# BARB CONNECTORS NYLON

D.M. 174

## PLUS

- SUITABLE FOR FOOD FLUIDS
- STRONG AND RESISTANT TO IMPACTS
- DESIGNED TO HAVE AN INTERNAL DIAMETER WITH MAXIMUM FLOW RATE
- USABLE WITH 5090 SERIES CLAMPS FOR A BETTER GRIP AND SAFETY
- SUITABLE FOR DOMESTIC AND INDUSTRIAL USE



p. 220 / **5005**



p. 220 / **5010**



p. 221 / **5020**



p. 222 / **5025**



p. 222 / **5030**



p. 223 / **5035**



p. 223 / **5040**



p. 223 / **5045**



p. 224 / **5050**



p. 224 / **5055**



p. 224 / **5060**



p. 225 / **5070**



p. 226 / **5007**



p. 226 / **5015**



p. 227 / **5022**



p. 228 / **5027**



p. 228 / **5032**



p. 228 / **5037**



p. 229 / **5042**



p. 229 / **5047**



p. 230 / **5052**



p. 230 / **5057**



p. 230 / **5062**

*drawings and technical data are not binding & can be changed without notice*



-20°C ÷ +110°C
Subject to applications

**Working pressure:**
14 Bar (at 20°C)
Depending on the tube used

Compressed air, water and fluids suitable with contruction materials

- Taper gas BSPT ISO 7 from R1/8" to R1"
- Parallel gas BSPP ISO 228 from G1/8" to G3/4"
- NPT from N1/8" to N3/4"

Plastic, silicone, rubber and soft PVC tubes

**Body:** Nylon 66

## FEATURES

The fittings of this series have plastic thread and consecuently we reccomended to avoid excessive force during screwing and to teflon the thread before use in order to prevent any type of loss.

Food contact materials EC 1935/2004

D.M. 174/2004

Products in compliance with EC Regulation 1907/2006

Products in compliance with the directive EU 2015/863

## DIAMETER OF THE BARB

BARB CONNECTORS - NYLON - TAPER GAS BSPT ISO 7

| ØD (mm) | Ø4 | Ø5 | Ø6 | Ø8 | Ø10 | Ø12 | Ø14 | Ø16 | Ø19 | Ø25 |
|---|---|---|---|---|---|---|---|---|---|---|
| ØB (mm) | 5,2 | 6,3 | 8,0 | 10,0 | 12,0 | 14,0 | 16,2 | 18,2 | 21,0 | 26,0 |




## DIAMETER OF THE BARB

BARB CONNECTORS - NYLON - NPT

| ØD (inch) | 5/32" | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 9/16" | 5/8" | 11/16" | 3/4" |
|---|---|---|---|---|---|---|---|---|---|---|
| ØB (mm) | 5,3 | 6,3 | 8,0 | 9,8 | 12,0 | 13,8 | - | 17,5 | - | 21,0 |

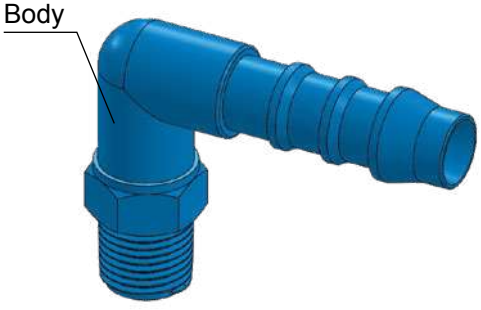



## TIGHTENING TORQUE

TAPER GAS BSPT ISO 7

| THREAD | 1/8" | 1/4" | 3/8" | 1/2" | 3/4" | 1" |
|---|---|---|---|---|---|---|
| Nm | 0,1 | 0,8 | 4 | 6 | 8 | 10 |

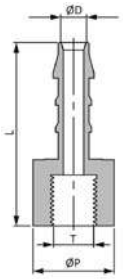
## CONSTRUCTION DETAILS




*drawings and technical data are not binding & can be changed without notice*

## 5005 Female barb connector BSPT thread

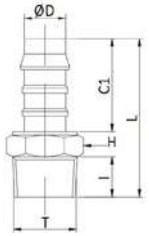





| CODE | T | ØD | H | L | g |
|---|---|---|---|---|---|
| 5005TR185 | R 1/8" | 5 | 14 | 34,4 | 2,0 |
| 5005TR145 | R 1/4" | 5 | 17 | 35,2 | 2,7 |
| 5005TR385 | R 3/8" | 5 | 22 | 36,5 | 4,57 |
| 5005TR125 | R 1/2" | 5 | 26 | 38,7 | 6,6 |
| 5005TR186 | R 1/8" | 6 | 14 | 36,3 | 2,15 |
| 5005TR146 | R 1/4" | 6 | 17 | 37,2 | 2,9 |
| 5005TR386 | R 3/8" | 6 | 22 | 38,3 | 4,8 |
| 5005TR126 | R 1/2" | 6 | 26 | 40,8 | 7,0 |
| 5005TR188 | R 1/8" | 8 | 14 | 39,4 | 2,5 |
| 5005TR148 | R 1/4" | 8 | 17 | 39,4 | 3,2 |
| 5005TR388 | R 3/8" | 8 | 22 | 40,4 | 5,0 |
| 5005TR128 | R 1/2" | 8 | 26 | 42,7 | 7,1 |
| 5005TR1410 | R 1/4" | 10 | 17 | 41,5 | 3,6 |
| 5005TR3810 | R 3/8" | 10 | 22 | 42,3 | 5,4 |
| 5005TR1210 | R 1/2" | 10 | 26 | 45,0 | 7,5 |
| 5005TR1412 | R 1/4" | 12 | 17 | 42,4 | 4,1 |
| 5005TR3812 | R 3/8" | 12 | 22 | 43,3 | 6,2 |
| 5005TR1212 | R 1/2" | 12 | 26 | 46,0 | 8,0 |
| 5005TR3814 | R 3/8" | 14 | 22 | 45,0 | 6,9 |
| 5005TR1214 | R 1/2" | 14 | 26 | 47,3 | 8,7 |
| 5005TR1216 | R 1/2" | 16 | 26 | 48,1 | 9,0 |
| 5005TR1219 | R 1/2" | 19 | 26 | 48,8 | 9,5 |

