CATALOGUE
LEGRIS RECTUS

Low-pressure connection solutions for industrial applications.

Parker

SUMMARY

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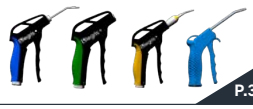
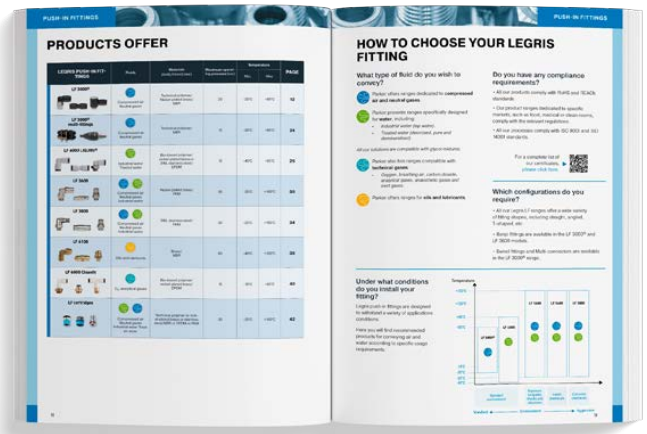
 P.318	P.324		

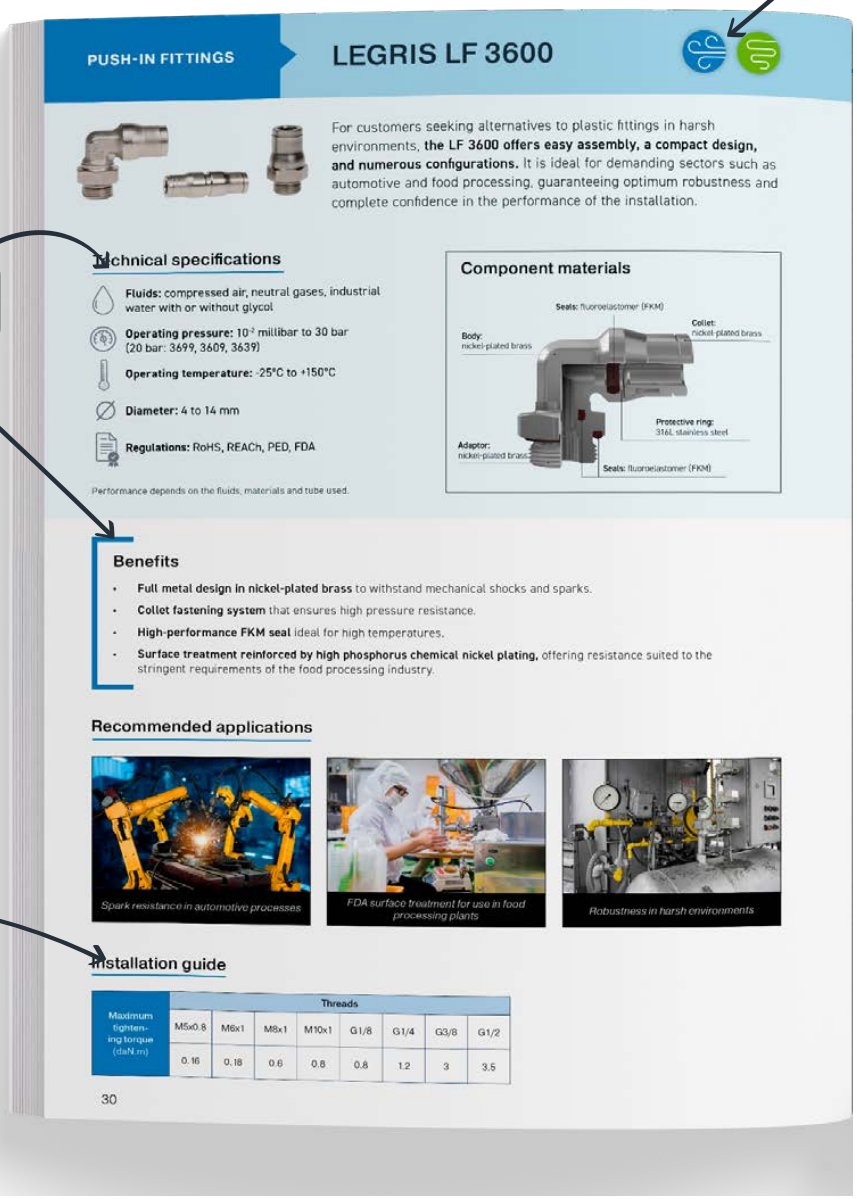
HOW TO USE THE CATALOGUE

Find an **introduction to each chapter** with the main features and help with choosing.



Technical specifications and product benefits

Technical information on the installation or use of products



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Recommended fluids:

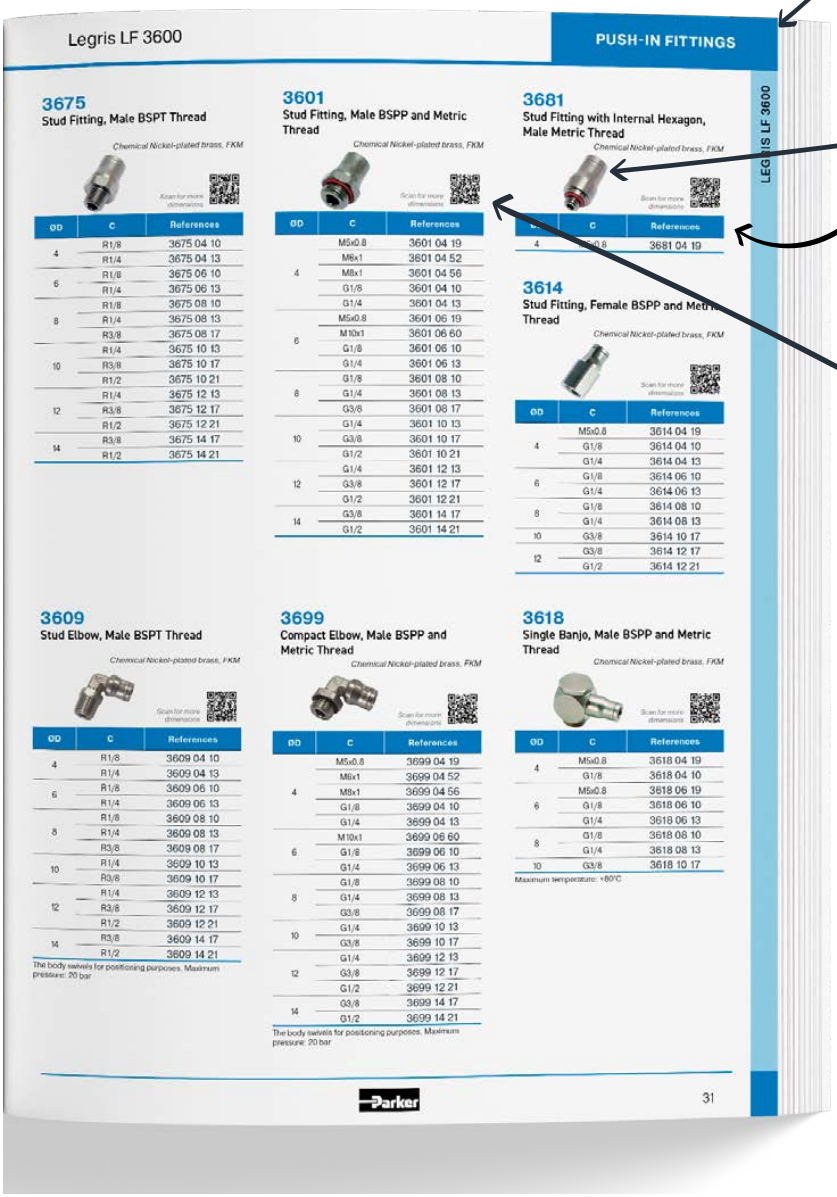
- *Compressed air and neutral gases*
- *Industrial water (tap water)*
  Treated water (deionised, pure and demineralised)
- *Technical gases*
- *Oils and lubricants*

Colour of the chapter visible on the spine

Product references:

- *Visual identification*
- *Table of references*

QR code for product dimensions


Legris LF 3600

PUSH-IN FITTINGS

LEGRIS LF 3600

3675
Stud Fitting, Male BSPT Thread

Chemical Nickel-plated brass, FKM

OD	C	References
4	R1/8	3675 04 10
	R1/4	3675 04 13
6	R1/8	3675 06 10
	R1/4	3675 06 13
8	R1/8	3675 08 10
	R1/4	3675 08 13
	R3/8	3675 08 17
10	R1/4	3675 10 13
	R3/8	3675 10 17
	R1/2	3675 10 21
12	R1/4	3675 12 13
	R3/8	3675 12 17
	R1/2	3675 12 21
14	R3/8	3675 14 17
	R1/2	3675 14 21

3601
Stud Fitting, Male BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

OD	C	References
4	M5x0.8	3601 04 19
	M6x1	3601 04 52
	M8x1	3601 04 56
	G1/8	3601 04 10
	G1/4	3601 04 13
6	M5x0.8	3601 06 19
	M10x1	3601 06 60
	G1/8	3601 06 10
	G1/4	3601 06 13
8	G1/8	3601 08 10
	G1/4	3601 08 13
	G3/8	3601 08 17
10	G1/4	3601 10 13
	G3/8	3601 10 17
	G1/2	3601 10 21
12	G1/4	3601 12 13
	G3/8	3601 12 17
	G1/2	3601 12 21
14	G3/8	3601 14 17
	G1/2	3601 14 21

3681
Stud Fitting with Internal Hexagon, Male Metric Thread

Chemical Nickel-plated brass, FKM

OD	C	References
4	[illegible]	3681 04 19

3614
Stud Fitting, Female BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

OD	C	References
4	M5x0.8	3614 04 19
	G1/8	3614 04 10
	G1/4	3614 04 13
6	G1/8	3614 06 10
	G1/4	3614 06 13
8	G1/8	3614 08 10
	G1/4	3614 08 13
10	G3/8	3614 10 17
12	G3/8	3614 12 17
	G1/2	3614 12 21

3609
Stud Elbow, Male BSPT Thread

Chemical Nickel-plated brass, FKM

OD	C	References
4	R1/8	3609 04 10
	R1/4	3609 04 13
6	R1/8	3609 06 10
	R1/4	3609 06 13
8	R1/8	3609 08 10
	R1/4	3609 08 13
	R3/8	3609 08 17
10	R1/4	3609 10 13
	R3/8	3609 10 17
12	R1/4	3609 12 13
	R3/8	3609 12 17
	R1/2	3609 12 21
14	R3/8	3609 14 17
	R1/2	3609 14 21

The body swivels for positioning purposes. Maximum pressure: 20 bar

3699
Compact Elbow, Male BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

OD	C	References
4	M5x0.8	3699 04 19
	M6x1	3699 04 52
	M8x1	3699 04 56
	G1/8	3699 04 10
	G1/4	3699 04 13
6	M10x1	3699 06 60
	G1/8	3699 06 10
	G1/4	3699 06 13
8	G1/8	3699 08 10
	G1/4	3699 08 13
	G3/8	3699 08 17
10	G1/4	3699 10 13
	G3/8	3699 10 17
12	G1/4	3699 12 13
	G3/8	3699 12 17
	G1/2	3699 12 21
14	G3/8	3699 14 17
	G1/2	3699 14 21

The body swivels for positioning purposes. Maximum pressure: 20 bar

3618
Single Banjo, Male BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

OD	C	References
4	M5x0.8	3618 04 19
	G1/8	3618 04 10
6	M5x0.8	3618 06 19
	G1/8	3618 06 10
	G1/4	3618 06 13
8	G1/8	3618 08 10
	G1/4	3618 08 13
10	G3/8	3618 10 17

Maximum temperature: +80°C

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31

PARKER DIVISION
LOW PRESSURE CONNECTORS EUROPE

Supplier of solutions for fluid transport, automation and industrial processes.

For over 60 years, the Low Pressure Connectors Europe Division, pioneer of Legris push-in connections and leader in Rectus quick couplers, has been designing, manufacturing and distributing innovative, easy-to-assemble solutions worldwide.

Drawing on proven industrial expertise and continuous innovation, it delivers reliable, high-performance and durable products designed to meet the requirements of the most demanding applications.

PARKER MAKES THE DIFFERENCE:

A SINGLE PARTNER FOR AIR AND LIQUIDS

PREMIUM QUALITY RECOGNISED

CUTTING-EDGE FRANCO-GERMAN **ENGINEERING**

100% EUROPEAN INTEGRATED **MANUFACTURING**

A LOCAL COMMERCIAL PRESENCE **IN EUROPE**

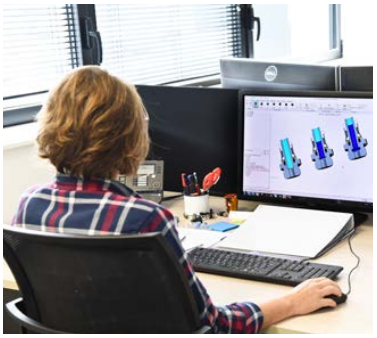
EXPERT AND RESPONSIVE **TECHNICAL SUPPORT**

TRUE TO OUR VALUES

Industrial excellence, high quality standards and customer focus are at the heart of all our processes.

FIRST-CLASS CUSTOMER EXPERIENCE

As your project partner, LPCE mobilises dedicated teams across Europe to advise you and tackle your technological challenges.
With in-depth knowledge of our customers' needs, the market and industry constraints, we provide technical recommendations and self-service digital resources to help you select the best products for your applications.



ENGINEERING EXPERTISE

For over 60 years, the LPCE division has been recognised for its expertise in sealing, gripping and flow optimisation.
Using state-of-the-art tools - rheology, finite element simulation and flow modelling - we design innovative, high-performance solutions that meet our customers' most stringent technical requirements.

RECOGNISED QUALITY

Quality is at the heart of the entire LPCE process value chain, guaranteeing reliability and peace of mind for our customers.
Our products meet strict technical requirements, guaranteed by advanced production controls - camera inspection and 100% leak testing at the end of the line. Recognised for its excellence, LPCE is committed to complying with industry standards and regulations and keeping pace with their evolution.

EXCELLENCE IN THE PRODUCTION AND SUPPLY CHAIN

LPCE implements an integrated and robust procurement strategy to guarantee excellent customer service.
We mobilise internal capabilities in plastic injection moulding, machining and automated assembly, complemented by multi-sourcing to secure materials and components.
Entirely based in Europe and guided by lean manufacturing principles, our organisation produces high-performance, premium-quality parts, delivered within reliable time frames.

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01

THE MARKET BENCHMARK

With over 60 years of experience, Legris LF push-in fittings are the preferred choice for transporting compressed air, gases and liquids.

PREMIUM QUALITY AND RELIABILITY GUARANTEE

Manufactured entirely in Europe and rigorously tested, these fittings ensure a perfect seal and exceptional performance.

A WIDE RANGE AT YOUR FINGERTIPS

With the widest selection of figures on the market, all products are easily accessible through our distribution network.

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LEGRIS PUSH-IN FITTINGS

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PRODUCTS OFFER

LEGRIS PUSH-IN FITTINGS	Fluids	Materials (body/thread/seal)	Maximum operating pressure (bar)	Temperature		PAGE
				Min.	Max.	
LF 3000®	Compressed air Neutral gases	Technical polymer/ Nickel-plated brass/ NBR	20	-20°C	+80°C	**12**
LF 3000® multi-fittings	Compressed air Neutral gases	Technical polymer/ NBR	10	-20°C	+80°C	**24**
LF 6000 LIQUIfit®	Industrial water Treated water	Bio-based polymer/ nickel-plated brass or 316L stainless steel/ EPDM	15	-40°C	+95°C	**26**
LF 3600	Compressed air Neutral gases Industrial water	Nickel-plated brass/ FKM	30	-25°C	+150°C	**30**
LF 3800	Compressed air Neutral gases Industrial water	316L stainless steel/ FKM	30	-25°C	+150°C	**34**
LF 6100	Oils and lubricants	Brass/ NBR	60	-40°C	+120°C	**38**
LF 6800 Cleanfit	O_2, analytical gases	Bio-based polymer/ nickel-plated brass/ EPDM	15	-10°C	+95°C	**40**
LF cartridges	Compressed air Neutral gases Industrial water Treated water	Technical polymer or nickel-plated brass or stainless steel/NBR or EPDM or FKM	30	-25°C	+150°C	**42**

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HOW TO CHOOSE YOUR LEGRIS FITTING

What type of fluid do you wish to convey?

Parker offers ranges dedicated to **compressed air and neutral gases**.

Parker presents ranges specifically designed for **water**, including:

- *Industrial water (tap water).*
- *Treated water (deionised, pure and demineralised)*

All our solutions are compatible with glycol mixtures.

Parker also has ranges compatible with **technical gases**:

- *Oxygen, breathing air, carbon dioxide, analytical gases, anaesthetic gases and inert gases.*

Parker offers ranges for **oils and lubricants**.

Do you have any compliance requirements?

- All our products comply with RoHS and REACh standards.
- Our product ranges dedicated to specific markets, such as food, medical or clean rooms, comply with the relevant regulations.
- All our processes comply with ISO 9001 and ISO 14001 standards.

For a complete list of our certificates, *please click here.*

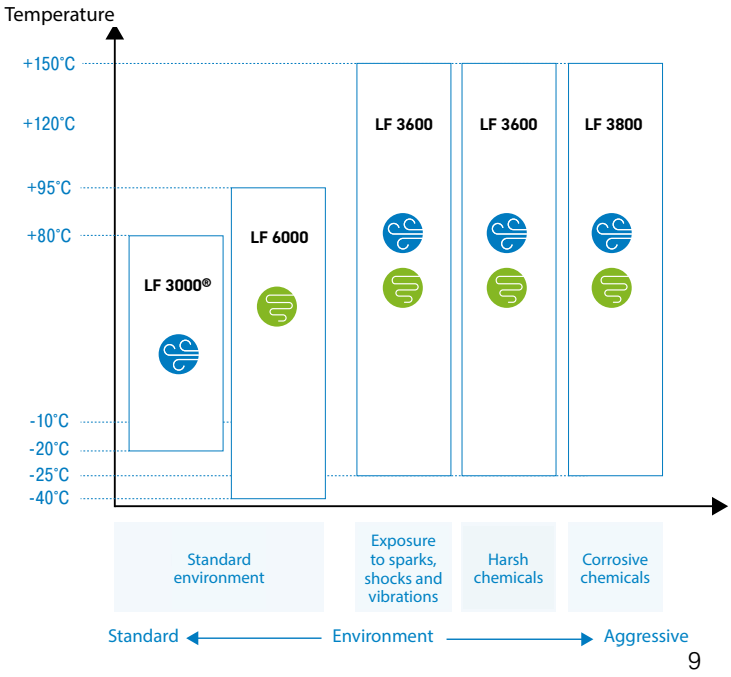
Which configurations do you require?

- All our Legris LF ranges offer a wide variety of fitting shapes, including straight, angled, T-shaped, etc.
- Banjo fittings are available in the LF 3000® and LF 3600 models.
- Swivel fittings and Multi-connectors are available in the LF 3000® range.

Under what conditions do you install your fitting?

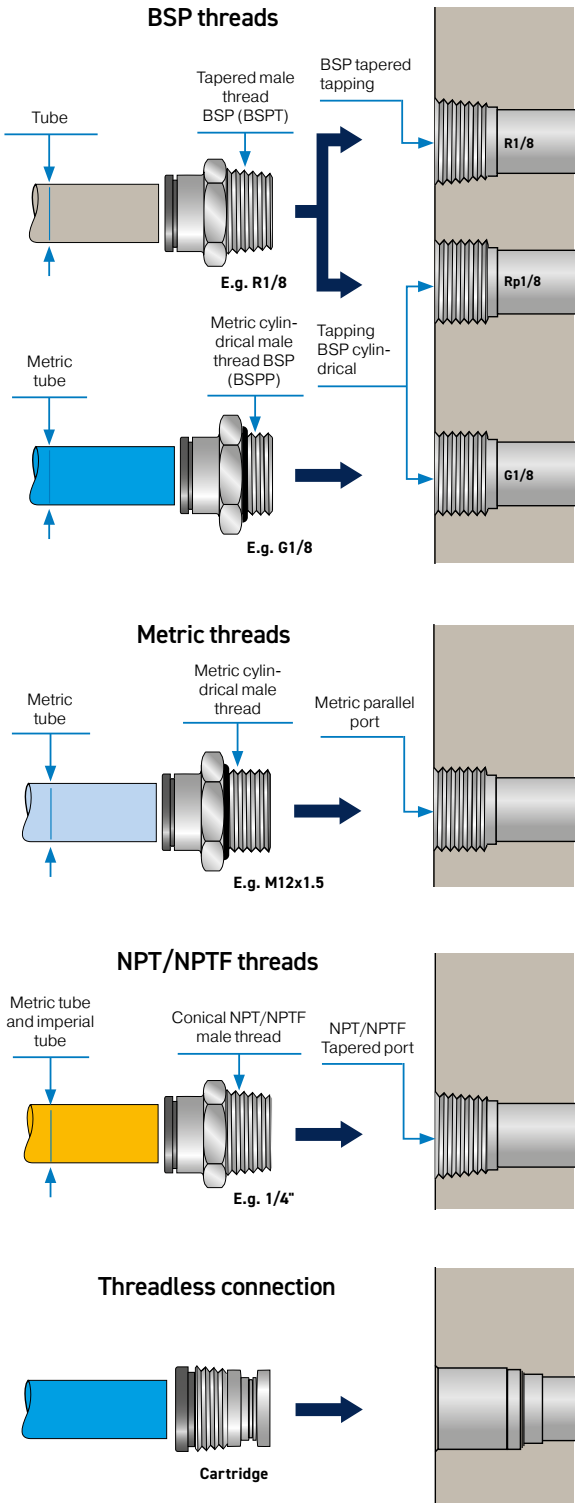
Legris push-in fittings are designed to withstand a variety of applications conditions.

