

CONEXÕES DE ENGATE AUTOMÁTICO

DADOS TÉCNICOS GERAIS		
Roscas de acoplamento		M3 - M5 - M7 - 1/8" - 1/4" - 3/8" - 1/2"
Diâmetro	mm	Ø 3 - Ø 3.17 - Ø 4 - Ø 5 - Ø 6 - Ø 8 - Ø 10 - Ø 12 - Ø 14
Faixa de temperatura para conexões em latão	°C	- 20 a + 80
	°F	- 4 a 176
Faixa de temperatura para conexões em tecnopolímero	°C	- 20 a + 60
	°F	- 4 a 140
Faixa de pressão para conexões em latão		- 0.99 bar ... 16 bar / - 0.099 MPa ... 1.6 MPa
Faixa de pressão para conexões em tecnopolímero		- 0.99 bar ... 12 bar / - 0.099 MPa ... 1.2 MPa
Tubo Recomendado		Rilsan PA 11 - Nylon 6 - Poliamida 12 - Polipropileno
Fluido		Vácuo ou ar comprimido

CONEXÕES EM LATÃO

RETO MACHO CILÍNDRICO (R1)



Código	Ref.	Ø	Rosca
2001B01	R1	3	M3
2001B02	R1	3	M5
2001A01	R1	3.17	M3
2001A02	R1	3.17	M5
2101001	RL1	4	M5
2101020	RL1	4	M7
2101002	RL1	4	1/8
2101003	RL1	4	1/4
2001004	R1	5	M5
2001005	R1	5	1/8
2001006	R1	5	1/4
2101000	RL1	6	M5
2101021	RL1	6	M7
2101101	RL1	6	M12x1.5
2101007	RL1	6	1/8
2101008	RL1	6	1/4
2101102	RL1	8	M12x1.5
2101009	RL1	8	1/8
2101010	RL1	8	1/4
2101011	RL1	8	3/8
2101012	RL1	10	1/4
2101013	RL1	10	3/8
2101018	RL1	10	1/2
2001019	RL1	12	1/4
2001014	RL1	12	3/8
2001015	RL1	12	1/2
2001016	RL1	14	3/8
2001017	RL1	14	1/2

RETO FÊMEA (R2)



Código	Ref.	Ø	Rosca
2002B02	R2	3	M5
2002A02	R2	3.17	M5
2102001	RL2	4	1/8
2102002	RL2	4	1/4
2002003	R2	5	1/8
2002004	R2	5	1/4
2102005	RL2	6	1/8
2102006	RL2	6	1/4
2102007	RL2	8	1/8
2102008	RL2	8	1/4
2102009	RL2	10	1/4
2102010	RL2	10	3/8
2102011	RL2	12	3/8
2102012	RL2	12	1/2

L UNIÃO INSTANTÂNEA (R4)



Código	Ref.	Ø
2004A02	4	3
2004A01	R4	3.17
2104001	RL4	4
2004002	R4	5
2104003	RL4	6
2104004	RL4	8
2104005	RL4	10
2004006	RL4	12
2004007	RL4	14

ADAPTADOR DE TUBO COM ROSCA (R6)



Código	Ref.	Ø	Rosca
2006A02	R6	3	M5
2006A01	R6	3.17	M5
2006001	R6	4	M5
2006020	R6	4	M7
2006002	R6	4	1/8
2006003	R6	4	1/4
2006004	R6	5	M5
2006005	R6	5	1/8
2006006	R6	5	1/4
2006000	R6	6	M5
2006021	R6	6	M7
2006007	R6	6	1/8
2006008	R6	6	1/4
2006009	R6	8	1/8
2006010	R6	8	1/4
2006011	R6	8	3/8
2006012	R6	10	1/4
2006013	R6	10	3/8
2006022	R6	10	1/2
2006019	R6	12	1/4
2006014	R6	12	3/8
2006015	R6	12	1/2
2006016	R6	14	3/8
2006017	R6	14	1/2
2006101	R6	6	M12X1.5
2006102	R6	8	M12X1.5

RETO MACHO CÔNICO (R1C)



Código	Ref.	Ø	Rosca
2101C02	RL1C	4	1/8
2101C07	RL1C	6	1/8
2101C08	RL1C	6	1/4
2001Z07	RL1Z	6	12x1 conical
2001Z08	RL1Z	6	12x1.25 conical
2101C09	RL1C	8	1/8
2101C10	RL1C	8	1/4
2101C11	RL1C	8	3/8
2101C13	RL1C	10	1/4
2101C14	RL1C	10	3/8
2001C15	RL1C	12	3/8
2001C16	RL1C	12	1/2

