

PUSH-ON FITTINGS

POLYPROPYLENE

PLUS

**GREAT GRIPPING SYSTEM WITH
THE LOCKING NUT**

**EASY TO BE USED AND EXTREMELY
STRONG**

**SUITABLE FOR FOOD & WATER
CONTACT**

HIGH CHEMICAL RESISTANCE





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p. 186 / **2110**



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N



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p. 188 / **2165**



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N



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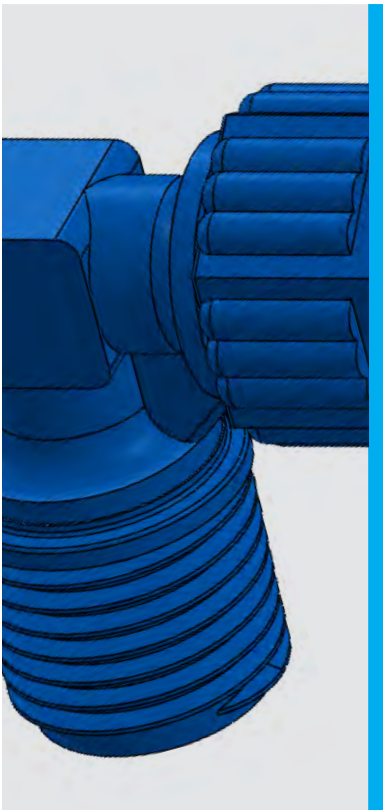
p. 190 / **2160N**

N



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+4°C ÷ +90°C
Subject to applications



Up to 14 Bar at 20°C



Compressed air, water and fluids
suitable with construction materials



Taper gas BSPT ISO 7
from R1/8" to R3/4"



Polyurethane, Polyethylene,
Polyamide



Body: Fiberglass reinforced
polypropylene
Lock nut: Fiberglass reinforced
polypropylene



Products in compliance with
the directive 2002/95/EC

RoHS2

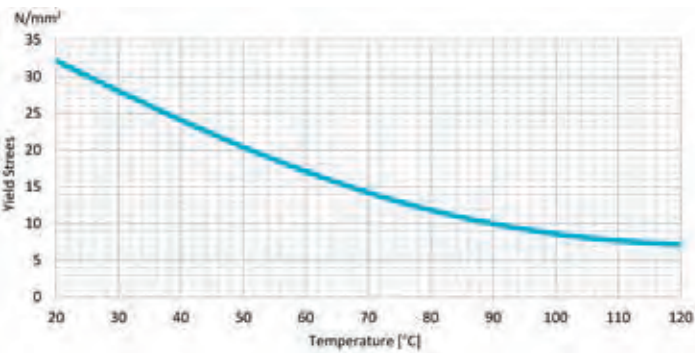
Products in compliance with
the directive 2011/65/EU



PRECAUTIONS

- The products are made in plastic and it's necessary to use teflon coating over the thread for installation in order and to prevent air leakage.
Be sure to prevent excessive torque when screwing the fittings.
- To connect the tube, insert the tube to the end and tight the cap before use.
- Cut the pressed part of the tube before connection to reuse the released tube

YIELD STRESS OF PP AS A FUNCTION OF TEMPERATURE



**RECOMMENDED
TIGHTENING TORQUE**

THREAD SIZE	NM	FT LB
1/8	0,01	0,01
1/4	0,3	0,2
3/8	1	1
1/2	2	2
3/4	5	4
1	8	6

MEASURES BARB

Ø	MM	Ø	MM
Ø6	6,2	Ø1/4	6,2
Ø8	7,2	Ø5/16	7,2
Ø10	9,2	Ø3/8	9,2
Ø12	12	Ø1/2	12



2105

Female connector BSPT thread



CODE	ØD	T	I	L	H1	H2	GR.
2105TR186	6/4	R1/8"	10,0	26,3	14	14	3,0
2105TR146	6/4	R1/4"	11,0	28,0	14	17	3,0
2105TR188	8/5,5	R1/8"	9,5	26,3	14	14	3,0
2105TR148	8/5,5	R1/4"	11,0	28,0	14	17	4,0
2105TR388	8/5,5	R3/8"	11,2	30,5	14	22	5,0
2105TR128	8/5,5	R1/2"	13,5	32,5	14	26	6,0
2105TR1410	10/7	R1/4"	10,0	32,0	17	17	6,0
2105TR3810	10/7	R3/8"	11,0	33,0	17	22	7,0
2105TR1210	10/7	R1/2"	13,8	35,5	17	26	7,0