Here you will find recommended products for conveying air and water according to specific usage requirements.



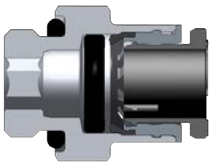
HOW TO CHOOSE YOUR LEGRIS FITTING

How should you install your fitting?



Are you familiar with the fastening technology featured in every Legris range of fittings?

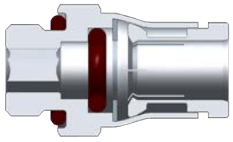
Gripping ring technology



LF 3000®
LF 6000
LF 6800

- No pumping effect
- Ideal for polymer tubes
- Particularly compact

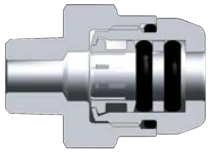
Collet technology



LF 3600
LF 3800

- Robust solution for harsh environments
- Resistant to high pressure, very good endurance
- Ideal for grooved metal tubes

Reverse collet technology



LF 6100

- Accidental disconnection impossible
- Can withstand high pressures
- Double sealing

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Which fitting connects best to your tube?

To guarantee optimal sealing performance, Legris push-in fittings and tubes have been developed together. The table opposite shows our recommendations for tube/fitting combinations.

Find the characteristics of our tubes in Chapter 6.

Fitting	Tube
LF 3000®	Polyamide (PA) Polyurethane (PU)
LF 6000	Advanced Polyethylene (APE)
LF 3600	Polyamide (PA) Fluoropolymer (FEP) Spark-resistant PA/PU Anti-static PU
LF 3800	Fluorinated Ethylene Propylene (FEP) Perfluoroalkoxy (PFA)
LF 6100	Rigid polyamide (PA) Metal tubes
LF 6800	Polyurethane (PU.G) Perfluoroalkoxy (PFA)

Part number identification

Part numbers are chosen according to a mnemonic code.
Each fitting is identified by:
- item type (4 digits);
- the nominal diameter of the tube (2 digits) corresponds to the external diameter of the tube;
- the thread code. If the product does not have a thread, the code used is 00.

3101 **06** **10**

Item type

Body

Designation	Code
Stud fitting	01/75
Equal elbow	02
Stud Run Tee	03/93
Equal tee	04
Stud Branch Tee	08/98
Tube-to-Tube connector	06
Banjo	18/24
Y equal	40

Nominal diameter

= outer diameter of the tube

Metric	Code
3 mm	03
4 mm	04
6 mm	06
.../...	
16 mm	16

Inches	Code
1/8"	53
1/4"	56
3/8"	60
1/2"	62

Thread code

BSP threading	Code
1/8"	10
1/4"	13
3/8"	17
1/2"	21
3/4"	27

NPT/NPTF threads	Code
1/16"	08
1/8"	11
1/4"	14
3/8"	18
1/2"	22

Metric threading	Code
M3x0.5	09
M5x0.8	19
M6x1	52
M7x1	55
M8x1	56
M8x1.25	57
M10x1	60
M10x1.5	62
M12x1	65
M12x1.5	67

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PUSH-IN FITTINGS

LEGRIS LF 3000®

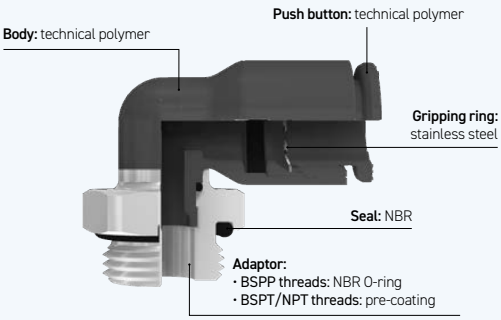
Ideal fitting for pneumatic applications in standard industrial environments. Invented by Legris in the 1960s, push-in fitting technology provides a **reliable and easy-to-use connection for increased productivity**.

Technical specifications

- **Fluids:** compressed air and neutral gases
- **Operating pressure:** 10^{-2} millibar to 20 bar
- **Operating temperature:** -20°C to +80°C
- **Diameter:** 3 to 16 mm – 1/8" to 1/2"
- **Regulations:** RoHS, REACh, ISO 14743, PED

Performance depends on the fluids, materials and tube used.

Component materials



Benefits

Proven push-in connection technology:

- **Robust gripping ring,** tested for endurance without failure over more than 229 million cycles *(test carried out in accordance with ISO 19973)*.
- **Patented nitrile seal (NBR):** the specific shape of the seal reduces connection forces and improves sealing without a pumping effect for both static and dynamic use.
- **Technical polymer reinforced** with fibreglass for improved mechanical and chemical resistance.

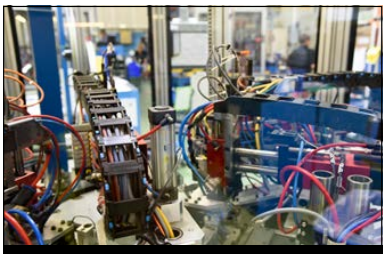
Compact solutions to optimise space:

- **Developed to fit into confined spaces**, this design allows for installation without compromising on performance.
- **Includes banjos** that facilitate access and maintenance.

Multiple shapes and sizes for flexible configurations:

- **Over 20 shapes and 8 diameters.**
- **Specific features available:** 360° swivel banjo fittings and oscillating fittings.

Recommended applications



Numerous configurations to optimise pneumatic automation circuits

Reliable for withstanding numerous pressure cycles in packaging processes

Perfectly suited for vacuum used in gripping applications

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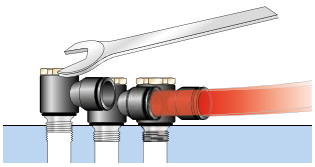
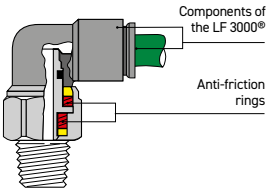
Parker offers **3 versions in the Legris LF 3000® range**

▶ Banjo fittings

Legris LF 3000® banjo fittings can be screwed in from above, making them easy to install in confined spaces, and offer 360° orientation for flexible positioning.

By stacking two or three bodies using a single screw, a wide variety of configurations are possible, including combining different tube diameters.



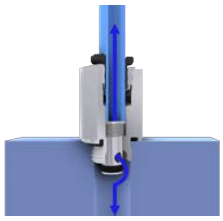


▶ Swivel fittings

Equipped with anti-friction rings, the fittings rotate when the cylinder is in motion. This eliminates the risk of tube pinching and improves the mechanical integrity and longevity of the fitting-tube assembly.

▶ Self-sealing fittings

Push-in fittings equipped with a valve that closes automatically when the tube is removed, preventing any air leakage — ideal solution when the circuit pressure cannot be shut off.



Installation guide

LF3000® fittings

	Threads									
Maximum tightening torque (daN.m)	M3x0.5	M5x0.8	M7x1	M10x1	M12x1.5	G1/8	G1/4	G3/8	G1/2	G3/4
	0.06	0.16	0.8	0.8	1.1	0.8	1.2	3	3.5	5

Banjo fittings

	Threads					
Torque for tightening (daN.m)	M3x0.5	M5x0.8	G1/8	G1/4	G3/8	G1/2
	0.05	0.1	0.4	0.5	0.6	0.7

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3175
Stud Fitting, Male BSPT Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	3175 04 10
	R1/4	3175 04 13
	R3/8	3175 04 17
6	R1/8	3175 06 10
	R1/4	3175 06 13
	R3/8	3175 06 17
	R1/2	3175 06 21
8	R1/8	3175 08 10
	R1/4	3175 08 13
	R3/8	3175 08 17
	R1/2	3175 08 21
10	R1/8	3175 10 10
	R1/4	3175 10 13
	R3/8	3175 10 17
	R1/2	3175 10 21
12	R1/4	3175 12 13
	R3/8	3175 12 17
	R1/2	3175 12 21
14	R3/8	3175 14 17
	R1/2	3175 14 21
16	R3/8	3175 16 17
	R1/2	3175 16 21

Inch

ØD	C	References
1/8	R1/8	3175 53 10
3/16	R1/8	3175 55 10
	R1/4	3175 55 13
1/4	R1/8	3175 56 10
	R1/4	3175 56 13
3/8	R1/4	3175 60 13
	R3/8	3175 60 17
	R1/2	3175 60 21
1/2	R1/4	3175 62 13
	R3/8	3175 62 17
	R1/2	3175 62 21

Pre-coated thread

3175
Stud Fitting, Male NPT Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
6	NPT1/8	3175 06 11
	NPT1/4	3175 06 14
10	NPT1/4	3175 10 14
	NPT3/8	3175 10 18
	NPT1/2	3175 10 22
12	NPT3/8	3175 12 18
	NPT1/2	3175 12 22

Inch

ØD	C	References
1/8	NPT1/8	3175 53 11
	NPT1/4	3175 53 14
1/4	NPT1/8	3175 56 11
	NPT1/4	3175 56 14
	NPT3/8	3175 56 18
3/8	NPT1/8	3175 60 11
	NPT1/4	3175 60 14
	NPT3/8	3175 60 18
1/2	NPT3/8	3175 62 18
	NPT1/2	3175 62 22

Pre-coated thread

3114
Stud Fitting, Female BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	3114 04 19
	G1/8	3114 04 10
	G1/4	3114 04 13
6	G1/8	3114 06 10
	G1/4	3114 06 13
8	G1/8	3114 08 10
	G1/4	3114 08 13
	G3/8	3114 08 17
10	G1/4	3114 10 13
	G3/8	3114 10 17
	G1/2	3114 10 21
12	G3/8	3114 12 17
	G1/2	3114 12 21
14	G3/8	3114 14 17
16	G1/2	3114 16 21

3101
Stud Fitting, Male BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
3	M3x0.5	3101 03 09*
	M5x0.8	3101 03 19
4	M3x0.5	3101 04 09*
	M5x0.8	3101 04 19
	M7x1	3101 04 55
	G1/8	3101 04 10
	G1/4	3101 04 13
6	M5x0.8	3101 06 19
	M7x1	3101 06 55
	M10x1	3101 06 60
	M12x1.5	3101 06 67
	G1/8	3101 06 10
	G1/4	3101 06 13
	G3/8	3101 06 17
	G1/2	3101 06 21
8	M10x1	3101 08 60
	M12x1.5	3101 08 67
	G1/8	3101 08 10
	G1/4	3101 08 13
	G3/8	3101 08 17
	G1/2	3101 08 21
10	G1/4	3101 10 13
	G3/8	3101 10 17
	G1/2	3101 10 21
12	G1/4	3101 12 13
	G3/8	3101 12 17
	G1/2	3101 12 21
14	G3/8	3101 14 17
	G1/2	3101 14 21
16	G3/8	3101 16 17
	G1/2	3101 16 21

*Bi-material seal

3181/3281
Stud Fitting Round Body, Male Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
3	M3x0.5	3281 03 09
	M5x0.8	3281 03 19
4	M5x0.8	3181 04 19
	M7x1	3181 04 55
6	M5x0.8	3181 06 19
	M7x1	3181 06 55

Thanks to its internal hexagon drive and its round external shape, the 3181 model enables very compact installations.

3109
Stud Elbow, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	3109 04 10
	R1/4	3109 04 13
	R3/8	3109 04 17
6	R1/8	3109 06 10
	R1/4	3109 06 13
	R3/8	3109 06 17
	R1/2	3109 06 21
8	R1/8	3109 08 10
	R1/4	3109 08 13
	R3/8	3109 08 17
	R1/2	3109 08 21
10	R1/8	3109 10 10
	R1/4	3109 10 13
	R3/8	3109 10 17
	R1/2	3109 10 21
12	R1/4	3109 12 13
	R3/8	3109 12 17
	R1/2	3109 12 21
14	R3/8	3109 14 17
	R1/2	3109 14 21
16	R3/8	3109 16 17
	R1/2	3109 16 21

Inch

ØD	C	References
1/8	R1/8	3109 53 10
5/32	R1/8	3109 04 10
	R1/4	3109 04 13
	R3/8	3109 04 17
1/4	R1/8	3109 56 10
	R1/4	3109 56 13
5/16	R1/8	3109 08 10
	R1/4	3109 08 13
	R3/8	3109 08 17
	R1/2	3109 08 21
3/8	R1/4	3109 60 13
	R3/8	3109 60 17
1/2	R1/2	3109 62 21

Pre-coated thread
The body swivels for positioning purposes

3129
Extended Stud Elbow, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	3129 04 10
	R1/4	3129 04 13
6	R1/8	3129 06 10
	R1/4	3129 06 13
8	R1/8	3129 08 10
	R1/4	3129 08 13
	R3/8	3129 08 17
10	R1/4	3129 10 13
	R3/8	3129 10 17
	R1/2	3129 10 21
12	R1/4	3129 12 13
	R3/8	3129 12 17
	R1/2	3129 12 21
14	R3/8	3129 14 17
	R1/2	3129 14 21

Pre-coated thread
The body swivels for positioning purposes

3109
Stud Elbow, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	NPT1/8	3109 04 11
	NPT1/4	3109 04 14
6	NPT1/8	3109 06 11
	NPT1/4	3109 06 14
8	NPT1/8	3109 08 11
	NPT1/4	3109 08 14
10	NPT1/4	3109 10 14
	NPT3/8	3109 10 18
	NPT1/2	3109 10 22
12	NPT1/2	3109 12 22

Inch

ØD	C	References
1/8	NPT1/8	3109 53 11
	NPT1/4	3109 53 14
5/32	NPT1/8	3109 04 11
1/4	NPT1/8	3109 56 11
	NPT1/4	3109 56 14
5/16	NPT1/8	3109 08 11
	NPT1/4	3109 08 14
3/8	NPT1/4	3109 60 14
	NPT3/8	3109 60 18
1/2	NPT3/8	3109 62 18
	NPT1/2	3109 62 22

Pre-coated thread
The body swivels for positioning purposes

3113
45° Elbow, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	3113 04 10
6	R1/8	3113 06 10
	R1/4	3113 06 13
8	R1/8	3113 08 10
	R1/4	3113 08 13
	R3/8	3113 08 17
10	R1/4	3113 10 13
	R3/8	3113 10 17
	R1/2	3113 10 21
12	R1/4	3113 12 13
	R3/8	3113 12 17
	R1/2	3113 12 21

Pre-coated thread
The body swivels for positioning purposes
This model prevents distortion of the tube.

3133
45° Elbow, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	3133 04 19
	G1/8	3133 04 10
6	M5x0.8	3133 06 19
	G1/8	3133 06 10
	G1/4	3133 06 13
8	G1/8	3133 08 10
	G1/4	3133 08 13
	G3/8	3133 08 17
10	G1/4	3133 10 13
	G3/8	3133 10 17
	G1/2	3133 10 21
12	G1/4	3133 12 13
	G3/8	3133 12 17
	G1/2	3133 12 21

The body swivels for positioning purposes
This model prevents distortion of the tube.

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3199/3299

Stud Elbow, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
3	M3x0.5	3199 03 09*
	M3x0.5	3299 03 09**
	M5x0.8	3199 03 19
	M5x0.8	3299 03 19**
4	M3x0.5	3199 04 09*
	M5x0.8	3199 04 19
	M7x1	3199 04 55
	G1/8	3199 04 10
	G1/4	3199 04 13
6	M5x0.8	3199 06 19
	M7x1	3199 06 55
	M10x1	3199 06 60
	M12x1.5	3199 06 67
	G1/8	3199 06 10
	G1/4	3199 06 13
	G3/8	3199 06 17
	G1/2	3199 06 21
8	M10x1	3199 08 60
	M12x1.5	3199 08 67
	G1/8	3199 08 10
	G1/4	3199 08 13
	G3/8	3199 08 17
	G1/2	3199 08 21
10	G1/4	3199 10 13
	G3/8	3199 10 17
	G1/2	3199 10 21
12	G1/4	3199 12 13
	G3/8	3199 12 17
	G1/2	3199 12 21
14	G3/8	3199 14 17
	G1/2	3199 14 21
16	G3/8	3199 16 17
	G1/2	3199 16 21

The body swivels for positioning purposes
*Bi-material seal
**LF 3200 in nickel-plated brass, NBR, PTFE ring

3169

Extended Stud Elbow, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	3169 04 19
	G1/8	3169 04 10
	G1/4	3169 04 13
6	M5x0.8	3169 06 19
	M7x1	3169 06 55
	G1/8	3169 06 10
	G1/4	3169 06 13
8	G1/8	3169 08 10
	G1/4	3169 08 13
	G3/8	3169 08 17
10	G1/4	3169 10 13
	G3/8	3169 10 17
	G1/2	3169 10 21
12	G1/4	3169 12 13
	G3/8	3169 12 17
	G1/2	3169 12 21
14	G3/8	3169 14 17
	G1/2	3169 14 21
16	G3/8	3169 16 17
	G1/2	3169 16 21

The body swivels for positioning purposes

3192

Stud Elbow, Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	3192 04 10
	G1/4	3192 04 13
6	G1/8	3192 06 10
	G1/4	3192 06 13
8	G1/8	3192 08 10
	G1/4	3192 08 13
	G3/8	3192 08 17
10	G1/4	3192 10 13
	G3/8	3192 10 17
	G1/2	3192 10 21
12	G1/4	3192 12 13
	G3/8	3192 12 17
	G1/2	3192 12 21

The body swivels for positioning purposes

3108

Stud Branch Tee, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	3108 04 10
	R1/4	3108 04 13
6	R1/8	3108 06 10
	R1/4	3108 06 13
8	R1/8	3108 08 10
	R1/4	3108 08 13
	R3/8	3108 08 17
10	R1/4	3108 10 13
	R3/8	3108 10 17
	R1/2	3108 10 21
12	R1/4	3108 12 13
	R3/8	3108 12 17
	R1/2	3108 12 21
14	R3/8	3108 14 17
	R1/2	3108 14 21
16	R3/8	3108 16 17
	R1/2	3108 16 21

Pre-coated thread
The body swivels for positioning purposes

3198/3298

Stud Branch Tee, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
3	M3x0.5	3298 03 09*
	M5x0.8	3298 03 19*
4	M5x0.8	3198 04 19
	G1/8	3198 04 10
	G1/4	3198 04 13
6	M5x0.8	3198 06 19
	G1/8	3198 06 10
	G1/4	3198 06 13
8	G1/8	3198 08 10
	G1/4	3198 08 13
	G3/8	3198 08 17
10	G1/4	3198 10 13
	G3/8	3198 10 17
	G1/2	3198 10 21
12	G1/4	3198 12 13
	G3/8	3198 12 17
	G1/2	3198 12 21
14	G3/8	3198 14 17
	G1/2	3198 14 21
16	G3/8	3198 16 17
	G1/2	3198 16 21

The body swivels for positioning purposes
*LF 3200 in nickel-plated brass, NBR, PTFE ring

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3103
Stud Run Tee, BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	3103 04 10
	R1/4	3103 04 13
6	R1/8	3103 06 10
	R1/4	3103 06 13
8	R1/8	3103 08 10
	R1/4	3103 08 13
	R3/8	3103 08 17
10	R1/4	3103 10 13
	R3/8	3103 10 17
	R1/2	3103 10 21
12	R1/4	3103 12 13
	R3/8	3103 12 17
	R1/2	3103 12 21
14	R1/2	3103 14 21
16	R1/2	3103 16 21

Pre-coated thread
The body swivels for positioning purposes

3158
Y Piece, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	3158 04 19
6	M5x0.8	3158 06 19
	G1/8	3158 06 10
	G1/4	3158 06 13
8	G1/8	3158 08 10
	G1/4	3158 08 13
	G3/8	3158 08 17
10	G1/4	3158 10 13
	G3/8	3158 10 17
	G1/2	3158 10 21
12	G3/8	3158 12 17
	G1/2	3158 12 21

