

PNEUMSYS[®]

ADVANCE ENERGY SOLUTIONS



.matic[®]
PNEUMATIC FITTINGS

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MA LINE

The push-in fittings of the MA line are completely made of brass and they are suitable for quick connections in different industrial applications; they are robust compact and guarantee high performances in time.

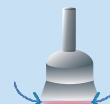
All MA fittings are electro-less nickel-plated.



-20°C÷70°C



Max 18 bar



-99KPa



MA 11



MA11 14 12
MA11 14 38
MA11 12 12
MA11 12 38
MA11 12 14
MA11 10 12
MA11 10 38
MA11 10 14
MA11 08 38
MA11 08 14
MA11 08 18
MA11 06 14
MA11 06 18
MA11 04 14
MA11 04 18

MA 12



MA12 14 12
MA12 14 38
MA12 12 12
MA12 12 38
MA12 12 14
MA12 10 12
MA12 10 38
MA12 10 14
MA12 08 38
MA12 08 14
MA12 08 18
MA12 06 14
MA12 06 18
MA12 06 M12x1,5
MA12 06 M12x1,25
MA12 06 M7
MA12 06 M6
MA12 06 M5
MA12 04 14
MA12 04 18
MA12 04 M7
MA12 04 M6
MA12 04 M5
MA12 03 M5
MA12 03 M3

MA 13



MA13 10 38
MA13 10 14
MA13 08 14
MA13 08 18
MA13 06 14
MA13 06 18
MA13 04 18

MA 14



MA14 10 38
MA14 10 14
MA14 08 14
MA14 08 18
MA14 06 14
MA14 06 18
MA14 04 14
MA14 04 18

MA 15



MA15 14 12
MA15 14 38
MA15 12 12
MA15 12 38
MA15 10 38
MA15 10 14
MA15 08 38
MA15 08 14
MA15 08 18
MA15 06 14
MA15 06 18
MA15 04 14
MA15 04 18

MA 16



MA16 14 12
MA16 14 38
MA16 12 12
MA16 12 38
MA16 12 14
MA16 10 12
MA16 10 38
MA16 10 14
MA16 08 38
MA16 08 14
MA16 08 18
MA16 06 14
MA16 06 18
MA16 06 M12x1,5
MA16 06 M12x1,25
MA16 06 M6
MA16 06 M5
MA16 04 14
MA16 04 18
MA16 04 M6
MA16 04 M5
MA16 03 M5

MA 17



MA17 10 38
MA17 10 14
MA17 08 14
MA17 08 18
MA17 06 14
MA17 06 18
MA17 04 18

MA 18



MA18 12 12
MA18 12 38
MA18 10 38
MA18 10 14
MA18 08 14
MA18 08 18
MA18 06 14
MA18 06 18
MA18 06 M5
MA18 04 18
MA18 04 M5
MA18 03 M5
MA18 03 M3

MA 19



MA19 08 14
MA19 08 18
MA19 06 14
MA19 06 18
MA19 04 18

MA 20



MA20 12 12
MA20 12 38
MA20 10 38
MA20 10 14
MA20 08 38
MA20 08 14
MA20 08 18
MA20 06 14
MA20 06 18
MA20 04 14
MA20 04 18

MA 21



MA21 12 12
MA21 12 38
MA21 10 38
MA21 10 14
MA21 08 38
MA21 08 14
MA21 08 18
MA21 06 14
MA21 06 18
MA21 04 14
MA21 04 18

MA 22



MA22 12 12
MA22 12 38
MA22 10 38
MA22 10 14
MA22 08 14
MA22 08 18
MA22 06 14
MA22 06 18
MA22 06 M5
MA22 04 18
MA22 04 M5

MA 23



MA23 12 12
MA23 12 38
MA23 10 38
MA23 10 14
MA23 08 14
MA23 08 18
MA23 06 14
MA23 06 18
MA23 04 14
MA23 04 18

MA 24



MA24 12 12
MA24 12 38
MA24 10 38
MA24 10 14
MA24 08 14
MA24 08 18
MA24 06 14
MA24 06 18
MA24 04 14
MA24 04 18

MA 25



MA25 12 14
MA25 10 14
MA25 10 12
MA25 08 14
MA25 08 12
MA25 08 10
MA25 08 06
MA25 06 14
MA25 06 12
MA25 06 10
MA25 06 08
MA25 06 04
MA25 04 12
MA25 04 10
MA25 04 08
MA25 04 06
MA25 03 04

MA 26



MA26 14 14
MA26 12 12
MA26 10 08
MA26 10 10
MA26 08 06
MA26 08 08
MA26 06 04
MA26 06 06
MA26 04 04
MA26 03 03

MA 27



MA27 12 12
MA27 10 10
MA27 08 08
MA27 06 06
MA27 04 04
MA27 03 03

MA 28



MA28 14 14
MA28 12 12
MA28 10 10
MA28 08 08
MA28 06 06
MA28 04 04
MA28 03 03

MA 28



MA28 14 14
MA28 12 12
MA28 10 10
MA28 08 08
MA28 06 06
MA28 04 04
MA28 03 03

MA 29



MA29 14 14
MA29 12 12
MA29 10 10
MA29 08 08
MA29 06 06
MA29 04 04
MA29 03 03

MA 30



MA30 00 12
MA30 00 38
MA30 00 14
MA30 00 18
MA30 00 M5

MA 31



MA31 00 12
MA31 00 38
MA31 00 14
MA31 00 18
MA31 00 M5

MA 32



MA32 00 12
MA32 00 38
MA32 00 14
MA32 00 18

MA 33



MA33 00 38
MA33 00 14
MA33 00 18

MA 34



MA34 00 38
MA34 00 14
MA34 00 18

MA 35



MA35 12 12
MA35 12 38
MA35 10 38
MA35 10 14
MA35 08 38
MA35 08 14
MA35 08 18
MA35 06 14
MA35 06 18
MA35 06 M5 /R
MA35 06 M5
MA35 04 18
MA35 04 M5 /R
MA35 04 M5

MA 36



MA36 12 12
MA36 12 38
MA36 10 38
MA36 10 14
MA36 08 38
MA36 08 14
MA36 08 18
MA36 06 14
MA36 06 18
MA36 04 18
MA36 04 M5

MA 37



MA37 12 12
MA37 10 08
MA37 10 10
MA37 08 06
MA37 08 08
MA37 06 04
MA37 06 06
MA37 04 04

MA 38



MA38 12 12
MA38 12 38
MA38 10 38
MA38 10 14
MA38 08 14
MA38 08 18
MA38 06 14
MA38 06 18
MA38 06 M5
MA38 04 14
MA38 04 18
MA38 04 M5

MA 39



MA39 00 14
MA39 00 12
MA39 00 10
MA39 00 08
MA39 00 06
MA39 00 04

MA 40



MA40 00 14
MA40 00 12
MA40 00 10
MA40 00 08
MA40 00 06
MA40 00 04
MA40 00 03

MA 41



MA41 08 14
MA41 08 18
MA41 06 14
MA41 06 18
MA41 04 18
MA41 04 M5

MA 42



MA42 08 14
MA42 08 18
MA42 06 14
MA42 06 18
MA42 04 18
MA42 04 M5

MA 43



MA43 10 10
MA43 08 08
MA43 08 06
MA43 06 08
MA43 06 06
MA43 06 04
MA43 04 06
MA43 04 04

MA 44



MA44 10 10
MA44 08 10
MA44 08 08
MA44 06 08
MA44 06 06
MA44 04 06
MA44 04 04

MA 45



MA45 10 10
MA45 08 08
MA45 06 08
MA45 06 06
MA45 04 06
MA45 04 04

MA 46



MA46 08 08
MA46 06 08
MA46 06 06
MA46 04 06
MA46 04 04

MA 47



MA47 08 08
MA47 06 08
MA47 06 06
MA47 04 06
MA47 04 04

MA 10



MA10 10 00
MA10 08 00
MA10 06 00
MA10 04 00

AP LINE

Brass Push-in Fittings with Technopolymer Release

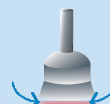
Push in fittings made of a materials "MIX", brass and Technopolymer. This line offers a more competitive priced fitting then the whole brass version, without affecting the fitting performance.