RETO INTERMEDIÁRIO (R3)



Código	Ref.	Ø 1	Ø 2
2003A02	R3	3	3
2003A01	R3	3.17	3.17
2103001	RL3	4	4
2003002	R3	5	5
2103003	RL3	6	6
2103004	RL3	8	8
2103005	RL3	10	10
2003006	RL3	12	12
2003007	RL3	14	14
2103301	RL3	4	6
2103302	RL3	4	8
2103303	RL3	6	8
2103304	RL3	6	10
2103306	RL3	6	12
2103305	RL3	8	10
2103307	RL3	8	12
2103308	RL3	10	12

T UNIÃO INSTANTÂNEA (R5)



Código	Ref.	Ø
2005A02	R5	3
2005A01	R5	3.17
2105001	RL5	4
2005002	R5	5
2105003	RL5	6
2105004	RL5	8
2105005	RL5	10
2005006	RL5	12
2005007	RL5	14

ADAPTADOR DE TUBO COM ROSCA PROLONGADO (R18)



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

PROLONGAMENTO (R7)


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

RETO INTERMEDIÁRIO PASSAMURO (R10)


Código	Ref.	Ø 1	Ø 2	Rosca
2011A02	R10	3	3	M8x0.75
2011A01	R10	3.17	3.17	M8x0.75
2L11001	RL10	4	4	M11x1
2011002	R10	5	5	M14x1
2L11003	RL10	6	6	M13x1
2L11004	RL10	8	8	M15x1
2L11005	RL10	10	10	M17x1
2011006	RL10	12	12	M20x1
2011007	RL10	14	14	M24x1
2L11301	RL10	4	6	M13x1
2L11302	RL10	4	8	M15x1
2L11303	RL10	6	8	M15x1
2L11304	RL10	6	10	M17x1
2L11306	RL10	6	12	M20x1
2L11305	RL10	8	10	M17x1
2L11307	RL10	8	12	M20x1
2L11308	RL10	10	12	M20x1

COTOVELO MACHO ANEL SIMPLES ORIENTÁVEL (R15)


Código	Ref.	Ø	Rosca
2014101	R15	3	M3
2014102	R15	3.17	M3
2014103	R15	3	M5
2014104	R15	3.17	M5
2L14001	RL15	4	M5
2L14020	RL15	4	M7
2L14002	RL15	4	1/8
2014003	R15	5	M5
2014004	R15	5	1/8
2L14106	RL15	6	M5
2L14021	RL15	6	M7
2L14005	RL15	6	1/8
2L14007	RL15	6	1/4
2L14006	RL15	8	1/8
2L14008	RL15	8	1/4
2L14013	RL15	8	3/8
2L14009	RL15	10	1/4
2L14014	RL15	10	3/8
2014010	RL15	12	1/4
2014011	RL15	12	3/8
2014012	RL15	12	1/2

L MACHO GIRATÓRIO CILÍNDRICO (R31)


Código	Ref.	Ø	Rosca
2L31001	RL31	4	M5
2L31002	RL31	4	1/8
2L31003	RL31	4	1/4
2031004	R31	5	M5
2031005	R31	5	1/8
2031006	R31	5	1/4
2L31007	RL31	6	M5
2L31008	RL31	6	1/8
2L31009	RL31	6	1/4
2L31010	RL31	8	1/8
2L31011	RL31	8	1/4
2L31012	RL31	8	3/8
2L31013	RL31	10	1/4
2L31014	RL31	10	3/8
2031015	RL31	10	1/2
2031016	RL31	12	1/4
2031017	RL31	12	3/8
2031018	RL31	12	1/2
2031019	RL31	14	1/2

REDUTOR DE TUBOS (R8)


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

ADIÇÃO			
2009001	RL8/M	4	6

ANEL ORIENTÁVEL SIMPLES (R13)


