

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**
14	0.451.261.400	0.451.261.400/010
16	0.451.261.600	0.451.261.600/010

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