

PUSH-ON FITTINGS POLYPROPYLENE



PLUS

**GREAT GRIPPING SYSTEM WITH THE
LOCKING NUT**

HIGH CHEMICAL RESISTANCE

**EASY TO USE AND SUITABLE FOR
VARIOUS APPLICATIONS**

**SUITABLE FOR FOOD AND WATER
CONTACT**

**WIDE RANGE FOR METRIC TUBES
(BLUE) AND FOR INCH TUBES (GREY)**





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p. 142 / **2110**



p. 142 / **2115**



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p. 144 / **2155**



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p. 145 / **2105N**



p. 145 / **2110N**



p. 145 / **2115N**



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p. 146 / **2155N**

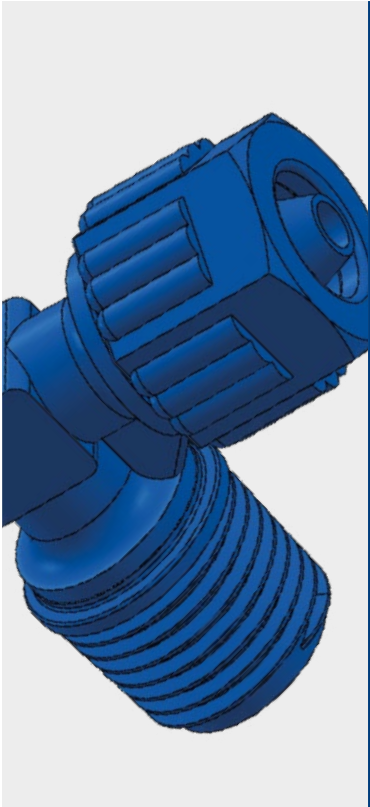


p. 147 / **2160N**



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+4°C ÷ +90°C
Subject to applications



Working pressure:
14 Bar (at 20°C)



Compressed air, water and
fluids suitable with construction
materials



- Taper gas BSPT ISO 7
form R1/8" to R3/4"
- NPT ANSI B 1.20.1
from N1/8" to N1/2"



Polyurethane, Polyethylene,
Polyamide



Body: Fiber glass reinforced
polypropylene
Lock nut: Fiber glass reinforced
polypropylene



Food contact materials
EC 1935/2004



D.M. 174/2004



Products in compliance with
EC Regulation 1907/2006

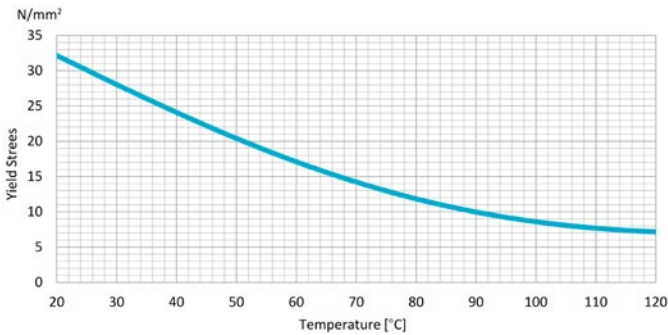


Products in compliance with
the directive EU 2015/863

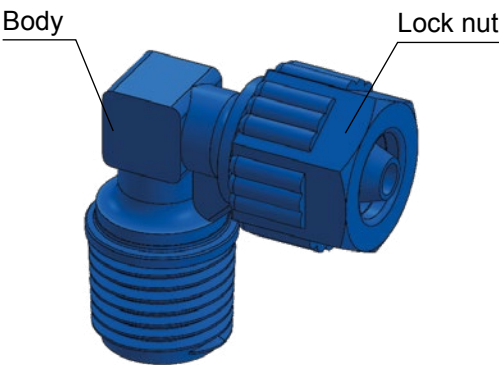
FEATURES

- The fittings of this series have plastic thread and consequently we reccomended to avoid excessive force during screwing and to teflon the thread before use in order to prevent any type of loss.
- It is reccomended to insert the tube to the end and tighten the nut before using.
- Cut the part of the tube attached to the fitting in order to reutilize it.

