

RACORES AUTOMÁTICOS

DATOS TÉCNICOS	MÉTRICA o G (BSP) *	UNF o NPT **
Conexión roscadas	Métrica: M3 - M5 - M7 - M12x1.5 G (BSP): 1/8 - 1/4 - 3/8 - 1/2 3 - 3.17 - 4 - 5 - 6 - 8 - 10 - 12 - 14	UNF: 10-32 NPT: 1/8 - 1/4 - 3/8 - 1/2 1/8 - 5/32 - 1/4 - 5/16 - 3/8 - 1/2
Diámetro		
Rango de temperatura racores en latón	- 20 ÷ + 80°C / - 4 ÷ 176 °F	
Rango de temperatura racores en tecnopolimero	- 20 ÷ + 60°C / - 4 ÷ 140°F	
Rango de presión racores en latón	- 0.99 bar ÷ 16 bar / - 0.099 MPa ÷ 1.6 MPa	
Rango de presión racores en tecnopolimero	- 0.99 bar ÷ 12 bar / - 0.099 MPa ÷ 1.2 MPa	
Tubería aconsejada	Rilsan PA 11 - Nylon 6 - Poliamida 12 - Polipropileno	
Fluido	Vacío - Aire comprimido	

* Roscas cilíndricas métricas según ISO 262

Roscas cilíndricas de acuerdo con ISO 228-1, identificadas con una letra G. También corresponden a BSP o más precisamente a la designación BSPP (P se refiere a Paralelo).
Roscas cónicas de acuerdo con ISO 7-1, identificadas con una letra G. También corresponden a BSP o más precisamente a la designación BSPT (T se refiere a Tapered).

** Roscas cilíndricas UNF, según ANSI B 1.1

Roscas cónicas NPT. Las roscas hembra son de acuerdo con ANSI B 1-20, las roscas macho son una solución específicamente diseñada por Metal Work que es compatible con roscas ANSI B 1-20

RACORES AUTOMÁTICOS DE LATÓN PARA TUBOS DE mm Y ROSCA G (BSP) o MÉTRICA

RECTO CILÍNDRICO MACHO (R1)



Código	Ref.	Ø	ROSCA	Cantidad
2001B01	R1	3	M3	50
2001B02	R1	3	M5	50
2001A01	R1	3.17	M3	25
2001A02	R1	3.17	M5	25
2L01001	RL1	4	M5	50
2L01020	RL1	4	M7	50
2L01002	RL1	4	1/8	50
2L01003	RL1	4	1/4	50
2001004	R1	5	M5	50
2001005	R1	5	1/8	50
2001006	R1	5	1/4	50
2L01000	RL1	6	M5	50
2L01021	RL1	6	M7	50
2L01101	RL1	6	M12x1.5	50
2L01007	RL1	6	1/8	50
2L01008	RL1	6	1/4	50
2L01102	RL1	8	M12x1.5	50
2L01009	RL1	8	1/8	50
2L01010	RL1	8	1/4	50
2L01011	RL1	8	3/8	50
2L01012	RL1	10	1/4	50
2L01013	RL1	10	3/8	50
2L01018	RL1	10	1/2	25
2001019	RL1	12	1/4	25
2001014	RL1	12	3/8	25
2001015	RL1	12	1/2	25
2001016	RL1	14	3/8	25
2001017	RL1	14	1/2	25

RECTO HEMBRA (R2)



Código	Ref.	Ø	ROSCA	Cantidad
2002B02	R2	3	M5	50
2002A02	R2	3.17	M5	50
2L02001	RL2	4	1/8	50
2L02002	RL2	4	1/4	50
2002003	R2	5	1/8	50
2002004	R2	5	1/4	50
2L02005	RL2	6	1/8	50
2L02006	RL2	6	1/4	50
2L02007	RL2	8	1/8	50
2L02008	RL2	8	1/4	50
2L02009	RL2	10	1/4	50
2L02010	RL2	10	3/8	50
2L02011	RL2	12	3/8	25
2L02012	RL2	12	1/2	25

L INTERMEDIO (R4)



Código	Ref.	Ø	Cantidad
2004A02	R4	3	50
2004A01	R4	3.17	50
2L04001	RL4	4	50
2004002	R4	5	50
2L04003	RL4	6	50
2L04004	RL4	8	50
2L04005	RL4	10	50
2004006	RL4	12	25
2004007	RL4	14	20

