



-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 construction
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 consequently we recommend 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

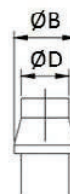


Products in compliance with
the directive EU 2015/863

DIAMETER OF THE BARB

BARB CONNECTORS - NYLON - TAPER GAS BSPT ISO 7

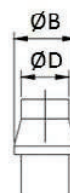
ØD (mm)	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12	Ø14	Ø16	Ø19	Ø25
ØB (mm)	5,2	6,3	8,0	10,0	12,0	14,0	16,2	18,2	21,0	26,0



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

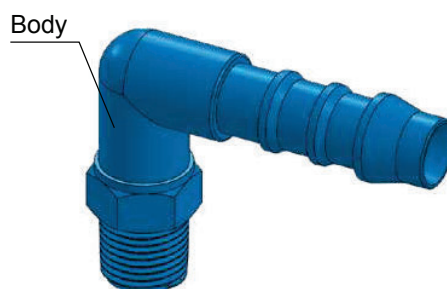


TIGHTENING TORQUE

TAPER GAS BSPT ISO 7

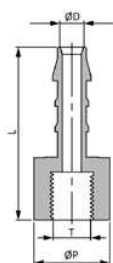
THREAD	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Nm	0,1	0,8	4	6	8	10

CONSTRUCTION DETAILS



5005

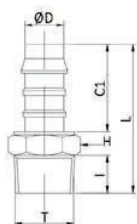
Female barb connector BSPT thread



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

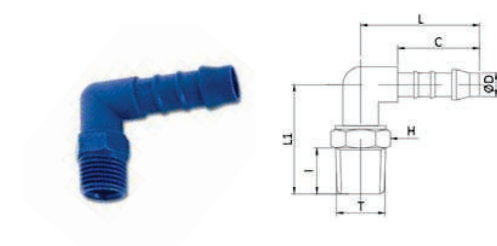
5010

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	-



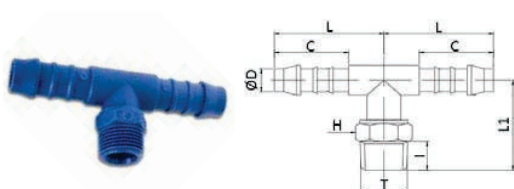
5020**Male elbow barb connector BSPT thread**

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

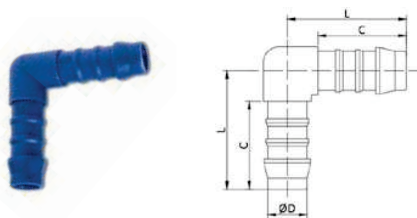
Male tee barb connector BSPT thread



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

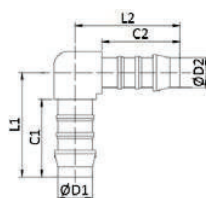
5030

Union elbow barb connector

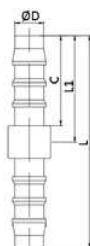


CODE	ØD	C	L	g
5030TR4	4	16,0	23,0	1,0
5030TR5	5	21,0	28,5	1,2
5030TR6	6	23,0	31,5	1,5
5030TR8	8	25,0	36,5	3,0
5030TR10	10	27,0	39,0	4,0
5030TR12	12	28,0	40,0	7,0
5030TR14	14	29,5	42,5	9,0
5030TR16	16	30,0	44,0	11,0
5030TR19	19	31,0	45,0	13,0

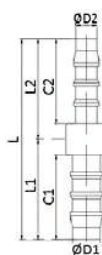


5035**Reduced union elbow barb connector**

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

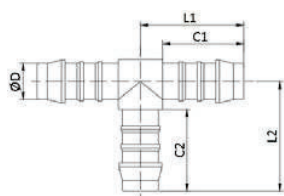
5045**Reduced union barb connector**

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



5050

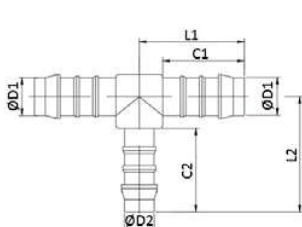
Union tee barb connector



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

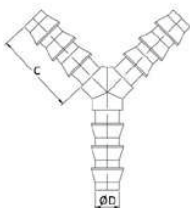
Reduced union tee barb connector



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

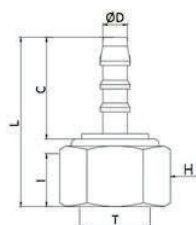
5060

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



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