YIELD STRESS OF POLYPROPYLENE



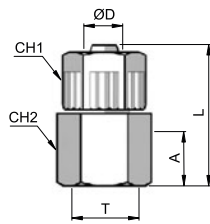
CONSTRUCTION DETAILS



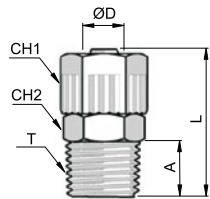
TIGHTENING TORQUE
TAPER GAS BSPT ISO 7

THREAD	1/8"	1/4"	3/8"	1/2"	3/4"
Nm	0,01	0,3	1,3	2,7	5,4

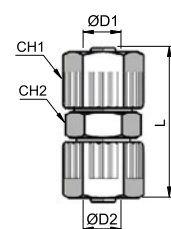


2105**Female connector BSPT thread**

CODE	ØD	T	A	L	CH1	CH2	g
2105TR186	6/4	R 1/8"	10,0	26,3	14	14	3,0
2105TR146		R 1/4"	11,0	27,8	14	17	3,0
2105TR188	8/5,5	R 1/8"	9,5	26,3	14	14	3,0
2105TR148		R 1/4"	11,0	28,0	14	17	4,0
2105TR388		R 3/8"	11,2	30,6	14	22	5,0
2105TR128		R 1/2"	13,5	32,5	14	26	6,0
2105TR1410	10/7	R 1/4"	10,0	31,7	17	17	6,0
2105TR3810		R 3/8"	11,0	33,0	17	22	7,0
2105TR1210		R 1/2"	13,8	35,4	17	26	7,0

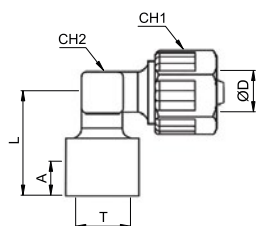
2110**Male connector BSPT thread**

CODE	ØD	T	A	L	CH1	CH2	g
2110TR186	6/4	R 1/8"	8,0	27,5	14	13	3,0
2110TR146		R 1/4"	10,5	29,7	14	14	3,0
2110TR386		R 3/8"	10,5	32,5	14	17	4,5
2110TR126		R 1/2"	13,0	35,5	14	22	6,0
2110TR346		R 3/4"	9,0	36,6	14	27	8,0
2110TR188	8/5,5	R 1/8"	8,0	27,6	14	13	3,0
2110TR148		R 1/4"	10,5	29,5	14	14	3,0
2110TR388		R 3/8"	10,5	31,4	14	17	4,0
2110TR128		R 1/2"	13,0	36,1	14	22	5,0
2110TR348		R 3/4"	9,0	36,6	14	27	8,0
2110TR1410	10/7	R 1/4"	10,5	35,8	17	17	4,0
2110TR3810		R 3/8"	10,5	35,8	17	17	5,0
2110TR1210		R 1/2"	12,0	38,9	17	22	6,0
2110TR3410		R 3/4"	13,0	39,7	17	27	6,0
2110TR1412	12/9	R 1/4"	10,5	37,3	19	14	6,0
2110TR3812		R 3/8"	10,5	37,3	19	17	7,0
2110TR1212		R 1/2"	12,5	40,1	19	22	7,0
2110TR3412		R 3/4"	13,0	40,1	19	27	8,0

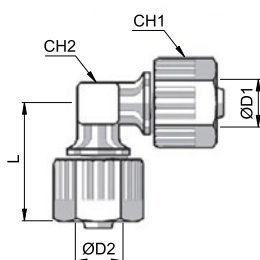
2115**Union connector**

CODE	ØD1	ØD2	L	CH1	CH2	g
2115TR6	6/4	6/4	32,7	14	14	4,0
2115TR8	8/5,5	8/5,5	32,7	14	14	4,0
2115TR12	12/9	12/9	40,6	19	19	8,0
REDUCED UNION CONNECTOR						
2115TR86	8/5,5	6/4	32,7	14	14	4,0