2110

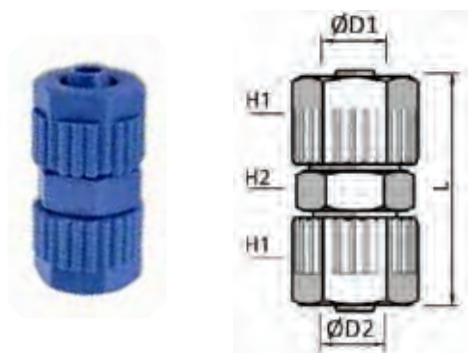
Male connector BSPT thread



CODE	ØD	T	I	L	H1	H2	GR.
2110TR186	6/4	R1/8"	8,0	27,0	14	13	3,0
2110TR146	6/4	R1/4"	10,5	30,0	14	15	3,0
2110TR386	6/4	R3/8"	10,5	27,0	14	18	4,5
2110TR126	6/4	R1/2"	13,0	31,5	14	22	6,0
2110TR346	6/4	R3/4"	9,0	23,0	14	27	8,0
2110TR188	8/5,5	R1/8"	8,0	27,0	14	13	3,0
2110TR148	8/5,5	R1/4"	10,5	30,0	14	15	3,0
2110TR388	8/5,5	R3/8"	10,5	31,5	14	18	4,0
2110TR128	8/5,5	R1/2"	13,0	34,0	14	22	5,0
2110TR348	8/5,5	R3/4"	9,0	27,5	14	27	8,0
2110TR1410	10/7	R1/4"	10,5	36,0	17	17	4,0
2110TR3810	10/7	R3/8"	10,5	36,0	17	17	5,0
2110TR1210	10/7	R1/2"	12,0	39,0	17	22	6,0
2110TR3410	10/7	R3/4"	13,0	40,0	17	27	6,0
2110TR1412	12/9	R1/4"	10,5	34,0	19	14	6,0
2110TR3812	12/9	R3/8"	10,5	36,0	19	18	7,0
2110TR1212	12/9	R1/2"	12,5	37,0	19	22	7,0
2110TR3412	12/9	R3/4"	13,0	34,0	19	27	8,0

2115

Union connector

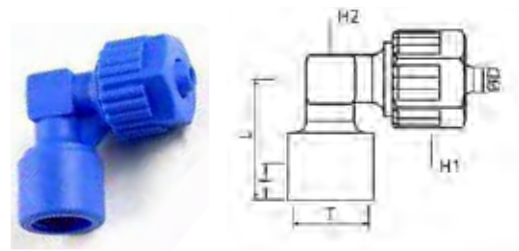


CODE	ØD	L	H1	H2	GR.
2115TR6	6/4	32,5	14	14	4,0
2115TR8	8/5,5	32,5	14	14	4,0
2115TR12	12/9	40,6	19	18	8,0
2115TR86	8/5,5-6/4	32,5	14	14	4,0



2130

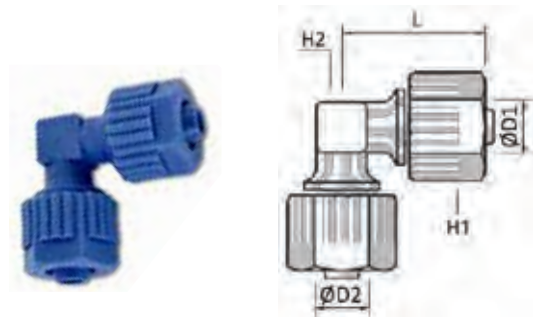
Female elbow BSPT thread



CODE	ØD	T	I	L	H1	H2	GR.
2130TR186	6/4	R1/8"	10,5	19,5	14	9	5,0
2130TR146	6/4	R1/4"	12,3	22,5	14	9	5,0
2130TR148	8/5,5	R1/4"	12,3	22,5	14	9	6,0

2135

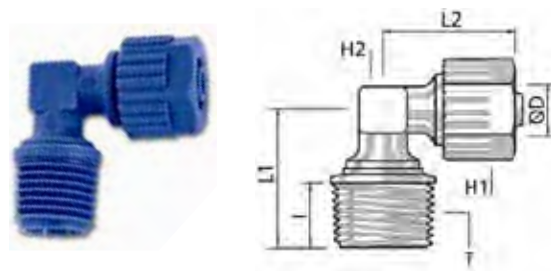
Union elbow



CODE	ØD	L	H1	H2	GR.
2135TR6	6/4	23,3	14	8	4,0
2135TR8	8/5,5	23,5	14	8	4,0
2135TR12	12/9	32,0	19	15	10,0
2135TR86	8/6	23,3	14	8	4,39