ADAPTADOR ROSCADO (R6)



Código	Ref.	Ø	ROSCA	Cantidad
2006A02	R6	3	M5	100
2006A01	R6	3.17	M5	25
2006001	R6	4	M5	50
2006020	R6	4	M7	50
2006002	R6	4	1/8	50
2006003	R6	4	1/4	50
2006004	R6	5	M5	50
2006005	R6	5	1/8	50
2006006	R6	5	1/4	50
2006000	R6	6	M5	50
2006021	R6	6	M7	50
2006007	R6	6	1/8	50
2006008	R6	6	1/4	50
2006009	R6	8	1/8	50
2006010	R6	8	1/4	50
2006011	R6	8	3/8	50
2006012	R6	10	1/4	50
2006013	R6	10	3/8	50
2006022	R6	10	1/2	25
2006019	R6	12	1/4	25
2006014	R6	12	3/8	25
2006015	R6	12	1/2	25
2006016	R6	14	3/8	25
2006017	R6	14	1/2	25
2006101	R6	6	M12x1.5	50
2006102	R6	8	M12x1.5	50

RECTO CÓNICO MACHO (R1C)



Código	Ref.	Ø	ROSCA	Cantidad
2L01C02	RL1C	4	1/8	50
2L01C07	RL1C	6	1/8	50
2L01C08	RL1C	6	1/4	50
2001Z07	RL1Z	6	12x1 cónico	50
2001Z08	RL1Z	6	12x1.25 cónico	50
2L01C09	RL1C	8	1/8	50
2L01C10	RL1C	8	1/4	50
2L01C11	RL1C	8	3/8	50
2L01C13	RL1C	10	1/4	50
2L01C14	RL1C	10	3/8	50
2001C15	RL1C	12	3/8	25
2001C16	RL1C	12	1/2	25

RECTO INTERMEDIO (R3)



Código	Ref.	Ø 1	Ø 2	Cantidad
2003A02	R3	3	3	50
2003A01	R3	3.17	3.17	50
2L03001	RL3	4	4	50
2003002	R3	5	5	50
2L03003	RL3	6	6	50
2L03004	RL3	8	8	50
2L03005	RL3	10	10	50
2003006	RL3	12	12	25
2003007	RL3	14	14	25
2L03301	RL3	4	6	50
2L03302	RL3	4	8	50
2L03303	RL3	6	8	50
2L03304	RL3	6	10	50
2L03306	RL3	6	12	50
2L03305	RL3	8	10	25
2L03307	RL3	8	12	25
2L03308	RL3	10	12	25

T INTERMEDIO (R5)



Código	Ref.	Ø	Cantidad
2005A02	R5	3	50
2005A01	R5	3.17	50
2L05001	RL5	4	50
2005002	R5	5	50
2L05003	RL5	6	50
2L05004	RL5	8	50
2L05005	RL5	10	20
2005006	RL5	12	20
2005007	RL5	14	10

ADAPTADOR ROSCADO PROLONGADO (R18)



Código	Ref.	Ø	ROSCA	Cantidad
2018002	R18	4	1/8	50
2018007	R18	6	1/8	50
2018008	R18	6	1/4	50
2018009	R18	8	1/8	50
2018010	R18	8	1/4	50
2018011	R18	8	3/8	25
2018012	R18	10	1/4	50
2018013	R18	10	3/8	25

PROLONGACIÓN (R7)


Código	Ref.	Ø	Cantidad
2007001	R7	4	100
2007002	R7	5	50
2007003	R7	6	50
2107004	RL7	8	50
2007005	R7	10	25
2007006	R7	12	20
2007007	R7	14	50

RECTO INTERMEDIO PASAMURO (R10)


Código	Ref.	Ø 1	Ø 2	ROSCA	Cantidad
2011A02	R10	3	3	M8x0.75	50
2011A01	R10	3.17	3.17	M8x0.75	50
2111001	RL10	4	4	M11x1	50
2011002	R10	5	5	M14x1	50
2111003	RL10	6	6	M13x1	50
2111004	RL10	8	8	M15x1	50
2111005	RL10	10	10	M17x1	25
2011006	RL10	12	12	M20x1	25
2011007	RL10	14	14	M24x1	25

2111301	RL10	4	6	M13x1	50
2111302	RL10	4	8	M15x1	50
2111303	RL10	6	8	M15x1	50
2111304	RL10	6	10	M17x1	50
2111306	RL10	6	12	M20x1	25
2111305	RL10	8	10	M17x1	25
2111307	RL10	8	12	M20x1	25
2111308	RL10	10	12	M20x1	25