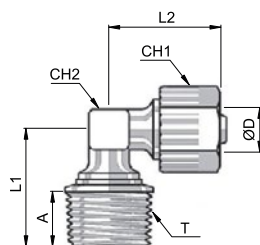


2130**Female elbow BSPT thread**

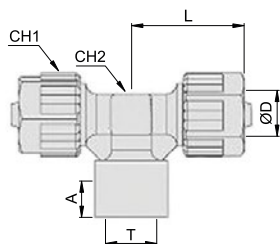
CODE	ØD	T	A	L	CH1	CH2	g
2130TR186	6/4	R 1/8"	10,5	19,5	14	9	5,0
2130TR146		R 1/4"	12,3	22,5	14	9	5,0
2130TR148	8/5,5	R 1/4"	12,3	22,5	14	9	6,0

2135**Union elbow**

CODE	ØD1	ØD2	L	CH1	CH2	g
2135TR6	6/4	6/4	23,3	14	8	4,0
2135TR8	8/5,5	8/5,5	23,5	14	8	4,0
2135TR12	12/9	12/9	32,0	19	15	10,0
REDUCED UNION CONNECTOR						
2135TR86	8/5,5	6/4	23,3	14	8	4,4

2140**Male elbow BSPT thread**

CODE	ØD	T	A	L1	L2	CH1	CH2	g
2140TR186	6/4	R 1/8"	8,0	18,5	22,5	14	8	2,0
2140TR146		R 1/4"	10,0	23,0	22,5	14	8	3,0
2140TR188	8/5,5	R 1/8"	8,5	18,5	23,0	14	8	3,0
2140TR148		R 1/4"	11,0	23,0	23,0	14	8	3,0
2140TR388		R 3/8"	11,0	23,5	23,0	14	8	5,0
2140TR1412	12/9	R 1/4"	10,0	24,0	33,0	19	15	7,0
2140TR3812		R 3/8"	10,0	24,5	33,0	19	15	6,0
2140TR1212		R 1/2"	13,0	28,5	33,0	19	15	9,0

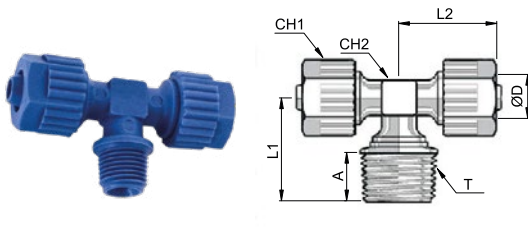
2150**Female tee BSPT thread**

CODE	ØD	T	A	L	CH1	CH2	g
2150TR186	6/4	R 1/8"	10,2	23,3	14	8	5,82
2150TR148	8/5,5	R 1/4"	12,5	23,4	14	8	5,82



2155

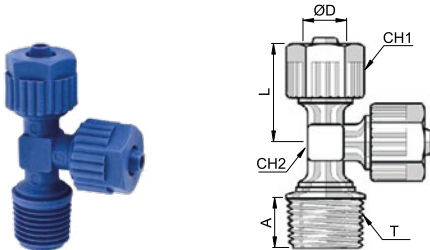
Male tee BSPT thread



CODE	ØD	T	A	L1	L2	CH1	CH2	g
2155TR186	6/4	R 1/8"	9,0	19,0	23,4	14	8	6,0
2155TR146		R 1/4"	11,0	21,0	23,4	14	8	6,0
2155TR188	8/5,5	R 1/8"	9,0	19,0	23,4	14	8	5,0
2155TR148		R 1/4"	11,0	21,0	23,4	14	8	6,0
2155TR388		R 3/8"	11,0	21,0	23,6	14	8	7,0
2155TR1412	12/9	R 1/4"	11,0	21,0	33,5	14	8	12,0
2155TR3812		R 3/8"	10,7	24,5	33,5	19	15	14,0
2155TR1212		R 1/2"	15,0	28,5	33,5	19	15	15,0

2160

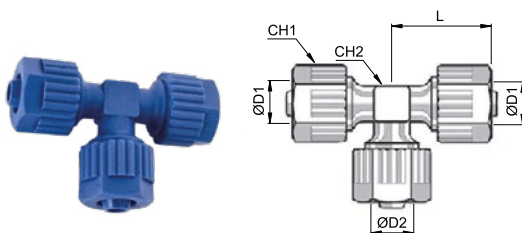
Lateral male tee BSPT thread



CODE	ØD	T	A	L	CH1	CH2	g
2160TR186	6/4	R 1/8"	8,5	20,9	14	8	5,0
2160TR146		R 1/4"	11,0	23,1	14	8	5,0
2160TR188	8/5,5	R 1/8"	8,5	20,9	14	8	5,0
2160TR148		R 1/4"	11,0	23,1	14	8	5,0
2160TR388		R 3/8"	10,0	29,4	14	8	7,0
2160TR1412	12/9	R 1/4"	10,0	28,8	19	15	12,0
2160TR3812		R 3/8"	11,0	29,5	19	15	14,0
2160TR1212		R 1/2"	15,0	31,3	19	15	15,0

