BARB CONNECTORS BRASS

PLUS

- SUITABLE FOR COMPRESSED AIR AND FLUIDS
- WIDE RANGE AVAILABLE TO MEET MULTIPLE NEEDS
- DESIGNED TO GUARANTEE A GOOD MECHANICAL RESISTANCE
- USABLE WITH MANY PLASTIC AND RUBBER TUBES
- UTILIZE WITH ZINC-PLATED STEEL CLAMPS TO EFFECTIVELY SECURE THE TUBE



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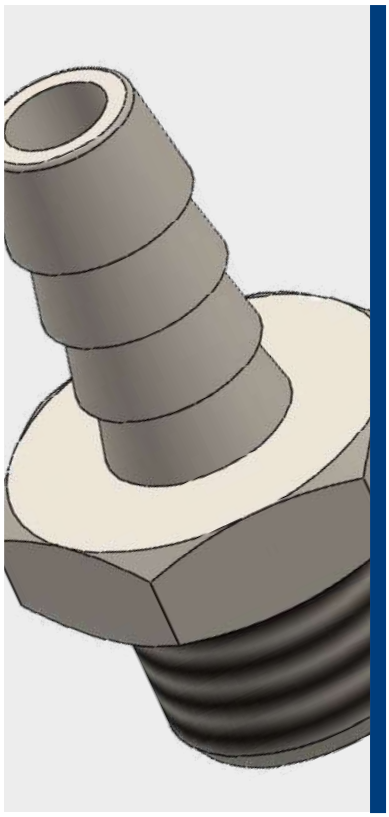
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-20°C ÷ 100°C with NBR o-ring
-15°C ÷ 200°C with Viton o-ring
The working temperature is determined by the properties of the tube used

Working pressure:
18 Bar
60 Bar (max working pressure)
The working pressure is determined by the properties of 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"
- Metric ISO 262 M5

All tubes compatible with the internal diameter, to be used only with suitable clamps

Body: Nickel-plated brass
Turning: UNI EN 12164 CW 614N
Hot forging & machining:
UNI EN 12165 CW 617N
O-ring: NBR 70

AVAILABILITY:
- Available on request and with minimum quantity in yellow brass
- Available on request with Viton o-ring

Products in compliance with EC Regulation 1907/2006

Products in compliance with the directive EU 2015/863

DIAMETER OF TH BARB
BARB CONNECTORS - BRASS

ØD (mm)	Ø4,5	Ø6	Ø7	Ø8	Ø9	Ø10	Ø12	Ø14	Ø17	Ø18	Ø19	Ø21	Ø25	Ø27
ØB (mm)	4,8	6,3	7,3	8,3	9,3	10,3	12,3	14,3	17,3	18,3	19,3	21,3	25,3	27,3