The body swivels for positioning purposes

3144
Equal and Unequal Multiple Y Piece

Technical polymer, NBR

Scan for more dimensions

ØD	ØD1	References
4	4	3144 04 04
	6	3144 04 06
6	6	3144 06 06
	8	3144 06 08

3193/3293
Stud Run Tee, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
3	M5x0.8	3293 03 19
4	M5x0.8	3193 04 19
	G1/8	3193 04 10
	G1/4	3193 04 13
6	M5x0.8	3193 06 19
	G1/8	3193 06 10
	G1/4	3193 06 13
8	G1/8	3193 08 10
	G1/4	3193 08 13
	G3/8	3193 08 17
10	G1/4	3193 10 13
	G3/8	3193 10 17
	G1/2	3193 10 21
12	G1/4	3193 12 13
	G3/8	3193 12 17
	G1/2	3193 12 21
14	G3/8	3193 14 17
	G1/2	3193 14 21
16	G3/8	3193 16 17
	G1/2	3193 16 21

The body swivels for positioning purposes

3132
Double Y, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/4	3132 04 13
6	G1/4	3132 06 13

The body swivels for positioning purposes

3148
Y Piece, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	3148 04 10
	R1/4	3148 04 13
6	R1/8	3148 06 10
	R1/4	3148 06 13
8	R1/8	3148 08 10
	R1/4	3148 08 13
	R3/8	3148 08 17
10	R1/4	3148 10 13
	R3/8	3148 10 17
	R1/2	3148 10 21
12	R3/8	3148 12 17
	R1/2	3148 12 21

Pre-coated thread
The body swivels for positioning purposes

3143
Multiple Plug-In Y Piece

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD1	ØD2	References
4	6	3143 04 06
	8	3143 04 08
6	8	3143 06 08

3106/3206

Equal and Unequal Tube-to-Tube Connector

Technical polymer, NBR

Scan for more dimensions

ØD	ØD1	References
3	3	3106 03 00
		3206 03 00*
	4	3106 03 04
4	1/4	3106 04 56
	4	3106 04 00
	6	3106 04 06
	8	3106 04 08
6	1/4	3106 06 56
	6	3106 06 00
	8	3106 06 08
	10	3106 06 10
8	8	3106 08 00
	10	3106 08 10
	12	3106 08 12
10	10	3106 10 00
	12	3106 10 12
12	1/2	3106 12 62
	12	3106 12 00
	14	3106 12 14
	16	3106 12 16
14	14	3106 14 00
16	16	3106 16 00

* LF 3200 in Nickel-plated brass, NBR

Inch

ØD	ØD1	References
5/32	5/32	3106 04 00
1/4	1/4	3106 56 00
5/16	8	3106 08 00
3/8	3/8	3106 60 00
	10	3106 60 10
	1/4	3106 60 56
1/2	1/2	3106 62 00

3102/3202

Equal and Unequal Elbow

Technical polymer, NBR

Scan for more dimensions

ØD	ØD1	References
4	3	3202 03 00*
	4	3102 04 00
	6	3102 04 06
6	6	3102 06 00
	8	3102 06 08
8	8	3102 08 00
	10	3102 08 10
10	10	3102 10 00
	12	3102 10 12
12	12	3102 12 00
14	14	3102 14 00
16	16	3102 16 00

Inch

ØD	ØD1	References
5/32	5/32	3102 04 00
1/4	1/4	3102 56 00
5/16	5/16	3102 06 00
3/8	3/8	3102 60 00
1/2	1/2	3102 62 00

*LF 3200 in Nickel-plated brass, NBR

3104/3204

Equal and Unequal Tee

Technical polymer, NBR

Scan for more dimensions

ØD	ØD1	References
3	3	3104 03 00
4	3	3204 03 00*
	4	3104 04 00
	6	3104 04 06
6	4	3104 06 04
	6	3104 06 00
	8	3104 06 08
8	4	3104 08 04
	6	3104 08 06
	8	3104 08 00
	10	3104 08 10
10	4	3104 10 04
	8	3104 10 08
	10	3104 10 00
	12	3104 10 12
12	4	3104 12 04
	10	3104 12 10
	12	3104 12 00
14	8	3104 14 08
	14	3104 14 00
16	12	3104 16 12
	16	3104 16 00

* LF 3200 in Nickel-plated brass, NBR

Inch

ØD	ØD1	References
5/32	5/32	3104 04 00
1/8	1/8	3104 53 00
1/4	1/4	3104 56 00
	1/8	3104 56 53
5/16	5/16	3104 08 00
3/8	1/4	3104 60 56
	3/8	3104 60 00
1/2	1/2	3104 62 00
	3/8	3104 62 60

3140

Equal and Unequal Single Y Piece

Technical polymer, NBR

Scan for more dimensions

ØD	ØD1	References
4	4	3140 04 00
	6	3140 04 06
6	6	3140 06 00
	8	3140 06 08
8	8	3140 08 00
	10	3140 08 10
10	10	3140 10 00
	12	3140 10 12
12	12	3140 12 00

3107

Equal and Unequal Cross

Technical polymer, NBR

Scan for more dimensions

ØD	ØD1	ØD2	References
4	4	4	3107 04 00
6	4	6	3107 04 06
4	4	6	3107 06 04
6	6	6	3107 06 00
8	6	8	3107 06 08
6	6	8	3107 08 06
8	8	8	3107 08 00

3304
Multiple Tee

Technical polymer, NBR

Scan for more dimensions

ØD1	ØD2	References
6	4	3304 06 04
8	4	3304 08 04
	6	3304 08 06
10	6	3304 10 06
	8	3304 10 08

3306
90° Multiple Elbow

Technical polymer, NBR

Scan for more dimensions

ØD1	ØD2	References
6	4	3306 06 04
8	4	3306 08 04
	6	3306 08 06
10	6	3306 10 06
	8	3306 10 08

3166/3266
Plug-In Reducer

Technical polymer, NBR

Scan for more dimensions

ØD1	ØD2	References
3	4	3166 03 04
		3266 03 04*
4	6	3166 04 06
	8	3166 04 08
	10	3166 04 10
6	8	3166 06 08
	10	3166 06 10
	12	3166 06 12
	14	3166 06 14
8	10	3166 08 10
	12	3166 08 12
	14	3166 08 14
10	12	3166 10 12
12	14	3166 12 14

* LF 3200 in nickel-plated brass

3168
Plug-In Increaser

Technical polymer, NBR

Scan for more dimensions

ØD1	ØD2	References
6	4	3168 06 04
8	6	3168 08 06
	1/4	3168 08 56
10	8	3168 10 08
12	10	3168 12 10

3121
Stud Standpipe, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	3121 04 10
6	R1/8	3121 06 10
	R1/4	3121 06 13
8	R1/8	3121 08 10
	R1/4	3121 08 13
10	R1/4	3121 10 13
	R3/8	3121 10 17
12	R3/8	3121 12 17

Pre-coated thread

3131
Stud Standpipe, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	3131 04 19
	G1/8	3131 04 10
6	G1/8	3131 06 10
	G1/4	3131 06 13
8	G1/8	3131 08 10
	G1/4	3131 08 13
	G3/8	3131 08 17
10	G1/4	3131 10 13
	G3/8	3131 10 17
	G1/2	3131 10 21
12	G1/2	3131 12 21
14	G1/2	3131 14 21

3180
45° Plug-In Equal Elbow

Technical polymer, NBR

Scan for more dimensions

ØD1	ØD2	References
4	4	3180 04 00
6	6	3180 06 00
8	8	3180 08 00
10	10	3180 10 00
12	12	3180 12 00

3184
Extended Equal and Unequal Plug-In Elbow

Technical polymer, NBR

Scan for more dimensions

ØD1	ØD2	References
4	4	3184 04 00
	6	3184 04 06
6	6	3184 06 00
	8	3184 06 08
8	8	3184 08 00
	10	3184 08 10
10	10	3184 10 00
	12	3184 10 12
12	12	3184 12 00

The Ø4 and Ø 12 versions are not grooved as standard.

3182
Equal and Unequal Plug-In Elbow

Technical polymer, NBR

Scan for more dimensions

ØD1	ØD2	References
4	4	3182 04 00
	6	3182 04 06
6	4	3182 06 04
	6	3182 06 00
	8	3182 06 08
8	8	3182 08 00
	10	3182 08 10
10	10	3182 10 00
	12	3182 10 12
12	12	3182 12 00

The Ø4 and Ø 12 versions are not grooved as standard.

Inch

ØD1	ØD2	References
1/4	1/4	3182 56 00
3/8	3/8	3182 60 00
5/32	5/32	3182 04 00
1/4	1/4	3182 56 00
5/16	5/16	3182 08 00
3/8	3/8	3182 60 00

3183
Equal and Unequal Plug-In Run Tee

Technical polymer, NBR

Scan for more dimensions

ØD1	ØD2	References
4	4	3183 04 00
	6	3183 04 06
6	6	3183 06 00
	8	3183 06 08
8	8	3183 08 00
	10	3183 08 10
10	10	3183 10 00
12	12	3183 12 00

3188
Equal and Unequal Plug-In Branch Tee

Technical polymer, NBR

Scan for more dimensions

ØD1	ØD2	References
4	4	3188 04 00
	6	3188 04 06
6	6	3188 06 00
	8	3188 06 08
8	8	3188 08 00
	10	3188 08 10
10	10	3188 10 00
	12	3188 10 12
12	12	3188 12 00

3142
Equal and Unequal Plug-In Single Y Piece

Technical polymer, NBR

Scan for more dimensions

ØD1	ØD2	References
4	4	3142 04 00
	6	3142 04 06
6	6	3142 06 00
	8	3142 06 08
8	8	3142 08 00
	10	3142 08 10
10	10	3142 10 00
	12	3142 10 12
12	12	3142 12 00

3120
Stem Connector

Technical polymer, NBR

Scan for more dimensions

ØD	References
4	3120 04 00
6	3120 06 00
8	3120 08 00
10	3120 10 00
12	3120 12 00
14	3120 14 00

3122
Plug-In Barb Connector

Technical polymer, NBR

Scan for more dimensions

ØD1	I.D. tube	References
4	3.2	3122 04 53
	5	3122 04 05
6	5	3122 06 05
8	6.3	3122 08 56
	8	3122 08 08
10	6.3	3122 10 56
	8	3122 10 08
12	8	3122 12 08
	10	3122 12 10
	12.5	3122 12 62
14	12.5	3122 14 62

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3116
Equal Bulkhead Connector

Technical polymer, NBR

Scan for more dimensions

ØD	References
4	3116 04 00
6	3116 06 00
8	3116 08 00
10	3116 10 00
12	3116 12 00
14	3116 14 00

3136
Bulkhead Connector, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	3136 04 10
	G1/4	3136 04 13
6	G1/8	3136 06 10
	G1/4	3136 06 13
	G3/8	3136 06 17
8	G1/8	3136 08 10
	G1/4	3136 08 13
10	G3/8	3136 10 17
12	G3/8	3136 12 17
	G1/2	3136 12 21
16	G3/8	3136 16 17*
	G1/2	3136 16 21*

* Nickel plated nut

3139
Equal Bulkhead Elbow

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	References
4	3139 04 00
6	3139 06 00
8	3139 08 00
10	3139 10 00
12	3139 12 00
14	3139 14 00

The body swivels for positioning purposes

3146
Equal Mixed Bulkhead Connector

Nickel-plated brass, NBR

Scan for more dimensions

ØD	References
4	3146 04 00
6	3146 06 00
8	3146 08 00
10	3146 10 00
12	3146 12 00
14	3146 14 00

Combination of a push-in fitting and a compression fitting.

3126
Blanking Plug

Technical polymer, NBR

Scan for more dimensions

ØD	References
3	3126 03 00
4	3126 04 00
6	3126 06 00
8	3126 08 00
10	3126 10 00
12	3126 12 00
14	3126 14 00
16	3126 16 00*

*Nickel-plated brass

Inch

ØD	References
5/32	3126 04 00
1/4	3126 56 00
5/16	3126 08 00
3/8	3126 60 00
1/2	3126 62 00

3151
End Cap

Technical polymer, NBR

Scan for more dimensions

ØD	References
4	3151 04 00
6	3151 06 00
8	3151 08 00
10	3151 10 00
12	3151 12 00
14	3151 14 00

Banjos LF3000® Fittings

3018
Single Banjo, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
6	R1/8	3018 06 10
	R1/4	3018 06 13
8	R1/8	3018 08 10
	R1/4	3018 08 13
10	R1/4	3018 10 13
	R3/8	3018 10 17
12	R1/4	3018 12 13
	R3/8	3018 12 17

Pre-coated thread

3118
Single Banjo, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
3	M3x0.5	3118 03 09*
4	M5x0.8	3118 04 19*
	G1/8	3118 04 10
6	M5x0.8	3118 06 19*
	G1/8	3118 06 10
	G1/4	3118 06 13
8	G1/8	3118 08 10
	G1/4	3118 08 13
	G3/8	3118 08 17
10	G1/4	3118 10 13
	G3/8	3118 10 17
	G1/2	3118 10 21
12	G3/8	3118 12 17
	G1/2	3118 12 21

* With screwdriver slot

3218
Single Banjo, Male Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
3	M3x0.5	3218 03 09
	M5x0.8	3218 03 19

3149
Twin Banjo, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	3149 04 19*
	G1/8	3149 04 10
6	G1/8	3149 06 10
	G1/4	3149 06 13
8	G1/4	3149 08 13
	G3/8	3149 08 17
10	G3/8	3149 10 17

* With screwdriver slot

3119
Double Banjo, BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	3119 04 19*
6	G1/8	3119 06 10
	G1/4	3119 06 13
8	G1/4	3119 08 13
	G3/8	3119 08 17

* With screwdriver slot

3124
Single Banjo, Male/Female BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	3124 04 10
6	G1/4	3124 06 13
8	G3/8	3124 08 17

This product family was developed to allow assembly of a function fitting on a cylinder.

3538
Single Banjo Bodies

Technical polymer, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	3538 04 19
	G1/8	3538 04 10
6	M5x0.8	3538 06 19
	G1/8	3538 06 10
	G1/4	3538 06 13
8	G1/8	3538 08 10
	G1/4	3538 08 13
	G3/8	3538 08 17
10	G1/4	3538 10 13
	G3/8	3538 10 17
12	G3/8	3538 12 17

3549
Twin Banjo Bodies

Technical polymer, NBR

Scan for more dimensions

ØD	C	References
4	G1/4	3549 04 13
6	G1/8	3549 06 10
	G1/4	3549 06 13
	G3/8	3549 06 17
8	G1/4	3549 08 13
	G3/8	3549 08 17
10	G3/8	3549 10 17

3539
Double Banjo Bodies

Technical polymer, NBR

Scan for more dimensions

ØD	C	References
6	G1/8	3539 06 10
	G1/4	3539 06 13
8	G1/4	3539 08 13

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3527

Single Banjo Bolts, Male BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

C	References
M5x0.8	3527 00 19*
G1/8	3527 00 10
G1/4	3527 00 13
G3/8	3527 00 17

* With screwdriver slot

3524

Threaded Banjo Bolts, Male/Female BSPP

Nickel-plated brass, NBR

Scan for more dimensions

C	References
G1/8	3524 00 10
G1/4	3524 00 13
G3/8	3524 00 17
G1/2	3524 00 21

3528

Stacking Banjo for 2 Body High Modules, Male BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

C	References
M5x0.8	3528 00 19*
G1/8	3528 00 10
G1/4	3528 00 13
G3/8	3528 00 17

* With screwdriver slot

3529

Stacking Banjo for 3 Body High Modules, Male BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

C	References
G1/8	3529 00 10
G1/4	3529 00 13
G3/8	3529 00 17

Installation Guide

1. Remove the O-ring
2. Insert the banjo body with the chamfer oriented upwards (see detail view)
3. Reinstall the O-ring

Legris LF 3000® Oscillating Fittings

3159

Oscillating Elbow, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	3159 04 10
6	R1/8	3159 06 10
	R1/4	3159 06 13
8	R1/8	3159 08 10
	R1/4	3159 08 13
	R3/8	3159 08 17
10	R1/4	3159 10 13
	R3/8	3159 10 17
12	R1/4	3159 12 13
	R3/8	3159 12 17

Pre-coated thread

3189

Oscillating Elbow, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	3189 04 19
	G1/8	3189 04 10
6	M5x0.8	3189 06 19
	G1/8	3189 06 10
	G1/4	3189 06 13
8	G1/8	3189 08 10
	G1/4	3189 08 13
	G3/8	3189 08 17
10	G1/4	3189 10 13
	G3/8	3189 10 17
12	G1/4	3189 12 13
	G3/8	3189 12 17

Legris LF 3000® Self-Sealing Fittings

3091

Self-Sealing Stud Fitting, Male BSPT Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	3091 04 10
6	R1/8	3091 06 10
8	R1/8	3091 08 10
	R1/4	3091 08 13

Maximum operating pressure: 10 bar.

3160

Self-Sealing Plug-In Fitting

Technical polymer, NBR

Scan for more dimensions

ØD	References
4	3160 04 00
6	3160 06 00
8	3160 08 00

Maximum operating pressure: 10 bar.

3391

Self-Sealing Stud Fitting, Male BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	3391 04 10
6	G1/8	3391 06 10
8	G1/8	3391 08 10
	G1/4	3391 08 13
10	G3/8	3391 10 17

Maximum operating pressure: 10 bar.

PUSH-IN FITTINGS

LEGRIS LF 3000® PLUG-IN CONNECTORS

Legris LF 3000® Plug-In Connectors are designed to connect and disconnect a bundle of tubes simultaneously without risk of error, thus facilitating maintenance.

Technical specifications

- **Fluids:** compressed air and neutral gases
- **Operating pressure:** 10^{-2} millibar to 10 bar
- **Operating temperature:** -20°C to +80°C
- **Diameter:** 4 to 8 mm
- **Regulations:** RoHS, REACh, ISO 14743, PED

Performance depends on the fluids, materials and tube used.

Benefits

- **Reduced connection space** to a minimum of 12 tubes.
- **Prevents assembly errors:** each tube outlet is numbered to facilitate installation. A positioning pin prevents assembly errors.
- **3 solutions:** modular in-line fitting, cylindrical fitting or DIN rail terminal block.

Panel mounted Multi-connectors

The two common uses for this product are:

1- Fixing one half to a machine or through a partition, allowing the other half to be assembled or disassembled for maintenance. Often, when transporting machinery, air hoses are disconnected, and this connection provides a foolproof method of reconnecting them in place.

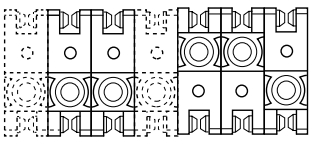
2- The use of the inline fitting allows long lengths of tubing to be joined together, which must be disconnected periodically.

It is advisable to limit the length of the mobile unit to five fittings.
The fixed portion is not limited.

Connector customisation

By reversing the module units during installation, it is possible to "offset" them so that they cannot be inadvertently connected in the wrong direction.

Contents of a box:
10 hermaphroditic modules
20 assembly pins and 4 end pins
4 fixing brackets
4 coupler clips
1 removal fork



Standard assembly | Custom assembly

Recommended applications

Quick method for connecting several tubes in line on a pneumatic installation

3300

Modular Plug-In Connector

Technical polymer, NBR

Scan for more dimensions

ØD	References
4	3300 04 00
6	3300 06 00
8	3300 08 00

Clearance hole for Ø3 mm screw

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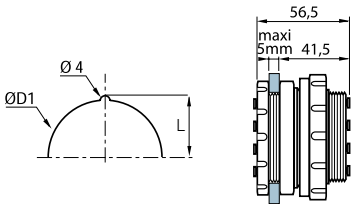
Cylindrical multi-connector

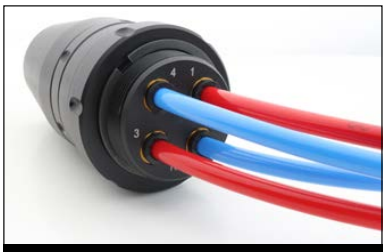
This range is particularly suitable for partition wall crossings. A protective cover guides the tubes and protects the connections.



Overall dimensions of the bulkhead multi-connector

Number of tube outlets	L	ØD1
2	17	32.5
4-7	21	40.5
12	30.3	58.5

Recommended applications



Cylindrical multi-connector for mounting on a partition in industrial equipment

3320
Multi-Connector Male Screw Body

Technical polymer, NBR

Scan for more dimensions

ØD	C	C1	References
4	M46x1.5	M40x1.5	3320 04 00 04
	M46x1.5	M40x1.5	3320 04 00 07
	M65x1.5	M58x1.5	3320 04 00 12
6	M46x1.5	M40x1.5	3320 06 00 04
	M46x1.5	M40x1.5	3320 06 00 07

The number of male body outlets must correspond to the same number of outlets on the female body.

3321
Multi-Connector Female Screw Body

Technical polymer, NBR

Scan for more dimensions

ØD	C	C1	References
4	M46x1.5	M40x1.5	3321 04 00 04
	M46x1.5	M40x1.5	3321 04 00 07
	M65x1.5	M58x1.5	3321 04 00 12
6	M46x1.5	M40x1.5	3321 06 00 04
	M46x1.5	M40x1.5	3321 06 00 07

The number of female body outlets must correspond to the same number of outlets on the male body.