-20°C+70°C



Max 18 bar



-99KPa



AP 12



AP12 12 12
AP12 12 38
AP12 12 14
AP12 10 12
AP12 10 38
AP12 10 14
AP12 08 38
AP12 08 14
AP12 08 18
AP12 06 14
AP12 06 18
AP12 06 M5
AP12 04 18
AP12 04 M5

AP 13



AP13 10 38
AP13 10 14
AP13 08 14
AP13 08 18
AP13 06 14
AP13 06 18
AP13 04 18

AP 16



AP16 12 12
AP16 12 38
AP16 12 14
AP16 10 12
AP16 10 38
AP16 10 14
AP16 08 38
AP16 08 14
AP16 08 18
AP16 06 14
AP16 06 18
AP16 06 M5
AP16 04 18
AP16 04 M5

AP 21



AP21 12 12
AP21 12 38
AP21 10 38
AP21 10 14
AP21 08 14
AP21 08 18
AP21 06 14
AP21 06 18
AP21 04 18

AP 24



AP24 12 12
AP24 12 38
AP24 10 38
AP24 10 14
AP24 08 14
AP24 08 18
AP24 06 14
AP24 06 18
AP24 04 18

AP 25



AP25 12 14
AP25 10 14
AP25 10 12
AP25 08 12
AP25 08 10
AP25 08 06
AP25 06 10
AP25 06 08
AP25 06 04
AP25 04 08
AP25 04 06

AP 26



AP26 12 12
AP26 10 08
AP26 10 10
AP26 08 06
AP26 08 08
AP26 06 04
AP26 06 06
AP26 04 04

AP 27



AP27 12 12
AP27 10 10
AP27 08 08
AP27 06 06
AP27 04 04

AP 28



AP28 04 04
AP28 06 06
AP28 08 08
AP28 10 10
AP28 12 12

AP 29



AP29 12 12
AP29 10 10
AP29 08 08
AP29 06 06
AP29 04 04

AP 35



AP35 12 12
AP35 12 38
AP35 10 38
AP35 10 14
AP35 08 14
AP35 08 18
AP35 06 14
AP35 06 18
AP35 06 M5/R
AP35 04 18
AP35 04 M5/R
AP35 04 M5

AP 37



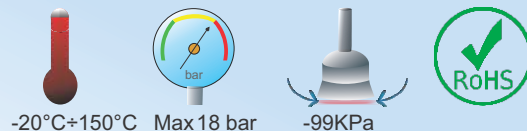
AP37 12 12
AP37 10 08
AP37 10 10
AP37 08 06
AP37 08 08
AP37 06 04
AP37 06 06
AP37 04 04



MB LINE

Technopolymer Push-in fittings

The push in fittings of the MB line are made of a Technopolymer belonging to the Acetal Resins Family (POM) also well known for the dimensional stability offered, stiffness, fatigue and corrosion resistance. These features can bridge the gap between metal and the traditional plastic materials.



AP 12



AP12 12 12
AP12 12 38
AP12 12 14
AP12 10 12
AP12 10 38
AP12 10 14
AP12 08 38
AP12 08 14
AP12 08 18
AP12 06 14
AP12 06 18
AP12 06 M5
AP12 04 18
AP12 04 M5

AP 13



AP13 10 38
AP13 10 14
AP13 08 14
AP13 08 18
AP13 06 14
AP13 06 18
AP13 04 18

MB 12



MB12 10 38
MB12 10 14
MB12 08 38
MB12 08 14
MB12 08 18
MB12 06 14
MB12 06 18
MB12 04 18

MB 13



MB13 10 38
MB13 10 14
MB13 08 38
MB13 08 14
MB13 08 18
MB13 06 14
MB13 06 18
MB13 04 18

MB 14



MB14 12 12
MB14 10 10
MB14 08 08
MB14 06 06
MB14 04 04

MB 15



MB15 12 12
MB15 10 10
MB15 08 08
MB15 06 06
MB15 04 04

MB 16



MB16 12 38
MB16 12 12
MB16 10 38
MB16 10 14
MB16 08 38
MB16 08 14
MB16 08 18
MB16 06 14
MB16 06 18
MB16 04 14
MB16 04 18

MB 17



MB17 10 38
MB17 10 14
MB17 08 38
MB17 08 14
MB17 08 18
MB17 06 14
MB17 06 18
MB17 04 14
MB17 04 18

MB 18



MB18 12 12
MB18 12 38
MB18 10 38
MB18 10 14
MB18 08 38
MB18 08 14
MB18 08 18
MB18 06 14
MB18 06 18
MB18 06 M5
MB18 04 14
MB18 04 18
MB18 04 M5

MB 19



MB19 10 38
MB19 10 14
MB19 08 38
MB19 08 14
MB19 08 18
MB19 06 14
MB19 06 18
MB19 06 M5
MB19 04 14
MB19 04 18
MB19 04 M5

MB 20



MB20 10 38
MB20 10 14
MB20 08 38
MB20 08 14
MB20 08 18
MB20 06 14
MB20 06 18
MB20 06 M5
MB20 04 18
MB20 04 M5

MB 21



MB21 12 38
MB21 12 12
MB21 10 38
MB21 10 14
MB21 08 38
MB21 08 14
MB21 08 18
MB21 06 14
MB21 06 18
MB21 04 14
MB21 04 18

MB 22



MB22 12 38
MB22 12 12
MB22 10 38
MB22 10 14
MB22 08 38
MB22 08 14
MB22 08 18
MB22 06 14
MB22 06 18
MB22 06 M5
MB22 04 14
MB22 04 18
MB22 04 M5

MB 23



MB23 10 38
MB23 10 14
MB23 08 38
MB23 08 14
MB23 08 18
MB23 06 14
MB23 06 18
MB23 04 14
MB23 04 18

MB 24



MB24 10 38
MB24 10 14
MB24 08 38
MB24 08 14
MB24 08 18
MB24 06 14
MB24 06 18
MB24 06 M5
MB24 04 14
MB24 04 18
MB24 04 M5

MB 25



MB25 12 10
MB25 12 08
MB25 10 08
MB25 08 06
MB25 06 04
MB25 12 12
MB25 10 10
MB25 08 08
MB25 06 06
MB25 04 04

MB 26



MB26 10 12
MB26 08 12
MB26 08 10
MB26 06 12
MB26 06 10
MB26 06 08
MB26 04 10
MB26 04 08
MB26 04 06

MB 27



MB27 08 06
MB27 06 04

MB 28



MB28 10 38
MB28 10 14
MB28 08 38
MB28 08 14
MB28 08 18
MB28 06 14
MB28 06 18
MB28 06 M5/R
MB28 04 18
MB28 04 M5/R
MB28 04 M5

