



Características

Las conexiones instantáneas permiten realizar una conexión o desconexión a mano y sin herramientas. Aptas para cualquier instalación neumática, son aplicables en todo tipo de industria.

Las condiciones técnicas de utilización dependen básicamente de la calidad y el diámetro del tubo utilizado, de la temperatura ambiente y la del fluido conducido, así como de la calidad de los materiales que componen el conector.

Prestaciones

-Paso total: la sujeción del tubo se hace por su exterior, sin ninguna restricción en la sección de paso.

- Estanqueidad automática: gracias a la junta tórica del interior del conector.
- Gran facilidad de conexión gracias a la optimización de la técnica de pinzado.
- Instalación inmediata gracias a la junta tórica alojada en una ranura, sin riesgo de desplazamiento en el apriete (modelos con rosca G).
- Conexión y desconexión inmediatas, a mano y sin herramientas.
- Tamaño optimizado y formas exteriores rediseñadas, para lograr el máximo de ergonomía y estética en las instalaciones.
- Uso con diferentes tipos de tubos: poliamida - poliuretano flexible (ver página 8.1.8.1).
- Pueden roscarse y desenroscarse un ilimitado número de veces, por tener rosca cilíndrica y estanqueidad por asiento plano (modelos con rosca G), o por capa de PTFE sellante (modelos con rosca R).

MiCRO ofrece 3 series de conectores:

Rosca cilíndrica G (BSPP). Presión de trabajo máx.: 10bar, serie 441

Rosca cónica R (BSPT). Presión de trabajo máx.: 10bar, serie 451

Rosca cilíndrica G (BSPP). Compactos. Presión de trabajo máx.: 20bar, serie 431

Fluido.....	Aire comprimido - Agua				
Presión de trabajo	0...10 bar (0...145 psi)				
Presión máxima adm.....	15 bar (217 psi)				
Temperatura (utilización)	-20...80 °C (-4...176 °F)				
Resistencia al vacío.....	- 1 bar (-14,5 psi)				
Roscas de conexión	Cilíndrica (G)				
Torque (kgf.cm).....	M5	1/8"	1/4"	3/8"	1/2"
	1,7Nm	8 Nm	13 Nm	23 Nm	29Nm
Materiales.....	Cuerpo de latón niquelado y resina PBT, arandela de retención de acero inoxidable, juntas de NBR				



Códigos en **Negrita**: entrega inmediata, salvo ventas.

Conector recto rosca G



ØR	ØD	x1	x10	x50	x100
M 3	4	0.451.010.409	0.451.010.409/010	0.451.010.409/050	0.451.010.409/100
M 5	4	0.451.010.419	0.451.010.419/010	0.451.010.419/050	0.451.010.419/100
M 5	6	0.451.010.619	0.451.010.619/010	0.451.010.619/050	0.451.010.619/100
G 1/8"	4	0.441.010.410	0.441.010.410/010	0.441.010.410/050	0.441.010.410/100
G 1/8"	6	0.441.010.610	0.441.010.610/010	0.441.010.610/050	0.441.010.610/100
G 1/8"	8	0.441.010.810	0.441.010.810/010	0.441.010.810/050	0.441.010.810/100
G 1/8"	10	0.441.011.010	0.441.011.010/010	0.441.011.010/050	0.441.011.010/100
G 1/4"	4	0.441.010.413	0.441.010.413/010	0.441.010.413/050	0.441.010.413/100
G 1/4"	6	0.441.010.613	0.441.010.613/010	0.441.010.613/050	0.441.010.613/100
G 1/4"	8	0.441.010.813	0.441.010.813/010	0.441.010.813/050	0.441.010.813/100
G 1/4"	10	0.441.011.013	0.441.011.013/010	0.441.011.013/050	0.441.011.013/100
G 1/4"	12	0.441.011.213	0.441.011.213/010	0.441.011.213/050	0.441.011.213/100
G 3/8"	8	0.441.010.817	0.441.010.817/010	0.441.010.817/050	0.441.010.817/100
G 3/8"	10	0.441.011.017	0.441.011.017/010	0.441.011.017/050	0.441.011.017/100
G 3/8"	12	0.441.011.217	0.441.011.217/010	0.441.011.217/050	0.441.011.217/100
G 1/2"	12	0.441.011.221	0.441.011.221/010	0.441.011.221/050	0.441.011.221/100
G 1/2"	14	0.441.011.421	0.441.011.421/010	0.441.011.421/050	0.441.011.421/100
G 1/2"	16	0.441.011.621	0.441.011.621/010	0.441.011.621/050	0.441.011.621/100