## 5010 Male barb connector BSPT thread



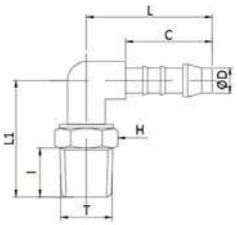



| CODE | T | ØD | I | C1 | L | H | g |
|---|---|---|---|---|---|---|---|
| 5010TR184 | R 1/8" | 4 | 8,0 | 16,0 | 31,2 | 11 | 1,0 |
| 5010TR144 | R 1/4" | 4 | 10,0 | 16,0 | 33,8 | 14 | 1,2 |
| 5010TR185 | R 1/8" | 5 | 8,0 | 21,0 | 34,7 | 11 | 1,0 |
| 5010TR145 | R 1/4" | 5 | 10,0 | 21,0 | 38,3 | 14 | 1,0 |
| 5010TR125 | R 1/2" | 5 | 10,0 | 21,0 | 41,4 | 22 | 1,0 |
| 5010TR186 | R 1/8" | 6 | 8,0 | 23,0 | 35,3 | 11 | 1,0 |
| 5010TR146 | R 1/4" | 6 | 10,0 | 23,0 | 39,2 | 14 | 2,0 |
| 5010TR386 | R 3/8" | 6 | 10,0 | 23,0 | 39,1 | 17 | 3,0 |
| 5010TR126 | R 1/2" | 6 | 12,5 | 23,0 | 42,3 | 22 | 6,0 |
| 5010TR346 | R 3/4" | 6 | 14,5 | 23,0 | 43,0 | 22 | 8,2 |
| 5010TR188 | R 1/8" | 8 | 8,0 | 25,0 | 39,8 | 11 | 2,0 |
| 5010TR148 | R 1/4" | 8 | 10,0 | 25,0 | 43,0 | 14 | 2,0 |
| 5010TR388 | R 3/8" | 8 | 10,0 | 25,0 | 43,0 | 17 | 3,0 |
| 5010TR128 | R 1/2" | 8 | 12,5 | 25,0 | 46,1 | 22 | 6,0 |
| 5010TR348 | R 3/4" | 8 | 12,5 | 25,0 | 47,1 | 27 | 6,0 |
| 5010TR1410 | R 1/4" | 10 | 10,0 | 27,0 | 45,2 | 14 | 1,0 |
| 5010TR3810 | R 3/8" | 10 | 10,0 | 27,0 | 45,2 | 17 | 4,0 |
| 5010TR1210 | R 1/2" | 10 | 12,5 | 27,0 | 48,3 | 22 | 6,0 |
| 5010TR3410 | R 3/4" | 10 | 14,5 | 27,0 | 49,3 | 27 | 9,1 |
| 5010TR1412 | R 1/4" | 12 | 10,0 | 28,0 | 46,0 | 14 | 4,0 |
| 5010TR3812 | R 3/8" | 12 | 10,0 | 28,0 | 46,0 | 17 | 4,0 |
| 5010TR1212 | R 1/2" | 12 | 12,5 | 28,0 | 49,3 | 22 | 7,0 |
| 5010TR3412 | R 3/4" | 12 | 14,5 | 28,0 | 50,0 | 27 | 9,2 |
| 5010TR3814 | R 3/8" | 14 | 10,0 | 29,5 | 47,5 | 17 | 6,0 |
| 5010TR1214 | R 1/2" | 14 | 12,5 | 29,5 | 50,8 | 22 | 7,0 |
| 5010TR3414 | R 3/4" | 14 | 14,5 | 29,5 | 51,7 | 27 | 9,8 |
| 5010TR1216 | R 1/2" | 16 | 12,5 | 30,0 | 51,3 | 22 | 8,0 |
| 5010TR3416 | R 3/4" | 16 | 14,5 | 30,0 | 52,2 | 27 | 10,0 |
| 5010TR1219 | R 1/2" | 19 | 12,5 | 31,0 | 52,2 | 22 | 9,0 |
| 5010TR3419 | R 3/4" | 19 | 14,5 | 31,0 | 53,3 | 27 | 15,0 |
| 5010TR119 | R 1" | 19 | 21,0 | 31,0 | 60,1 | 27 | 18,8 |
| 5010TR3425 | R 3/4" | 25 | 14,0 | 32,0 | 54,8 | 27 | - |
| 5010TR0125 | R 1" | 25 | 18,0 | 39,5 | 66,6 | 35 | - |

*drawings and technical data are not binding & can be changed without notice*

## 5020 Male elbow barb connector BSPT thread

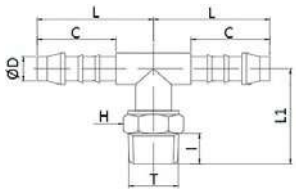





| CODE | T | OD | I | C | L | L1 | H | g |
|---|---|---|---|---|---|---|---|---|
| 5020TR184 | R 1/8" | 4 | 8,0 | 16,0 | 22,5 | 21,0 | 11 | 1,0 |
| 5020TR144 | R 1/4" | 4 | 10,0 | 16,0 | 22,5 | 24,0 | 14 | 1,0 |
| 5020TR185 | R 1/8" | 5 | 8,0 | 21,0 | 28,0 | 24,0 | 11 | 1,0 |
| 5020TR145 | R 1/4" | 5 | 10,0 | 21,0 | 28,0 | 26,0 | 14 | 3,0 |
| 5020TR125 | R 1/2" | 5 | 13,0 | 21,0 | 28,0 | 30,0 | 22 | 6,0 |
| 5020TR186 | R 1/8" | 6 | 8,5 | 23,5 | 31,5 | 23,5 | 11 | 1,0 |
| 5020TR146 | R 1/4" | 6 | 10,0 | 23,0 | 31,0 | 26,0 | 14 | 3,0 |
| 5020TR386 | R 3/8" | 6 | 10,5 | 23,0 | 31,0 | 26,0 | 17 | 3,0 |
| 5020TR126 | R 1/2" | 6 | 13,0 | 23,5 | 31,5 | 30,0 | 22 | 7,0 |
| 5020TR188 | R 1/8" | 8 | 8,0 | 25,0 | 36,0 | 26,0 | 11 | 3,0 |
| 5020TR148 | R 1/4" | 8 | 10,0 | 25,0 | 36,0 | 28,0 | 14 | 3,0 |
| 5020TR388 | R 3/8" | 8 | 10,5 | 25,0 | 36,0 | 28,0 | 17 | 5,0 |
| 5020TR128 | R 1/2" | 8 | 13,0 | 25,0 | 36,0 | 30,5 | 22 | 7,0 |
| 5020TR1410 | R 1/4" | 10 | 10,0 | 27,0 | 39,0 | 28,0 | 14 | 4,0 |
| 5020TR3810 | R 3/8" | 10 | 10,5 | 27,0 | 39,0 | 28,0 | 17 | 6,0 |
| 5020TR1210 | R 1/2" | 10 | 13,0 | 27,0 | 39,0 | 30,5 | 22 | 8,0 |
| 5020TR3410 | R 3/4" | 10 | 14,5 | 27,0 | 39,0 | 33,5 | 27 | 9,9 |
| 5020TR1412 | R 1/4" | 12 | 10,0 | 28,0 | 41,0 | 28,0 | 14 | 7,0 |
| 5020TR3812 | R 3/8" | 12 | 10,5 | 28,0 | 41,0 | 28,0 | 17 | 8,0 |
| 5020TR1212 | R 1/2" | 12 | 13,0 | 28,0 | 41,0 | 32,0 | 22 | 9,0 |
| 5020TR3412 | R 3/4" | 12 | 14,5 | 28,0 | 41,0 | 34,0 | 27 | 12,0 |
| 5020TR3814 | R 3/8" | 14 | 10,5 | 29,5 | 42,5 | 31,5 | 17 | 9,0 |
| 5020TR1214 | R 1/2" | 14 | 13,0 | 29,5 | 42,5 | 34,0 | 22 | 11,0 |
| 5020TR3414 | R 3/4" | 14 | 14,5 | 29,5 | 42,5 | 37,5 | 27 | 14,4 |
| 5020TR1216 | R 1/2" | 16 | 12,5 | 30,0 | 44,0 | 36,0 | 22 | 13,0 |
| 5020TR3416 | R 3/4" | 16 | 14,5 | 30,0 | 44,0 | 39,0 | 27 | 14,0 |
| 5020TR1219 | R 1/2" | 19 | 12,5 | 31,0 | 45,0 | 36,0 | 22 | 15,0 |
| 5020TR3419 | R 3/4" | 19 | 15,0 | 31,0 | 45,0 | 38,0 | 27 | 16,6 |