3329
Multi-Connector Screw Cap

Technical polymer

Scan for more dimensions

C	References
M40x1.5	3329 00 02
M58x1.5	3329 00 03

Multi-connector terminal block on DIN rail

Identification of tubes

Slots are provided to accommodate label holders, allowing the tubes to be identified.

Pressure indicator

Being able to detect the presence of air is an important consideration when maintaining pneumatic systems.

Legris terminal blocks incorporate pressure indicators that spring back after being pressed manually, indicating the presence of air in the system.

Recommended applications

Mounting terminal blocks on a standard DIN rail with visible pressure indicator

3379
DIN Rail Connector for 2 Tubes

Technical polymer, NBR

Scan for more dimensions

ØD	References
4	3379 04 00
6	3379 06 00
8	3379 08 00

Pressure indicator for the system.

3381
DIN Rail Connector for 3 Tubes

Technical polymer, NBR

Scan for more dimensions

ØD	References
4	3381 04 00
6	3381 06 00
8	3381 08 00

Pressure indicator for the system.

LEGRIS LF 6000 LIQUIFIT®

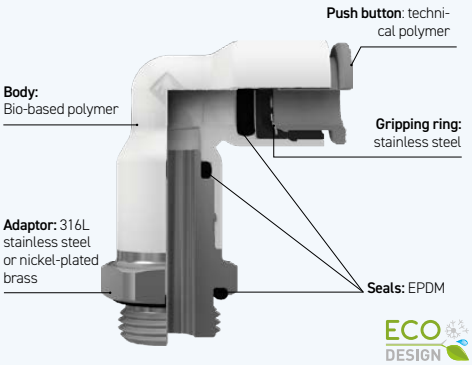
Recommended for water transfer applications, the **LF 6000 LIQUIfit® range** guarantees reliable and compact connections. Manufactured from high-performance bio-based polymer, these fittings contribute to the use of non-fossil resources, thereby preserving the environment.

Technical specifications

- **Fluid:** industrial water, treated water with or without glycol.
- **Operating pressure:** 1 to 16 bar
- **Operating temperature:** -40 °C to +95 °C
- **Diameter:** 4 to 16 mm – 1/4" to 1/2"
- **Regulations:** RoHS, REACh, FDA, CE N° 1935/2004

Performance depends on the fluids, materials and tube used.

Component materials



Benefits

- **High performance for complete peace of mind:** very high level of watertightness with the lowest pumping effect on the market at only 0.2 mm.
- **Compact product:** 20 to 40% more compact than competitors.
- **Robust**: suitable for demanding cooling and industrial applications thanks to 316L stainless steel and nickel-plated brass adaptors.
- **Reliable for maintaining the integrity of the conveyed fluid:** inert polymer free of bisphenol and phtalates, protecting the fluid from any migration of hazardous particles.
- **Environmentally friendly:** sustainable product using a bio-based polymer that generates five times less CO^2 during its life cycle.

Recommended applications

Guaranteed watertightness for liquid cooling (energy conversion & storage)

Optimal compatibility with coolants for industrial applications

Safe solution for water purification

Installation guide

Maximum tightening torque (daN.m)	M5x0.8	G1/8	G1/4	G3/8	G1/2	G3/4
	0.16	0.8	1.2	3	3.5	5

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6975

Stud Fitting, Male BSPT Thread

Stainless steel 316L, EPDM

Scan for more dimensions

ØD	C	References
6	R1/8	6975 06 10
	R1/4	6975 06 13
8	R1/8	6975 08 10
	R1/4	6975 08 13
10	R1/4	6975 10 13
	R1/2	6975 10 21
12	R3/8	6975 12 17
	R1/2	6975 12 21

6958

Stud Branch Tee, Male BSPP and Metric Thread

Bio-based polymer, stainless steel 316L, EPDM

Scan for more dimensions

ØD	C	References
4	G1/8	6958 04 10
6	G1/8	6958 06 10
8	G1/8	6958 08 10
10	G3/8	6958 10 17
12	G3/8	6958 12 17

The body swivels for positioning purposes

6989

Stud Elbow, Male BSPP and Metric Thread

Bio-based polymer, stainless steel 316L, EPDM

Scan for more dimensions

ØD	C	References
4	M5x0.8	6989 04 19
	G1/8	6989 04 10
	G1/4	6989 04 13
6	M5x0.8	6989 06 19
	G1/8	6989 06 10
	G1/4	6989 06 13
8	G1/8	6989 08 10
	G1/4	6989 08 13
	G3/8	6989 08 17
10	G1/4	6989 10 13
	G3/8	6989 10 17
12	G1/4	6989 12 13
	G3/8	6979 12 17
	G1/2	6979 12 21

The body swivels for positioning purposes

6911

Stud Fitting, Male BSPP and Metric Thread

Stainless steel 316L, EPDM

Scan for more dimensions

ØD	C	References
4	M5x0.8	6911 04 19
	G1/8	6911 04 10
6	M5x0.8	6911 06 19
	G1/8	6911 06 10
	G1/4	6911 06 13
8	G1/8	6911 08 10
	G1/4	6911 08 13
	G3/8	6911 08 17
10	G1/4	6911 10 13
	G3/8	6911 10 17
	G1/2	6911 10 21
12	G3/8	6911 12 17
	G1/2	6911 12 21
16	G3/8	6911 16 17
	G1/2	6911 16 21
	G3/4	6911 16 27

6979

Stud Elbow, Male BSPT Thread

Bio-based polymer, stainless steel 316L, EPDM

Scan for more dimensions

ØD	C	References
8	R1/4	6979 08 13
10	R1/4	6979 10 13

The body swivels for positioning purposes

6959

Stud Elbow, Male BSPP and Metric Thread

Bio-based polymer, stainless steel 316L, EPDM

Scan for more dimensions

ØD	C	References
4	M5x0.8	6959 04 19
	G1/8	6959 04 10
	G1/4	6959 04 13
6	M5x0.8	6959 06 19
	G1/8	6959 06 10
	G1/4	6959 06 13
8	G1/8	6959 08 10
	G1/4	6959 08 13
	G3/8	6959 08 17
10	G1/4	6959 10 13
	G3/8	6959 10 17
	G1/2	6959 10 21
12	G3/8	6959 12 17
	G1/2	6959 12 21
16	G3/8	6959 16 17
	G1/2	6959 16 21
	G3/4	6959 16 27

The body swivels for positioning purposes

6901

Stud Fitting, Male BSPP and Metric Thread

Chemical Nickel-plated brass, EPDM

Scan for more dimensions

ØD	C	References
4	M5x0.8	6901 04 19
	G1/8	6901 04 10
	G1/4	6901 04 13
6	M5x0.8	6901 06 19
	G1/8	6901 06 10
	G1/4	6901 06 13
8	G1/8	6901 08 10
	G1/4	6901 08 13
	G3/8	6901 08 17
10	G1/4	6901 10 13
	G3/8	6901 10 17
	G1/2	6901 10 21
12	G1/2	6901 12 21

6974

Stud Fitting, Female BSPP Thread

Stainless steel 316L, EPDM

Scan for more dimensions

ØD	C	References
16	G1/2	6974 16 21
	G3/4	6974 16 27

6999

Stud Elbow, Male BSPP and Metric Thread

Bio-based polymer, chemical Nickel-plated brass, EPDM

Scan for more dimensions

ØD	C	References
6	G1/8	6999 06 10
8	G1/8	6999 08 10
	G3/8	6999 08 17
10	G1/4	6999 10 13
	G3/8	6999 10 17
12	G3/8	6999 12 17
	G1/2	6999 12 21

The body swivels for positioning purposes

6306
Equal and Unequal Union Connector

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6306 04 00WP2
	6	6306 04 06WP2
6	6	6306 06 00WP2
	8	6306 06 08WP2
	10	6306 06 10WP2
8	8	6306 08 00WP2
	10	6306 08 10WP2
	12	6306 08 12WP2
10	10	6306 10 00WP2
	12	6306 10 12WP2
12	12	6306 12 00WP2
16	16	6306 16 00

Inch

ØD	ØD1	References
5/16	1/2	6306 08 62WP2
1/4	1/4	6306 56 00WP2
	3/8	6306 56 60WP2
3/8	3/8	6306 60 00WP2
1/2	1/2	6306 62 00WP2

6304
Equal and Unequal Union Tee

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6304 04 00WP2
6	6	6304 06 00WP2
8	8	6304 08 00WP2
10	10	6304 10 00WP2
12	12	6304 12 00WP2
16	16	6304 16 00
	12	6304 16 12

Inch

ØD	ØD1	References
5/32	5/32	6304 04 00WP2
1/4	1/4	6304 56 00WP2
5/16	5/16	6304 08 00WP2
3/8	3/8	6304 60 00WP2
	1/4	6304 60 56WP2
1/2	1/2	6304 62 00WP2
	3/8	6304 62 60WP2

6307
Equal Cross

Bio-based polymer, EPDM

Scan for more dimensions

ØD	References
6	6307 06 00WP2
8	6307 08 00WP2

6302
Equal and Unequal Union Elbow

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6302 04 00WP2
	6	6302 04 06WP2
6	6	6302 06 00WP2
	8	6302 06 08WP2
8	8	6302 08 00WP2
	10	6302 08 10WP2
10	10	6302 10 00WP2
	12	6302 10 12WP2
12	12	6302 12 00WP2
16	16	6302 16 00

Inch

ØD	ØD1	References
5/16	3/8	6302 08 60WP2
1/4	1/4	6302 56 00WP2
	5/16	6302 56 08WP2
	3/8	6302 56 60WP2
3/8	3/8	6302 60 00WP2
1/2	1/2	6302 62 00WP2

6340
Equal Single Y Piece

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6340 04 00WP2
6	6	6340 06 00WP2
8	8	6340 08 00WP2
10	10	6340 10 00WP2
12	12	6340 12 00WP2

Inch

ØD	ØD1	References
5/32	5/32	6340 04 00WP2
1/4	1/4	6340 56 00WP2
5/16	5/16	6340 08 00WP2
3/8	3/8	6340 60 00WP2

6316
Equal Bulkhead Union

Bio-based polymer, EPDM

Scan for more dimensions

ØD	References
4	6316 04 00WP2
6	6316 06 00WP2
8	6316 08 00WP2
10	6316 10 00WP2
12	6316 12 00WP2

Inch

ØD	References
5/32	6316 04 00WP2
1/4	6316 56 00WP2
5/16	6316 08 00WP2
3/8	6316 60 00WP2

6382
Equal and Unequal Plug-In Elbow

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6382 04 00WP2
	6	6382 04 06WP2
6	6	6382 06 00WP2
	8	6382 06 08WP2
8	8	6382 08 00WP2
	10	6382 08 10WP2
10	10	6382 10 00WP2
12	12	6382 12 00WP2

Inch

ØD	ØD1	References
5/32	5/32	6382 04 00WP2
1/4	1/4	6382 56 00WP2
	3/8	6382 56 60WP2
5/16	5/16	6382 08 00WP2
	3/8	6382 08 60WP2
3/8	3/8	6382 60 00WP2

The references in diameter 4mm and 12mm are not grooved in standard version

6388
Plug-In Equal Branch Tee

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6388 04 00WP2
6	6	6388 06 00WP2
8	8	6388 08 00WP2
10	10	6388 10 00WP2

6366
Plug-In Reducer

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	6	6366 04 06WP2
	8	6366 04 08WP2
6	8	6366 06 08WP2
	10	6366 06 10WP2
8	10	6366 08 10WP2
	12	6366 08 12WP2
10	12	6366 10 12WP2

Inch

ØD	ØD1	References
1/4	5/16	6366 56 08WP2
	3/8	6366 56 60WP2
5/16	3/8	6366 08 60WP2

6383
Plug-In Equal Run Tee

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6383 04 00WP2
6	6	6383 06 00WP2
8	8	6383 08 00WP2

6380
Plug-In 45° Equal Elbow

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
8	8	6380 08 00WP2
10	10	6380 10 00WP2

6322
Plug-In Barb Connector

Bio-based polymer

Scan for more dimensions

ØD	ØD1	References
6	4	6322 06 04WP2
8	5.75	6322 08 06WP2
10	7	6322 10 07WP2

Inch

ØD	ØD1	References
1/4	1/4	6322 56 56WP2
3/8	1/4	6322 60 56WP2
	3/8	6322 60 60WP2

6326
Blanking Plug

Bio-based polymer

Scan for more dimensions

ØD	References
4	6326 04 00WP2
6	6326 06 00WP2
8	6326 08 00WP2
10	6326 10 00WP2
12	6326 12 00WP2

6351
End Cap

Bio-based polymer, EPDM

Scan for more dimensions

ØD	References
4	6351 04 00WP2
6	6351 06 00WP2
8	6351 08 00WP2
10	6351 10 00WP2
12	6351 12 00WP2

Inch

ØD	References
5/32	6351 04 00WP2
5/16	6351 08 00WP2
3/8	6351 60 00WP2

PUSH-IN FITTINGS

LEGRIS LF 3600

For customers seeking alternatives to plastic fittings in harsh environments, **the LF 3600 offers easy assembly, a compact design, and numerous configurations.** It is ideal for demanding sectors such as automotive and food processing, guaranteeing optimum robustness and complete confidence in the performance of the installation.

Technical specifications

Fluids: compressed air, neutral gases, industrial water with or without glycol

Operating pressure: 10^{-2} millibar to 30 bar (20 bar: 3699, 3609, 3639)

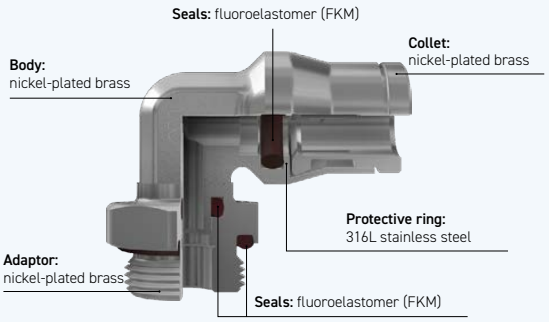
Operating temperature: -25°C to +150°C

Diameter: 4 to 14 mm

Regulations: RoHS, REACh, PED, FDA

Performance depends on the fluids, materials and tube used.

Component materials



Benefits

- **Full metal design in nickel-plated brass** to withstand mechanical shocks and sparks.
- **Collet fastening system** that ensures high pressure resistance.
- **High-performance FKM seal** ideal for high temperatures.
- **Surface treatment reinforced by high phosphorus chemical nickel plating,** offering resistance suited to the stringent requirements of the food processing industry.

Recommended applications

Spark resistance in automotive processes

FDA surface treatment for use in food processing plants

Robustness in harsh environments

Installation guide

	Threads							
Maximum tightening torque (daN.m)	M5x0.8	M6x1	M8x1	M10x1	G1/8	G1/4	G3/8	G1/2
	0.16	0.18	0.6	0.8	0.8	1.2	3	3.5

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3675
Stud Fitting, Male BSPT Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	R1/8	3675 04 10
	R1/4	3675 04 13
6	R1/8	3675 06 10
	R1/4	3675 06 13
8	R1/8	3675 08 10
	R1/4	3675 08 13
	R3/8	3675 08 17
10	R1/4	3675 10 13
	R3/8	3675 10 17
	R1/2	3675 10 21
12	R1/4	3675 12 13
	R3/8	3675 12 17
	R1/2	3675 12 21
14	R3/8	3675 14 17
	R1/2	3675 14 21

3601
Stud Fitting, Male BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	M5x0.8	3601 04 19
	M6x1	3601 04 52
	M8x1	3601 04 56
	G1/8	3601 04 10
	G1/4	3601 04 13
6	M5x0.8	3601 06 19
	M10x1	3601 06 60
	G1/8	3601 06 10
	G1/4	3601 06 13
8	G1/8	3601 08 10
	G1/4	3601 08 13
	G3/8	3601 08 17
10	G1/4	3601 10 13
	G3/8	3601 10 17
	G1/2	3601 10 21
12	G1/4	3601 12 13
	G3/8	3601 12 17
	G1/2	3601 12 21
14	G3/8	3601 14 17
	G1/2	3601 14 21

3681
Stud Fitting with Internal Hexagon, Male Metric Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	M5x0.8	3681 04 19

3614
Stud Fitting, Female BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	M5x0.8	3614 04 19
	G1/8	3614 04 10
	G1/4	3614 04 13
6	G1/8	3614 06 10
	G1/4	3614 06 13
8	G1/8	3614 08 10
	G1/4	3614 08 13
10	G3/8	3614 10 17
12	G3/8	3614 12 17
	G1/2	3614 12 21

3609
Stud Elbow, Male BSPT Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	R1/8	3609 04 10
	R1/4	3609 04 13
6	R1/8	3609 06 10
	R1/4	3609 06 13
8	R1/8	3609 08 10
	R1/4	3609 08 13
	R3/8	3609 08 17
10	R1/4	3609 10 13
	R3/8	3609 10 17
12	R1/4	3609 12 13
	R3/8	3609 12 17
	R1/2	3609 12 21
14	R3/8	3609 14 17
	R1/2	3609 14 21

The body swivels for positioning purposes. Maximum pressure: 20 bar

3699
Compact Elbow, Male BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	M5x0.8	3699 04 19
	M6x1	3699 04 52
	M8x1	3699 04 56
	G1/8	3699 04 10
	G1/4	3699 04 13
6	M10x1	3699 06 60
	G1/8	3699 06 10
	G1/4	3699 06 13
8	G1/8	3699 08 10
	G1/4	3699 08 13
	G3/8	3699 08 17
10	G1/4	3699 10 13
	G3/8	3699 10 17
12	G1/4	3699 12 13
	G3/8	3699 12 17
	G1/2	3699 12 21
14	G3/8	3699 14 17
	G1/2	3699 14 21

The body swivels for positioning purposes. Maximum pressure: 20 bar

3618
Single Banjo, Male BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	M5x0.8	3618 04 19
	G1/8	3618 04 10
6	M5x0.8	3618 06 19
	G1/8	3618 06 10
	G1/4	3618 06 13
8	G1/8	3618 08 10
	G1/4	3618 08 13
10	G3/8	3618 10 17

Maximum temperature: +80°C

3629
Extended Stud Elbow, Male BSPT Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	R1/8	3629 04 10
6	R1/8	3629 06 10
	R1/4	3629 06 13
8	R1/8	3629 08 10
	R1/4	3629 08 13
10	R1/4	3629 10 13

The body swivels for positioning purposes

3669
Extended Stud Elbow, Male BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	M5x0.8	3669 04 19
	G1/8	3669 04 10
6	G1/8	3669 06 10
	G1/4	3669 06 13
8	G1/8	3669 08 10
	G1/4	3669 08 13
10	G1/4	3669 10 13
	G3/8	3669 10 17
12	G1/4	3669 12 13
	G3/8	3669 12 17
14	G1/2	3669 14 21

The body swivels for positioning purposes

3603
Stud Run Tee, Male BSPT Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	R1/8	3603 04 10
6	R1/8	3603 06 10
	R1/4	3603 06 13
8	R1/8	3603 08 10
	R1/4	3603 08 13
10	R1/4	3603 10 13
12	R3/8	3603 12 17
14	R1/2	3603 14 21

The body swivels for positioning purposes

3693
Stud Run Tee , Male BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	M5x0.8	3693 04 19
	G1/8	3693 04 10
6	G1/8	3693 06 10
	G1/4	3693 06 13
8	G1/8	3693 08 10
	G1/4	3693 08 13
10	G1/4	3693 10 13
12	G3/8	3693 12 17
14	G1/2	3693 14 21

The body swivels for positioning purposes

3608
Stud Branch Tee, Male BSPT Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	R1/8	3608 04 10
6	R1/8	3608 06 10
	R1/4	3608 06 13
8	R1/8	3608 08 10
	R1/4	3608 08 13
10	R1/4	3608 10 13
	R3/8	3608 10 17
12	R3/8	3608 12 17
14	R1/2	3608 14 21

The body swivels for positioning purposes

3698
Stud Branch Tee, Male BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	M5x0.8	3698 04 19
	G1/8	3698 04 10
6	G1/8	3698 06 10
	G1/4	3698 06 13
8	G1/8	3698 08 10
	G1/4	3698 08 13
10	G1/4	3698 10 13
12	G3/8	3698 12 17
14	G1/2	3698 14 21

The body swivels for positioning purposes

3602
Equal Elbow

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	References
4	3602 04 00
6	3602 06 00
8	3602 08 00
10	3602 10 00
12	3602 12 00
14	3602 14 00

3604
Equal Tee

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	References
4	3604 04 00
6	3604 06 00
8	3604 08 00
10	3604 10 00
12	3604 12 00
14	3604 14 00

3606
Equal Tube-to-Tube Connector

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	References
4	3606 04 00
6	3606 06 00
8	3606 08 00
10	3606 10 00
12	3606 12 00
14	3606 14 00

3636
Bulkhead Connector, Female BSPP Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	G1/8	3636 04 10
6	G1/8	3636 06 10
	G1/4	3636 06 13
8	G1/8	3636 08 10
	G1/4	3636 08 13
10	G3/8	3636 10 17
12	G1/2	3636 12 21

3621
Stud Standpipe, Male BSPT Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
6	R1/4	3621 06 13
8	R1/4	3621 08 13
10	R1/4	3621 10 13
12	R1/2	3621 12 21

3668
Plug-In Increaser

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD1	ØD2	References
6	4	3668 06 04

3667
Plug-In Metric/Inch Adaptor

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD1	ØD2	References
6	1/4	3667 06 56
10	3/8	3667 10 60

3639
Equal Bulkhead Elbow

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	References
4	3639 04 00
6	3639 06 00
8	3639 08 00
10	3639 10 00
12	3639 12 00
14	3639 14 00

The body swivels for positioning purposes. Maximum pressure: 20 bar

3631
Stud Standpipe, Male BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	C	References
4	M5x0.8	3631 04 19
	G1/8	3631 04 10
	G1/4	3631 04 13
6	G1/8	3631 06 10
	G1/4	3631 06 13
8	G1/8	3631 08 10
	G1/4	3631 08 13
	G3/8	3631 08 17
10	G1/4	3631 10 13
	G3/8	3631 10 17
12	G3/8	3631 12 17
	G1/2	3631 12 21
14	G1/2	3631 14 21

3622
Plug-In Barb Connector

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD1	ØD2	ØD3	References
4	3.2	5	3622 04 53
	5	7	3622 04 05
6	5	7	3622 06 05
8	6.3	8.3	3622 08 56
	8	10	3622 08 08
10	6.3	8.3	3622 10 56
	8	10	3622 10 08
12	8	10	3622 12 08
	10	12	3622 12 10
	12.5	14.5	3622 12 62
14	12.5	14.5	3622 14 62
	14	16	3622 14 14

ØD2 : Ø Internal tube

3616
Equal Bulkhead Connector

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	References
4	3616 04 00
6	3616 06 00
8	3616 08 00
10	3616 10 00
12	3616 12 00
14	3616 14 00

3666
Plug-In Reducer

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD1	ØD2	References
4	6	3666 04 06
	8	3666 04 08
6	8	3666 06 08
	10	3666 06 10
8	10	3666 08 10
	12	3666 08 12
10	12	3666 10 12
12	14	3666 12 14

3626
Blanking Plug

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	References
4	3626 04 00
6	3626 06 00
8	3626 08 00
10	3626 10 00
12	3626 12 00
14	3626 14 00

3620
Male Stem Connector

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	References
4	3620 04 00
6	3620 06 00
8	3620 08 00
10	3620 10 00
12	3620 12 00
14	3620 14 00

PUSH-IN FITTINGS

LEGRIS LF 3800

Made entirely of stainless steel and ergonomically designed, this fitting is ideal for corrosive environments such as food processing, chemical and medical applications.