Conector orientable a 90° rosca G



ØR	ØD	x1	x10	x50	x100
M 3	4	0.451.990.409	0.451.990.409/010	0.451.990.409/050	0.451.990.409/100
M 5	4	0.451.990.419	0.451.990.419/010	0.451.990.419/050	0.451.990.419/100
M 5	6	0.451.990.619	0.451.990.619/010	0.451.990.619/050	0.451.990.619/100
G 1/8"	4	0.441.990.410	0.441.990.410/010	0.441.990.410/050	0.441.990.410/100
G 1/8"	6	0.441.990.610	0.441.990.610/010	0.441.990.610/050	0.441.990.610/100
G 1/8"	8	0.441.990.810	0.441.990.810/010	0.441.990.810/050	0.441.990.810/100
G 1/4"	4	0.441.990.413	0.441.990.413/010	0.441.990.413/050	0.441.990.413/100
G 1/4"	6	0.441.990.613	0.441.990.613/010	0.441.990.613/050	0.441.990.613/100
G 1/4"	8	0.441.990.813	0.441.990.813/010	0.441.990.813/050	0.441.990.813/100
G 1/4"	10	0.441.991.013	0.441.991.013/010	0.441.991.013/050	0.441.991.013/100
G 3/8"	8	0.441.990.817	0.441.990.817/010	0.441.990.817/050	0.441.990.817/100
G 3/8"	10	0.441.991.017	0.441.991.017/010	0.441.991.017/050	0.441.991.017/100
G 3/8"	12	0.441.991.217	0.441.991.217/010	0.441.991.217/050	0.441.991.217/100
G 1/2"	12	0.441.991.221	0.441.991.221/010	0.441.991.221/050	0.441.991.221/100
G 1/2"	14	0.441.991.421	0.441.991.421/010	0.441.991.421/050	0.441.991.421/100
G 1/2"	16	0.441.991.621	0.441.991.621/010	0.441.991.621/050	0.441.991.621/100

Conector T orientable rosca G



ØR	ØD	x1	x10	x50	x100
M 5	4	0.451.980.419	0.451.980.419/010	0.451.980.419/050	0.451.980.419/100
M 5	6	0.451.980.619	0.451.980.619/010	0.451.980.619/050	0.451.980.619/100
G 1/8"	4	0.441.980.410	0.441.980.410/010	0.441.980.410/050	0.441.980.410/100
G 1/8"	6	0.441.980.610	0.441.980.610/010	0.441.980.610/050	0.441.980.610/100
G 1/8"	8	0.441.980.810	0.441.980.810/010	0.441.980.810/050	0.441.980.810/100
G 1/4"	4	0.441.980.413	0.441.980.413/010	0.441.980.413/050	0.441.980.413/100
G 1/4"	6	0.441.980.613	0.441.980.613/010	0.441.980.613/050	0.441.980.613/100
G 1/4"	8	0.441.980.813	0.441.980.813/010	0.441.980.813/050	0.441.980.813/100
G 1/4"	10	0.441.981.013	0.441.981.013/010	0.441.981.013/050	0.441.981.013/100
G 3/8"	8	0.441.980.817	0.441.980.817/010	0.441.980.817/050	0.441.980.817/100
G 3/8"	10	0.441.981.017	0.441.981.017/010	0.441.981.017/050	0.441.981.017/100
G 3/8"	12	0.441.981.217	0.441.981.217/010	0.441.981.217/050	0.441.981.217/100
G 1/2"	12	0.441.981.221	0.441.981.221/010	0.441.981.221/050	0.441.981.221/100
G 1/2"	14	0.441.981.421	0.441.981.421/010	0.441.981.421/050	0.441.981.421/100
G 1/2"	16	0.441.981.621	0.441.981.621/010	0.441.981.621/050	0.441.981.621/100

Unión doble hembra



ØD	x1	x10	x50	x100
4	0.451.060.400	0.451.060.400/010	0.451.060.400/050	0.451.060.400/100
6	0.451.060.600	0.451.060.600/010	0.451.060.600/050	0.451.060.600/100
8	0.451.060.800	0.451.060.800/010	0.451.060.800/050	0.451.060.800/100
10	0.451.061.000	0.451.061.000/010	0.451.061.000/050	0.451.061.000/100
12	0.451.061.200	0.451.061.200/010	0.451.061.200/050	0.451.061.200/100
14	0.451.061.400	0.451.061.400/010	0.451.061.400/050	0.451.061.400/100
16	0.451.061.600	0.451.061.600/010	0.451.061.600/050	0.451.061.600/100

Codo igual



ØD	x1	x10	x50	x100
4	0.451.020.400	0.451.020.400/010	0.451.020.400/050	0.451.020.400/100
6	0.451.020.600	0.451.020.600/010	0.451.020.600/050	0.451.020.600/100
8	0.451.020.800	0.451.020.800/010	0.451.020.800/050	0.451.020.800/100
10	0.451.021.000	0.451.021.000/010	0.451.021.000/050	0.451.021.000/100
12	0.451.021.200	0.451.021.200/010	0.451.021.200/050	0.451.021.200/100
14	0.451.021.400	0.451.021.400/010	0.451.021.400/050	0.451.021.400/100
16	0.451.021.600	0.451.021.600/010	0.451.021.600/050	0.451.021.600/100

Códigos en **Negrita**: entrega inmediata, salvo ventas.