RACOR MACHO BANJO SIMPLE GIRATORIO (R15)


Código	Ref.	Ø	ROSCA	Cantidad
2014101	R15	3	M3	100
2014102	R15	3.17	M3	25
2014103	R15	3	M5	25
2014104	R15	3.17	M5	25
2114001	RL15	4	M5	50
2114020	RL15	4	M7	50
2114002	RL15	4	1/8	50
2014003	R15	5	M5	50
2014004	R15	5	1/8	50
2114106	RL15	6	M5	50
2114021	RL15	6	M7	50
2114005	RL15	6	1/8	50
2114007	RL15	6	1/4	50
2114006	RL15	8	1/8	50
2114008	RL15	8	1/4	50
2114013	RL15	8	3/8	50
2114009	RL15	10	1/4	25
2114014	RL15	10	3/8	25
2014010	RL15	12	1/4	20
2014011	RL15	12	3/8	50
2014012	RL15	12	1/2	25

L MACHO CILÍNDRICO GIRATORIO (R31)


Código	Ref.	Ø	ROSCA	Cantidad
2131001	RL31	4	M5	50
2131002	RL31	4	1/8	50
2131003	RL31	4	1/4	50
2031004	R31	5	M5	50
2031005	R31	5	1/8	50
2031006	R31	5	1/4	50
2131007	RL31	6	M5	50
2131008	RL31	6	1/8	50
2131009	RL31	6	1/4	50
2131010	RL31	8	1/8	50
2131011	RL31	8	1/4	50
2131012	RL31	8	3/8	50
2131013	RL31	10	1/4	50
2131014	RL31	10	3/8	25
2031015	RL31	10	1/2	25
2031016	RL31	12	1/4	25
2031017	RL31	12	3/8	25
2031018	RL31	12	1/2	25
2031019	RL31	14	1/2	20

REDUCCIÓN (R8)


Código	Ref.	Ø 1	Ø 2	Cantidad
2008A01	R8	4	3	50
2008A02	R8	4	3.17	50
2008001	RL8	5	4	50
2108002	RL8	6	4	50
2008003	R8	6	5	50
2108004	RL8	8	4	50
2008005	R8	8	5	50
2108006	RL8	8	6	50
2108007	RL8	10	6	50
2108008	RL8	10	8	50
2008009	RL8	12	4	25
2008010	RL8	12	6	25
2008011	RL8	12	8	25
2008015	RL8	12	10	25
2008014	RL8	14	8	25
2008017	RL8	14	10	25
2008018	RL8	14	12	25

MAYORACIÓN				
2009001	RL8/M	4	6	50

BANJO SIMPLE (R13)


Código	Ref.	Ø	Ø PARA:	Cantidad
2012A02	RT3	3	M5	25
2012A01	RT3	3.17	M5	50
2012001	RL13	4	M5	50
2012002	RL13	4	1/8	50
2012003	RL13	5	M5	50
2012004	RL13	5	1/8	50
2012005	RL13	6	1/8	50
2012006	RL13	6	1/4	50
2012007	RL13	8	1/8	50
2012008	RL13	8	1/4	50
2012009	RL13	8	3/8	50
2012010	RL13	10	1/4	50
2012011	RL13	10	3/8	50
2012013	RL13	12	1/4	25
2012012	RL13	12	3/8	25
2012014	RL13	12	1/2	25

Utilizar con mangos Serie D

TORNILLO MACHO BANJO DOBLE GIRATORIO (R16)


Código	Ref.	Ø	ROSCA	Cantidad
2115001	RL16	4	M5	50
2115020	RL16	4	M7	50
2115002	RL16	4	1/8	50
2015003	R16	5	M5	50
2015004	R16	5	1/8	50
2115106	RL16	6	M5	50
2115021	RL16	6	M7	50
2115005	RL16	6	1/8	50
2115007	RL16	6	1/4	25
2115006	RL16	8	1/8	50
2115008	RL16	8	1/4	25
2115013	RL16	8	3/8	25
2115009	RL16	10	1/4	25
2115014	RL16	10	3/8	25
2015010	RL16	12	1/4	25
2015011	RL16	12	3/8	20
2015012	RL16	12	1/2	10

L MACHO CÓNICO GIRATORIO (R31C)