2140

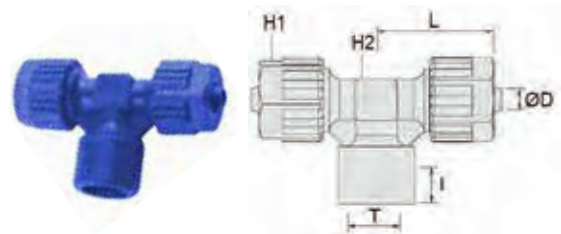
Male elbow BSPT thread



CODE	ØD	T	I	L1	L2	H1	H2	GR.
2140TR186	6/4	R1/8"	8,0	18,5	22,5	14	8	2,0
2140TR146	6/4	R1/4"	10,0	23,0	22,5	14	8	3,0
2140TR188	8/5,5	R1/8"	8,5	18,5	23,0	14	8	3,0
2140TR148	8/5,5	R1/4"	11,0	23,0	23,0	14	8	3,0
2140TR388	8/5,5	R3/8"	11,0	23,5	23,0	14	8	5,0
2140TR1412	12/9	R1/4"	10,0	24,0	33,0	19	15	7,0
2140TR3812	12/9	R3/8"	10,0	24,5	33,0	19	15	6,0
2140TR1212	12/9	R1/2"	13,0	28,5	33,0	19	15	9,0

2150

Female tee BSPT thread

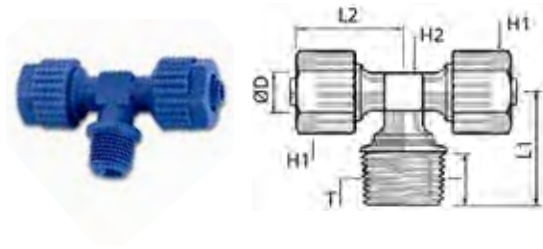


CODE	ØD	T	I	L	H1	H2	GR.
2150TR186	6,2	R1/8"	10,2	23,3	14	8	5,82
2150TR148	7,2	R1/4"	12,5	23,3	14	8	5,82



2155

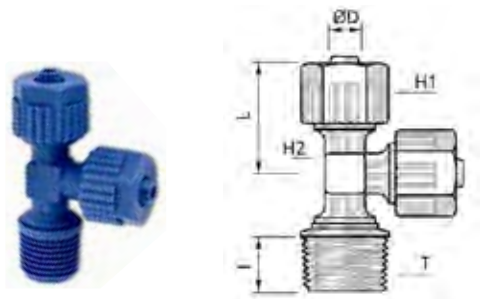
Male tee BSPT thread



CODE	ØD	T	I	L1	L2	H1	H2	GR.
2155TR186	6/4	R1/8"	9,0	19,0	23,3	14	8	6,0
2155TR146	6/4	R1/4"	11,0	21,0	23,3	14	8	6,0
2155TR188	8/5,5	R1/8"	9,0	19,0	23,3	14	8	5,0
2155TR148	8/5,5	R1/4"	11,0	21,0	23,3	14	8	6,0
2155TR388	8/5,5	R3/8"	11,0	21,0	23,3	14	8	7,0
2155TR1412	12/9	R1/4"	11,0	21,0	23,3	14	8	12,0
2155TR3812	12/9	R3/8"	10,7	24,5	33,5	19	15	14,0
2155TR1212	12/9	R1/2"	15,0	28,5	33,0	19	15	15,0

2160

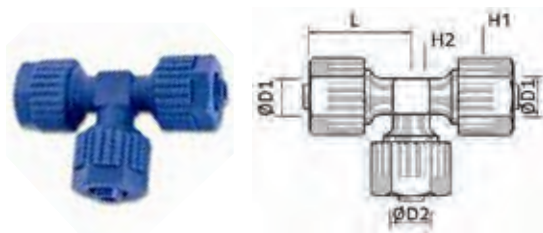
Lateral male tee BSPT thread



CODE	ØD	T	I	L	H1	H2	GR.
2160TR186	6/4	R1/8"	8,5	23,3	14	8	5,0
2160TR146	6/4	R1/4"	11,0	23,3	14	8	5,0
2160TR188	8/5,5	R1/8"	8,5	23,3	14	8	5,0
2160TR148	8/5,5	R1/4"	11,0	23,3	14	8	5,0
2160TR388	8/5,5	R3/8"	10,0	23,3	14	8	7,0
2160TR1412	12/9	R1/4"	10,0	33,0	19	15	12,0
2160TR3812	12/9	R3/8"	11,0	33,0	19	15	14,0
2160TR1212	12/9	R1/2"	15,0	33,0	19	15	15,0