MB 29



MB29 12 12
MB29 10 10
MB29 08 08
MB29 06 06
MB29 04 04

MB 30



MB30 08 08
MB30 06 06
MB30 04 08
MB30 04 06
MB30 04 04

MB 31



MB31 08 38
MB31 08 14
MB31 08 18
MB31 06 14
MB31 06 18
MB31 04 14
MB31 04 18
MB31 04 M5

MB 32



MB32 12 00
MB32 10 00
MB32 08 00
MB32 06 00
MB32 04 00

MB 33



MB33 12 00
MB33 10 00
MB33 08 00
MB33 06 00
MB33 04 00

MB 35



MB35 08 04
MB35 06 05
MB35 04 06

MB 42



MB42 00 12
MB42 00 38
MB42 00 14
MB42 00 18
MB42 00 M5

MB 43



MB43 04 08
MB43 04 06

MB 44



MB44 04 14
MB44 04 18

MB 46



MB46 10 10
MB46 08 08
MB46 06 06
MB46 04 04

MB 48



MB48 12 12
MB48 10 10
MB48 08 08
MB48 06 06
MB48 04 04

MB 49



MB49 12 12
MB49 10 10
MB49 08 08
MB49 06 06
MB49 04 04

MB 10



MB10 10 00
MB10 08 00
MB10 06 00
MB10 04 00



HP LINE

High Pressure Push-in fittings (250 bar)

HP is a new generation fitting studied to guarantee tightness with pressure ranges, considered so far "out of reach" with the push-in version.

The fitting has been created and developed to be used in the Lubricant systems. Thanks to the innovative gripping system of the collet, our HP push-in fitting can stand up to a maximum of 250 bar pressure.



HP 11



HP11 06 M10x1
HP11 06 M8x1
HP11 06 M6x1
HP11 06 14
HP11 06 18
HP11 04 M10x1
HP11 04 M8x1
HP11 04 M6x1
HP11 04 18

HP 14



HP14 06 M10x1
HP14 06 M8x1
HP14 06 M6x1
HP14 06 18
HP14 04 M10x1
HP14 04 M8x1
HP14 04 M6x1
HP14 04 18

HP 18



HP18 06 M10x1
HP18 06 M8x1
HP18 06 M6x1
HP18 06 14
HP18 06 18
HP18 04 M10x1
HP18 04 M8x1
HP18 04 M6x1
HP18 04 18

HP 11- NR



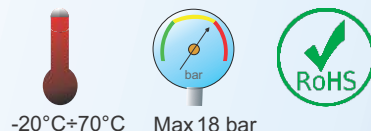
HP11 06 M10x1 NR



MP LINE

Medium Pressure Push-in Fittings (80 bar)

MP completes, with its technical features the existing products offer for central lubrication applications and highlights further the distinguishing marks of the whole C.MATIC production: Quick connections, performance and reliance guarantee. MP is a push in fitting conceived for Medium pressure grease applications up to max 80 bar.



MP 11



MP11 06 M10x1
MP11 06 M8x1
MP11 06 M6x1
MP11 06 18
MP11 04 M10x1
MP11 04 M8x1
MP11 04 M6x1
MP11 04 18

MP 14



MP14 06 M10x1
MP14 06 M8x1
MP14 06 M6x1
MP14 06 18
MP14 04 M10x1
MP14 04 M8x1
MP14 04 M6x1
MP14 04 18

MP 15



MP15 06 M10x1
MP15 06 M8x1
MP15 06 M6x1
MP15 06 18
MP15 04 M10x1
MP15 04 M8x1
MP15 04 M6x1
MP15 04 18

MP 26



MP26 06 06
MP26 04 04

MM LINE

Misting Push-in Fittings

MM is our new line of misting fittings. C.matic are now using all their know-how and experience in high pressure connections for a completely new purpose . To create "Misting".

Water at 70 bar pressure is channeled through hoses and sprayed through nozzles as millions of very fine mist drops, creating that way a refreshing effect all around a specific area.

Misting, as a cost effective, energy saving and non polluting technique is used both in industrial and commercial fields to control odors and humidity, to set dusts, to cool down indoor and outdoor temperatures.



-20°C÷70°C

Max 18 bar

MM 11



MM11 3/8 3/8
MM11 3/8 1/4
MM11 1/4 1/4

MM 26



MM26 3/8 3/8
MM26 1/4 3/8
MM26 1/4 1/4

MM 28



MM28 3/8 3/8
MM28 1/4 1/4

MM 29



MM29 3/8 3/8
MM29 1/4 1/4

MM 40



MM40 00 3/8
MM40 00 1/4

MM 60



MM60 3/8 3/8
MM60 1/4 1/4

MM 61



MM61 00 3/8
MM61 00 1/4

MM 99



MM99 10-24 Ø0,40
MM99 10-24 Ø0,30
MM99 10-24 Ø0,20
MM99 10-24 Ø0,15

Misting Fittings Applications

- Garbage Odor Reduction Misting Systems
- Food Waste Odor Reduction Misting Systems
- Compost Plants Odor Reduction Misting Systems
- Pulp & Paper Sludge Odor Reduction Misting Systems
- Sewage Sludge Odor Reduction Misting Systems
- Leachate Odor Reduction Misting Systems
- Landfills Odor Reduction Misting Systems
- Transfer Stations Odor Reduction Misting Systems
- Garbage Trucks Odor Reduction Misting Systems
- Incinerators Odor Reduction Misting Systems
- Composting Odor Reduction Misting System
- Garbage Bins Odor Reduction Misting System
- Compactors Odor Reduction Misting System
- Trash Chutes Odor Reduction Misting System
- Roads/Alleys Odor Reduction Misting System
- Sludge Presses Odor Reduction Misting Systems
- Wet Wells Odor Reduction Misting Systems
- Grit Removal Odor Reduction Misting Systems
- Food Markets Odor Reduction Misting Systems
- Food Processing Odor Reduction Misting Systems
- Rendering Plants Odor Reduction Misting Systems
- Factory Plant Odor Reduction Misting Systems
- Forging Mills Odor Reduction Misting Systems



MX LINE



316 L Stainless Steel Push-in Fittings

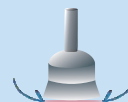
The push in fittings of the MX line are entirely made of AISI 316L (1.4404) and allow for connections in environment and applications, where any standard fitting would be incompatible for use.