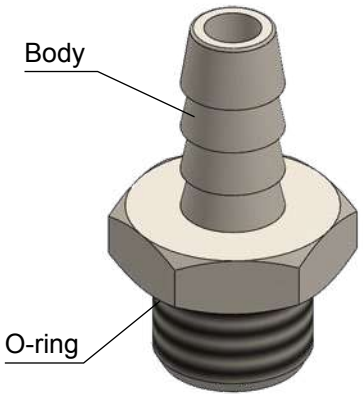
TIGHTENING TORQUE
TAPER GAS BSPT ISO 7

THREAD	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Nm	8	12	14	16	18	20

TIGHTENING TORQUE
PARALLEL GAS BSPP ISO 228 & METRIC ISO 262

THREAD	M5x0,8	1/8"	1/4"	3/8"	1/2"	3/4"
Nm	0,8	5	8	10	12	14

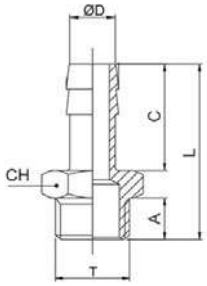
CONSTRUCTION DETAILS



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

1165 Male barb connector BSPP & metric thread

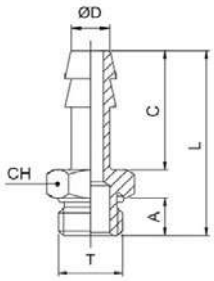




CODE	T	ØD	A	C	L	CH	g
1165TRM545	M5x0,8	4,5	4,0	15,0	22,5	8	6,0
1165TR186	G 1/8"	6	6,0	19,0	29,5	12	8,0
1165TR146	G 1/4"	6	8,0	19,0	32,0	14	12,0
1165TR187	G 1/8"	7	6,0	19,0	29,5	12	8,0
1165TR147	G 1/4"	7	8,0	19,0	32,0	14	14,0
1165TR188	G 1/8"	8	6,0	19,0	29,5	12	8,0
1165TR148	G 1/4"	8	8,0	19,0	32,0	14	14,0
1165TR388	G 3/8"	8	9,0	19,0	33,0	19	22,0
1165TR189	G 1/8"	9	6,0	19,0	29,5	12	10,0
1165TR149	G 1/4"	9	8,0	19,0	32,0	14	14,0
1165TR389	G 3/8"	9	9,0	19,0	33,0	19	22,0
1165TR1810	G 1/8"	10	6,0	20,0	30,5	12	10,0
1165TR1410	G 1/4"	10	8,0	20,0	33,0	14	14,0
1165TR3810	G 3/8"	10	9,0	20,0	34,0	19	23,0
1165TR1412	G 1/4"	12	8,0	20,0	33,0	14	16,0
1165TR3812	G 3/8"	12	9,0	20,0	34,0	19	24,0
1165TR1212	G 1/2"	12	10,0	20,0	35,5	22	32,0
1165TR3814	G 3/8"	14	9,0	22,0	36,0	19	26,0
1165TR1214	G 1/2"	14	10,0	22,0	37,5	22	34,0
1165TR3817	G 3/8"	17	9,0	24,0	38,0	19	30,0
1165TR1217	G 1/2"	17	10,0	24,0	39,5	22	38,0
1165TR3418	G 3/4"	18	11,0	24,0	41,5	30	58,0
1165TR1220	G 1/2"	20	10,0	24,0	39,5	22	40,0
1165TR3420	G 3/4"	20	11,0	24,0	41,5	30	60,0

1167 Male barb connector BSPP & metric thread with O-ring





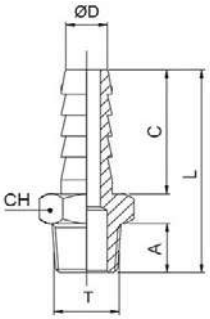
CODE	T	ØD	A	C	L	CH	g
1167TRM545	M5x0,8	4,5	4,5	15,0	23,0	8	6,0
1167TR186	G 1/8"	6	6,5	19,0	30,0	14	10,0
1167TR146	G 1/4"	6	8,0	19,0	32,0	17	16,0
1167TR386	G 3/8"	6	9,0	19,0	33,0	20	-
1167TR187	G 1/8"	7	6,5	19,0	30,0	14	10,0
1167TR147	G 1/4"	7	8,0	19,0	32,0	17	16,0
1167TR188	G 1/8"	8	6,5	19,0	30,0	14	12,0
1167TR148	G 1/4"	8	8,0	19,0	32,0	17	17,0
1167TR388	G 3/8"	8	9,0	19,0	33,0	20	-
1167TR189	G 1/8"	9	6,5	19,0	30,0	14	14,0
1167TR149	G 1/4"	9	8,0	19,0	32,0	17	16,0
1167TR389	G 3/8"	9	9,0	19,0	33,0	20	22,0
1167TR1810	G 1/8"	10	6,5	19,0	30,0	14	-
1167TR1410	G 1/4"	10	8,0	19,0	32,0	17	-
1167TR1412	G 1/4"	12	8,0	20,0	33,0	17	18,0
1167TR3812	G 3/8"	12	9,0	20,0	34,0	20	24,0
1167TR1212	G 1/2"	12	10,0	20,0	35,5	24	35,0
1167TR3817	G 3/8"	17	9,0	24,0	38,0	20	30,0
1167TR1217	G 1/2"	17	10,0	24,0	39,5	24	42,0