## 5025 Male tee barb connector BSPT thread

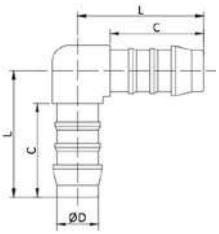





| CODE | T | ØD | I | C | L | L1 | H | g |
|---|---|---|---|---|---|---|---|---|
| 5025TR184 | R 1/8" | 4 | 8,0 | 16,0 | 19,7 | 18,5 | 11 | 1,0 |
| 5025TR144 | R 1/4" | 4 | 10,5 | 16,0 | 22,6 | 21,5 | 14 | 2,5 |
| 5025TR185 | R 1/8" | 5 | 8,0 | 21,0 | 25,5 | 19,5 | 11 | 1,0 |
| 5025TR145 | R 1/4" | 5 | 10,5 | 21,0 | 28,2 | 22,5 | 14 | 3,0 |
| 5025TR186 | R 1/8" | 6 | 8,5 | 23,5 | 28,0 | 23,5 | 11 | 1,0 |
| 5025TR146 | R 1/4" | 6 | 10,5 | 23,0 | 31,5 | 23,0 | 14 | 3,0 |
| 5025TR386 | R 3/8" | 6 | 13,0 | 23,0 | 31,5 | 23,0 | 17 | 4,1 |
| 5025TR126 | R 1/2" | 6 | 12,5 | 23,0 | 31,5 | 27,0 | 22 | 7,1 |
| 5025TR188 | R 1/8" | 8 | 8,0 | 25,0 | 30,8 | 21,5 | 11 | 3,0 |
| 5025TR148 | R 1/4" | 8 | 10,5 | 25,0 | 36,3 | 24,5 | 14 | 5,0 |
| 5025TR388 | R 3/8" | 8 | 10,5 | 25,0 | 36,3 | 24,5 | 17 | 6,0 |
| 5025TR128 | R 1/2" | 8 | 13,0 | 25,0 | 31,0 | 28,5 | 22 | 7,5 |
| 5025TR1410 | R 1/4" | 10 | 10,0 | 27,0 | 39,3 | 28,0 | 14 | 6,4 |
| 5025TR3810 | R 3/8" | 10 | 10,5 | 27,0 | 39,3 | 28,0 | 17 | 7,3 |
| 5025TR1210 | R 1/2" | 10 | 12,5 | 27,0 | 39,5 | 30,5 | 22 | 9,6 |
| 5025TR3410 | R 3/4" | 10 | 13,0 | 27,0 | 39,5 | 31,5 | 27 | 11,8 |
| 5025TR1412 | R 1/4" | 12 | 10,0 | 28,0 | 41,3 | 28,0 | 14 | 15,0 |
| 5025TR3812 | R 3/8" | 12 | 10,5 | 28,0 | 41,3 | 28,0 | 17 | 9,0 |
| 5025TR1212 | R 1/2" | 12 | 13,0 | 28,0 | 41,3 | 31,5 | 22 | 12,6 |
| 5025TR3412 | R 3/4" | 12 | 13,0 | 28,0 | 41,3 | 31,5 | 27 | 14,3 |
| 5025TR3814 | R 3/8" | 14 | 10,5 | 29,5 | 42,8 | 31,5 | 17 | 12,8 |
| 5025TR1214 | R 1/2" | 14 | 12,5 | 29,5 | 42,8 | 34,0 | 22 | 15,0 |
| 5025TR3414 | R 3/4" | 14 | 13,0 | 30,0 | 42,8 | 35,0 | 27 | 17,9 |
| 5025TR1216 | R 1/2" | 16 | 12,5 | 30,0 | 44,1 | 36,0 | 22 | 15,0 |
| 5025TR3416 | R 3/4" | 16 | 13,5 | 30,0 | 44,2 | 37,0 | 27 | 18,6 |
| 5025TR1219 | R 1/2" | 19 | 12,5 | 31,0 | 45,1 | 36,0 | 22 | 19,6 |
| 5025TR3419 | R 3/4" | 19 | 13,5 | 31,0 | 45,3 | 36,0 | 27 | 21,6 |

## 5030 Union elbow barb connector



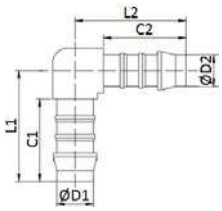



| CODE | ØD | C | L | g |
|---|---|---|---|---|
| 5030TR4 | 4 | 16,0 | 23,0 | 1,0 |
| 5030TR5 | 5 | 21,0 | 28,5 | 1,2 |
| 5030TR6 | 6 | 23,0 | 31,5 | 1,5 |
| 5030TR8 | 8 | 25,0 | 36,5 | 3,0 |
| 5030TR10 | 10 | 27,0 | 39,0 | 4,0 |
| 5030TR12 | 12 | 28,0 | 40,0 | 7,0 |
| 5030TR14 | 14 | 29,5 | 42,5 | 9,0 |
| 5030TR16 | 16 | 30,0 | 44,0 | 11,0 |
| 5030TR19 | 19 | 31,0 | 45,0 | 13,0 |