-20°C÷150°C



Max 18 bar



-99KPa



MX 11



MX11 12 12
MX11 12 38
MX11 10 38
MX11 10 14
MX11 08 14
MX11 08 18
MX11 06 14
MX11 06 18
MX11 04 14
MX11 04 18

MX 16



MX16 12 12
MX16 12 38
MX16 10 38
MX16 10 14
MX16 08 14
MX16 08 18
MX16 06 14
MX16 06 18
MX16 04 18
MX16 04 M5

MX 26



MX26 12 12
MX26 10 10
MX26 08 06
MX26 08 08
MX26 06 04
MX26 06 06
MX26 04 04

MX 31



MX31 00 12
MX31 00 38
MX31 00 14
MX31 00 18

MX 12



MX12 12 12
MX12 12 38
MX12 10 38
MX12 10 14
MX12 08 14
MX12 08 18
MX12 06 14
MX12 06 18
MX12 04 18
MX12 04 M5

MX 20



MX20 10 38
MX20 10 14
MX20 08 14
MX20 08 18
MX20 06 14
MX20 06 18
MX20 04 18

MX 27



MX27 12 12
MX27 10 10
MX27 08 08
MX27 06 06
MX27 04 04

MX 35



MX35 12 12
MX35 12 38
MX35 10 38
MX35 10 14
MX35 08 14
MX35 08 18
MX35 06 14
MX35 06 18
MX35 04 18

MX 14



MX14 10 14
MX14 08 14
MX14 08 18
MX14 06 14
MX14 06 18
MX14 04 18

MX 21



MX21 10 38
MX21 10 14
MX21 08 14
MX21 08 18
MX21 06 14
MX21 06 18
MX21 04 18
MX21 04 M5

MX 28



MX28 12 12
MX28 10 10
MX28 08 08
MX28 06 06
MX28 04 04

MX INC



MX 15



MX15 12 12
MX15 12 38
MX15 10 38
MX15 10 14
MX15 08 14
MX15 08 18
MX15 06 14
MX15 06 18
MX15 04 18

MX 25



MX25 08 10
MX25 06 08
MX25 04 06

MX 30



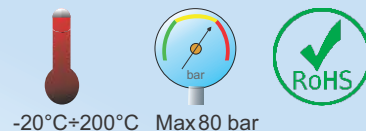
MX30 00 12
MX30 00 38
MX30 00 14
MX30 00 18



OX LINE

316 L Stainless Steel Compression Fittings

The OX fitting are completely made in AISI 316L (1.4404) and they are suitable for assembly with stainless steel pipes. The pipe connection is easy and needs no grease, allowing thereby to keep the food grade degree of the product. The olive seat, the olives and the nuts are all manufactured accordingly to ISO8434/DIN 2353 norm.



OX 10



OX10 00 12
OX10 00 10
OX10 00 08
OX10 00 06
OX10 00 04

OX 14



CX14 12 12
CX14 12 38
CX14 10 38
CX14 10 14
OX14 08 14
OX14 06 14
OX14 06 18
OX14 04 18

OX 22



OX22 00 12
OX22 00 10
OX22 00 08
OX22 00 06
OX22 00 04

OX 28



CX28 12 00
OX28 10 00
OX28 08 00
OX28 06 00
OX28 04 00

OX 11



CX11 12 12
CX11 12 38
CX11 10 38
CX11 10 14
CX11 08 14
OX11 08 18
OX11 06 14
OX11 06 18
OX11 04 18

OX 20



CX20 12 12
CX20 12 38
CX20 10 38
CX20 10 14
OX20 08 14
OX20 06 14
OX20 06 18
OX20 04 18

OX 26



CX26 12 00
OX26 10 00
OX26 08 00
OX26 06 00
OX26 04 00

OX 29



CX29 12 00
OX29 10 00
OX29 08 00
OX29 06 00
OX29 04 00

OX 13



CX13 12 12
CX13 12 38
OX13 10 38
OX13 10 14
OX13 08 14
OX13 06 18

CX LINE



316 L Stainless Steel Push-on fittings

The CX is a push-on fitting made of AISI 316L, completely free of Orings since conceived for heavy duty applications involving high temperatures, aggressive fluids and where also FPM Oring would not be suitable.



-20°C÷70°C



Max 18 bar



CX 10



CX10 10 14
CX10 08 12
CX10 06 10

CX 14



CX14 10 14
CX14 08 14
CX14 08 18
CX14 06 14
CX14 06 18

CX 23



CX23 10 14
CX23 08 14
CX23 08 18
CX23 06 14
CX23 06 18

CX 28



CX28 10 10
CX28 08 08
CX28 06 06

CX 11



CX11 10 38
CX11 10 14
CX11 08 14
CX11 08 18
CX11 06 14
CX11 06 18

CX 20



CX20 10 14
CX20 08 14
CX20 08 18
CX20 06 14
CX20 06 18

CX 26



CX26 10 10
CX26 08 08
CX26 06 06

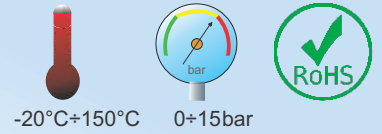
CX 29



CX29 10 10
CX29 08 08
CX29 06 06

GX LINE

316 L Stainless Steel Couplings
Stainless Steel Multi socket quick coupler



GX 10-11



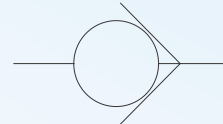
GX 10-11 00 38
GX 10-11 00 14

GX 10-12



GX 10-12 00 38
GX 10-12 00 14

MULTI PROFILE



GX 10-20



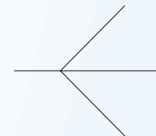
GX 10-20 00 38
GX 10-20 00 14

GX 10-21



GX 10-21 00 38
GX 10-21 00 14

EUROPEAN PROFILE - DN 7,5



GX 46-10



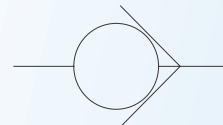
GX46-10 00 12
GX46-10 00 38
GX46-10 00 14

GX 46-13



GX46-13 13 00
GX46-13 09 00
GX46-13 06 00

SAFETY EUROPEAN PROFILE - DN 7,5



GX 46-12



GX46-12 00 12
GX46-12 00 38
GX46-12 00 14



VX LINE

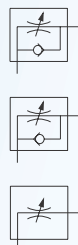
316 L Stainless Steel Function Fittings

They can adjust the flow in a pneumatic circuit. Depending on the flow control used, the setting can be made both ways (Bidirectional Flow Control), or just one way (Unidirectional Flow Control). The Unidirectional Flow Control is particularly used to adjust the speed of pneumatic cylinders.

VX 15



VX 15 00 14
VX 15 00 18



-0°C+150°C



0÷10bar

VX 18



VX 18 10 38
VX 18 10 14
VX 18 08 18
VX 18 06 14
VX 18 06 18
VX 18 04 18



-0°C+150°C



0÷10bar

VX 21



VX 21 00 14
VX 21 00 18



-0°C+150°C



0÷10bar

VX 22



VX 22 00 12
VX 22 00 38
VX 22 00 14



-10°C+150°C



2÷10bar

VX 23



VX 23 00 12
VX 23 00 38
VX 23 00 14
VX 23 00 18



-10°C+150°C



2÷10bar

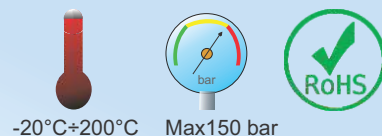


bar 0.2



RX LINE

316 L Stainless Steel Standard fittings
RX are our standard fittings in stainless steel
AISI 316L ; the right complement to our AISI
316L Fittings Program.