Código	Ref.	Ø	ROSCA	Cantidad
2131C02	RL31/C	4	1/8	50
2131C03	RL31/C	4	1/4	50
2131C08	RL31/C	6	1/8	50
2131C09	RL31/C	6	1/4	50
2131C10	RL31/C	8	1/8	50
2131C11	RL31/C	8	1/4	50
2131C12	RL31/C	8	3/8	50
2131C13	RL31/C	10	1/4	25
2131C14	RL31/C	10	3/8	25
2031C15	RL31/C	12	3/8	25
2031C16	RL31/C	12	1/2	25

TAPÓN (R9)


Código	Ref.	Ø	Material	Cantidad
2010A02	R9	3	Latón	100
2110A01	RL9T	3.17	Tecnopol.	50
2110001	RL9T	4	Tecnopol.	50
2010002	R9	5	Latón	50
2110003	RL9T	6	Tecnopol.	50
2110004	RL9T	8	Tecnopol.	50
2110005	RL9T	10	Tecnopol.	50
2110006	RL9T	12	Tecnopol.	50
2010007	R9	14	Latón	25

BANJO DOBLE (R14)


Código	Ref.	Ø	Ø PARA:	Cantidad
2013001	RL14	4	M5	25
2013002	RL14	4	1/8	25
2013003	RL14	5	M5	25
2013004	RL14	5	1/8	50
2013005	RL14	6	1/8	50
2013006	RL14	6	1/4	50
2013007	RL14	8	1/8	50
2013008	RL14	8	1/4	50
2013009	RL14	8	3/8	25
2013010	RL14	10	1/4	25
2013011	RL14	10	3/8	20

Utilizar con mangos Serie D

T CENTRAL MACHO CILÍNDRICO GIRATORIO (R32)


Código	Ref.	Ø	ROSCA	Cantidad
2132001	RL32	4	M5	50
2132002	RL32	4	1/8	50
2132003	RL32	4	1/4	50
2032005	R32	5	1/8	50
2132004	RL32	6	M5	50
2132008	RL32	6	1/8	50
2132009	RL32	6	1/4	50
2132010	RL32	8	1/8	50
2132011	RL32	8	1/4	50
2132012	RL32	8	3/8	50
2132013	RL32	10	1/4	25
2132014	RL32	10	3/8	25
2032017	RL32	12	3/8	20
2032018	RL32	12	1/2	20
2032019	RL32	14	1/2	10

T CENTRAL MACHO CÓNICO GIRATORIO (R32C)


Código	Ref.	Ø	ROSCA	Cantidad
2L32C02	RL32/C	4	1/8	50
2L32C03	RL32/C	4	1/4	50
2L32C08	RL32/C	6	1/8	50
2L32C09	RL32/C	6	1/4	50
2L32C10	RL32/C	8	1/8	50
2L32C11	RL32/C	8	1/4	50
2L32C12	RL32/C	8	3/8	50
2L32C13	RL32/C	10	1/4	25
2L32C14	RL32/C	10	3/8	25

CRUZ (R40)


Código	Ref.	Ø	Cantidad
2L40001	RL40	4	10
2L40003	RL40	6	10
2L40004	RL40	8	10

TORNILLO TRIPLE BANJO SIMPLES GIRATORIO (R52)


Código	Ref.	Ø	ROSCA	Cantidad
2L52002	RL52	4	1/8	25
2L52008	RL52	6	1/8	25
2L52009	RL52	6	1/4	25
2L52010	RL52	8	1/8	25
2L52011	RL52	8	1/4	25
2L52013	RL52	10	1/4	10

TORNILLO MACHO BANJO DOBLE ORIENTABLE (R55)


Código	Ref.	Ø	ROSCA	Cantidad
2L55001	RL55	4	M5	25
2L55002	RL55	4	1/8	25
2L55007	RL55	6	M5	25
2L55008	RL55	6	1/8	25
2L55009	RL55	6	1/4	25
2L55010	RL55	8	1/8	25
2L55011	RL55	8	1/4	25
2L55012	RL55	8	3/8	25
2L55013	RL55	10	1/4	25
2L55014	RL55	10	3/8	25
2L55018	RL55	12	1/4	25
2L55016	RL55	12	3/8	25
2L55017	RL55	12	1/2	25

T LATERAL MACHO CILÍNDRICO GIRATORIO (R38)