*drawings and technical data are not binding & can be changed without notice*

## 5035 Reduced union elbow barb connector

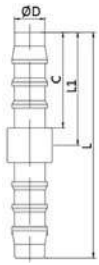





| CODE | ØD1 | ØD2 | C1 | C2 | L1 | L2 | g |
|---|---|---|---|---|---|---|---|
| 5035TR54 | 5 | 4 | 21,0 | 16,0 | 28,5 | 23,0 | 1,0 |
| 5035TR64 | 6 | 4 | 21,0 | 16,0 | 35,5 | 29,0 | 1,0 |
| 5035TR65 | 6 | 5 | 23,0 | 21,0 | 31,5 | 28,5 | 1,5 |
| 5035TR86 | 8 | 6 | 25,0 | 23,0 | 36,5 | 31,5 | 2,0 |
| 5035TR106 | 10 | 6 | 27,0 | 23,0 | 39,0 | 31,5 | 3,8 |
| 5035TR108 | 10 | 8 | 27,0 | 25,0 | 39,0 | 36,5 | 4,0 |
| 5035TR1210 | 12 | 10 | 28,0 | 27,0 | 40,0 | 39,0 | 7,0 |
| 5035TR1412 | 14 | 12 | 29,5 | 28,0 | 42,5 | 40,0 | 9,0 |
| 5035TR1614 | 16 | 14 | 30,0 | 29,5 | 44,0 | 42,5 | 11,0 |
| 5035TR1916 | 19 | 16 | 31,0 | 30,0 | 45,0 | 44,0 | 14,0 |

## 5040 Union barb connector

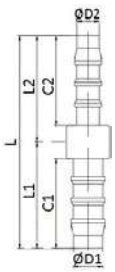





| CODE | ØD | C | L | L1 | g |
|---|---|---|---|---|---|
| 5040TR4 | 4 | 16,0 | 36,6 | 18,0 | 1,0 |
| 5040TR5 | 5 | 21,0 | 48,5 | 23,5 | 1,2 |
| 5040TR6 | 6 | 23,0 | 52,2 | 26,0 | 1,5 |
| 5040TR8 | 8 | 25,0 | 59,3 | 29,0 | 2,0 |
| 5040TR10 | 10 | 27,0 | 63,0 | 31,5 | 3,0 |
| 5040TR12 | 12 | 28,0 | 66,0 | 33,0 | 4,0 |
| 5040TR14 | 14 | 29,5 | 71,8 | 35,5 | 7,5 |
| 5040TR16 | 16 | 30,0 | 72,5 | 36,0 | 9,0 |
| 5040TR19 | 19 | 31,0 | 73,5 | 37,0 | 11,0 |

## 5045 Reduced union barb connector



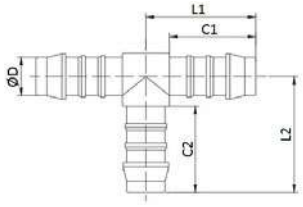



| CODE | ØD1 | ØD2 | C1 | C2 | L | L1 | L2 | g |
|---|---|---|---|---|---|---|---|---|
| 5045TR54 | 5 | 4 | 21,0 | 16,0 | 42,2 | 23,5 | 18,0 | 1,0 |
| 5045TR64 | 6 | 4 | 23,0 | 16,0 | 45,7 | 26,0 | 18,0 | 1,0 |
| 5045TR65 | 6 | 5 | 23,0 | 21,0 | 50,6 | 26,0 | 23,5 | 1,0 |
| 5045TR85 | 8 | 5 | 25,0 | 21,0 | 54,4 | 29,5 | 23,5 | 2,0 |
| 5045TR86 | 8 | 6 | 25,0 | 23,0 | 56,3 | 29,0 | 26,0 | 3,0 |
| 5045TR106 | 10 | 6 | 27,0 | 23,0 | 58,9 | 31,5 | 26,0 | 3,0 |
| 5045TR108 | 10 | 8 | 27,0 | 25,0 | 62,0 | 31,5 | 29,0 | 3,0 |
| 5045TR128 | 12 | 8 | 28,0 | 25,0 | 63,8 | 33,0 | 29,0 | 3,0 |
| 5045TR1210 | 12 | 10 | 28,0 | 27,0 | 65,3 | 33,0 | 31,5 | 5,0 |
| 5045TR1410 | 14 | 10 | 29,5 | 27,0 | 69,0 | 35,5 | 31,5 | 6,0 |
| 5045TR1412 | 14 | 12 | 29,5 | 28,0 | 70,0 | 35,5 | 33,0 | 7,0 |
| 5045TR1612 | 16 | 12 | 30,0 | 28,0 | 70,3 | 36,0 | 33,0 | 7,0 |
| 5045TR1614 | 16 | 14 | 30,0 | 29,5 | 71,7 | 36,0 | 35,5 | 8,0 |
| 5045TR1914 | 19 | 14 | 31,0 | 29,5 | 72,7 | 37,0 | 35,5 | 10,0 |
| 5045TR1916 | 19 | 16 | 31,0 | 30,0 | 73,2 | 37,0 | 36,0 | 10,0 |

*drawings and technical data are not binding & can be changed without notice*

## 5050 Union tee barb connector

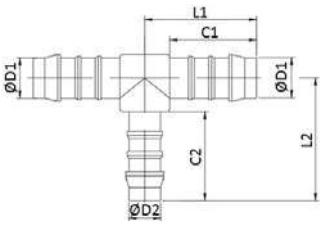





| CODE | ØD | C1 | C2 | L1 | L2 | g |
|---|---|---|---|---|---|---|
| 5050TR4 | 4 | 16,0 | 16,0 | 20,0 | 20,5 | 1,0 |
| 5050TR5 | 5 | 21,0 | 21,0 | 25,5 | 26,5 | 1,0 |
| 5050TR6 | 6 | 23,0 | 23,0 | 28,0 | 29,0 | 1,0 |
| 5050TR8 | 8 | 25,0 | 25,0 | 30,8 | 32,5 | 3,0 |
| 5050TR10 | 10 | 27,0 | 27,0 | 33,5 | 33,5 | 5,0 |
| 5050TR12 | 12 | 28,0 | 28,0 | 35,5 | 37,5 | 8,0 |
| 5050TR14 | 14 | 29,5 | 29,5 | 38,3 | 42,5 | 12,0 |
| 5050TR16 | 16 | 30,0 | 30,0 | 39,8 | 44,0 | 13,0 |
| 5050TR19 | 19 | 31,0 | 31,0 | 40,0 | 45,0 | 17,0 |