Technical specifications

Fluids: compressed air, neutral gases, industrial water with or without glycol

Operating pressure: 10^{-2} millibar to 30 bar (20 bar: 3889, 3879)

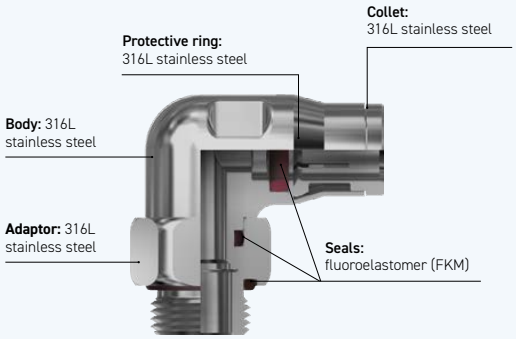
Operating temperature: -25°C to +150°C

Diameter: 4 to 12 mm – 3/16" to 1/2"

Regulations: RoHS, REACh, ISO 14743, PED, FDA, CE N° 1935/2004

Performance depends on the fluids, materials and tube used.

Component materials



Benefits

- **Full metallic design, made of 316L stainless steel**, able to withstand aggressive environments while preserving fluid integrity.
- **Unique hygienic external design,** with a smooth surface (Ra 0.8) and no retention areas, simplifying the cleaning process and preventing contamination.
- **Collet technology** ensuring high pressure resistance.
- **High-performance FKM seal**, ideal for a wide range of temperatures.

Recommended applications

Resistance to cleaning agents used in food processing

High chemical resistance

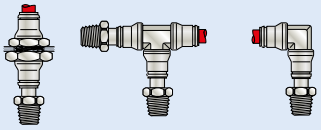
Prevents contamination on packaging machines for the pharmaceutical industry

Installation guide

Maximum tightening torque (daN.m)	Threads				
	M5x0.8	G1/8	G1/4	G3/8	G1/2
	0.16	0.8	1.2	3	3.5

Tightening torque for bulkhead fittings	Ø (mm)	4	6	8	10	12
	daN.m min. max.	0.5 0.9	0.5 0.9	0.6 1	0.6 1	0.6 1

The stud standpipe 3821 and 3831 can be used as illustrated, allowing:
- stock optimization
- installation of tees and elbows where required.



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3805
Stud Fitting, Male BSPT Thread

Stainless steel 316L, FKM

Scan for more dimensions

ØD	C	References
4	R1/8	3805 04 10
	R1/4	3805 04 13
6	R1/8	3805 06 10
	R1/4	3805 06 13
8	R1/8	3805 08 10
	R1/4	3805 08 13
	R3/8	3805 08 17
10	R1/4	3805 10 13
	R3/8	3805 10 17
12	R1/4	3805 12 13
	R3/8	3805 12 17
	R1/2	3805 12 21

3801
Stud Fitting, Male BSPP and Metric Thread

Stainless steel 316L, FKM

Scan for more dimensions

ØD	C	References
4	M5x0.8	3801 04 19
	G1/8	3801 04 10
6	M5x0.8	3801 06 19
	G1/8	3801 06 10
	G1/4	3801 06 13
8	G1/8	3801 08 10
	G1/4	3801 08 13
	G3/8	3801 08 17
10	G1/4	3801 10 13
	G3/8	3801 10 17
12	G1/4	3801 12 13
	G3/8	3801 12 17

3805
Stud Fitting, Male NPT Thread

Stainless steel 316L, FKM

Scan for more dimensions

ØD	C	References
4	NPT1/8	3805 04 11
6	NPT1/8	3805 06 11
	NPT1/4	3805 06 14
8	NPT1/8	3805 08 11
	NPT1/4	3805 08 14
10	NPT1/4	3805 10 14
	NPT3/8	3805 10 18
12	NPT1/4	3805 12 14
	NPT3/8	3805 12 18
	NPT1/2	3805 12 22

Inch

ØD	C	References
5/32	NPT1/8	3805 04 11
3/16	NPT1/8	3805 55 11
1/4	NPT1/8	3805 56 11
	NPT1/4	3805 56 14
5/16	NPT1/8	3805 08 11
	NPT1/4	3805 08 14
3/8	NPT1/4	3805 60 14
	NPT3/8	3805 60 18
1/2	NPT1/4	3805 62 14
	NPT3/8	3805 62 18
	NPT1/2	3805 62 22

3809
Stud Elbow, Male BSPT Thread

Stainless steel 316L, FKM

Scan for more dimensions

ØD	C	References
4	R1/8	3809 04 10
6	R1/8	3809 06 10
	R1/4	3809 06 13
8	R1/8	3809 08 10
	R1/4	3809 08 13
10	R1/4	3809 10 13
	R3/8	3809 10 17

The body swivels for positioning purposes

3899
Stud Elbow, Male BSPP and Metric Thread

Stainless steel 316L, FKM

Scan for more dimensions

ØD	C	References
4	M5x0.8	3899 04 19
	G1/8	3899 04 10
	G1/4	3899 04 13
6	M5x0.8	3899 06 19
	G1/8	3899 06 10
	G1/4	3899 06 13
8	G1/8	3899 08 10
	G1/4	3899 08 13
	G3/8	3899 08 17
10	G1/4	3899 10 13
	G3/8	3899 10 17

The body swivels for positioning purposes

3809
Stud Elbow, Male NPT Thread

Stainless steel 316L, FKM

Scan for more dimensions

ØD	C	References
6	NPT1/8	3809 06 11
	NPT1/4	3809 06 14
8	NPT1/8	3809 08 11
	NPT1/4	3809 08 14
10	NPT1/4	3809 10 14

The body swivels for positioning purposes

3889
Compact Elbow, BSPT male Thread

Stainless steel 316L, FKM

Scan for more dimensions

ØD	C	References
4	R1/8	3889 04 10
	R1/4	3889 04 13
6	R1/8	3889 06 10
	R1/4	3889 06 13
8	R1/8	3889 08 10
	R1/4	3889 08 13
10	R1/4	3889 10 13
	R3/8	3889 10 17
12	R1/4	3889 12 13
	R3/8	3889 12 17
	R1/2	3889 12 21

The body swivels for positioning purposes Max. 20 bar

3879
Compact Stud Elbow, Male BSPP Thread

Stainless steel 316L, FKM

Scan for more dimensions

ØD	C	References
4	G1/8	3879 04 10
	G1/4	3879 04 13
6	G1/8	3879 06 10
	G1/4	3879 06 13
8	G1/8	3879 08 10
	G1/4	3879 08 13
	G3/8	3879 08 17
10	G1/4	3879 10 13
	G3/8	3879 10 17
12	G1/4	3879 12 13
	G3/8	3879 12 17
	G1/2	3879 12 21

The body swivels for positioning purposes Max. 20 bar

3889
Compact Stud Elbow, Male NPT Thread

Stainless steel 316L, FKM

Scan for more dimensions

ØD	C	References
4	NPT1/8	3889 04 11
6	NPT1/8	3889 06 11
	NPT1/4	3889 06 14
8	NPT1/8	3889 08 11
	NPT1/4	3889 08 14
10	NPT1/4	3889 10 14
	NPT3/8	3889 10 18
12	NPT1/4	3889 12 14
	NPT3/8	3889 12 18
	NPT1/2	3889 12 22

Inch

ØD	C	References
5/32	NPT1/8	3889 04 11
1/4	NPT1/8	3889 56 11
	NPT1/4	3889 56 14
5/16	NPT1/8	3889 08 11
	NPT1/4	3889 08 14
3/8	NPT1/4	3889 60 14
	NPT3/8	3889 60 18
1/2	NPT3/8	3889 62 18
	NPT1/2	3889 62 22

The body swivels for positioning purposes Max. 20 bar.

3893
Stud Run Tee, Male BSPP and Metric Thread

Stainless steel 316L, FKM

Scan for more dimensions

ØD	C	References
8	G3/8	3893 08 17

The body swivels for positioning purposes

3802
Equal Elbow

Stainless steel 316L, FKM

Scan for more dimensions

ØD	References
4	3802 04 00
6	3802 06 00
8	3802 08 00
10	3802 10 00
12	3802 12 00

Inch

ØD	References
5/32	3802 04 00
1/4	3802 56 00
5/16	3802 08 00
3/8	3802 60 00
1/2	3802 62 00

3804
Equal Tee

Stainless steel 316L, FKM

Scan for more dimensions

ØD	References
4	3804 04 00
6	3804 06 00
8	3804 08 00
10	3804 10 00
12	3804 12 00

Inch

ØD	References
5/32	3804 04 00
1/4	3804 56 00
5/16	3804 08 00
3/8	3804 60 00
1/2	3804 62 00

3806
Equal Union Connector

Stainless steel 316L, FKM

Scan for more dimensions

ØD	References
4	3806 04 00
6	3806 06 00
8	3806 08 00
10	3806 10 00
12	3806 12 00

Inch

ØD	References
5/32	3806 04 00
3/16	3806 55 00
1/4	3806 56 00
5/16	3806 08 00
3/8	3806 60 00
1/2	3806 62 00

3821
Stud Standpipe, Male BSPT Thread

Stainless steel 316L

Scan for more dimensions

ØD	C	References
4	R1/8	3821 04 10
6	R1/8	3821 06 10
	R1/4	3821 06 13
8	R1/8	3821 08 10
	R1/4	3821 08 13
10	R1/4	3821 10 13
	R3/8	3821 10 17
12	R1/4	3821 12 13
	R3/8	3821 12 17
	R1/2	3821 12 21

3831
Stud Standpipe, Male BSPP and Metric Thread

Stainless steel 316L

Scan for more dimensions

ØD	C	References
4	M5x0.8	3831 04 19
	G1/8	3831 04 10
6	G1/8	3831 06 10
	G1/4	3831 06 13
8	G1/8	3831 08 10
	G1/4	3831 08 13
10	G1/4	3831 10 13
	G3/8	3831 10 17
12	G1/4	3831 12 13
	G1/2	3831 12 21

3821
Stud Standpipe, Male NPT Thread

Stainless steel 316L

Scan for more dimensions

ØD	C	References
6	NPT1/4	3821 06 14
8	NPT1/4	3821 08 14

3866
Push-In Reducer

Stainless steel 316L, FKM

Scan for more dimensions

ØD1	ØD2	References
4	6	3866 04 06
4	8	3866 04 08
6	8	3866 06 08
6	10	3866 06 10
8	10	3866 08 10
8	12	3866 08 12
10	12	3866 10 12

3816
Equal Bulkhead Connector

Stainless steel 316L, FKM

Scan for more dimensions

ØD	References
4	3816 04 00
6	3816 06 00
8	3816 08 00
10	3816 10 00
12	3816 12 00

Inch

ØD	References
5/32	3816 04 00
1/4	3816 56 00
5/16	3816 08 00
3/8	3816 60 00

IP55 waterproof rating

3826
Blanking Plug

Stainless steel 316L

Scan for more dimensions

ØD1	ØD2	References
4	6	3826 04 00
6	8	3826 06 00
8	10	3826 08 00
10	12	3826 10 00
12	14	3826 12 00

Related products

3800
Pre-Grooving Tool for Metallic Tubing

Treated steel

Scan for more dimensions

References
3800 70 00

This device is designed to correctly groove stainless-steel tubes with an outside diameter from 4 mm to 12 mm inclusive, and from 3/16" to 1/2" inclusive, thereby ensuring a perfect instant tube-to-fitting connection with LF 3800 stainless-steel fittings.

LEGRIS LF 6100

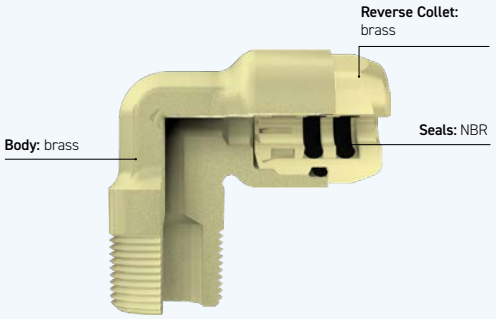
Specially designed for lubrication applications, these fittings provide secure connections and optimal sealing, meeting the stringent requirements of industrial machinery.

Technical specifications

- **Fluids:** oils and lubricants (see oil compatibility or consult us)
- **Operating pressure:** 10^{-2} millibar to 60 bar
- **Operating temperature:** -40°C to +60°C
- **Diameter:** 4 to 10 mm
- **Regulations:** RoHS, REACh

Performance depends on the fluids, materials and tube used.

Component materials



Benefits

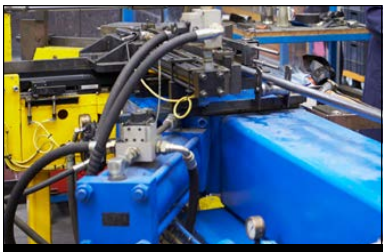
- **High performance and durability:** brass die-cast parts are robust and offer excellent resistance to high pressure and temperature fluctuations, capable of withstanding pressures of up to 60 bar.
- **Secure and efficient connection:** these fittings incorporate three sealing elements to provide reliable sealing while allowing manual connection. Their reverse-collet design also prevents accidental disconnection without the use of tools.

Installation guide

Maximum and minimum tightening torque (daN.m)	**Threads**	M6x1	M8x1	M8x1.25	M10x1	M12x1	M14x1.5	R 1/8	R 1/4
	Conical	0.2/0.6	0.2/1.2	0.2/1	0.2/1.2	0.2/2	0.5/1.5	0.2/1.0	0.5/1.5
	Parallel	-	0.6/1	-	0.6/1	1.8/2.2	-	-	-

Recommended applications

Compatible with lubricants and capable of withstanding vibrations



Pressure resistance for small hydraulic equipment

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6105
Stud Fitting, Male BSPT and Taper Metric Thread

Brass, NBR

Scan for more dimensions

ØD	C	References
4	M6x1	6105 04 52
	M8x1	6105 04 56
	M8x1.25	6105 04 57
	M10x1	6105 04 60
	R1/8	6105 04 10
	R1/4	6105 04 13
6	M10x1	6105 06 60
	R1/8	6105 06 10
	R1/4	6105 06 13
8	M12x1	6105 08 65

6101
Stud Fitting, Male Parallel and Metric Thread

Brass, NBR

Scan for more dimensions

ØD	C	References
4	M10x1	6101 04 60
6	M10x1	6101 06 60

6114
Stud Fitting, Female Metric Parallel Thread

Brass, NBR

Scan for more dimensions

ØD	C	References
4	M8x1	6114 04 56
6	M8x1	6114 06 56

6104
Equal Tee

Brass, NBR

Scan for more dimensions

ØD	References
4	6104 04 00
6	6104 06 00

6179
Stud Elbow, Male BSPT and Taper Metric Thread

Brass, NBR

Scan for more dimensions

ØD	C	References
4	M6x1	6179 04 52
	M8x1	6179 04 56
	M8x1.25	6179 04 57
	M10x1	6179 04 60
	R1/8	6179 04 10
	R1/4	6179 04 13
6	M10x1	6179 06 60
	R1/8	6179 06 10
	R1/4	6179 06 13

6106
Tube-to-Tube Connector

Brass, NBR

Scan for more dimensions

ØD	References
4	6106 04 00
6	6106 06 00
8	6106 08 00

Related products

0138
Copper Washer

Copper

Scan for more dimensions

References
0138

DIN 7603
ISO 65061

PUSH-IN FITTINGS

LEGRIS LF 6800

Proven fittings with enhanced cleanliness, designed for transporting liquids and gases in anaesthesia machines and respiratory equipment.

Technical specifications

Fluids: Oxygen (100%), Carbon dioxide, Nitrous oxide, Xenon, Anaesthetic gases

Operating pressure: 10^{-2} millibar to 15 bar

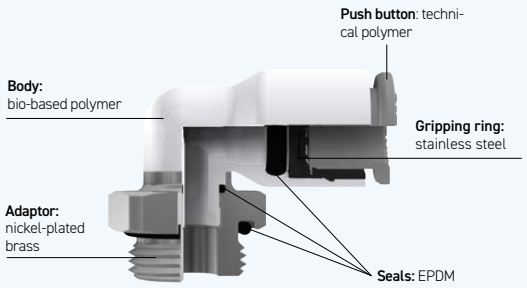
Operating temperature: -10°C to +95°C

Diameter: 4 to 12 mm

Regulations: RoHS, REACh, FDA, CE N° 1935/2004 (excluding 6801, 6819 and 6899)

Performance depends on the fluids, materials and tube used.

Component materials



Benefits

- **Enhanced cleanliness:** manufactured in accordance with ASTM G93 standards, ensuring exceptional cleanliness for critical applications.
- **Safe and environmentally friendly:** made from bio-based polymer, free from Phtalates and bisphenol, ensuring users safety and environmental responsibility.
- **Ready to use:** hermetically sealed to prevent contamination during transport and storage until use.
- **Optimal design:** features a compact design with no flow rate reduction and a push-In connection technology that simplifies installation and improves operational efficiency.

Recommended applications

Ideal product for breathing apparatus

Cleanliness for respirators in medical intensive care units

Installation guide

Maximum tightening torque (daN.m)	Threads				
	M5x0.8	G1/8	G1/4	G3/8	G1/2
	1.16	0.8	1.2	3	3.5

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6801

Stud Fitting, Male BSPP and Metric Thread

Chemical nickel-plated brass, EPDM

Scan for more dimensions

ØD	C	References
4	M5x0.8	6801 04 19
	G1/8	6801 04 10
6	M5x0.8	6801 06 19
	G1/8	6801 06 10
	G1/4	6801 06 13
8	G1/8	6801 08 10
	G1/4	6801 08 13
10	G1/4	6801 10 13
	G3/8	6801 10 17
12	G3/8	6801 12 17
	G1/2	6801 12 21

6806

Equal Union Connector

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6806 04 00
6	6	6806 06 00
8	8	6806 08 00
10	10	6806 10 00
12	12	6806 12 00

6840

Equal Single Y Piece

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6840 04 00
6	6	6840 06 00
8	8	6840 08 00
10	10	6840 10 00
12	12	6840 12 00

6804

Equal Tee

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6804 04 00
6	6	6804 06 00
8	8	6804 08 00
10	10	6804 10 00
12	12	6804 12 00

6899

Stud Elbow, Male BSPP and Metric Thread

Bio-based polymer, chemical nickel-plated brass, EPDM

Scan for more dimensions

ØD	C	References
4	G1/8	6899 04 10
	G1/4	6899 04 13
6	M5x0.8	6899 06 19
	G1/8	6899 06 10
	G1/4	6899 06 13
8	G1/4	6899 08 13

The body swivels for positioning purposes

6819

Stud Elbow, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	6819 04 19
	G1/8	6819 04 10
	G1/4	6819 04 13
6	M5x0.8	6819 06 19
	G1/8	6819 06 10
	G1/4	6819 06 13
8	G1/8	6819 08 10
	G1/4	6819 08 13
10	G1/4	6819 10 13

The body swivels for positioning purposes

6866

Plug-In Reducer

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	6	6866 04 06
6	8	6866 06 08
	10	6866 06 10
8	10	6866 08 10
	12	6866 08 12

6826

Blanking Plug

Bio-based polymer

Scan for more dimensions

ØD	References
4	6826 04 00
6	6826 06 00
8	6826 08 00
10	6826 10 00
12	6826 12 00

6882

Equal and Unequal Plug-In Elbow

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6882 04 00
	6	6882 04 06
6	6	6882 06 00
	8	6882 06 08
8	8	6882 08 00

The 4 mm diameter version is not grooved as standard.