2165

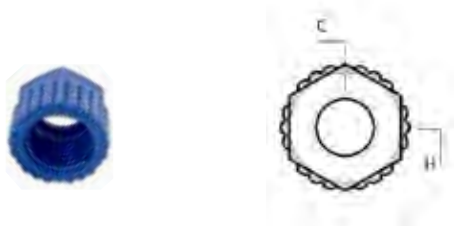
Union tee connector



CODE	ØD	L	H1	H2	GR.
2165TR6	6/4	22,0	14	8	7,0
2165TR8	8/5,5	22,0	14	8	5,0
2165TR12	12/9	32,0	19	14	14,0
2165TR68	6/8	46,8	-	-	6,48
2165TR86	8/6	46,8	-	-	6,41

2230

Locking nut

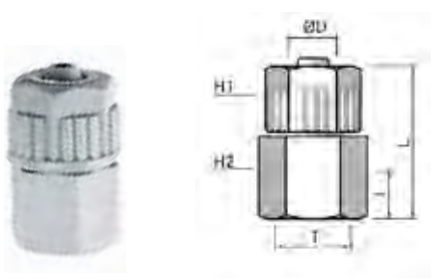


CODE	ØD	ØC	H	GR.
2230TR6	6/4	6,2	14	1,0
2230TR8	8/5,5	8,1	14	2,0
2230TR10	10/7	10,2	17	3,0
2230TR12	12/9	12,8	19	4,0



2105N

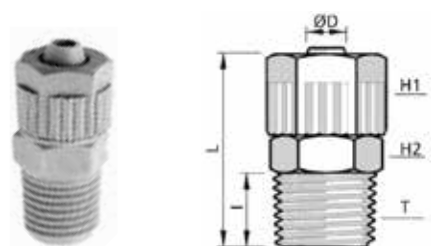
Female connector NPT thread



CODE	T	ØD	I	L	H1	H2	GR.
2105TRN1814	N1/8"	1/4	13,8	35,5	14	14	3,11
2105TRN18516	N1/8"	5/16	13,8	35,5	14	14	3,1
2105TRN14516	N1/4"	5/16	13,8	35,5	14	17	3,85
2105TRN1438	N1/4"	3/8	13,8	35,5	17	17	5,09
2105TRN3838	N3/8"	3/8	-	-	17	22	6,19
2105TRN1238	N1/2"	3/8	-	-	17	26	7,92

2110N

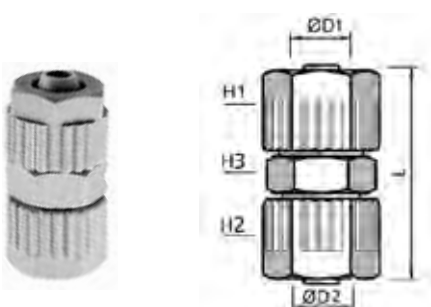
Male connector NPT thread



CODE	T	ØD	I	L	H1	H2	GR.
2110TRN1814	N1/8"	1/4	8,5	29,5	14	13	2,56
2110TRN1414	N1/4"	1/4	13	34	14	15	3,33
2110TRN1214	N1/2"	1/4	18	-	14	22	6,76
2110TRN18516	N1/8"	5/16	8,5	29,3	14	13	2,71
2110TRN14516	N1/4"	5/16	13	34	14	15	3,07
2110TRN38516	N3/8"	5/16	13	35	14	18	4,17
2110TRN1438	N1/4"	3/8	13	37,5	17	15	4,39
2110TRN3838	N3/8"	3/8	13	38,5	17	18	5,55
2110TRN1238	N1/2"	3/8	18	43,5	17	22	7,63
2110TRN3438	N3/4"	3/8	-	-	17	27	10,12
2110TRN1412	N1/4"	1/2	13	39	19	15	5,11
2110TRN3812	N3/8"	1/2	13	40	19	18	6,18
2110TRN1212	N1/2"	1/2	18	45	19	22	8,34