## 5055 Reduced union tee barb connector

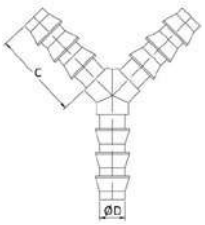





| CODE | ØD1 | ØD2 | C1 | C2 | L1 | L2 | g |
|---|---|---|---|---|---|---|---|
| 5055TR54 | 5 | 4 | 21,0 | 16,0 | 25,3 | 21,5 | 1,0 |
| 5055TR65 | 6 | 5 | 23,0 | 21,0 | 27,8 | 27,0 | 2,0 |
| 5055TR86 | 8 | 6 | 25,0 | 23,0 | 30,7 | 30,5 | 3,0 |
| 5055TR108 | 10 | 8 | 27,0 | 25,0 | 33,2 | 34,0 | 4,0 |
| 5055TR1210 | 12 | 10 | 28,0 | 27,0 | 35,3 | 36,5 | 7,0 |
| 5055TR1412 | 14 | 12 | 29,5 | 28,0 | 38,3 | 38,5 | 11,0 |
| 5055TR1614 | 16 | 14 | 30,0 | 29,5 | 39,7 | 41,5 | 13,0 |
| 5055TR1916 | 19 | 16 | 31,0 | 30,0 | 42,3 | 43,0 | 17,0 |

## 5060 Union Y barb connector





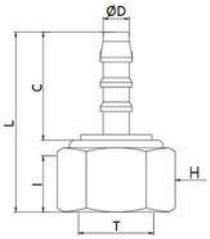

| CODE | ØD | C | g |
|---|---|---|---|
| 5060TR4 | 4 | 16,5 | 1,0 |
| 5060TR6 | 6 | 23,5 | 1,5 |
| 5060TR8 | 8 | 25,5 | 3,0 |
| 5060TR10 | 10 | 24,0 | 5,0 |
| 5060TR17 | 17 | 24,0 | 7,0 |

*drawings and technical data are not binding & can be changed without notice*

## 5070

Swivel female barb connector BSPP thread





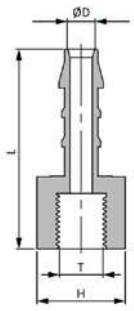

| CODE | T | ØD | I | C | L | H | g |
|---|---|---|---|---|---|---|---|
| 5070TR184 | G 1/8" | 4 | 10,0 | 16,0 | 27,5 | 13 | 1,0 |
| 5070TR144 | G 1/4" | 4 | 14,2 | 16,0 | 31,7 | 16 | 1,0 |
| 5070TR185 | G 1/8" | 5 | 10,0 | 21,0 | 32,0 | 13 | 1,2 |
| 5070TR145 | G 1/4" | 5 | 15,0 | 21,0 | 36,2 | 16 | 1,5 |
| 5070TR385 | G 3/8" | 5 | 14,5 | 21,0 | 36,0 | 20 | 2,0 |
| 5070TR146 | G 1/4" | 6 | 15,0 | 23,0 | 37,3 | 16 | 2,0 |
| 5070TR386 | G 3/8" | 6 | 14,5 | 23,0 | 36,8 | 20 | 3,0 |
| 5070TR126 | G 1/2" | 6 | 17,0 | 23,0 | 39,5 | 24 | 6,0 |
| 5070TR148 | G 1/4" | 8 | 14,2 | 25,0 | 41,3 | 16 | 2,0 |
| 5070TR388 | G 3/8" | 8 | 14,5 | 25,0 | 40,8 | 20 | 2,0 |
| 5070TR128 | G 1/2" | 8 | 17,0 | 25,0 | 43,6 | 24 | 3,0 |
| 5070TR348 | G 3/4" | 8 | 17,0 | 25,0 | 43,4 | 30 | 6,0 |
| 5070TR3810 | G 3/8" | 10 | 14,5 | 27,0 | 42,8 | 20 | 4,0 |
| 5070TR1210 | G 1/2" | 10 | 17,0 | 27,0 | 43,6 | 24 | 6,0 |
| 5070TR3410 | G 3/4" | 10 | 17,0 | 27,0 | 45,6 | 30 | 9,0 |
| 5070TR1212 | G 1/2" | 12 | 17,0 | 28,0 | 46,7 | 24 | 8,0 |
| 5070TR3412 | G 3/4" | 12 | 17,0 | 28,0 | 46,5 | 30 | 10,0 |
| 5070TR1214 | G 1/2" | 14 | 17,0 | 29,5 | 50,0 | 24 | 8,0 |
| 5070TR3414 | G 3/4" | 14 | 17,0 | 29,5 | 48,0 | 30 | 10,0 |
| 5070TR3416 | G 3/4" | 16 | 17,0 | 30,0 | 48,5 | 30 | 11,0 |
| 5070TR3419 | G 3/4" | 19 | 17,0 | 31,0 | 49,3 | 30 | 16,0 |

*drawings and technical data are not binding & can be changed without notice*

## 5007

Female barb connector NPT thread



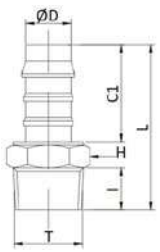



| CODE | T | ØD | L | H | g |
|---|---|---|---|---|---|
| 5007TR1814 | N 1/8" | 1/4" | 36,7 | 14 | 2,24 |
| 5007TR1414 | N 1/4" | 1/4" | 40,1 | 17 | 3,5 |
| 5007TR3814 | N 3/8" | 1/4" | 40,0 | 22 | 5,29 |
| 5007TR1214 | N 1/2" | 1/4" | 43,7 | 27 | 7,95 |
| 5007TR18516 | N 1/8" | 5/16" | 38,9 | 14 | 2,5 |
| 5007TR14516 | N 1/4" | 5/16" | 41,8 | 17 | 3,58 |
| 5007TR38516 | N 3/8" | 5/16" | 42,0 | 22 | 5,6 |
| 5007TR12516 | N 1/2" | 5/16" | 45,0 | 27 | 8,1 |
| 5007TR1438 | N 1/4" | 3/8" | 44,1 | 17 | 4,09 |
| 5007TR3838 | N 3/8" | 3/8" | 43,9 | 22 | 6,1 |
| 5007TR1238 | N 1/2" | 3/8" | 47,2 | 27 | 8,7 |
| 5007TR1412 | N 1/4" | 1/2" | 44,7 | 17 | 4,64 |
| 5007TR3812 | N 3/8" | 1/2" | 45,2 | 22 | 6,55 |
| 5007TR1212 | N 1/2" | 1/2" | 48,8 | 27 | 9,2 |
| 5007TR38916 | N 3/8" | 9/16" | 46,5 | 22 | - |
| 5007TR12916 | N 1/2" | 9/16" | 50,3 | 27 | - |
| 5007TR1258 | N 1/2" | 5/8" | 50,4 | 27 | 10,1 |
| 5007TR1234 | N 1/2" | 3/4" | 51,7 | 27 | 10,6 |