6883

Plug-In Equal Run Tee

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6883 04 00
6	6	6883 06 00
8	8	6883 08 00

6802

Equal Elbow

Bio-based polymer, EPDM

Scan for more dimensions

ØD	ØD1	References
4	4	6802 04 00
6	6	6802 06 00
8	8	6802 08 00
10	10	6802 10 00
12	12	6802 12 00

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CARTRIDGES LEGRIS

Legris cartridges are the ideal solution for quick, efficient and safe installation. Designed as a single piece, they optimise productivity and space by fitting into non-threaded and non-grooved cavities.

To optimise the design of your solution, we recommend that you contact our application engineers.

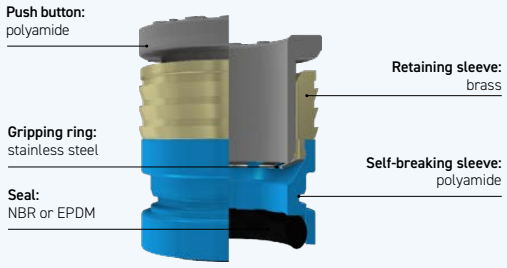
CARSTICK® POLYMER CARTRIDGES

Technical specifications

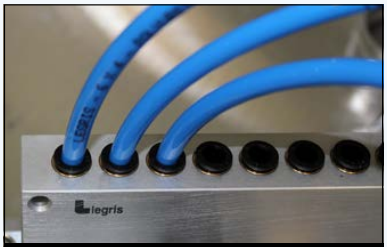
	LF 3100	LF6300
Seal materials:	NBR	EPDM
Fluids:	Compressed air, neutral gases	Industrial water, treated water with or without glycol
Operating pressure:	10^{-2} millibar to 20 bar	1 to 16 bar
Operating temperature:	-20°C to +80°C	-10°C to +95°C
Diameter:	4 to 14 mm - 1/8" to 3/8"	4 to 12 mm - 5/32" to 1/2"
Regulations:	RoHS, REACh, ISO 14743, PED	RoHS, REACh, FDA, CE N° 1935/2004

Performance depends on the fluids, materials and tube used.

Component materials



Recommended applications

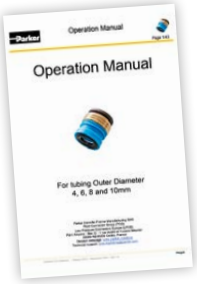


Ultra-compact design, ideal for configurations with multiple connections

Benefits

- **Productivity gains:** our single-component design allows for 55% to 75% faster insertion than traditional cartridge solutions.
- **Space saving:** this cartridge is the most compact option available on the market.
- **Fluid integrity:** the conveyed fluid only comes into contact with the seal, thus ensuring its integrity.
- **Ready-to-use packaging:** stick packaging ensures optimal protection of cartridges during transport and storage, while enabling automated distribution in industrial processes.

Installation guide



See our installation manual.

Download it here

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CARSTICK+ REMOVABLE POLYMER CARTRIDGE VERSION

Technical specifications

Fluid: industrial water, treated water with or without glycol

Operating pressure: 1 to 16 bar

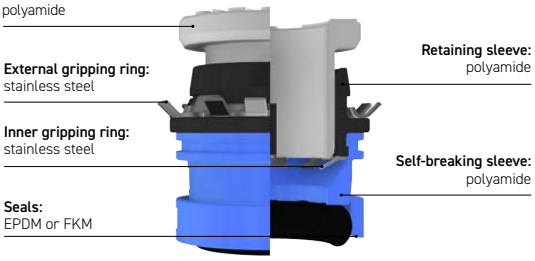
Operating temperature: -10 °C to +95 °C

Diameter: 4 and 6 mm

Regulations: RoHS, REACh, FDA, CE N° 1935/2004

Performance depends on the fluids, materials and tube used.

Component materials



Benefits

Removable polymer cartridges offer all the advantages of cartridges, plus the following features:

- **Reusable cavity:** the cartridge can be removed without damaging the cavity.
- **Can be inserted into many materials** (brass, aluminium, polymers including non-elastic ones, e.g. PEEK, POM, etc.)
- **Low insertion force:** insertion force < 20 daN.

Installation guide

See our installation manual.

Download it here

METAL CARTRIDGE VERSION

Technical specifications

Fluids: compressed air, industrial water

Operating pressure: 10^{-2} millibar to 30 bar

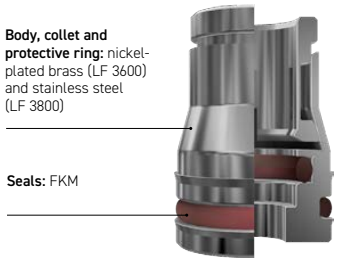
Operating temperature: -25 °C to +150 °C

Diameter: 4 to 14 mm

Regulations: RoHS, REACh, PED

Performance depends on the fluids, materials and tube used.

Component materials



Benefits

- **2 body materials available:** LF 3600 nickel-plated brass for aggressive environments and LF 3800 stainless steel for corrosive environments.
- **Full metallic products** to offer the highest mechanical and chemical resistance.
- **Resistant to high temperatures** (+150°C).
- **Can be installed in polymer or metal cavities** (cavities drawing available). Please do not hesitate to contact us.

Polymer cartridges Carstick®

3100
Carstick® Cartridge

Polymer, Brass, NBR

Scan for more dimensions

ØD	References
4	3100 04 00
6	3100 06 00
8	3100 08 00
10	3100 10 00
12	3100 12 00
14	3100 14 00

Inch

ØD	References
1/8	3100 53 00
5/32	3100 04 00
1/4	3100 56 00
5/16	3100 08 00
3/8	3100 60 00

6300
LIQUIfit® Cartridge

Polymer, Brass, EPDM

Scan for more dimensions

ØD	References
4	6300 04 00
6	6300 06 00
8	6300 08 00
10	6300 10 00
12	6300 12 00

Inch

ØD	References
5/32	6300 04 00
1/4	6300 56 00
5/16	6300 08 00
3/8	6300 60 00
1/2	6300 62 00

Removable polymer cartridges CARSTICK+

6300..24
Removable LF6300 cartridge

Polymer, Stainless steel, EPDM

Scan for more dimensions

ØD	References
4	6300 04 01 24
6	6300 06 01 24

6300..26
Removable LF6300 cartridge

Polymer, Stainless steel, EPDM

Scan for more dimensions

ØD	References
4	6300 04 01 26
6	6300 06 01 26

Metal cartridges

3600
LF3600 one-piece cartridge

Chemical Nickel-plated brass, FKM

Scan for more dimensions

ØD	References
4	3600 04 00
6	3600 06 00
8	3600 08 00
10	3600 10 00

3800
LF3800 one-piece cartridge

Stainless steel 316L, FKM

Scan for more dimensions

ØD	References
4	3800 04 00
6	3800 06 00
8	3800 08 00
10	3800 10 00

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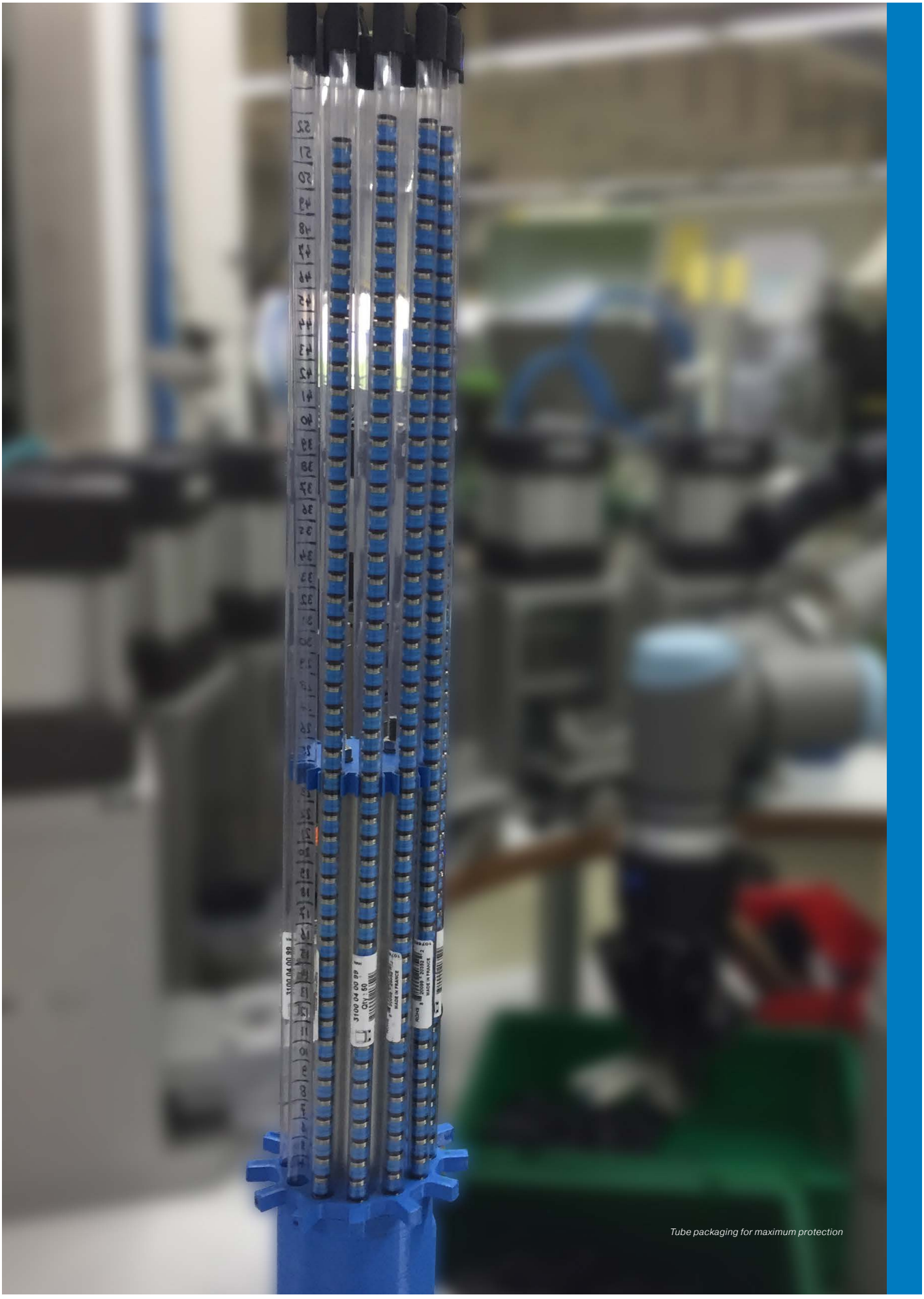


Tube packaging for maximum protection

02

PNEUMATIC EXCELLENCE

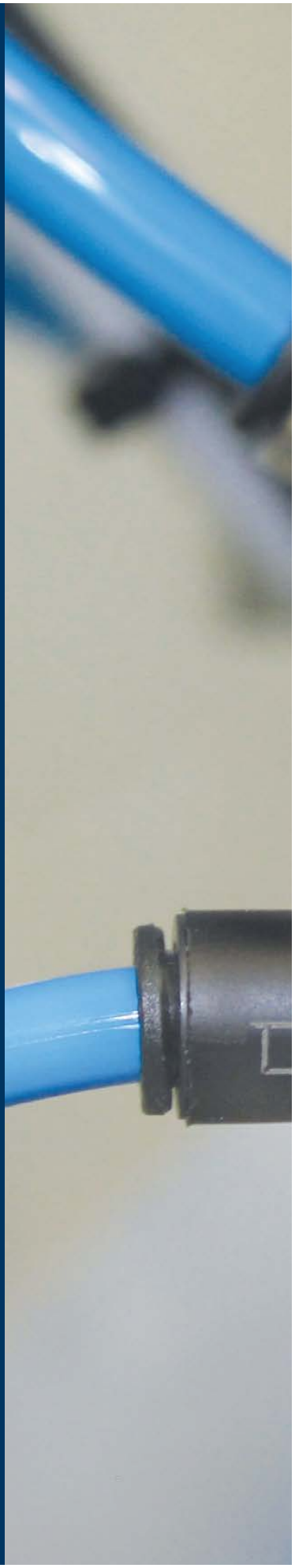
Legris function fittings have been the benchmark in the industrial market for over 60 years. They offer comprehensive solutions to protect and optimise pneumatic processes.

SUSTAINABILITY AND PERFORMANCE

The quality of Legris function fittings guarantees a long service life in pneumatic installations while offering precise adjustment for quick and reliable implementation.

A VARIED SELECTION

The wide range, proven over many years, provides a solution suitable for all pneumatic applications.



LEGRIS FUNCTION FITTINGS

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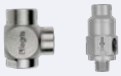
PRODUCTS OFFER

Function fittings are intended for **pneumatic applications involving compressed air**.

LEGRIS FUNCTION FITTINGS	Materials (body/seal)	Maximum operating pressure (bar)	Temperature		PAGE
			Min.	Max.	
Blocking fittings	Nickel-plated brass/NBR	10	-20°C	+80°C	**52**
Soft start fittings	Nickel-plated brass/NBR technical polymer	10	-15°C	+60°C	**54**
Non-return valves	Technical polymer/NBR Stainless steel/FKM	10 40	0°C -20°C	+70°C +180°C	**56**
Adjustable non-return valves	Chemically nickel-plated brass/NBR	12	-20°C	+80°C	**60**
Piloted non-return valves	Nickel-plated brass/NBR technical polymer	10	-5°C	+60°C	**62**
Flow control regulators	Technical polymer/NBR Treated aluminium, nickel-plated brass/NBR 316L stainless steel/FKM	10 10 40	0°C -25°C -15°C	+70°C +70°C +120°C	**64**
Quick-release valves 	Nickel-plated brass or aluminium or stainless steel/Polyurethane or FKM	10	-20°C	+120°C	**82**
Pressure regulator fittings	Nickel-plated brass/NBR technical polymer	16	-10°C	+70°C	**84**
Pressure reducer fittings	Brass	15	-10°C	+80°C	**86**
Snap fittings	Nickel-plated brass/NBR technical polymer	10	-20°C	+80°C	**88**
Manually operated fittings and valves	Nickel-plated brass, aluminium/NBR	16	-5°C	+70°C	**90**
Sensor fittings with detection	Technical polymer, treated brass/NBR	8	-15°C	+60°C	**92**
Silencers	Polymer, sintered bronze, nickel-plated brass, 316L stainless steel	12	-20°C	+180°C	**94**

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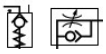
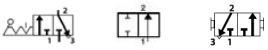
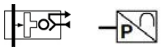
HOW TO CHOOSE YOUR FUNCTION FITTING

What functions do you require for your pneumatic system?

OBJECTIVES	WHAT WOULD YOU LIKE TO DO?	LEGRIS FUNCTION FITTINGS	SYMBOLS
PROTECT YOUR INSTALLATION	Ensure that the load is maintained during an emergency stop	**Blocking fittings**	
	Allow pressure to build up gradually when restarting the installation, thereby protecting it from shocks.	**Soft start fittings**	
	Convey compressed air in one direction only, blocking its return in the event of a cut-off	**Non-return valves**	
	Performs the same function as a non-return valve while allowing the opening pressure to be adjusted.	**Adjustable non-return valves**	
	Three functions in one product: block, regulate and purge compressed air	**Piloted non-return valves**	
IMPROVE YOUR INSTALLATION	Regulate air flow, thanks to an adjustable pass diameter, to control the speed of a cylinder rod.	**Flow control regulators**	
	Allow exhaust air to pass unrestricted into the atmosphere in order to accelerate the rod of a cylinder.	**Quick-release valves**	
	Regulate pressure in applications requiring control of cylinder force	**Pressure regulator fittings**	
	Reduce the pressure consumed in part of the machine in order to save energy	**Pressure reducer fittings**	
	Partially isolate a circuit without draining the entire system	**Snap fittings**	
	Purge a pneumatic circuit	**Manually operated couplers and fittings**	
	Issue a pneumatic or electrical signal as soon as the pressure falls below its control threshold.	**Sensor fittings with detection**	
	Reducing the noise level of the pneumatic network	**Silencers**	

Do you have any compliance requirements?

- All our products comply with RoHS and REACh standards.
- Legris function fittings used on the safety control line, known as “Safety” fittings, comply with Machinery Directive 2006/42/EC and ISO 13849-1 and are identified by the following logo:
- All our processes comply with ISO 9001 and ISO 14001 standards.

For a complete list of our certificates, *please click here.*

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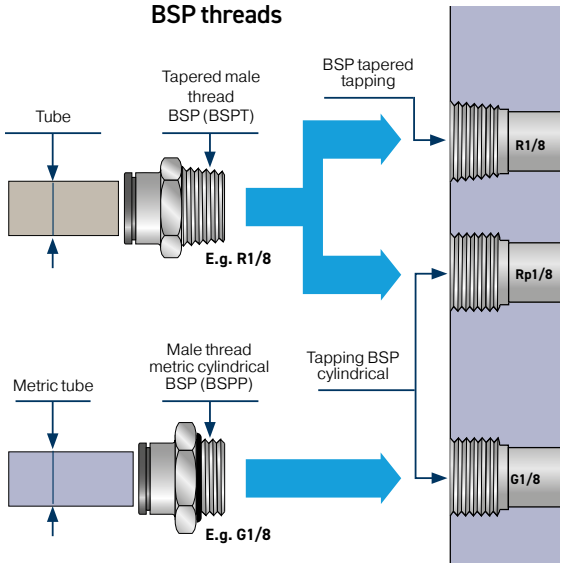
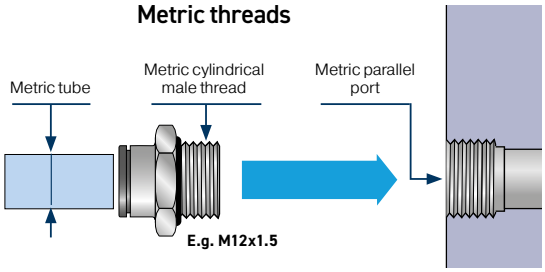
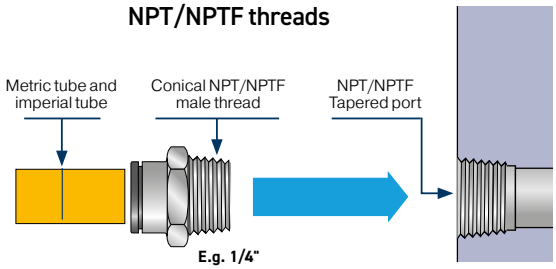
HOW TO CHOOSE YOUR FUNCTION FITTING

How should you install your fitting?







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Part number identification

Part numbers are chosen according to a mnemonic code.
Each fitting is identified by:
- the item type according to function (4 digits);
- the nominal diameter of the tube (2 digits) corresponds to the external diameter of the tube;
- the thread code. If the product does not have a thread, the code used is 00.