RX 12



RX12 12 12
RX12 38 12
RX12 38 38
RX12 14 38
RX12 14 14
RX12 18 14
RX12 18 18

RX 13

RX13 00 12
RX13 00 38
RX13 00 14
RX13 00 18

RX 14



RX14 38 12
RX14 14 12
RX14 14 38
RX14 18 12
RX14 18 38
RX14 18 14

RX 15



RX15 14 38
RX15 18 14
RX15 M5 18

RX 21



RX21 12 12
RX21 38 38
RX21 14 14
RX21 18 18

RX 22

RX22 12 12
RX22 38 38
RX22 14 14
RX22 18 18

RX 23

RX23 12 12
RX23 38 38
RX23 14 14
RX23 18 18

RX 24



RX24 12 12
RX24 38 38
RX24 14 14
RX24 18 18

RX 35

RX35 12 12
RX35 38 38
RX35 14 14
RX35 18 18

RX 42



RX42 00 12
RX42 00 38
RX42 00 14
RX42 00 18

RX 43



RX43 00 12
RX43 00 38
RX43 00 14
RX43 00 18

RX 46



RX46 00 12
RX46 00 38
RX46 00 14
RX46 00 18



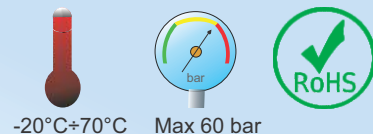
RA LINE

Brass Nickelplated Standard Fittings and Flexible Hoses

The RA line also known as the "Accessories line" or the "Standard fittings line" consists of a wide variety of components, such as Nipples, Reduction pieces, Connections, Plugs, Hose connections, L-T and cross fittings.

Due to the multiple auxiliary functions of this line, the RA fittings are the right complement for other ranges.

All components are brass nickel-plated.



RA 11

RA11 12 12
RA11 38 12
RA11 38 38
RA11 14 12
RA11 14 38
RA11 14 14
RA11 18 38
RA11 18 14
RA11 18 18
RA11 M5 18
RA11 M5 M5

RA 12

RA12 34 34
RA12 12 34
RA12 12 12
RA12 38 12
RA12 38 38
RA12 14 12
RA12 14 38
RA12 14 14
RA12 18 38
RA12 18 14
RA12 18 18

RA 13



RA13 00 12
RA13 00 38
RA13 00 14
RA13 00 18
RA13 00 M5

RA 14



RA14 12 34
RA14 38 12
RA14 14 12
RA14 14 38
RA14 18 12
RA14 18 38
RA14 18 14

RA 15

RA15 38 12
RA15 14 12
RA15 14 38
RA15 18 12
RA15 18 38
RA15 18 14
RA15 M5 18

RA 16

RA16 12 12
RA16 38 12
RA16 38 38
RA16 14 12
RA16 14 38
RA16 14 14
RA16 18 14
RA16 18 18

RA 17



RA17 12 12
RA17 38 12
RA17 38 38
RA17 14 12
RA17 14 38
RA17 14 14
RA17 18 14
RA17 18 18
RA17 M5 18

RA 18



RA18 38 12
RA18 14 12
RA18 14 38
RA18 18 38
RA18 18 14
RA18 M5 18

RA 19



RA19 00 12
RA19 00 38
RA19 00 14
RA19 00 18
RA19 00 M5

RA 43



RA43 00 12
RA43 00 38
RA43 00 14
RA43 00 18

RA 20



RA20 00 12
RA20 00 38
RA20 00 14
RA20 00 18

RA 21



RA21 12 12
RA21 38 38
RA21 14 14
RA21 18 18

RA 22



RA22 12 12
RA22 38 38
RA22 14 14
RA22 18 18

RA 23



RA23 12 12
RA23 38 38
RA23 14 14
RA23 18 18

RA 24



RA24 12 12
RA24 38 38
RA24 14 14
RA24 18 18

RA 25



RA25 12 12
RA25 38 38
RA25 14 14
RA25 18 18

RA 26



RA26 38 38
RA26 14 14
RA26 18 18

RA 27



RA27 14 14
RA27 18 18
RA27 M5 M5

RA 28



RA28 14 14
RA28 18 18
RA28 M5 M5

RA 29



RA29 00 12
RA29 00 38
RA29 00 14
RA29 00 18
RA29 00 M5

RA 30



RA30 17,5 12
RA30 17,5 38
RA30 12,5 12
RA30 12,5 38
RA30 12,5 14
RA30 9,5 38
RA30 9,5 14
RA30 9,5 18
RA30 8,5 18
RA30 7,5 14
RA30 7,5 18
RA30 4,5 M5
RA30 3,5 M5
RA30 03 M5

RA 31



RA31 00 M20x1,5
RA31 00 M16x1
RA31 00 M14x1
RA31 00 M12x1
RA31 00 M10x1
RA31 00 12
RA31 00 38
RA31 00 14
RA31 00 18

RA 35



RA35 12 12
RA35 38 38
RA35 14 14
RA35 18 18

RA 36



RA36 12 12
RA36 38 38
RA36 14 14
RA36 18 18

RA 38



RA38 18 14

RA 39



RA39 14 51
RA39 14 35
RA39 18 42
RA39 18 22

RA 40



RA40 00 12
RA40 00 38
RA40 00 14
RA40 00 18

RA 41



RA41 00 12
RA41 00 38
RA41 00 14
RA41 00 18

RA 42



RA42 00 12
RA42 00 38
RA42 00 14
RA42 00 18
RA42 00 M5/R
RA42 00 M5

RA 44



RA44 00 12
RA44 00 38
RA44 00 14
RA44 00 18
RA44 00 M5

RA 45



RA45 14 14
RA45 18 18

RA 46



RA46 00 12
RA46 00 38
RA46 00 14
RA46 00 18

RA 33-130



RA33 130

RA 33-350



RA33 350

RA 33-SL



RA33-SL

RA 34



RA34 25
RA34 12

RA 37



RA37 25
RA37 12

TUBI



POLIETILENE (LDPE)
POLIAMMIDE 6.6 (PA6.6)
POLIAMMIDE 6 (PA6)
POLIURETANO C98 (PU)
POLIAMMIDE 11 (PA11)

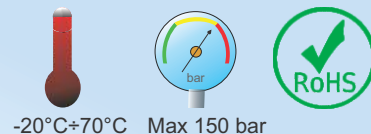


MC LINE

Brass Nickel Plated Push-on Fittings

The Push-on Fittings of the MC line are provided with a cone to ensure the perfect tightness once the tubing is assembled and the nut tightened.

All MC fittings are electro-less nickel plated



MC 11



MC11 15 12
MC11 12 12
MC11 12 38
MC11 10 12
MC11 10 38
MC11 10 14
MC11 10 18
MC11 08 38
MC11 08 14
MC11 08 18
MC11 06 38
MC11 06 14
MC11 06 18
MC11 05 18
MC11 04 18

MC 12



MC12 15 12
MC12 12 12
MC12 12 38
MC12 10 12
MC12 10 38
MC12 10 14
MC12 10 18
MC12 08 38
MC12 08 14
MC12 08 18
MC12 06 38
MC12 06 14
MC12 06 18
MC12 06 M5
MC12 05 18
MC12 05 M5
MC12 04 18
MC12 04 M5

MC 13



MC13 12 38
MC13 10 38
MC13 10 14
MC13 08 38
MC13 08 14
MC13 08 18
MC13 06 14
MC13 06 18
MC13 05 18

MC 14



MC14 15 15
MC14 12 12
MC14 10 10
MC14 08 08
MC14 06 06
MC14 05 05

MC 15



MC15 15 15
MC15 12 12
MC15 10 10
MC15 08 08
MC15 06 06
MC15 05 05

MC 16



MC16 15 12
MC16 12 12
MC16 12 38
MC16 10 38
MC16 10 14
MC16 10 18
MC16 08 38
MC16 08 14
MC16 08 18
MC16 06 38
MC16 06 14
MC16 06 18
MC16 05 18
MC16 04 18
MC16 04 M5