Código	Ref.	Ø	ROSCA	Cantidad
2L38002	RL38	4	1/8	50
2038005	R38	5	1/8	50
2L38008	RL38	6	1/8	50
2L38009	RL38	6	1/4	50
2L38010	RL38	8	1/8	50
2L38011	RL38	8	1/4	25
2L38013	RL38	10	1/4	25
2L38014	RL38	10	3/8	50
2038015	RL38	12	3/8	50
2038016	RL38	12	1/2	50

TORNILLO DOBLE BANJO SIMPLE GIRATORIO (R50)


Código	Ref.	Ø	ROSCA	Cantidad
2L50001	RL50	4	M5	25
2L50002	RL50	4	1/8	25
2033002	R33	5	1/8	25
2L50007	RL50	6	M5	25
2L50008	RL50	6	1/8	25
2L50009	RL50	6	1/4	25
2L50010	RL50	8	1/8	25
2L50011	RL50	8	1/4	25
2L50013	RL50	10	1/4	25

TORNILLO TRIPLE BANJO DOBLE GIRATORIO (R53)


Código	Ref.	Ø	ROSCA	Cantidad
2L53002	RL53	4	1/8	20
2L53008	RL53	6	1/8	20
2L53009	RL53	6	1/4	10
2L53010	RL53	8	1/8	10
2L53011	RL53	8	1/4	10
2L53013	RL53	10	1/4	10

TORNILLO DOBLE MACHO BANJO SIMPLE ORIENTABLE (R56)


Código	Ref.	Ø	ROSCA	Cantidad
2L56001	RL56	4	M5	25
2L56002	RL56	4	1/8	25
2L56007	RL56	6	M5	25
2L56008	RL56	6	1/8	25
2L56009	RL56	6	1/4	25
2L56010	RL56	8	1/8	25
2L56011	RL56	8	1/4	25
2L56012	RL56	8	3/8	25
2L56013	RL56	10	1/4	25
2L56014	RL56	10	3/8	10
2L56016	RL56	12	3/8	10
2L56017	RL56	12	1/2	10

L MACHO CÓNICO (R39C)


Código	Ref.	Ø	ROSCA	Cantidad
2L39C02	RL39/C	4	1/8	50
2L39C08	RL39/C	6	1/8	50
2L39C09	RL39/C	6	1/4	50
2039Z07	RL39/Z	6	12x1 cónico	50
2039Z08	RL39/Z	6	12x1.25 cónico	50
2L39C10	RL39/C	8	1/8	50
2L39C11	RL39/C	8	1/4	50
2L39C13	RL39/C	10	1/4	25

TORNILLO DOBLE BANJO DOBLE GIRATORIO (R51)


Código	Ref.	Ø	ROSCA	Cantidad
2L51001	RL51	4	M5	25
2L51002	RL51	4	1/8	25
2L51007	RL51	6	M5	25
2L51008	RL51	6	1/8	25
2L51009	RL51	6	1/4	25
2L51010	RL51	8	1/8	25
2L51011	RL51	8	1/4	25
2L51013	RL51	10	1/4	10

TORNILLO MACHO BANJO SIMPLE ORIENTABLE (R54)


Código	Ref.	Ø	ROSCA	Cantidad
2L54001	RL54	4	M5	50
2L54002	RL54	4	1/8	50
2L54007	RL54	6	M5	50
2L54008	RL54	6	1/8	50
2L54009	RL54	6	1/4	50
2L54010	RL54	8	1/8	50
2L54011	RL54	8	1/4	50
2L54012	RL54	8	3/8	25
2L54013	RL54	10	1/4	50
2L54014	RL54	10	3/8	25
2L54018	RL54	12	1/4	25
2L54016	RL54	12	3/8	25
2L54017	RL54	12	1/2	25

TORNILLO DOBLE MACHO BANJO DOBLE ORIENTABLE (R57)


Código	Ref.	Ø	ROSCA	Cantidad
2L57001	RL57	4	M5	25
2L57002	RL57	4	1/8	25
2L57007	RL57	6	M5	25
2L57008	RL57	6	1/8	25
2L57009	RL57	6	1/4	25
2L57010	RL57	8	1/8	25
2L57011	RL57	8	1/4	25
2L57012	RL57	8	3/8	10
2L57013	RL57	10	1/4	10
2L57014	RL57	10	3/8	10
2L57016	RL57	12	3/8	10
2L57017	RL57	12	1/2	5