## 5015

Male barb connector NPT thread



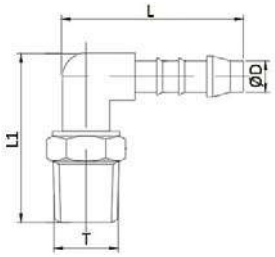



| CODE | T | ØD | I | C1 | L | H | g |
|---|---|---|---|---|---|---|---|
| 5015TR18532 | N 1/8" | 5/32" | 8,0 | 16,0 | 30,7 | 11 | 1,0 |
| 5015TR14532 | N 1/4" | 5/32" | 13,0 | 16,0 | 35,3 | 14 | 1,0 |
| 5015TR18316 | N 1/8" | 3/16" | 9,0 | 21,0 | 36,3 | 11 | 1,0 |
| 5015TR14316 | N 1/4" | 3/16" | 13,0 | 21,0 | 39,7 | 14 | 1,0 |
| 5015TR1814 | N 1/8" | 1/4" | 9,0 | 23,0 | 36,1 | 11 | 1,5 |
| 5015TR14 | N 1/4" | 1/4" | 13,0 | 23,0 | 40,6 | 14 | 1,0 |
| 5015TR3814 | N 3/8" | 1/4" | 13,0 | 23,0 | 42,0 | 17 | 3,0 |
| 5015TR1214 | N 1/2" | 1/4" | 18,0 | 23,0 | 46,7 | 22 | 6,4 |
| 5015TR18516 | N 1/8" | 5/16" | 9,0 | 25,0 | 40,2 | 11 | 1,8 |
| 5015TR14516 | N 1/4" | 5/16" | 13,0 | 25,0 | 44,7 | 14 | 2,7 |
| 5015TR38516 | N 3/8" | 5/16" | 13,0 | 25,0 | 46,0 | 17 | 4,1 |
| 5015TR12516 | N 1/2" | 5/16" | 18,0 | 25,0 | 51,0 | 22 | 6,8 |
| 5015TR1438 | N 1/4" | 3/8" | 13,0 | 27,0 | 46,5 | 14 | 3,0 |
| 5015TR38 | N 3/8" | 3/8" | 13,0 | 27,0 | 47,7 | 17 | 5,0 |
| 5015TR1238 | N 1/2" | 3/8" | 18,0 | 27,0 | 53,2 | 22 | 7,4 |
| 5015TR3438 | N 3/4" | 3/8" | 19,0 | 27,0 | 54,3 | 27 | 9,8 |
| 5015TR1412 | N 1/4" | 1/2" | 13,0 | 28,0 | 47,7 | 14 | 3,5 |
| 5015TR3812 | N 3/8" | 1/2" | 13,0 | 28,0 | 49,0 | 17 | 5,0 |
| 5015TR12 | N 1/2" | 1/2" | 18,0 | 28,0 | 53,7 | 22 | 7,6 |
| 5015TR3412 | N 3/4" | 1/2" | 19,0 | 28,0 | 54,7 | 27 | 10,3 |
| 5015TR38916 | N 3/8" | 9/16" | 13,0 | - | 51,0 | 17 | - |
| 5015TR12916 | N 1/2" | 9/16" | 18,0 | - | 55,4 | 22 | - |
| 5015TR34916 | N 3/4" | 9/16" | 19,0 | - | 56,1 | 27 | - |
| 5015TR1258 | N 1/2" | 5/8" | 18,0 | 30,0 | 56,3 | 22 | 8,5 |
| 5015TR3458 | N 3/4" | 5/8" | 19,0 | 30,0 | 56,8 | 27 | 11,2 |
| 5015TR1234 | N 1/2" | 3/4" | 18,0 | 31,0 | 57,0 | 22 | 9,1 |
| 5015TR34 | N 3/4" | 3/4" | 19,0 | 31,0 | 57,7 | 27 | 11,9 |

*drawings and technical data are not binding & can be changed without notice*

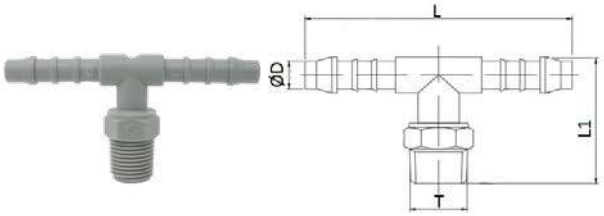
## 5022 Male elbow barb connector NPT thread