7010 **06** **10**

Nominal diameter

= outer diameter of the tube

Metric	Code
4 mm	04
6 mm	06
.../...	
12 mm	12

Thread code

Thread	Code
M5x0.8	19
1/8"	10
1/4"	13
3/8"	17
1/2"	21

Function of the article

Designation	Item code
Blocking fittings	788x Series
Soft start fittings	786x Series 787x Series
Non-return valves	
• polymer	798x Series 799x Series
• adjustable	793x Series
• stainless steel	489x Series
• piloted	789x Series
Quick-exhaust valves	7899 Series 797x Series

Designation	Item code
Pressure regulator fittings	730x Series
Pressure reducers	DRVx Series
Snap fittings	792x Series 796x Series
Manually operated fittings and valves	780x Series 0669 Series
Sensor fittings for detection	781x Series 782x Series
Silencers	067x Series 068x Series

Designation	Item code
Flow regulators	
• **polymer** countersunk screw	701x Series
• **polymer** external screw	706x Series
• miniature **polymer** external screw	763x, 764x, and 766x series
• **polymer** compact and swivelling	704x Series; 764x Series
• **polymer** external screw	777x Series
• **Nickel-plated brass** countersunk screw	713x, 714x and 716x Series
• **Nickel-plated brass** compact with external screw	710x Series; 711x Series; 768x Series
• **Nickel-plated brass** miniature with external screw	718x Series; 719x Series
• **brass and stainless steel** with external screw or in-line	781x Series; 782
• **aluminium** in line	717x Series

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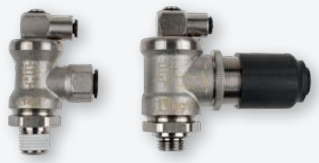
LEGRIS BLOCKING FITTINGS



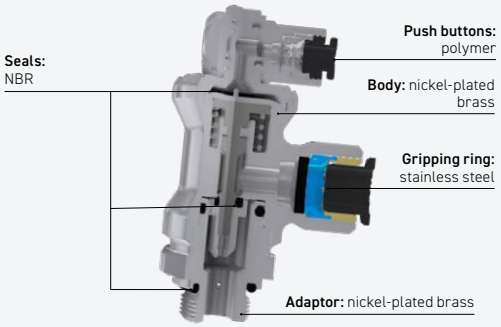
In the event of a drop in control pressure, the reliability of Legris blocking fittings ensures operator safety and protects installations by cutting off the compressed air supply.

Technical specifications

- **Fluids:** compressed air
- **Operating pressure:** 1 to 10 bar
- **Operating temperature:** -20°C to +80°C
- **Tube diameter:** 6 to 12 mm
- **Connection:** G1/8 to G1/2 (BSPP) – R1/8 to R1/2 (BSPT)
- **Regulations:** RoHS, REACh, ISO 14743, PED, ISO 13849-1

Performance depends on the fluid, material and tube used.

Component materials



Benefits

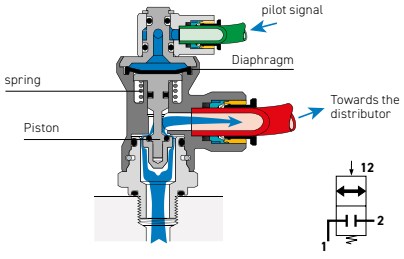
- **Safety product**: endurance tested in accordance with the requirements of DI 2006/42/EC (B10d > 400 million cycles according to ISO 19973).
- **Optimal flow rate** ensuring good cylinder performance.
- **Compact design** to suit all configurations of the pneumatic installation.
- **360° adjustable** for easy installation.
- **Metal version** designed to withstand sparks in welding processes and harsh environments.

Recommended applications

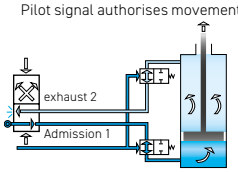
Suitable for secure retention of the cylinder rod

Operating principle

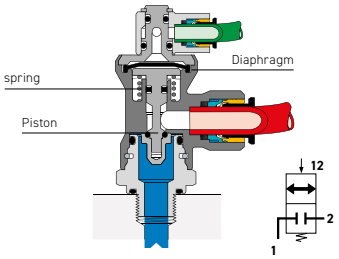
Cylinder in operation (pilot signal active)



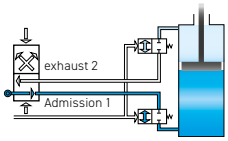
Pilot signal authorises movement



Blocked cylinder (de-piloted)

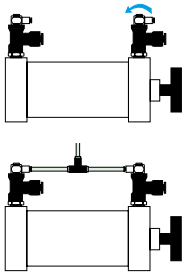


No signal blocks movement



Installation guide

Mounted in pairs, the cylinder blocking fittings are installed directly on the cylinder. Their total orientability provides great flexibility for the creation of pneumatic circuits.



Tightening torque maximum (daN.m)	Threads			
	G1/8	G1/4	G3/8	G1/2
	0.8	1.2	3	3.5

User guide

Model	Flow rate inlet 6 bar	Pilot and de-pilot threshold depending on inlet pressure					
			2 bar	4 bar	6 bar	8 bar	10 bar
ØD 6 and 8 mm, G1/8, G1/4, R1/8, R1/4 threads	650 Nl/min	Pilot pressure	2.40	2.90	3.30	3.60	4.00
	650 Nl/min	Depilot Pressure	1.50	1.80	2.15	2.40	2.80
ØD 10 and 12 mm, G3/8, G1/2, R3/8, R1/2 threads	1600 Nl/min	Pilot pressure	2.70	3.20	3.50	3.80	4.10
	1600 Nl/min	Depilot Pressure	1.40	1.80	2.10	2.40	2.70

7880
Blocking Fitting, Male BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
6	G1/8	7880 06 10
	G1/4	7880 06 13
8	G1/4	7880 08 13
	G3/8	7880 08 17
10	G3/8	7880 10 17
12	G1/2	7880 12 21

7885
Blocking Fitting, Male BSPT Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
6	R1/8	7885 06 10
	R1/4	7885 06 13
8	R1/4	7885 08 13
	R3/8	7885 08 17
10	R3/8	7885 10 17
12	R1/2	7885 12 21

Pre-coated thread

7881
Blocking Fitting, Male/Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

C1	C2	References
G1/8	G1/4	7881 13 10
G1/4	G1/4	7881 13 13
G3/8	G3/8	7881 17 17
G1/2	G1/2	7881 21 21

7886
Blocking Fitting, Male/Female BSPT Thread

Nickel-plated brass, NBR

Scan for more dimensions

C1	C2	References
R1/8	R1/4	7886 13 10
R1/4	R1/4	7886 13 13
R3/8	R3/8	7886 17 17
R1/2	R1/2	7886 21 21

Pre-coated thread

7883
Blocker/Flow Regulator, Exhaust, Male BSPP Thread

Nickel-plated brass, technical polymer, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	7883 04 10
6	G1/8	7883 06 10
	G1/4	7883 06 13
8	G1/4	7883 08 13
	G3/8	7883 08 17

Combination of blocking and flow regulation functions
Working temperature: 0 to 70°C

SOFT START FITTINGS

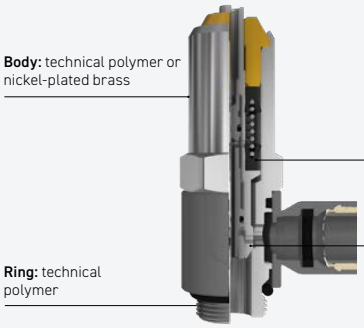
Following a compressed air cut-off, the reliability of these Legris fittings ensures that the system is gradually repressurised to guarantee operator safety and prevent industrial risks.

Technical specifications

- **Fluids:** compressed air
- **Operating pressure:** 3 to 10 bar
- **Operating temperature:** -15°C to +60°C
- **Tube diameter:** 8 to 10 mm
- **Connection:** G1/4 to G3/8 (BSPP)
- **Regulations:** RoHS, REACH, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

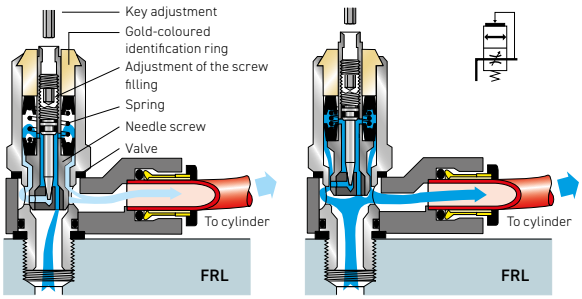
- **Pressurisation time adjustment** to suit most pneumatic installations.
- **Securing the adjustment** with a countersunk screw to prevent accidental misalignment.
- **Identification by coloured rings facilitates installation:** yellow for FRL and black for distributor.

Recommended applications

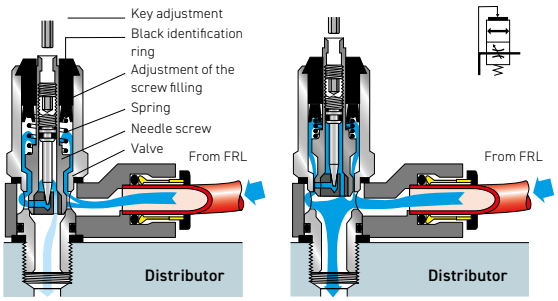
Ensures controlled and safe pressure restoration of the cylinder

Operating principle

Version for FRL



Version for distributor



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Installation guide

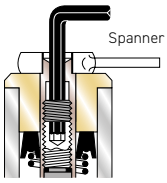
Tightening torque Maximum (daN.m)	Threads	
	G1/4	G3/8
	0.5	0.6

Adjustment of the needle screw

Adjusting the needle valve optimises the filling time according to the volume and specific characteristics of the installation.

To adjust:
- immobilise the piston using a 4 mm spanner
- adjust the needle screw with a hex key
  - 1.5 spanner for Ø 8 mm and 7871 model
  - 2.5 mm spanner for Ø 10 and 12 mm

Maximum tightening torque: 0.1 daN.m

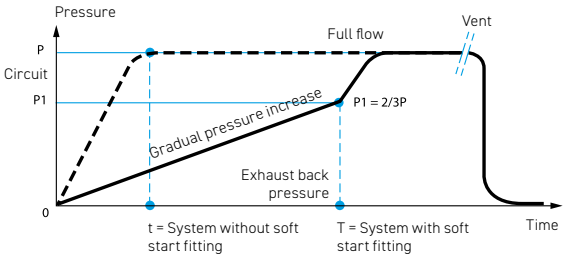


User guide

Vent characteristics (Nl/min)	Model	Flow rate at 6 bar	Kv
	7860 08 13	1500 Nl/min	0.80
	7860 10 13	2100 Nl/min	1.20
	7860 10 17	2200 Nl/min	1.30
	7860 12 17	3100 Nl/min	1.00
	7860 12 21	3100 Nl/min	1.00
	7861 13 13	2100 Nl/min	1.20
	7861 17 17	3100 Nl/min	1.00
	7861 21 21	3100 Nl/min	1.00
	7870 08 13	1500 Nl/min	0.80
	7870 10 13	2000 Nl/min	1.15
	7870 10 17	2000 Nl/min	1.15
	7871 13 13	2000 Nl/min	1.15
	7871 17 17	2000 Nl/min	1.15

Cylinder pressure cycle

When the downstream pressure reaches two-thirds of the supply pressure, full flow is automatically established.



7860

Soft Start Fitting for Isolating Valve, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
8	G1/4	7860 08 13
10	G1/4	7860 10 13
	G3/8	7860 10 17

7870

Soft Start Fitting for Control Valve, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
8	G1/4	7870 08 13
10	G1/4	7870 10 13
	G3/8	7870 10 17

7871

Soft Start Fitting for Control Valve, Male/Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

C	References
G1/4	7871 13 13

LEGRIS NON-RETURN VALVES

Thanks to their robustness, Legris non-return valves allow compressed air to pass in one direction while blocking it in the other, thus ensuring optimum protection for the installation.

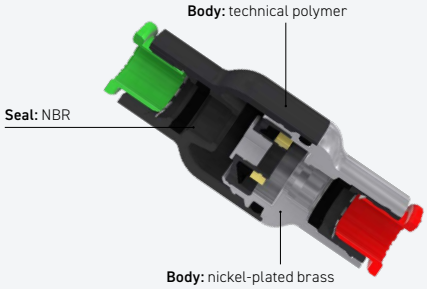
TECHNICAL POLYMER NON-RETURN VALVES

Technical specifications

- **Fluids:** compressed air
- **Operating pressure:** 0.3 to 10 bar with minimum trigger threshold of 0.3 bar
- **Operating temperature:** 0°C to +70°C
- **Tube diameter:** 4 to 12 mm
- **Connection:** G1/8 to G1/2 (BSPP) – R1/8 to R1/2 (BSPT)
- **Regulations:** RoHS, REACH, PED, ISO 13849-1

Performance depends on the fluid, material and tube used.

Component materials



Benefits

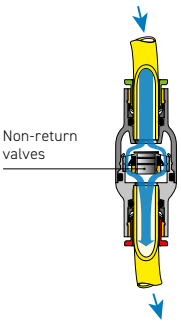
- **"Safety" product** : endurance tested in accordance with the requirements of DI 2006/42/EC (B10d > 100 million cycles according to ISO 19973).
- **Easy to assemble** thanks to the arrow indicating the direction of fluid flow.
- **Secure assembly** thanks to colour coding indicating the function at the supply (green) and exhaust (red).
- **Available in threaded or push-in versions** to fit into any configuration.

Recommended applications

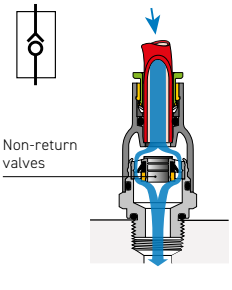
Protects the installation by ensuring unidirectional flow

Operating principle

In-Line Version

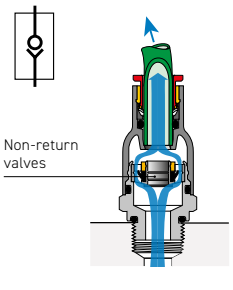


Supply Version



Models 7984-7985

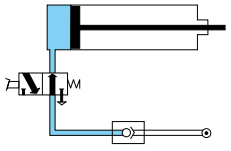
Exhaust version



Models 7994-7995

Installation guide

Installation diagram



User guide

	Diameters	Air flow rate at 6 bar
Flow characteristics (Nl/min)	4 mm	350 Nl/min
	6 mm	670 Nl/min
	8 mm	1080 Nl/min
	10 mm	2230 Nl/min
	12 mm	2300 Nl/min

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7996
In-Line Equal Non-Return Valve

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	References
4	7996 04 00
6	7996 06 00
8	7996 08 00
10	7996 10 00
12	7996 12 00

7984
In-Line Non-Return Valve, Supply, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7984 04 19
	G1/8	7984 04 10
6	G1/8	7984 06 10
	G1/4	7984 06 13
8	G1/8	7984 08 10
	G1/4	7984 08 13

7994
In-Line Non-Return Valve, Exhaust, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7994 04 19
	G1/8	7994 04 10
6	G1/8	7994 06 10
	G1/4	7994 06 13
8	G1/8	7994 08 10
	G1/4	7994 08 13
12	G1/2	7994 12 21

7985
In-Line Non-Return Valve, Supply, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	7985 04 10
6	R1/8	7985 06 10
	R1/4	7985 06 13
8	R1/8	7985 08 10
	R1/4	7985 08 13
12	R1/2	7985 12 21

Pre-coated thread

7995
In-Line Non-Return Valve, Exhaust, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
6	R1/8	7995 06 10
	R1/4	7995 06 13
8	R1/4	7995 08 13
12	R3/8	7995 12 17

Pre-coated thread

LEGRIS NON-RETURN VALVES

VERSION **316L STAINLESS STEEL NON-RETURN VALVES**

Technical specifications

Fluids: compressed air

Operating pressure: 0.25 to 40 bar with trigger threshold at 0.25 bar

Operating temperature: -20°C to +180°C

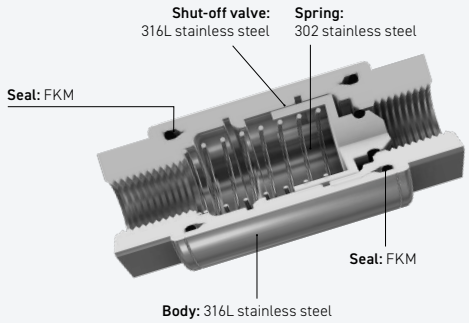
Nominal diameter: **10 to 25 mm**

Connection: G1/8 to G1" (BSPP) – R1/8 to R1 (BSPT) – NPT1/8 to 1/2

Regulations: RoHS, REACH, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

- **Designed with robust materials** to withstand harsh and corrosive environments.
- **Smooth exterior design** with no retention areas, designed to facilitate cleaning and prevent contamination.
- **Secure installation** thanks to the arrow indicating the direction of installation.

User guide

	Threads	Nl/min	Kv
Flow characteristics in water	G1/8	18.88	1.60
	G1/4	19.91	1.69
	G3/8	35.54	3.01
	G1/2	36.50	3.10
	G3/4	65.86	5.59
	G1	92.60	7.86

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4890

Non-Return Valve, Female BSPP Thread

Stainless steel 316L, FKM

Scan for more dimensions

DN	C	References
10	G1/8	4890 10 10
	G1/4	4890 13 13
15	G3/8	4890 17 17
	G1/2	4890 21 21
20	G3/4	4890 27 27
25	G1	4890 34 34

4892

Non-Return Valve, Supply, Female BSPP Thread/Exhaust, Male BSPP Thread

Stainless steel 316L, FKM

Scan for more dimensions

DN	C	C1	References
10	G1/8	R1/8	4892 10 10
	G1/4	R1/4	4892 13 13
15	G3/8	R3/8	4892 17 17
	G1/2	R1/2	4892 21 21
20	G3/4	R3/4	4892 27 27
25	G1	R1	4892 34 34

4891

Non-Return Valve, Supply, Male BSPP Thread/Exhaust, Female BSPP Thread

Stainless steel 316L, FKM

Scan for more dimensions

DN	C	C1	References
10	R1/8	G1/8	4891 10 10
	R1/4	G1/4	4891 13 13
15	R3/8	G3/8	4891 17 17
	G1/2	G1/2	4891 21 21
20	R1/8	G3/4	4891 27 27
25	R1	G1	4891 34 34

4895

Non-Return Valve, Female NPT Thread

Stainless steel 316L, FKM

Scan for more dimensions

DN	C	References
10	NPT1/8	4895 11 11
	NPT1/4	4895 14 14
15	NPT3/8	4895 18 18
	NPT1/2	4895 22 22

LEGRIS ADJUSTABLE CHECK VALVES

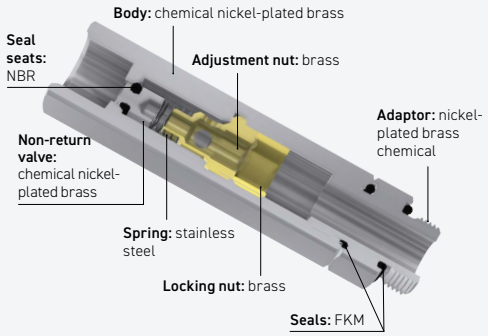
In addition to their non-return function, the design of these Legris fittings offers customers the possibility of precisely adjusting the opening threshold of the shut-off valve for greater flexibility of use.

Technical specifications

- **Fluids:** compressed air
- **Operating pressure:** 0 to 12 bar
- **Operating temperature:** -20°C to +80°C
- **Connection:** G1/8 to G1/2 (BSPP)
- **Regulations:** RoHS, REACH, PED, FDA

Performance depends on the fluid, material and tube used.

Component materials



Benefits

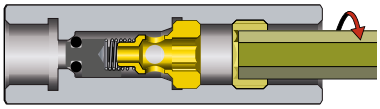
- **Ease of use** through precise adjustment of the valve opening threshold with two hex keys.
- **Optimal safety** thanks to the locking nut, which prevents any misalignment caused by vibrations or accidental manipulation.
- **Surface treatment reinforced by high phosphorus chemical nickel plating,** offering resistance suited to the stringent requirements of the food processing industry and other harsh environments.

Recommended applications

Protects the cylinder from back pressure with precise, adjustable flow control

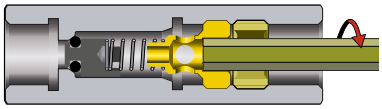
Operating principle

Step 1



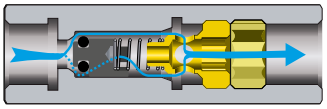
Unscrew the locking nut with an Allen key.

Step 2



Unscrew the adjustment nut with a smaller Allen key to adjust the cracking pressure. The number of turns allows the cracking pressure from 1 bar to 0.10 bar.

Step 3



Tighten the locking nut with the Allen key to lock the cracking pressure setting. Then control the pressure with a pressure gauge downstream.

Installation guide

Maximum tightening torque (daN.m)	Threads			
	G1/8	G1/4	G3/8	G1/2
	0.8	1.2	3	3.5

User guide

Valve opening threshold	Threads	0 to 4 turns *(indicative values)*
	G1/8- G1/4 G3/8 G1/2	1 to 0.10 bar 1 to 0.15 bar 1 to 0.20 bar

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7930

Adjustable Check Valve Exhaust, Double Female BSPP and Metric Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

C	References
G1/8	7930 10 10
G1/4	7930 13 13
G3/8	7930 17 17
G1/2	7930 21 21

7931

Adjustable Check Valve Supply, Male/Female BSPP Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

C	References
G1/8	7931 10 10
G1/4	7931 13 13
G1/2	7931 21 21

7932

Adjustable Check Valve Exhaust, Male/Female BSPP Thread

Chemical Nickel-plated brass, FKM

Scan for more dimensions

C	References
G1/8	7932 10 10
G1/4	7932 13 13
G3/8	7932 17 17
G1/2	7932 21 21

LEGRIS PILOT-OPERATED CHECK VALVES

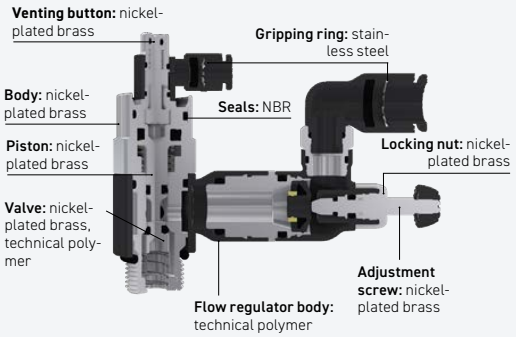
Legris pilot-operated non-return fittings are a simple, effective and economical solution for customers seeking to control the protection of their installations. This 3-in-1 version combines control, flow regulation and purging.

