3170TR3812 |    | R 3/8" | 11,5 | 60,0 | 25,5 | 34,5 | 15  | 22  | 110,0 |
| 3170TR1212 | 14 | R 1/2" | 14,0 | 63,0 | 28,5 | 34,5 | 15  | 22  | 118,0 |
| 3170TR1214 |    | R 1/2" | 14,0 | 68,0 | 30,0 | 38,0 | 17  | 27  | 176,0 |
| 3170TR1215 | 15 | R 1/2" | 14,0 | 68,0 | 30,0 | 38,0 | 17  | 27  | 170,0 |
| 3170TR1216 | 16 | R 1/2" | 14,0 | 71,0 | 31,5 | 39,5 | 19  | 30  | 210,0 |
| 3170TR1218 | 18 | R 1/2" | 14,0 | 78,0 | 34,0 | 44,0 | 22  | 32  | 256,0 |



3180

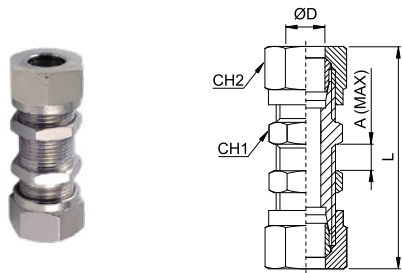
Diritto intermedio



| CODICE   | ØD | L    | CH1 | CH2 | g     |
|----------|----|------|-----|-----|-------|
| 3180TR4  | 4  | 33,5 | 10  | 10  | 16,0  |
| 3180TR6  | 6  | 36,5 | 12  | 12  | 25,0  |
| 3180TR8  | 8  | 38,5 | 14  | 14  | 28,0  |
| 3180TR10 | 10 | 47,5 | 17  | 19  | 66,0  |
| 3180TR12 | 12 | 50,5 | 19  | 22  | 93,0  |
| 3180TR14 | 14 | 55,5 | 24  | 27  | 148,0 |
| 3180TR15 | 15 | 55,5 | 24  | 27  | 140,0 |
| 3180TR16 | 16 | 58,0 | 24  | 30  | 177,0 |
| 3180TR18 | 18 | 60,0 | 26  | 32  | 198,0 |

3190

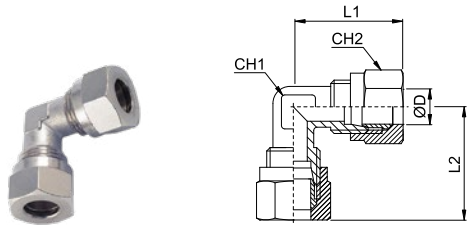
Passaparete



| CODICE   | ØD | T       | A MAX | L    | CH1 | CH2 | g     |
|----------|----|---------|-------|------|-----|-----|-------|
| 3190TR6  | 6  | M10x1   | 15,5  | 51,5 | 14  | 12  | 32,0  |
| 3190TR8  | 8  | M12x1   | 16,5  | 55,5 | 16  | 14  | 42,0  |
| 3190TR10 | 10 | M16x1,5 | 15,5  | 62,5 | 19  | 19  | 90,0  |
| 3190TR12 | 12 | M18x1,5 | 16,0  | 64,5 | 22  | 22  | 116,0 |
| 3190TR14 | 14 | M22x1,5 | 18,0  | 69,5 | 25  | 27  | 192,0 |
| 3190TR15 | 15 | M22x1,5 | 18,0  | 69,5 | 25  | 27  | 184,0 |

3200

Gomito intermedio

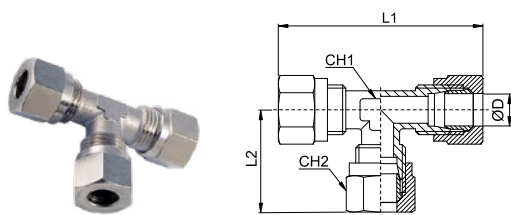


| CODICE   | ØD | L1   | L2   | CH1 | CH2 | g     |
|----------|----|------|------|-----|-----|-------|
| 3200TR4  | 4  | 21,0 | 21,0 | 9   | 10  | 18,0  |
| 3200TR6  | 6  | 23,0 | 23,0 | 9   | 12  | 22,0  |
| 3200TR8  | 8  | 24,0 | 24,0 | 11  | 14  | 30,0  |
| 3200TR10 | 10 | 32,0 | 32,0 | 13  | 19  | 70,0  |
| 3200TR12 | 12 | 34,5 | 34,5 | 15  | 22  | 94,0  |
| 3200TR14 | 14 | 38,0 | 38,0 | 17  | 27  | 152,0 |
| 3200TR15 | 15 | 38,0 | 38,0 | 17  | 27  | 144,0 |
| 3200TR16 | 16 | 39,5 | 39,5 | 19  | 30  | 186,0 |
| 3200TR18 | 18 | 44,0 | 44,0 | 22  | 32  | 228,0 |