2115N

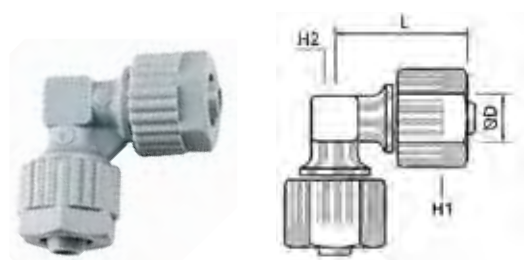
Union connector NPT thread



CODE	ØD1	ØD2	T	L	H1	H2	H3	GR.
2115TRN14	1/4	1/4	R1/4"	32,5	14	14	14	4,14
2115TRN516	5/16	5/16	R5/16"	32,5	14	14	14	4,09
2115TRN12	1/2	1/2	R1/2"	40,6	19	19	18	8,26

2135N

Union elbow connector

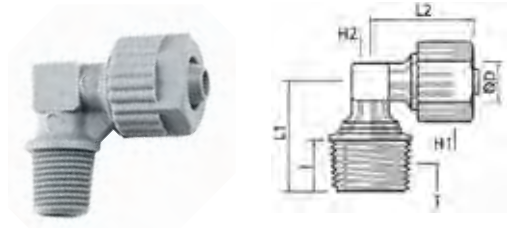


CODE	ØD	L	H1	H2	GR.
2135TRN14	1/4	23,3	14	8	4,48
2135TRN516	5/16	23,5	14	8	4,35



2140N

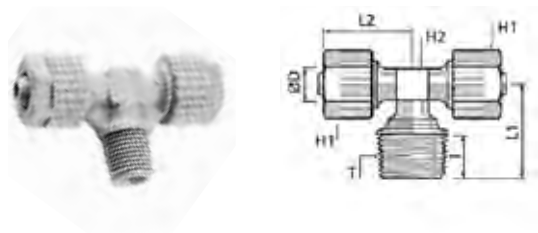
Male elbow NPT thread



CODE	T	ØD	I	L1	L2	H1	H2	GR.
2140TRN1814	N1/8"	1/4	10	19,5	22,5	14	8	3,2
2140TRN1414	N1/4"	1/4	12,5	23,3	22,5	14	8	3,83
2140TRN18516	N1/8"	5/16	12,5	23,5	22,5	14	8	3,13
2140TRN14516	N1/4"	5/16	10	19,5	22,5	14	8	3,81

2155N

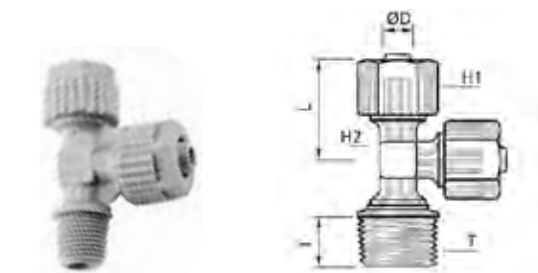
Male tee NPT thread



CODE	T	ØD	I	L1	L2	H1	H2	GR.
2155TRN1814	N1/8"	1/4	10	20,3	23,3	14	8	5,25
2155TRN1414	N1/4"	1/4	12,5	25	23,3	14	8	5,74
2155TRN18516	N1/8"	5/16	10	20,3	23,3	14	8	5,17
2155TRN14516	N1/4"	5/16	12,5	25	23,3	14	8	5,81
2155TRN3812	N3/8"	1/2	14	30,2	67	19	15	13,06
2155TRN1212	N1/2"	1/2	17,5	33	67	19	15	13,79

2160N

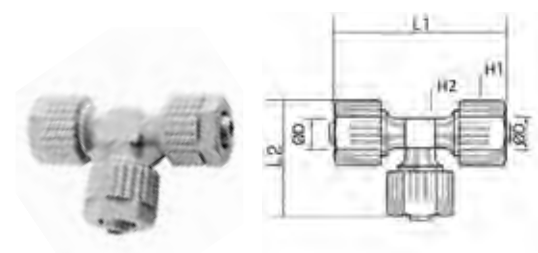
Lateral male tee NPT thread



CODE	T	ØD	I	L	H1	H2	GR.
2160TRN1814	N1/8"	1/4	-	-	14	8	5,28
2160TRN1414	N1/4"	1/4	-	-	14	8	5,88
2160TRN18516	N1/8"	5/16	10	21,9	14	8	5,04
2160TRN14516	N1/4"	5/16	13,3	22,3	14	8	5,62
2160TRN1812	N1/8"	1/2	-	-	14	8	12,42

2165N

Union tee



CODE	ØD	L1	L2	H1	H2	GR.
2165TRN14	1/4	46,7	27,4	14	-	6,52
2165TRN516	5/16	46,7	27,4	14	-	6,29
2165TRN12	1/2	67,0	40,4	19	-	14,84