Conector T igual



ØD	x1	x10	x50	x100
4	0.451.040.400	0.451.040.400/010	0.451.040.400/050	0.451.040.400/100
6	0.451.040.600	0.451.040.600/010	0.451.040.600/050	0.451.040.600/100
8	0.451.040.800	0.451.040.800/010	0.451.040.800/050	0.451.040.800/100
10	0.451.041.000	0.451.041.000/010	0.451.041.000/050	0.451.041.000/100
12	0.451.041.200	0.451.041.200/010	0.451.041.200/050	0.451.041.200/100
14	0.451.041.400	0.451.041.400/010	0.451.041.400/050	0.451.041.400/100
16	0.451.041.600	0.451.041.600/010	0.451.041.600/050	0.451.041.600/100

Reductor para tubo



ØD ₁	ØD ₂	x1	x10
4	6	0.451.660.406	0.451.660.406/010
4	8	0.451.660.408	0.451.660.408/010
6	8	0.451.660.608	0.451.660.608/010
6	10	0.451.660.610	0.451.660.610/010
6	12	0.451.660.612	0.451.660.612/010
8	10	0.451.660.810	0.451.660.810/010
8	12	0.451.660.812	0.451.660.812/010
10	12	0.451.661.012	0.451.661.012/010

Conector orientable a 45° rosca G



ØR	ØD	x1	x10
G 1/8"	4	0.441.330.410	0.441.330.410/010
G 1/8"	6	0.441.330.610	0.441.330.610/010
G 1/8"	8	0.441.330.810	0.441.330.810/010
G 1/4"	6	0.441.330.613	0.441.330.613/010
G 1/4"	8	0.441.330.813	0.441.330.813/010
G 1/4"	10	0.441.331.013	0.441.331.013/010
G 3/8"	10	0.441.331.017	0.441.331.017/010
G 3/8"	12	0.441.331.217	0.441.331.217/010
G 1/2"	12	0.441.331.221	0.441.331.221/010

Codo hembra universal rosca G



Tienen una rosca hembra en la parte superior igual a la rosca macho inferior.

ØR	ØD	x1	x10
G 1/8"	4	0.441.240.410	0.441.240.410/010
G 1/8"	6	0.441.240.610	0.441.240.610/010
G 1/4"	6	0.441.240.613	0.441.240.613/010
G 1/4"	8	0.441.240.813	0.441.240.813/010
G 3/8"	8	0.441.240.817	0.441.240.817/010
G 3/8"	10	0.441.241.017	0.441.241.017/010
G 1/2"	10	0.441.241.021	0.441.241.021/010
G 1/2"	12	0.441.241.221	0.441.241.221/010

Conector cruz igual



ØD	x1	x10
4	0.451.070.400	0.451.070.400/010
6	0.451.070.600	0.451.070.600/010
8	0.451.070.800	0.451.070.800/010

Códigos en **Negrita**: entrega inmediata, salvo ventas.



Cupla doble macho



ØD	x1	x10
4	0.451.200.400	0.451.200.400/010
6	0.451.200.600	0.451.200.600/010
8	0.451.200.800	0.451.200.800/010
10	0.451.201.000	0.451.201.000/010
12	0.451.201.200	0.451.201.200/010

Pasachapa



ØD	M	x1	x10
4	M12	0.451.160.400	0.451.160.400/010
6	M14	0.451.160.600	0.451.160.600/010
8	M16	0.451.160.800	0.451.160.800/010
10	M20	0.451.161.000	0.451.161.000/010
12	M22	0.451.161.200	0.451.161.200/010

Conector Y (3 bocas hembra)



ØD1 (1x)	ØD2 (2x)	x1	x10
4	4	0.451.400.400	0.451.400.400/010
6	6	0.451.400.600	0.451.400.600/010
8	6	0.451.400.608	0.451.400.608/010
8	8	0.451.400.800	0.451.400.800/010
10	10	0.451.401.000	0.451.401.000/010

Conector Y (2 bocas hembra, 1 macho)



ØD1 (1x)	ØD2 (2x)	x1	x10
4	4	0.451.420.400	0.451.420.400/010
6	4	0.451.420.406	0.451.420.406/010

Conector multi-T



ØD1 (2x)	ØD2 (3x)	x1	x10
6	4	0.453.040.604	0.453.040.604/010
8	4	0.453.040.804	0.453.040.804/010
8	6	0.453.040.806	0.453.040.806/010
10	6	0.453.041.006	0.453.041.006/010
10	8	0.453.041.008	0.453.041.008/010

Tapón enchufable



ØD	x1	x10
4	0.451.260.400	0.451.260.400/010
6	0.451.260.600	0.451.260.600/010
8	0.451.260.800	0.451.260.800/010
10	0.451.261.000	0.451.261.000/010
12	0.451.261.200	0.451.261.200/010
16	0.451.261.600	0.451.261.600/010

Códigos en **Negrita**: entrega inmediata, salvo ventas.