# 3210

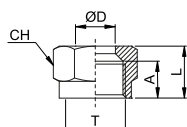
T intermedio



| CODICE   | ØD | L1   | L2   | CH1 | CH2 | g     |
|----------|----|------|------|-----|-----|-------|
| 3210TR4  | 4  | 42,0 | 21,0 | 9   | 10  | 26,0  |
| 3210TR6  | 6  | 46,0 | 23,0 | 9   | 12  | 30,0  |
| 3210TR8  | 8  | 48,0 | 24,0 | 11  | 14  | 42,0  |
| 3210TR10 | 10 | 64,0 | 32,0 | 13  | 19  | 102,0 |
| 3210TR12 | 12 | 69,0 | 34,5 | 15  | 22  | 136,0 |
| 3210TR14 | 14 | 76,0 | 38,0 | 17  | 27  | 226,0 |
| 3210TR15 | 15 | 76,0 | 38,0 | 17  | 27  | 208,0 |
| 3210TR16 | 16 | 79,0 | 39,5 | 19  | 30  | 272,0 |
| 3210TR18 | 18 | 88,0 | 44,0 | 22  | 32  | 330,0 |

# 3230

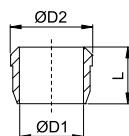
Dado di bloccaggio



| CODICE        | ØD | T       | A    | L    | CH | g    |
|---------------|----|---------|------|------|----|------|
| 3230TRM814    | 4  | M8x1    | 7,5  | 11,0 | 10 | 4,2  |
| 3230TRM1016   | 6  | M10x1   | 8,5  | 11,5 | 12 | 5,4  |
| 3230TRM1218   | 8  | M12x1   | 9,0  | 12,0 | 14 | 7,0  |
| 3230TRM161510 | 10 | M16x1,5 | 11,5 | 15,5 | 19 | 18,2 |
| 3230TRM181512 | 12 | M18x1,5 | 11,5 | 15,5 | 22 | 25,0 |
| 3230TRM221514 | 14 | M22x1,5 | 12,0 | 17,5 | 27 | 44,3 |
| 3230TRM221515 | 15 | M22x1,5 | 12,0 | 17,0 | 27 | 41,1 |
| 3230TRM241516 | 16 | M24x1,5 | 12,0 | 17,5 | 30 | 55,6 |
| 3230TRM261518 | 18 | M26x1,5 | 12,5 | 18,5 | 32 | 64,2 |

# 3240

Ogiva

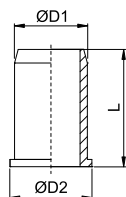


| CODICE   | ØD1 | ØD2 | L    | g    |
|----------|-----|-----|------|------|
| 3240TR4  | 4   | 6   | 6,0  | 0,45 |
| 3240TR6  | 6   | 8   | 7,0  | 0,82 |
| 3240TR8  | 8   | 10  | 7,0  | 1,12 |
| 3240TR10 | 10  | 13  | 10,0 | 3,32 |
| 3240TR12 | 12  | 15  | 10,0 | 3,80 |
| 3240TR14 | 14  | 17  | 10,0 | 4,40 |
| 3240TR15 | 15  | 18  | 10,0 | 4,76 |
| 3240TR16 | 16  | 19  | 10,0 | 5,04 |
| 3240TR18 | 18  | 21  | 10,5 | 5,92 |



## 3250

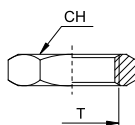
## Anima di rinforzo



| CODICE   | TUBO ØD | ØD1  | ØD2  | L    | g    |
|----------|---------|------|------|------|------|
| 3250TR4  | 4       | 2,5  | 3,5  | 10,0 | 0,20 |
| 3250TR6  | 6       | 4,0  | 5,5  | 12,0 | 0,60 |
| 3250TR8  | 8       | 6,0  | 7,5  | 13,0 | 1,00 |
| 3250TR10 | 10      | 8,0  | 9,5  | 14,0 | 1,40 |
| 3250TR12 | 12      | 10,0 | 11,5 | 16,0 | 2,20 |
| 3250TR14 | 14      | 12,0 | 13,5 | 16,0 | 2,60 |
| 3250TR15 | 15      | 12,5 | 14,5 | 17,0 | 2,80 |
| 3250TR16 | 16      | 14,0 | 15,5 | 18,0 | 3,40 |
| 3250TR18 | 18      | 16,0 | 17,5 | 19,0 | -    |

## 1176

## Dado per passaparete



| CODICE      | T       | CH | g    |
|-------------|---------|----|------|
| 1176TRM101  | M10x1   | 14 | 3,0  |
| 1176TRM121  | M12x1   | 16 | 3,8  |
| 1176TRM1615 | M16x1,5 | 19 | 5,0  |
| 1176TRM1815 | M18x1,5 | 22 | 7,0  |
| 1176TRM2215 | M22x1,5 | 25 | 17,0 |