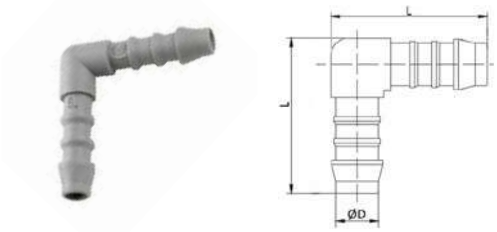

| CODE | T | ØD | L | L1 | g |
|---|---|---|---|---|---|
| 5022TR18532 | N 1/8" | 5/32" | 25,7 | 26,0 | 1,58 |
| 5022TR14532 | N 1/4" | 5/32" | 25,9 | 31,1 | 2,5 |
| 5022TR18316 | N 1/8" | 3/16" | 31,8 | 28,6 | 2,0 |
| 5022TR14316 | N 1/4" | 3/16" | 33,4 | 31,8 | 2,0 |
| 5022TR12316 | N 1/2" | 3/16" | 41,8 | 31,8 | 2,0 |
| 5022TR1814 | N 1/8" | 1/4" | 35,4 | 29,0 | 2,29 |
| 5022TR1414 | N 1/4" | 1/4" | 35,5 | 33,7 | 3,3 |
| 5022TR3814 | N 3/8" | 1/4" | 35,5 | 33,8 | 4,8 |
| 5022TR1214 | N 1/2" | 1/4" | 42,2 | 35,5 | 6,7 |
| 5022TR18516 | N 1/8" | 5/16" | 41,5 | 32,1 | 3,30 |
| 5022TR14516 | N 1/4" | 5/16" | 41,2 | 36,7 | 4,25 |
| 5022TR38516 | N 3/8" | 5/16" | 41,5 | 36,6 | 5,4 |
| 5022TR12516 | N 1/2" | 5/16" | 41,5 | 43,1 | 8,7 |
| 5022TR1438 | N 1/4" | 3/8" | 45,4 | 37,7 | 4,8 |
| 5022TR3838 | N 3/8" | 3/8" | 45,3 | 37,5 | 6,2 |
| 5022TR1238 | N 1/2" | 3/8" | 45,4 | 44,4 | 7,8 |
| 5022TR3438 | N 3/4" | 3/8" | 45,4 | 44,0 | 12,4 |
| 5022TR1412 | N 1/4" | 1/2" | 48,6 | 39,0 | - |
| 5022TR3812 | N 3/8" | 1/2" | 48,3 | 28,6 | 7,8 |
| 5022TR1212 | N 1/2" | 1/2" | 48,7 | 45,2 | 11,1 |
| 5022TR3412 | N 3/4" | 1/2" | 48,7 | 45,2 | 14,1 |
| 5022TR38916 | N 3/8" | 9/16" | 51,4 | 42,2 | - |
| 5022TR12916 | N 1/2" | 9/16" | 51,4 | 48,6 | - |
| 5022TR34916 | N 3/4" | 9/16" | 51,5 | 48,5 | - |
| 5022TR1258 | N 1/2" | 5/8" | 53,8 | 51,5 | 14,4 |
| 5022TR3458 | N 3/4" | 5/8" | 53,8 | 51,4 | 17,5 |
| 5022TR1234 | N 1/2" | 3/4" | 56,6 | 52,8 | 16,1 |
| 5022TR3434 | N 3/4" | 3/4" | 56,2 | 53,0 | 18,8 |

## 5027 Male tee barb connector NPT thread



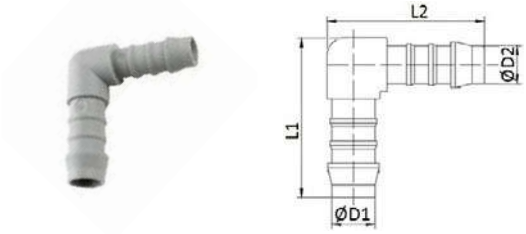

| CODE | T | ØD | L | L1 | g |
|---|---|---|---|---|---|
| 5027TR12316 | N 1/2" | 3/16" | 56,3 | 39,3 | 7,8 |
| 5027TR1814 | N 1/8" | 1/4" | 63,0 | 29,4 | - |
| 5027TR1414 | N 1/4" | 1/4" | 63,0 | 33,8 | 3,86 |
| 5027TR3814 | N 3/8" | 1/4" | 63,0 | 33,7 | 6,55 |
| 5027TR1214 | N 1/2" | 1/4" | 63,0 | 40,3 | 9,57 |
| 5027TR18516 | N 1/8" | 5/16" | 72,5 | 32,3 | 4,51 |
| 5027TR14516 | N 1/4" | 5/16" | 72,5 | 36,8 | 5,46 |
| 5027TR38516 | N 3/8" | 5/16" | 72,5 | 36,9 | 6,65 |
| 5027TR12516 | N 1/2" | 5/16" | 72,5 | 42,8 | 9,68 |
| 5027TR1438 | N 1/4" | 3/8" | 78,5 | 38,0 | 5,14 |
| 5027TR3838 | N 3/8" | 3/8" | 78,5 | 37,7 | 7,78 |
| 5027TR1238 | N 1/2" | 3/8" | 78,5 | 44,0 | 10,52 |
| 5027TR3438 | N 3/4" | 3/8" | 78,5 | 43,8 | 13,91 |
| 5027TR1412 | N 1/4" | 1/2" | 82,6 | 39,3 | 8,62 |
| 5027TR3812 | N 3/8" | 1/2" | 82,6 | 38,8 | 11,0 |
| 5027TR1212 | N 1/2" | 1/2" | 82,6 | 45,5 | 14,44 |
| 5027TR3412 | N 3/4" | 1/2" | 82,6 | 45,5 | 20,42 |
| 5027TR1258 | N 1/2" | 5/8" | 88,4 | 51,5 | 18,28 |
| 5027TR3458 | N 3/4" | 5/8" | 88,4 | 51,1 | 21,0 |
| 5027TR1234 | N 1/2" | 3/4" | 90,5 | 53,0 | 16,6 |
| 5027TR3434 | N 3/4" | 3/4" | 90,5 | 52,5 | 23,0 |

## 5032 Union elbow barb connector - inch tube




| CODE | ØD | L | g |
|---|---|---|---|
| 5032TR532 | 5/32" | 25,6 | 0,65 |
| 5032TR316 | 3/16" | 33,2 | 1,19 |
| 5032TR14 | 1/4" | 36,1 | 1,77 |
| 5032TR516 | 5/16" | 41,4 | 3,18 |
| 5032TR38 | 3/8" | 44,6 | 4,42 |
| 5032TR12 | 1/2" | 47,6 | 6,7 |
| 5032TR916 | 9/16" | 51,2 | - |
| 5032TR58 | 5/8" | 54,3 | 11,17 |
| 5032TR34 | 3/4" | 56,7 | 13,6 |

## 5037 Reduced union elbow barb connector - inch tube

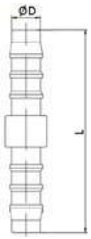



| CODE | ØD1 | ØD2 | L1 | L2 | g |
|---|---|---|---|---|---|
| 5037TR316532 | 3/16" | 5/32" | 31,8 | 27,9 | 1,5 |
| 5037TR14316 | 1/4" | 3/16" | 35,4 | 34,1 | 2,0 |
| 5037TR51614 | 5/16" | 1/4" | 39,4 | 41,6 | 2,3 |
| 5037TR3814 | 3/8" | 1/4" | 40,2 | 45,3 | 3,8 |
| 5037TR38516 | 3/8" | 5/16" | 42,5 | 45,5 | 4,0 |
| 5037TR1238 | 1/2" | 3/8" | 45,8 | 48,6 | 6,5 |
| 5037TR91612 | 9/16" | 1/2" | 49,8 | 51,1 | - |
| 5037TR58916 | 5/8" | 9/16" | 53,6 | 53,6 | - |
| 5037TR3458 | 3/4" | 5/8" | 55,8 | 55,8 | 7,2 |