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

1169

Male barb connector BSPT thread





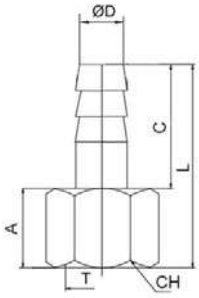
CODE	T	ØD	A	C	L	CH	g
1169TR186	R 1/8"	6	8,0	19,0	31,5	12	8,0
1169TR146	R 1/4"	6	11,0	19,0	35,0	14	14,0
1169TR187	R 1/8"	7	8,0	19,0	31,5	12	10,0
1169TR147	R 1/4"	7	11,0	19,0	35,0	14	14,0
1169TR188	R 1/8"	8	8,0	19,0	31,5	12	10,0
1169TR148	R 1/4"	8	11,0	19,0	35,0	14	14,0
1169TR189	R 1/8"	9	8,0	19,0	31,5	12	12,0
1169TR149	R 1/4"	9	11,0	19,0	35,0	14	16,0
1169TR389	R 3/8"	9	11,5	19,0	35,5	17	20,0
1169TR129	R 1/2"	9	14,0	19,0	38,5	22	32,0
1169TR1810	R 1/8"	10	8,0	20,0	32,5	12	10,0
1169TR1410	R 1/4"	10	11,0	20,0	36,0	14	16,0
1169TR3810	R 3/8"	10	11,5	20,0	36,5	17	22,0
1169TR1210	R 1/2"	10	14,0	20,0	39,5	22	32,0
1169TR1412	R 1/4"	12	11,0	20,0	36,0	14	16,0
1169TR3812	R 3/8"	12	11,5	20,0	36,5	17	22,0
1169TR1212	R 1/2"	12	14,0	20,0	39,5	22	34,0
1169TR3814	R 3/8"	14	11,5	22,0	38,5	17	24,0
1169TR1214	R 1/2"	14	14,0	22,0	41,5	22	36,0
1169TR3816	R 3/8"	16	11,5	22,0	38,5	17	26,0
1169TR1216	R 1/2"	16	14,0	22,0	41,5	22	36,0
1169TR3416	R 3/4"	16	16,5	22,0	45,0	27	58,0
1169TR3817	R 3/8"	17	11,5	24,0	40,5	18	30,0
1169TR1217	R 1/2"	17	14,0	24,0	43,5	22	40,0
1169TR3818	R 3/8"	18	11,5	24,0	40,5	19	34,0
1169TR1218	R 1/2"	18	14,0	24,0	43,5	22	44,0
1169TR3418	R 3/4"	18	16,5	24,0	47,0	27	62,0
1169TR3820	R 3/8"	20	11,5	24,0	41,0	22	40,0
1169TR1220	R 1/2"	20	14,0	24,0	43,5	22	42,0
1169TR3420	R 3/4"	20	16,5	24,0	46,5	27	60,0
1169TR1221	R 1/2"	21	14,0	34,0	53,5	22	-
1169TR3421	R 3/4"	21	16,5	34,0	56,5	27	-
1169TR121	R 1"	21	19,0	34,0	60,0	34	-
1169TR3425	R 3/4"	25	16,5	30,0	53,0	27	76,0
1169TR125	R 1"	25	19,0	30,0	56,0	34	114,0
1169TR3427	R 3/4"	27	16,5	38,0	60,5	32	-
1169TR127	R 1"	27	19,0	38,0	64,0	34	-

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

1170

Female barb connector BSPP thread



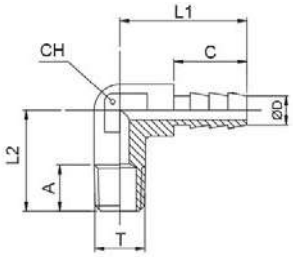


CODE	T	ØD	A	C	L	CH	g
1170TR186	G 1/8"	6	8,0	19,0	28,5	12	7,5
1170TR146	G 1/4"	6	11,0	19,0	31,5	15	-
1170TR187	G 1/8"	7	8,0	19,0	28,5	12	9,0
1170TR147	G 1/4"	7	11,0	19,0	31,5	15	21,0
1170TR188	G 1/8"	8	8,0	19,0	28,5	12	8,0
1170TR148	G 1/4"	8	11,0	19,0	31,5	15	19,0
1170TR189	G 1/8"	9	8,0	19,0	28,5	12	9,0
1170TR149	G 1/4"	9	11,0	19,0	31,5	15	20,0
1170TR389	G 3/8"	9	11,5	19,0	32,0	19	-
1170TR1810	G 1/8"	10	8,0	20,0	29,5	12	-
1170TR1410	G 1/4"	10	11,0	20,0	32,5	15	12,5
1170TR3810	G 3/8"	10	11,5	20,0	33,0	19	17,0
1170TR1210	G 1/2"	10	14,0	20,0	36,0	24	-
1170TR1412	G 1/4"	12	11,0	20,0	32,5	15	22,0
1170TR3812	G 3/8"	12	11,5	20,0	33,0	19	18,0
1170TR1212	G 1/2"	12	14,0	20,0	36,0	24	33,0
1170TR3814	G 3/8"	14	11,5	22,0	35,0	19	-
1170TR1214	G 1/2"	14	14,0	22,0	38,0	24	35,5
1170TR3816	G 3/8"	16	11,5	22,0	35,0	19	-
1170TR1216	G 1/2"	16	14,0	22,0	38,0	24	-
1170TR3817	G 3/8"	17	11,5	24,0	37,0	19	-
1170TR1217	G 1/2"	17	14,0	24,0	40,0	24	-
1170TR1218	G 1/2"	18	14,0	24,0	40,0	24	-
1170TR3418	G 3/4"	18	15,0	24,0	41,5	29	-
1170TR3420	G 3/4"	20	15,0	24,0	41,5	29	-
1170TR3425	G 3/4"	25	15,0	30,0	47,5	29	-