2165

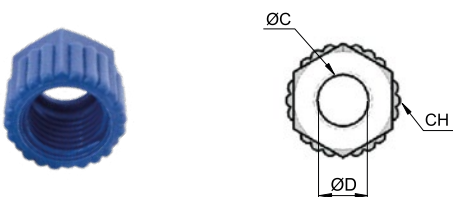
Union tee



CODE	ØD1	ØD2	L	CH1	CH2	g
2165TR6	6/4	6/4	23,4	14	8	7,0
2165TR8	8/5,5	8/5,5	23,4	14	8	5,0
2165TR12	12/9	12/9	33,55	19	14	14,0
REDUCED UNION TEE						
2165TR68	6/4	8/5,5	46,8	14	8	6,48
2165TR86	8/5,5	6/4	46,8	14	8	6,41

2230

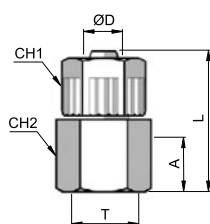
Locking nut



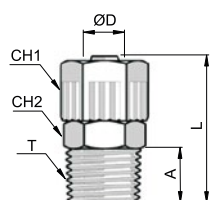
CODE	ØD	ØC	CH	g
2230TR6BL	6/4	6,2	16	1,0
2230TR8BL	8/5,5	8,1	16	2,0
2230TR10BL	10/7	10,2	19	3,0
2230TR12BK	12/9	12,8	22	4,0

2230TR12BK: Black locking nut

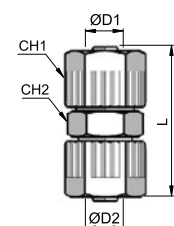


2105N**Female connector NPT thread**

CODE	ØD	T	A	L	CH1	CH2	g
2105TRN1814	1/4	N 1/8"	13,0	26,3	16	14	3,0
2105TRN18516	5/16	N 1/8"	-	26,3	16	14	-
2105TRN14516		N 1/4"	-	32,1	16	17	-
2105TRN38516		N 3/8"	-	32,2	19	22	-
2105TRN12516		N 1/2"	-	37,5	22	27	-
2105TRN1438	3/8	N 1/4"	16,5	34,5	19	17	5,0
2105TRN3838		N 3/8"	16,7	34,5	19	22	6,5
2105TRN1238		N 1/2"	-	38,0	19	27	-

2110N**Male connector NPT thread**

CODE	ØD	T	A	L	CH1	CH2	g
2110TRN1814	1/4	N 1/8"	8,5	29,4	14	11	2,56
2110TRN1414		N 1/4"	13	34,0	14	14	3,33
2110TRN1214		N 1/2"	18	40,2	14	22	6,76
2110TRN18516	5/16	N 1/8"	8,5	29,4	14	11	2,71
2110TRN14516		N 1/4"	13	34,0	14	14	3,07
2110TRN38516		N 3/8"	13	35,1	14	17	4,17
2110TRN1438	3/8	N 1/4"	13	37,6	17	14	4,39
2110TRN3838		N 3/8"	13	38,6	17	17	5,55
2110TRN1238		N 1/2"	18	43,7	17	22	7,63
2110TRN3438		N 3/4"	-	44,4	17	27	10,12
2110TRN1412	1/2	N 1/4"	13	38,8	19	14	5,11
2110TRN3812		N 3/8"	13	40	19	17	6,18
2110TRN1212		N 1/2"	18	45	19	22	8,34