MC 17



MC17 12 38
MC17 10 14
MC17 08 14
MC17 08 18
MC17 06 14
MC17 06 18
MC17 05 18

MC 18



MC18 15 15
MC18 12 12
MC18 10 10
MC18 08 08
MC18 06 06
MC18 05 05

MC 19



MC19 15 15
MC19 12 12
MC19 10 10
MC19 08 08
MC19 06 06
MC19 05 05

MC 20



MC20 15 12
MC20 12 12
MC20 12 38
MC20 10 38
MC20 10 14
MC20 08 14
MC20 08 18
MC20 06 14
MC20 06 18
MC20 05 18

MC 21



MC21 15 12
MC21 12 12
MC21 12 38
MC21 10 38
MC21 10 14
MC21 08 14
MC21 08 18
MC21 06 14
MC21 06 18
MC21 05 18

MC 22



MC22 10 10
MC22 08 08
MC22 06 06
MC22 05 05

MC 23



MC23 10 38
MC23 10 14
MC23 08 38
MC23 08 14
MC23 08 18
MC23 06 14
MC23 06 18
MC23 06 M5/R
MC23 06 M5
MC23 05 18
MC23 05 M5/R
MC23 05 M5
MC23 04 18
MC23 04 M5/R
MC23 04 M5

MC 24



MC24 10 38
MC24 10 14
MC24 08 38
MC24 08 14
MC24 08 18
MC24 06 14
MC24 06 18
MC24 06 M5
MC24 05 18
MC24 05 M5

MC 27



MC27 15 20
MC27 12 16
MC27 10 14
MC27 08 12
MC27 06 10
MC27 06 08
MC27 05 08
MC27 04 07

MC 29



MC29 10 38
MC29 10 14
MC29 08 14
MC29 08 18
MC29 06 14
MC29 06 18

MC 30



MC30 10 38
MC30 10 14
MC30 08 14
MC30 08 18
MC30 06 14
MC30 06 18

MC 31



MC31 10 38
MC31 10 14
MC31 08 14
MC31 08 18
MC31 06 14
MC31 06 18

MC 32



MC32 10 08
MC32 08 06
MC32 06 04

MC 34



MC34 10 38
MC34 10 14
MC34 08 38
MC34 08 14
MC34 08 18
MC34 06 14
MC34 06 18
MC34 06 M5
MC34 05 18
MC34 05 M5
MC34 04 18
MC34 04 M5

MC 36



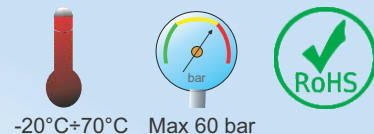
MC36 10 38
MC36 10 14
MC36 08 38
MC36 08 14
MC36 08 18
MC36 06 14
MC36 06 18
MC36 06 M5
MC36 05 18
MC36 05 M5

MO LINE



Brass Nickel Plated Olive Fittings

The compression fittings of the Mo line ensure the pneumatic/hydraulic tightness of the tubing by compression of an olive ring on the tubing. The olive seats, the olives and the nuts are all manufactured according to ISO8434/DN 2353 norm. All MO fittings are electro-less nickel plated.



MO 11



MO11 04 18
MO11 05 18
MO11 06 18
MO11 06 14
MO11 08 18
MO11 08 14
MO11 08 38
MO11 10 14
MO11 10 38
MO11 12 38
MO11 12 12
MO11 15 12

MO 12



MO12 04 M5
MO12 04 18
MO12 05 18
MO12 06 18
MO12 06 14
MO12 08 18
MO12 08 14
MO12 10 14
MO12 10 38
MO12 12 38
MO12 12 12
MO12 15 12

MO 13



MO13 04 18
MO13 05 18
MO13 06 18
MO13 06 14
MO13 08 18
MO13 08 14
MO13 10 14
MO13 10 38

MO 14



MO14 04 04
MO14 05 05
MO14 06 06
MO14 08 08
MO14 10 10
MO14 12 12
MO14 15 15

MO 15



MO15 04 04
MO15 05 05
MO15 06 06
MO15 08 08
MO15 10 10
MO15 12 12
MO15 15 15

MO 16



MO16 04 18
MO16 05 18
MO16 06 18
MO16 06 14
MO16 08 18
MO16 08 14
MO16 10 14
MO16 10 38
MO16 12 38
MO16 12 12
MO16 15 12

MO 17



MO17 04 04
MO17 05 05
MO17 06 06
MO17 08 08
MO17 10 10
MO17 12 12
MO17 15 15

MO 18



MO18 04 04
MO18 05 05
MO18 06 06
MO18 08 08
MO18 10 10
MO18 12 12
MO18 15 15

MO 19



MO19 04 18
MO19 05 18
MO19 06 18
MO19 06 14
MO19 08 18
MO19 08 14
MO19 10 14
MO19 10 38
MO19 12 38
MO19 12 12
MO19 15 12

MO 20



MO20 04 18
MO20 05 18
MO20 06 18
MO20 06 14
MO20 06 18
MO20 08 18
MO20 08 14
MO20 10 14
MO20 10 38
MO20 12 38
MO20 12 12
MO20 15 12

MO 21



MO21 04 08
MO21 05 10
MO21 06 10
MO21 08 12
MO21 10 16
MO21 12 18
MO21 15 22

MO 22



MO22 04 65
MO22 05 75
MO22 06 75
MO22 08 75
MO22 10 95
MO22 12 95
MO22 15 10

MO 23



MO23 16 12
MO23 08 14
MO23 10 16
MO23 12 18
MO23 15 20

MO 24



MO24 04 18
MO24 05 18
MO24 06 18
MO24 06 14
MO24 08 18
MO24 08 14
MO24 10 14
MO24 10 38
MO24 12 38
MO24 12 12

MO 25



MO25 06 18
MO25 06 14
MO25 08 18
MO26 08 14

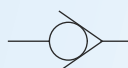
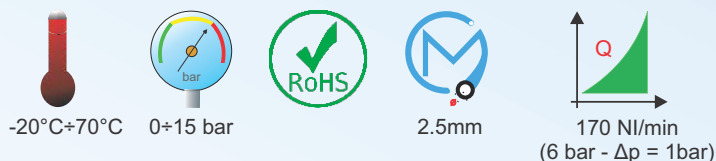
MO 26