*drawings and technical data are not binding & can be changed without notice*

## 5042 Union barb connector - inch tube

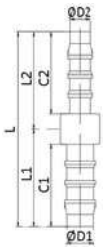





| CODE | ØD | L | g |
|---|---|---|---|
| 5042TR532 | 5/32" | 36,6 | 0,65 |
| 5042TR316 | 3/16" | 47,0 | 1,19 |
| 5042TR14 | 1/4" | 52,2 | 1,77 |
| 5042TR516 | 5/16" | 59,3 | 3,18 |
| 5042TR38 | 3/8" | 63,0 | 4,42 |
| 5042TR12 | 1/2" | 66,3 | 6,7 |
| 5042TR916 | 9/16" | 72,0 | - |
| 5042TR58 | 5/8" | 71,4 | 11,17 |
| 5042TR1116 | 11/16" | 59,1 | - |
| 5042TR34 | 3/4" | 73,8 | 13,6 |

## 5047 Reduced union barb connector - inch tube

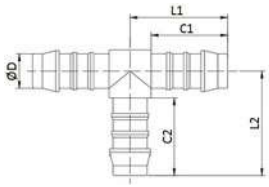





| CODE | ØD1 | ØD2 | C1 | C2 | L1 | L2 | L | g |
|---|---|---|---|---|---|---|---|---|
| 5047TR316532 | 3/16" | 5/32" | 16,0 | 21,0 | 19,0 | 24,0 | 42,2 | 0,63 |
| 5047TR14532 | 1/4" | 5/32" | 23,5 | 21,0 | 26,0 | 19,5 | 45,7 | 0,86 |
| 5047TR14316 | 1/4" | 3/16" | 23,5 | 16,0 | 26,0 | 23,5 | 50,6 | 1,0 |
| 5047TR516316 | 5/16" | 3/16" | 24,0 | 16,0 | 29,5 | 23,5 | 54,4 | 2,0 |
| 5047TR51614 | 5/16" | 1/4" | 25,0 | 23,0 | 29,0 | 26,0 | 56,3 | 2,1 |
| 5047TR3814 | 3/8" | 1/4" | 27,0 | 23,0 | 31,5 | 27,0 | 58,9 | 2,5 |
| 5047TR38516 | 3/8" | 5/16" | 27,0 | 25,0 | 31,5 | 29,0 | 62,0 | 2,8 |
| 5047TR12516 | 1/2" | 5/16" | 28,0 | 25,0 | 33,0 | 29,0 | 63,8 | 4,1 |
| 5047TR1238 | 1/2" | 3/8" | 28,0 | 27,0 | 33,0 | 31,5 | 65,3 | 4,6 |
| 5047TR91638 | 9/16" | 3/8" | 29,5 | 27,0 | 35,5 | 33,0 | 69,1 | 6,16 |
| 5047TR91612 | 9/16" | 1/2" | 29,5 | 28,0 | 35,5 | 34,0 | 69,9 | 6,57 |
| 5047TR5812 | 5/8" | 1/2" | 30,0 | 28,0 | 36,0 | 33,0 | 70,3 | 7,5 |
| 5047TR58916 | 5/8" | 9/16" | 29,5 | 29,5 | 35,5 | 36,0 | 71,7 | 8,0 |
| 5047TR34916 | 3/4" | 9/16" | 31,0 | 29,5 | 35,5 | 37,0 | 72,7 | 9,7 |
| 5047TR3458 | 3/4" | 5/8" | 31,0 | 30,0 | 37,0 | 37,0 | 73,2 | 10,0 |

## 5052 Union tee barb connector - inch tube

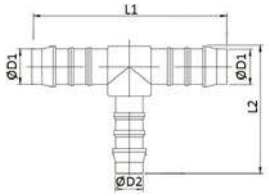





| CODE | ØD | C1 | C2 | L1 | L2 | g |
|---|---|---|---|---|---|---|
| 5052TR532 | 5/32" | 16,0 | 16,0 | 20,0 | 24,3 | 0,62 |
| 5052TR316 | 3/16" | 21,0 | 21,0 | 25,5 | 27,5 | 1,2 |
| 5052TR14 | 1/4" | 23,0 | 23,0 | 28,0 | 29,0 | 1,9 |
| 5052TR516 | 5/16" | 25,0 | 25,0 | 30,6 | 32,5 | 3,2 |
| 5052TR38 | 3/8" | 26,5 | 27,0 | 33,5 | 35,5 | 5,5 |
| 5052TR12 | 1/2" | 28,0 | 28,0 | 35,5 | 37,5 | 9,0 |
| 5052TR916 | 9/16" | 30,0 | 30,0 | 38,6 | 40,8 | 12,3 |
| 5052TR58 | 5/8" | 30,0 | 30,0 | 39,8 | 44,0 | 14,0 |
| 5052TR34 | 3/4" | 31,0 | 31,0 | 40,0 | 45,0 | 17,0 |

## 5057 Reduced union tee barb connector - inch tube

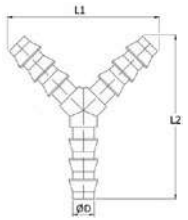





| CODE | ØD1 | ØD2 | L1 | L2 | g |
|---|---|---|---|---|---|
| 5057TR316532 | 3/16" | 5/32" | 50,6 | 25,9 | 1,1 |
| 5057TR14316 | 1/4" | 3/16" | 55,8 | 32,0 | 1,74 |
| 5057TR51614 | 5/16" | 1/4" | 61,5 | 36,2 | 2,94 |
| 5057TR38516 | 3/8" | 5/16" | 66,5 | 39,3 | 1,1 |
| 5057TR1238 | 1/2" | 3/8" | 70,3 | 43,5 | 7,75 |
| 5057TR91612 | 9/16" | 1/2" | 76,3 | 48,0 | - |
| 5057TR58916 | 5/8" | 9/16" | 79,4 | 51,0 | - |
| 5057TR3458 | 3/4" | 5/8" | 84,3 | 55,2 | 16,42 |

## 5062 Union Y barb connector - inch tube






| CODE | ØD | L1 | L2 | g |
|---|---|---|---|---|
| 5062TR532 | 5/32" | 30,8 | 35,5 | 0,65 |
| 5062TR14 | 1/4" | 44,3 | 50,8 | 2,095 |
| 5062TR516 | 5/16" | 49,4 | 55,6 | 3,35 |
| 5062TR38 | 3/8" | 54,9 | 60,8 | 4,93 |
| 5062TR1116 | 11/16" | 57,4 | 62,5 | - |