1171

Male elbow barb connector BSPT thread



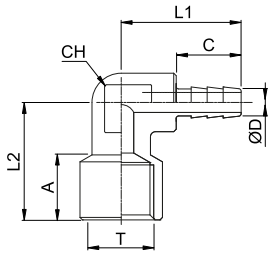


CODE	T	ØD	A	C	L1	L2	CH	g
1171TR186185	R 1/8"	6	8,0	14,0	22,5	18,5	8	10,0
1171TR18623	R 1/8"	6	10,0	14,0	22,5	23,0	8	12,0
1171TR14623	R 1/4"	6	11,0	14,0	23,0	23,0	9	16,0
1171TR187185	R 1/8"	7	8,0	14,0	22,5	18,5	8	10,0
1171TR18723	R 1/8"	7	10,0	14,0	22,5	23,0	8	10,0
1171TR14723	R 1/4"	7	11,0	14,0	23,0	23,0	9	16,0
1171TR18819	R 1/8"	8	10,0	14,0	22,5	19,0	10	-

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

1174 Female elbow barb connector BSPP thread

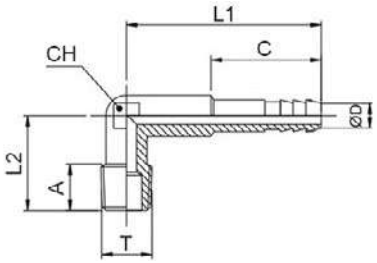




CODE	T	ØD	A	C	L1	L2	CH	g
1174TR186	G 1/8"	6	8,0	13,0	22,0	22,0	9	-
1174TR146	G 1/4"	6	11,0	13,0	24,0	23,5	13	-
1174TR187	G 1/8"	7	8,0	13,0	24,0	22,0	9	-
1174TR147	G 1/4"	7	11,0	13,0	24,0	23,5	13	-

1172 Long series elbow barb connector BSPT thread

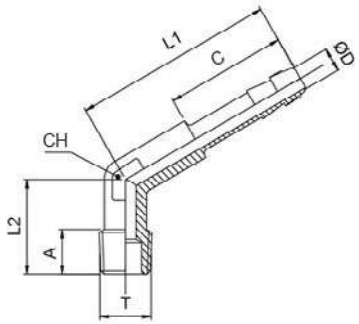




CODE	T	ØD	A	C	L1	L2	CH	g
1172TR186325	R 1/8"	6	10,0	14,0	32,5	22,0	9	18,0
1172TR18638	R 1/8"	6	8,0	22,0	38,0	18,5	8	14,0
1172TR146325	R 1/4"	6	11,0	14,0	32,5	23,0	9	20,0
1172TR187325	R 1/8"	7	11,0	14,0	32,5	22,0	9	16,0
1172TR18738	R 1/8"	7	8,0	22,0	38,0	18,5	8	14,0
1172TR147325	R 1/4"	7	11,0	14,0	32,5	23,0	9	20,0

1173 Long serie elbow 120° barb connector BSPT thread





CODE	T	ØD	A	C	L1	L2	CH	g
1173TR186	R 1/8"	6	8,0	23,0	38,0	18,5	8	14,0
1173TR187	R 1/8"	7	8,0	23,0	38,0	18,5	8	12,0