MO26 08 06
MO26 10 06
MO26 10 08
MO26 12 08

GU LINE

Couplings and Multiple Connectors



GU 20-11



GU20-11 00 M5
GU20-11 0018

GU 20-13



GU20-13 03 00
GU20-13 04 00

GU 20-20



GU20-20 00 M5
GU20-20 00 18

GU 20-22



GU20-22 03 00
GU20-22 04 00

GU 20-12



GU20-12 00 M5
GU20-12 0018

GU 20-15



GU20-15 04 00
GU20-15 05 00
GU20-15 06 00

GU 20-21

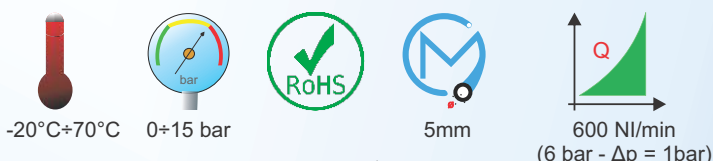


GU20-21 00 M5
GU20-21 00 18

GU 20-23



GU20-23 04 00
GU20-23 05 00
GU20-23 06 00



GU 21-11



GU21-11 00 18
GU21-11 00 14

GU 21-13



GU21-13 04 00
GU21-13 06 00

GU 21-20



GU21-20 00 18
GU21-20 00 14

GU 21-22



GU21-22 04 00
GU21-22 06 00

GU 21-12



GU21-12 00 18
GU21-12 00 14

GU 21-15



GU21-15 06 00
GU21-15 08 00

GU 21-21



GU21-21 00 18
GU21-21 00 14

GU 21-23

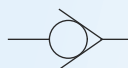


GU21-23 06 00
GU21-23 08 00

GU 21-24



GU21-24 06 00
GU21-24 08 00



GU 26-11



GU26-11 00 14
GU26-11 00 38
GU26-11 00 12

GU 26-13



GU26-13 06 00
GU26-13 09 00
GU26-13 13 00

GU 26-20



GU26-20 00 14
GU26-20 00 38
GU26-20 00 12

GU 26-22



GU26-22 06 00
GU26-22 08 00
GU26-22 09 00
GU26-22 10 00
GU26-22 13 00

GU 26-12



GU26-12 00 14
GU26-12 00 38
GU26-12 00 12

GU 26-15



GU26-15 08 00
GU26-15 10 00

GU 26-21



GU26-21 00 14
GU26-21 00 38
GU26-21 00 12

GU 26-23



GU26-23 06 00
GU26-23 08 00
GU26-23 10 00

GU 26-24



GU26-24 06 00
GU26-24 08 00
GU26-24 10 00



GU 10-11



GU10-11 00 14
 GU10-11 00 38
 GU10-11 00 12

GU 10-13



GU10-13 06 00
 GU10-13 09 00
 GU10-13 13 00

GU 11-21



GU11-21 00 14
 GU11-21 00 38

GU 10-12



GU10-12 00 14
 GU10-12 00 38
 GU10-12 00 12

GU 11-20



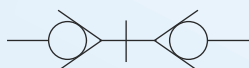
GU11-20 00 14
 GU11-20 00 38
 GU11-20 00 12

MULTIPLE CONNECTORS

A013



A013 06 06
 A013 08 04



A113 / A213



A113 04 12
 A113 06 10
 A113 08 08

A213 04 20
 A213 06 14
 A213 08 10



B113

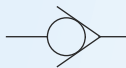
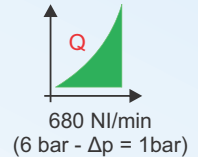


B113 04 12
 B113 06 10
 B113 08 08



GU SAFETY LINE

Safety Couplings



GU 41-10



GU41-10 00 14
GU41-10 00 38
GU41-10 00 12
GU41-10 00 14
GU41-10 00 38
GU41-10 00 12

GU 41-13



GU41-13 06 00
GU41-13 08 00
GU41-13 10 00

GU 41-20



GU41-20 00 14
GU41-20 00 38
GU41-20 00 12

GU 41-22



GU41-22 06 00
GU41-22 08 00
GU41-22 10 00

GU 41-12

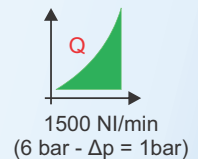


GU41-12 00 14
GU41-12 00 38
GU41-12 00 12

GU 41-21



GU41-21 00 14
GU41-21 00 38
GU41-21 00 12



GU 46-10



GU46-10 00 14
GU46-10 00 38
GU46-10 00 12

GU 46-12



GU46-12 00 14
GU46-12 00 38
GU46-12 00 12

GU 46-13



GU46-13 06 00
GU46-13 08 00
GU46-13 09 00
GU46-13 10 00
GU46-13 13 00

-20°C+70°C

0+16 bar



5.5mm

780 NI/min
(6 bar - $\Delta p = 1$ bar)



GU 42-10



GU42-10 00 14
GU42-10 00 38
GU42-10 00 12

GU 42-13



GU42-13 06 00
GU42-13 08 00
GU42-13 10 00

GU 42-20



GU42-20 00 14
GU42-20 00 38
GU42-20 00 12

GU 42-12



GU42-12 00 14
GU42-12 00 38
GU42-12 00 12

GU 42-21



GU42-21 00 14
GU42-21 00 38
GU42-21 00 12

-20°C+70°C

0+16 bar



5.5mm

780 NI/min
(6 bar - $\Delta p = 1$ bar)



GU 43-10



GU43-10 00 14
GU43-10 00 38
GU43-10 00 12

GU 43-13



GU43-13 08 00
GU43-13 10 00
GU43-13 13 00

GU 43-20



GU43-20 00 14
GU43-20 00 38
GU43-20 00 12

GU 43-22



GU43-22 08 00
GU43-22 10 00
GU43-22 13 00

GU 43-12



GU43-12 00 14
GU43-12 00 38
GU43-12 00 12

GU 43-21



GU43-21 00 14
GU43-21 00 38
GU43-21 00 12

 -20°C÷70°C

 0÷12 bar



 8mm

 1650 NI/min
(6 bar - Δp = 1bar)



GU 44-10



GU44-10 00 38
GU44-10 00 12

GU 44-13



GU44-13 08 00
GU44-13 10 00
GU44-13 13 00

GU 44-20



GU44-20 00 14
GU44-20 00 38
GU44-20 00 12

GU 44-12



GU44-12 00 38
GU44-12 00 12

GU 44-21



GU44-21 00 14
GU44-21 00 38
GU44-21 00 12

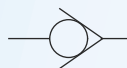
 -20°C÷70°C

 0÷10 bar



 5.5mm

 1080 NI/min
(6 bar - Δp = 1bar)



GU 45-10



GU45-10 00 14
GU45-10 00 38
GU45-10 00 12

GU 45-12



GU45-12 00 14
GU45-12 00 38
GU45-12 00 12

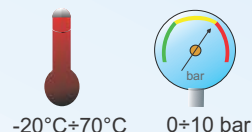
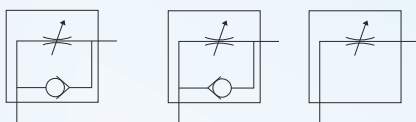
GU 45-13