Código	Ref.	Ø	Ø PARA:
2012A02	R13	3	M5
2012A01	R13	3.17	M5
2012001	RL13	4	M5
2012002	RL13	4	1/8
2012003	R13	5	M5
2012004	R13	5	1/8
2012005	RL13	6	1/8
2012006	RL13	6	1/4
2012007	RL13	8	1/8
2012008	RL13	8	1/4
2012009	RL13	8	3/8
2012010	RL13	10	1/4
2012011	RL13	10	3/8
2012013	RL13	12	1/4
2012012	RL13	12	3/8
2012014	RL13	12	1/2

Para as hastes série D

T MACHO ANEL DUPLO ORIENTÁVEL (R16)


Código	Ref.	Ø	Rosca
2L15001	RL16	4	M5
2L15020	RL16	4	M7
2L15002	RL16	4	1/8
2015003	R16	5	M5
2015004	R16	5	1/8
2L15106	RL16	6	M5
2L15021	RL16	6	M7
2L15005	RL16	6	1/8
2L15007	RL16	6	1/4
2L15006	RL16	8	1/8
2L15008	RL16	8	1/4
2L15013	RL16	8	3/8
2L15009	RL16	10	1/4
2L15014	RL16	10	3/8
2015010	RL16	12	1/4
2015011	RL16	12	3/8
2015012	RL16	12	1/2

L MACHO GIRATÓRIO CÔNICO (R31C)


Código	Ref.	Ø	Rosca
2L31C02	RL31/C	4	1/8
2L31C03	RL31/C	4	1/4
2L31C08	RL31/C	6	1/8
2L31C09	RL31/C	6	1/4
2L31C10	RL31/C	8	1/8
2L31C11	RL31/C	8	1/4
2L31C12	RL31/C	8	3/8
2L31C13	RL31/C	10	1/4
2L31C14	RL31/C	10	3/8
2031C15	RL31/C	12	3/8
2031C16	RL31/C	12	1/2

TAMPO (R9)


Código	Ref.	Ø	Material
2010A02	R9	3	Brass
2L10A01	RL9T	3.17	Technopol.
2L10001	RL9T	4	Technopol.
2010002	R9	5	Brass
2L10003	RL9T	6	Technopol.
2L10004	RL9T	8	Technopol.
2L10005	RL9T	10	Technopol.
2L10006	RL9T	12	Technopol.
2010007	R9	14	Brass

ANEL ORIENTÁVEL DUPLO (R14)


Código	Ref.	Ø	Ø PARA:
2013001	RL14	4	M5
2013002	RL14	4	1/8
2013003	R14	5	M5
2013004	R14	5	1/8
2013005	RL14	6	1/8
2013006	RL14	6	1/4
2013007	RL14	8	1/8
2013008	RL14	8	1/4
2013009	RL14	8	3/8
2013010	RL14	10	1/4
2013011	RL14	10	3/8

Para as hastes série D

T CENTRAL MACHO GIRATÓRIO CILÍNDRICO (R32)


Código	Ref.	Ø	Rosca
2L32001	RL32	4	M5
2L32002	RL32	4	1/8
2L32003	RL32	4	1/4
2032005	R32	5	1/8
2L32004	RL32	6	M5
2L32008	RL32	6	1/8
2L32009	RL32	6	1/4
2L32010	RL32	8	1/8
2L32011	RL32	8	1/4
2L32012	RL32	8	3/8
2L32013	RL32	10	1/4
2L32014	RL32	10	3/8
2032017	RL32	12	3/8
2032018	RL32	12	1/2
2032019	RL32	14	1/2

T CENTRAL MACHO GIRATÓRIO CÔNICO (R32C)


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

CRUZETA (RL40)


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

COTOVELO TRIPLO COM ANÉIS SIMPES GIRATÓRIOS (RL52)


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

T MACHO ANEL DUPLO ORIENTÁVEL (RL55)


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

T LATERAL MACHO GIRATÓRIO CILÍNDRICO (R38)


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

COTOVELO DUPLO COM ANÉIS SIMPES GIRATÓRIOS (R50)


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

T TRIPLO COM ANÉIS DUPLOS GIRATÓRIOS (RL53)


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

COTOVELO MACHO DUPLO COM ANÉIS SIMPES ORIENTÁVEIS (RL56)


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

L MACHO CÔNICO (R39C)


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

T DUPLO COM ANÉIS DUPLOS GIRATÓRIOS (RL51)


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

COTOVELO MACHO ANEL SIMPES ORIENTÁVEL (RL54)


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

T MACHO DUPLO COM ANÉIS DUPLOS GIRATÓRIOS (RL57)


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