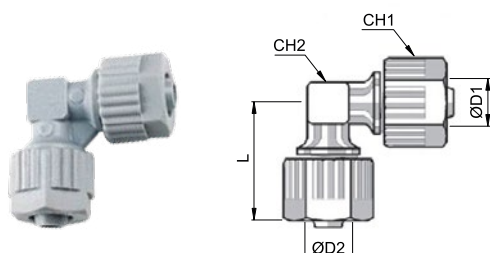
2115N**Union connector**

CODE	ØD1	ØD2	L	CH1	CH2	g
2115TRN14	1/4	1/4	32,5	14	14	4,14
2115TRN516	5/16	5/16	32,6	14	14	4,09
2115TRN12	1/2	1/2	40,4	19	19	8,26



2135N

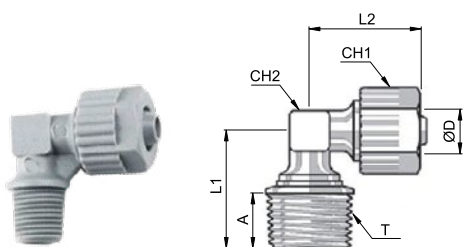
Union elbow connector



CODE	ØD1	ØD2	L	CH1	CH2	g
2135TRN14	1/4	1/4	23,3	14	8	4,48
2135TRN516	5/16	5/16	23,5	14	8	4,35

2140N

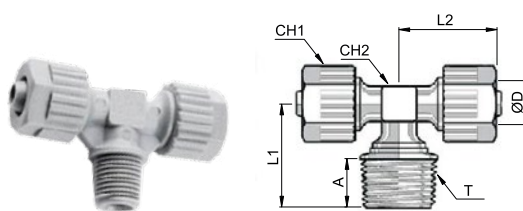
Male elbow NPT thread



CODE	ØD	T	A	L1	L2	CH1	CH2	g
2140TRN1814	1/4	N 1/8"	10	19,5	22,5	14	8	3,2
2140TRN1414		N 1/4"	12,5	23,3	22,5	14	8	3,83
2140TRN18516	5/16	N 1/8"	12,5	23,5	22,5	14	8	3,13
2140TRN14516		N 1/4"	10	19,5	22,5	14	8	3,81

2155N

Male tee NPT thread

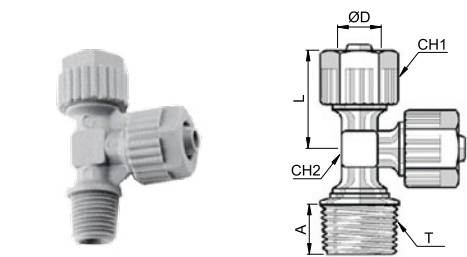


CODE	ØD	T	A	L1	L2	CH1	CH2	g
2155TRN1814	1/4	N 1/8"	10	20,3	23,4	14	8	5,25
2155TRN1414		N 1/4"	12,5	25	23,4	14	8	5,74
2155TRN18516	5/16	N 1/8"	10	20,3	23,4	14	8	5,17
2155TRN14516		N 1/4"	12,5	25	23,4	14	8	5,81
2155TRN3812	1/2	N 3/8"	14	30,2	33,5	19	15	13,06
2155TRN1212		N 1/2"	17,5	33	33,5	19	15	13,79



2160N

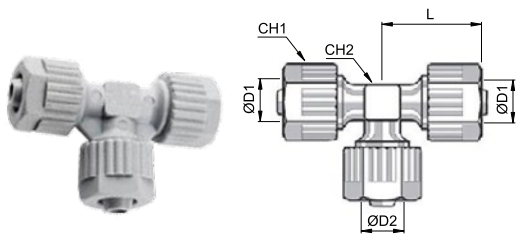
Lateral male tee NPT thread



CODE	ØD	T	A	L	CH1	CH2	g
2160TRN1814	1/4	N 1/8"	-	21,7	14	8	5,28
2160TRN1414		N 1/4"	-	24,1	14	8	5,88
2160TRN18516	5/16	N 1/8"	10	21,7	14	8	5,04
2160TRN14516		N 1/4"	13,3	24,1	14	8	5,62

2165N

Union tee



CODE	ØD1	ØD2	L	CH1	CH2	g
2165TRN14	1/4	1/4	27,4	14	-	6,52
2165TRN516	5/16	5/16	27,4	14	-	6,29
2165TRN12	1/2	1/2	40,4	19	14	14,84