GU45-13 06 00
GU45-13 08 00
GU45-13 10 00
GU45-13 09 00
GU45-13 13 00

MV LINE

Function Fittings



MV 15



MV15 00 M5
MV15 00 18
MV15 00 14
MV15 00 38
MV15 00 12

MV 16



MV16 00 M5
MV16 00 18
MV16 00 14
MV16 00 38
MV16 00 12

MV 17



MV17 00 M5
MV17 00 18
MV17 00 14
MV17 00 38
MV17 00 12

MV 40



MV40 00 M5
MV40 00 18
MV40 00 14
MV40 00 38
MV40 00 12

MV 18



MV18 04 M5
MV18 04 18
MV18 06 18
MV18 06 14
MV18 08 18
MV18 08 14
MV18 08 38
MV18 10 14
MV18 10 38

MV 41



MV41 04 M5
MV41 04 18
MV41 06 18
MV41 06 14
MV41 08 18
MV41 08 14
MV41 08 38
MV41 10 14
MV41 10 38

MV 20



MV20 04 M5
MV20 05 M5
MV20 05 18
MV20 06 M5
MV20 06 18
MV20 06 14
MV20 08 18
MV20 08 14
MV20 08 38
MV20 10 14
MV20 10 38

MV 42



MV42 04 M5
MV42 05 M5
MV42 05 18
MV42 06 M5
MV42 06 18
MV42 06 14
MV42 08 18
MV42 08 14
MV42 08 38
MV42 10 14
MV42 10 38

MV 38



MV38 04 M5
MV38 04 18
MV38 06 M5
MV38 06 18
MV38 06 14
MV38 08 18
MV38 08 14
MV38 08 38
MV38 10 14
MV38 10 38

MV 36



MV36 04 M5
MV36 04 18
MV36 06 M5
MV36 06 18
MV36 06 14
MV36 08 18
MV36 08 14
MV36 08 38
MV36 10 14
MV36 10 38

MV 39



MV39 04 M5
MV39 04 18
MV39 06 M5
MV39 06 18
MV39 06 14
MV39 08 18
MV39 08 14
MV39 08 38
MV39 10 14
MV39 10 38

MV 37



MV37 04 M5
MV37 04 18
MV37 06 M5
MV37 06 18
MV37 06 14
MV37 08 18
MV37 08 14
MV37 08 38
MV37 10 14
MV37 10 38

MV 19

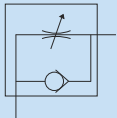


MV19 04 18
MV19 06 18
MV19 06 14
MV19 08 18
MV19 08 14

MV 28



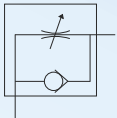
MV28 04 M5
MV28 06 M5
MV28 06 18
MV28 06 14
MV28 08 18
MV28 08 14



MV 29



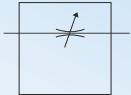
MV29 00 18
MV29 00 14
MV29 00 38
MV29 00 12



MV 21



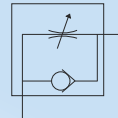
MV21 00 M5
MV21 00 18
MV21 00 14
MV21 00 38
MV21 00 12



MV 34



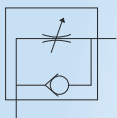
MV34 04 04
MV34 06 06
MV34 08 08



MV 35



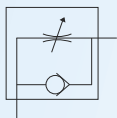
MV35 04 M5
MV35 04 18
MV35 06 18
MV35 06 14
MV35 08 18
MV35 08 14



MV 43



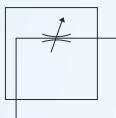
MV43 04 04
MV43 06 06
MV43 08 08



MV 49



MV49 06 14
MV49 08 14
MV49 08 38
MV49 10 38



MV 23



MV23 00 M5
MV23 00 18
MV23 00 14
MV23 00 38
MV23 00 12

MV 33



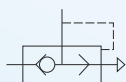
MV33 04 M5
MV33 04 18
MV33 06 18
MV33 06 14
MV33 08 18
MV33 08 14
MV33 10 14
MV33 10 38
MV33 12 12
MV33 14 12



MV 22



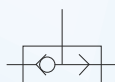
MV22 08 14-MA
MV22 14 14-RA
MV22 10 38-MA
MV22 38 38-RA
MV22 12 12-MA
MV22 12 12-RA



MV 27



MV27 00 M5
MV27 00 18
MV27 00 14
MV27 00 38
MV27 00 12
MV27 00 34

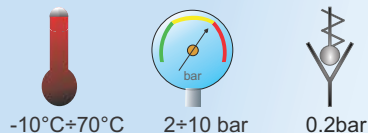


MV 32



MV32 00 18
MV32 00 14





MV 26



MV26 00 M5
MV26 00 18
MV26 00 14
MV26 00 38
MV26 00 12



MV 44



MV44 04 M5
MV44 04 18
MV44 06 M5
MV44 06 18
MV44 06 14
MV44 08 18
MV44 08 14



MV 45



MV45 00 18
MV45 00 14
MV45 00 38
MV45 00 12



MV 46



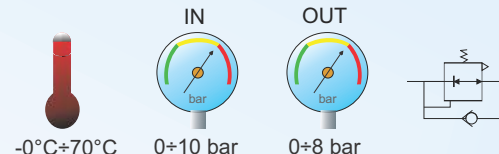
MV46 00 18
MV46 00 14



MV 48



MV48 06 06
MV48 08 08



MV 47



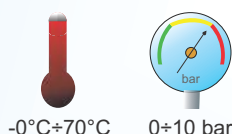
MV47 00 18
MV47 00 14



MV 50



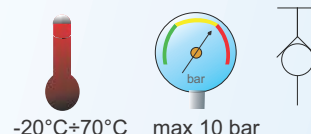
MV50 00 14
MV50 00 38
MV50 00 12



MV 52



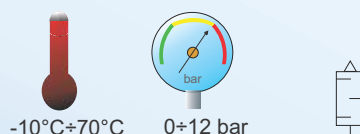
MV52 00 18
MV52 00 14
MV52 00 38



MV 55



MV55 06 18
MV55 06 14
MV55 08 18
MV55 08 14



MV 11-FE



MV11 00 18-FE
MV11 00 14-FE
MV11 00 38-FE
MV11 00 12-FE



MV 11-FEP



MV11 00 18-FEP
MV11 00 14-FEP
MV11 00 38-FEP
MV11 00 12-FEP



MV 11-CO



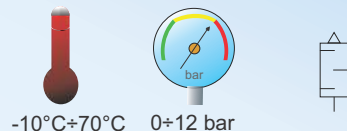
MV11 00 M5-CO
MV11 00 18-CO
MV11 00 14-CO
MV11 00 38-CO
MV11 00 12-CO



MV 11-CQ



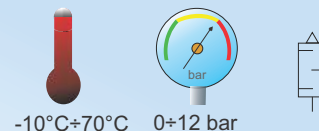
MV11 00 18-CQ
MV11 00 14-CQ
MV11 00 38-CQ
MV11 00 12-CQ



MV 11-BE



MV11 00 M5-BE
MV11 00 18-BE
MV11 00 14-BE
MV11 00 38-BE
MV11 00 12-BE



MV 11-P



MV11 00 18-P
MV11 00 14-P
MV11 00 38-P
MV11 00 12-P



MV 11-PL



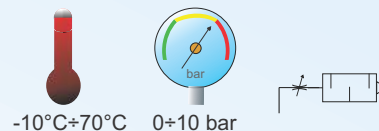
MV11 00 18-P
MV11 00 14-P
MV11 00 38-P
MV11 00 12-P
MV11 00 12-BE



MV 11-VE



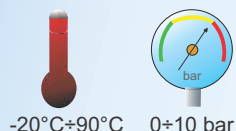
MV11 00 18-VE
MV11 00 14-VE
MV11 00 38-VE
MV11 00 12-VE



MV 14



MV14 00 M5
MV14 00 18
MV14 00 14
MV14 00 38



MV 24



MV24 00 18
MV24 00 14
MV24 00 38
MV24 00 12

MV 25



MV25 00 18
MV25 00 14
MV25 00 38
MV25 00 12

MV 53



MV53 00 18
MV53 00 14
MV53 00 38
MV53 00 12

MV 54



MV54 00 18
MV54 00 14
MV54 00 38
MV54 00 12



MV 51



MV51 06 06
MV51 06 18
MV51 06 14
MV51 08 08
MV51 08 18
MV51 08 14

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