Technical specifications

- **Fluids:** compressed air
- **Operating pressure:** 1 to 10 bar
- **Operating temperature:** -5°C to +60°C
- **Tube diameter:** 6 to 12 mm
- **Connection:** G1/8 to G1/2 (BSPP)
- **Regulations:** RoHS, REACh, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

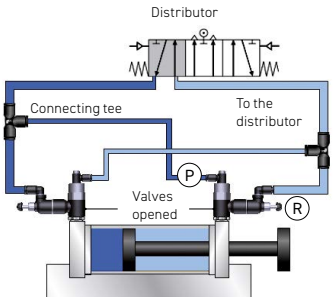
- **Time savings during assembly** thanks to three functions integrated into a single-piece product: pilot-operated non-return valve, flow regulator, manual exhaust valve.

Recommended applications

3-in-1 fitting to optimise and secure cylinder performance

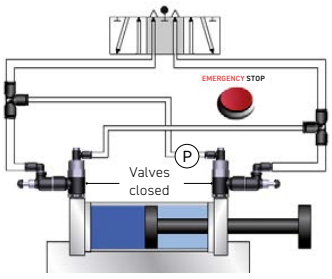
Operating principle

Normal operation



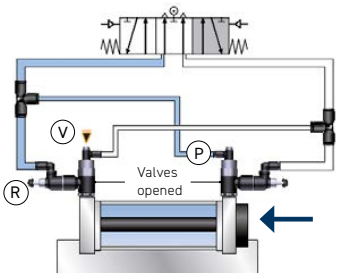
Pilot signal (P)
Cylinder speed control (R)

Emergency shutdown or pressure drop



Pilot pressure drop (P) = cylinder rod blocked

Venting operation



Venting (V) returns the cylinder rod to the start position, emptying the pressure chamber through the flow regulator (R) and the pilot line (P)

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User guide

Model	Pilot and unpilot threshold					
		2 bar	4 bar	6 bar	8 bar	10 bar
G1/8	Pilot pressure	1.2	1.72	2.44	2.96	3.56
	Depilot Pressure	0.56	0.96	1.12	1.76	2.12
G1/4	Pilot pressure	0.92	1.52	2.12	2.68	3.28
	Depilot Pressure	0.64	1.16	1.68	2.16	2.64
G3/8	Pilot pressure	1.12	1.84	2.56	3.32	4.08
	Depilot Pressure	0.64	1.04	1.44	1.84	2.36
G1/2	Pilot pressure	1.04	1.60	2.12	2.76	3.88
	Depilot Pressure	0.76	1.28	1.76	2.20	2.72

Maximum flow rate at 6 bar (Nl/min)	7894 06 10	7894 06 13	7894 08 10	7894 08 13	7894 08 17	7894 10 17	7894 10 21	7894 12 21
Adjustment direction	250	475	240	585	875	940	1535	1560
Return direction	365	620	355	815	1085	1205	1860	1940

7892

Piloted Non-Return Valve, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
6	G1/8	7892 06 10
	G1/4	7892 06 13
8	G1/8	7892 08 10
	G1/4	7892 08 13
	G3/8	7892 08 17
10	G3/8	7892 10 17
	G1/2	7892 10 21
12	G1/2	7892 12 21

7894

Piloted Non-Return Valve with Flow Regulator Exhaust, Male BSPP Thread

Technical polymer, Nickel-plated brass

Scan for more dimensions

ØD	C	References
6	G1/8	7894 06 10
	G1/4	7894 06 13
8	G1/8	7894 08 10
	G1/4	7894 08 13
	G3/8	7894 08 17
10	G3/8	7894 10 17
	G1/2	7894 10 21
12	G1/2	7894 12 21

LEGRIS FLOW CONTROL REGULATORS

Legris flow regulators combine precision, consistent adjustment and compactness to deliver the best performance in pneumatic installations, whether mounted directly on the cylinder or in line.

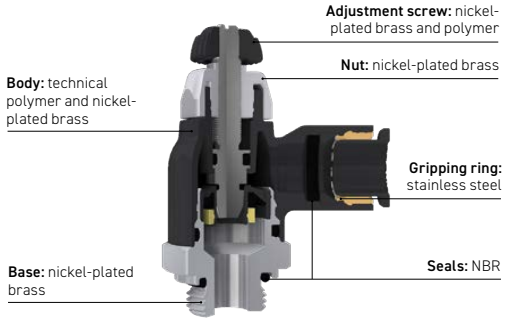
VERSION **TECHNICAL POLYMER FLOW CONTROL REGULATORS**

Technical specifications

- **Fluids:** compressed air
- **Operating pressure:** 1 to 10 bar
- **Operating temperature:** 0°C to +70°C
- **Tube diameter:** 4 to 12 mm
- **Connection:** M3 to M5 – G1/8 to G1/2 (BSPP) – RP1/8 to 1/2 (BSPT)
- **Regulations:** RoHS, REACH, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

- **Best flow rate on the market,** optimising the speed of movement of the cylinder rod for increased productivity.
- **Precise and gradual adjustment,** ensuring flow stability over time and greater application accuracy.
- **Optimised ergonomics thanks to:**
  • A visible screw for easy adjustment without tools, with a locking mechanism to secure the setting.
  • A more compact recessed screw offering enhanced security.
- **360° orientation,** enabling flexible and simplified installation in all installations.
- **Visual identification on the product** (pneumatic symbol and letter A/B/C) for quick identification of the function.

Recommended applications

Precisely adjusts the air flow in the cylinder chamber for optimal control of the rod speed

Precisely adjusts the air flow to suit different machine equipment

Installation guide

Maximum tightening torque (daN.m) *external screw*	Threads	M3x0.5	M5x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	0.06	0.16	0.8	1.2	3	3.5
Maximum tightening torque (daN.m) *recessed screw*	Threads	-	M5x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	-	0.1	0.4	0.5	0.6	0.7

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VERSION **NICKEL-PLATED BRASS/TREATED ALUMINIUM**

Technical specifications

Fluids: compressed air

Operating pressure: 1 to 10 bar

Operating temperature: -25°C to +70°C

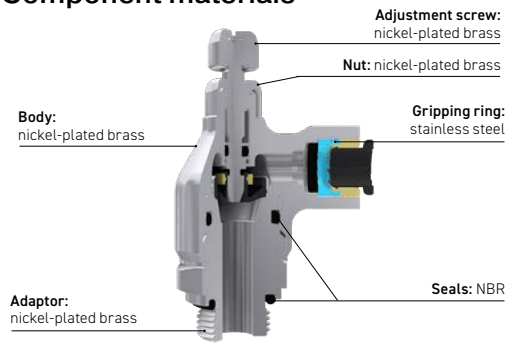
Tube diameter: 4 to 14 mm

Connection: M5 – G1/8 to G1/2 (BSPP)

Regulations: RoHS, REACH, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

Nickel-plated brass flow regulators offer the same advantages as the technical polymer version but **can be used in aggressive environments**.

Installation guide

Maximum tightening torque (daN.m) *external screw*	Threads	M5x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	0.16	0.8	1.2	3	3.5
Maximum tightening torque (daN.m) *recessed screw*	Threads	M5x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	0.1	0.4	0.5	0.6	0.7

VERSION **STAINLESS STEEL FLOW REGULATORS**

Technical specifications

Fluids: compressed air

Operating pressure:
Regulators: 1 to 10 bar
In-line regulators: 1 to 40 bar

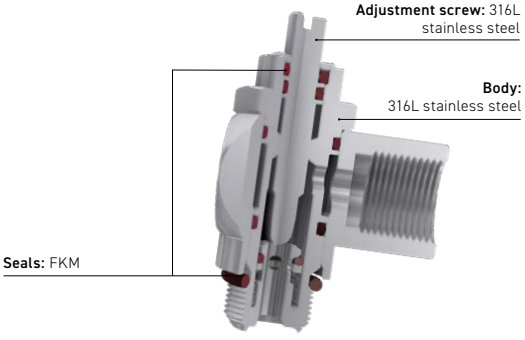
Operating temperature:
Regulators: 0°C to +70°C
In-line regulators: -15°C to +120°C

Connection: M5 - G1/8 to G1/2 (BSPP)

Regulations: RoHS, REACH, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

Stainless steel flow regulators offer the same advantages as the technical polymer version but **can be used in aggressive and corrosive environments**.

Installation guide

Maximum tightening torque (daN.m) *external screw*	Threads	M5x0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	0.16	0.8	1.2	3	3.5

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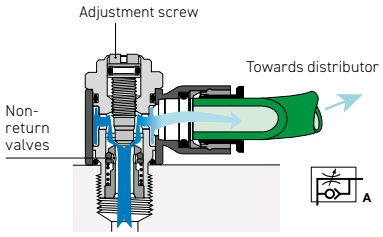
LEGRIS FLOW CONTROL REGULATORS

Operating principle

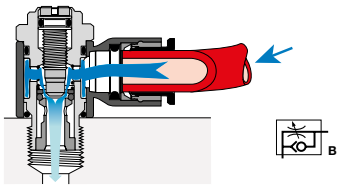
Depending on the model, Legris flow control regulators are either unidirectional or bidirectional.
Unidirectional in type, they regulate air flow in one direction by means of an adjustable restriction and allow air to pass freely in the other direction.
Bidirectional, they allow the air flow to be adjusted in both directions.
A more precise and consistent flow rate adjustment is achieved with a regulator mounted on the cylinder exhaust.

RECESSED SCREW MODELS

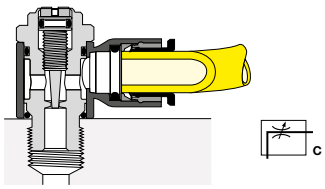
Unidirectional exhaust model



Unidirectional supply model

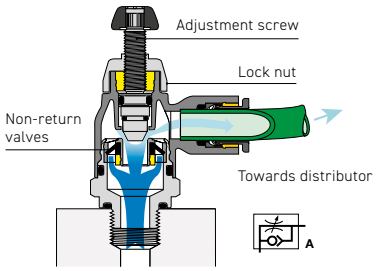


Bidirectional model

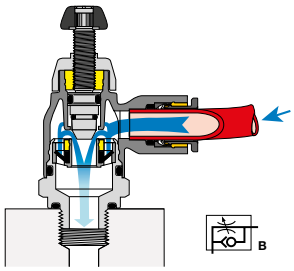


EXTERNAL SCREW MODELS

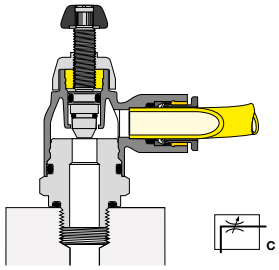
Unidirectional exhaust model



Unidirectional supply model

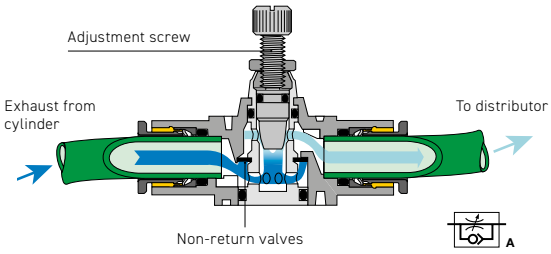


Bidirectional model

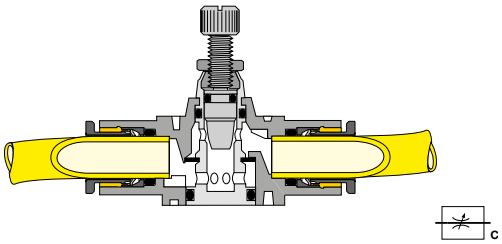


IN-LINE MODELS

Unidirectional model



Bidirectional model



For instant visual identification, each version of Legris flow control regulator is identified by the corresponding pneumatic symbol and a letter:

- Unidirectional adjustment on exhaust: letter A
- Unidirectional adjustment on supply: letter B
- Bidirectional adjustment: letter C

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Flow control regulators in technical polymer

7010
Flow Regulator exhaust Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7010 04 19
	G1/8	7010 04 10
6	M5x0.8	7010 06 19
	G1/8	7010 06 10
	G1/4	7010 06 13
8	G1/8	7010 08 10
	G1/4	7010 08 13
	G3/8	7010 08 17
10	G1/4	7010 10 13
	G3/8	7010 10 17
	G1/2	7010 10 21
12	G3/8	7010 12 17
	G1/2	7010 12 21

7011
Flow Regulator Supply Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7011 04 19
	G1/8	7011 04 10
6	M5x0.8	7011 06 19
	G1/8	7011 06 10
	G1/4	7011 06 13
8	G1/8	7011 08 10
	G1/4	7011 08 13
	G3/8	7011 08 17
10	G1/4	7011 10 13
	G3/8	7011 10 17

7012
Bi-Directional Flow Regulator Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7012 04 19
	G1/8	7012 04 10
6	M5x0.8	7012 06 19
	G1/8	7012 06 10
	G1/4	7012 06 13
8	G1/8	7012 08 10
	G1/4	7012 08 13
	G3/8	7012 08 17

7061
Compact Flow Regulator Supply, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	7061 04 10
6	G1/8	7061 06 10
	G1/4	7061 06 13
8	G1/8	7061 08 10
	G1/4	7061 08 13
	G3/8	7061 08 17
10	G1/4	7061 10 13
	G3/8	7061 10 17
12	G1/2	7061 12 21

7060
Compact Flow Regulator Exhaust, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	7060 04 10
6	G1/8	7060 06 10
	G1/4	7060 06 13
8	G1/8	7060 08 10
	G1/4	7060 08 13
	G3/8	7060 08 17
10	G1/4	7060 10 13
	G3/8	7060 10 17
12	G3/8	7060 12 17
	G1/2	7060 12 21

7062
Bi-Directional Compact Flow Regulator, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	7062 04 10
6	G1/8	7062 06 10
	G1/4	7062 06 13
8	G1/8	7062 08 10
	G1/4	7062 08 13
	G3/8	7062 08 17

7065
Compact Flow Regulator Exhaust, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
6	R1/8	7065 06 10
8	R1/8	7065 08 10
	R1/4	7065 08 13
10	R1/4	7065 10 13
	R3/8	7065 10 17
	R1/2	7065 10 21
12	R1/4	7065 12 13
	R3/8	7065 12 17
	R1/2	7065 12 21

Pre-coated thread

7067
Bi-Directional Compact Flow Regulator, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	7067 04 10
6	R1/8	7067 06 10
	R1/4	7067 06 13
8	R1/8	7067 08 10
	R1/4	7067 08 13
	R3/8	7067 08 17

Pre-coated thread

7668
Miniature Flow Regulator Supply, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
6	R1/8	7668 06 10
8	R1/8	7668 08 10
	R1/4	7668 08 13

Pre-coated thread

7660

Miniature Flow Regulator Exhaust, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
3	M3x0.5	7660 03 09
	M5x0.8	7660 03 19
4	M3x0.5	7660 04 09
	M5x0.8	7660 04 19
	G1/8	7660 04 10
6	M5x0.8	7660 06 19
	G1/8	7660 06 10
	G1/4	7660 06 13
8	G1/8	7660 08 10
	G1/4	7660 08 13
	G3/8	7660 08 17

7665

Miniature Flow Regulator Exhaust, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	R1/8	7665 04 10
6	R1/8	7665 06 10
	R1/4	7665 06 13
	R3/8	7665 06 17
8	R1/8	7665 08 10
	R1/4	7665 08 13
	R3/8	7665 08 17

Pre-coated thread

7662

Bi-Directional Miniature Flow Regulator, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7662 04 19
	G1/8	7662 04 10
6	M5x0.8	7662 06 19
	G1/8	7662 06 10
	G1/4	7662 06 13

7669

Miniature Flow Regulator Supply, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
3	M3x0.5	7669 03 09
	M5x0.8	7669 03 19
4	M5x0.8	7669 04 19
	G1/8	7669 04 10
6	M5x0.8	7669 06 19
	G1/8	7669 06 10
	G1/4	7669 06 13
8	G1/8	7669 08 10
	G1/4	7669 08 13
	G3/8	7669 08 17

7040

Compact Flow Regulator Swivel Outlet Exhaust, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
6	G1/8	7040 06 10
	G1/4	7040 06 13
8	G1/8	7040 08 10
	G1/4	7040 08 13
	G3/8	7040 08 17
10	G1/4	7040 10 13
	G3/8	7040 10 17
12	G3/8	7040 12 17
	G1/2	7040 12 21

7640

Miniature Swivel Outlet Flow Regulator Exhaust, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7640 04 19
	G1/8	7640 04 10
6	M5x0.8	7640 06 19
	G1/8	7640 06 10

7649

Miniature Swivel Outlet Flow Regulator Supply, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7649 04 19
6	M5x0.8	7649 06 19
	G1/8	7649 06 10

7770

In-Line One-Way Flow Regulator

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	References
4	7770 04 00
6	7770 06 00
8	7770 08 00
10	7770 10 00
12	7770 12 00

7772

Bi-Directional In-Line Flow Regulator

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	References
4	7772 04 00
6	7772 06 00
8	7772 08 00

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7776

Panel-Mountable In-Line One-Way Flow Regulator

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	References
4	7776 04 00*
6	7776 06 00*
8	7776 08 00
10	7776 10 00
12	7776 12 00

* Ultrafine adjustment

7771

In-Line One-Way Flow Regulator, Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

C	References
G1/8	7771 10 10
G1/4	7771 13 13
G3/8	7771 17 17
G1/2	7771 21 21

7000

Joining Clips

Technical polymer

Scan for more dimensions

ØD	References
4	7000 00 04
6-8	7000 00 05
10-12	7000 00 06

To be used with 7770,7771,7772 and 7776 series.

7030

Compact Plug-In Flow Regulator, Exhaust

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	References
6	7030 06 00
8	7030 08 00
12	7030 12 00

7031

Compact Plug-In Flow Regulator, Supply

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	References
6	7031 06 00
8	7031 08 00

7630

Miniature Plug-In Flow Regulator, Exhaust

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	References
4	7630 04 00
6	7630 06 00

7631

Miniature Plug-In Flow Regulator, Supply

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	References
4	7631 04 00
6	7631 06 00

Flow control regulators in nickel-plated brass / treated aluminium

7130

Flow Regulator, Exhaust, Male BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7130 04 19
	G1/8	7130 04 10
6	M5x0.8	7130 06 19
	G1/8	7130 06 10
	G1/4	7130 06 13
8	G1/8	7130 08 10
	G1/4	7130 08 13
	G3/8	7130 08 17
10	G1/4	7130 10 13
	G3/8	7130 10 17
	G1/2	7130 10 21
12	G3/8	7130 12 17
	G1/2	7130 12 21

7140

Flow Regulator Exhaust, Male/ Female BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

C	References
M5x0.8	7140 19 19
G1/8	7140 10 10
G1/4	7140 13 13
G3/8	7140 17 17
G1/2	7140 21 21

7160

Flow Regulator with Brass Compression Fitting, Exhaust, Male BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	7160 04 10
6	G1/8	7160 06 10
8	G1/8	7160 08 10
	G1/4	7160 08 13
10	G3/8	7160 10 17
12	G1/2	7160 12 21

7100

Compact Flow Regulator, Exhaust, Male BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	7100 04 10
6	G1/8	7100 06 10
	G1/4	7100 06 13
8	G1/8	7100 08 10
	G1/4	7100 08 13
	G3/8	7100 08 17
10	G1/4	7100 10 13
	G3/8	7100 10 17
12	G3/8	7100 12 17
	G1/2	7100 12 21
14	G1/2	7100 14 21

7101

Compact Flow Regulator, Supply, Male BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	7101 04 10
6	G1/8	7101 06 10
	G1/4	7101 06 13
8	G1/8	7101 08 10
	G1/4	7101 08 13

7680

Compact Flow Regulator, Exhaust, Male BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
6	G1/8	7680 06 10
8	G1/8	7680 08 10
	G1/4	7680 08 13
10	G3/8	7680 10 17

7110

Compact Flow Regulator Exhaust, Male/Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

C	References
G1/8	7110 10 10
G1/4	7110 13 13
G3/8	7110 17 17
G1/2	7110 21 21

7111

Compact Flow Regulator Supply, Male/Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

C	References
G1/8	7111 10 10
G1/4	7111 13 13

7180

Miniature Flow Regulator Exhaust, Male BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7180 04 19
	G1/8	7180 04 10
6	M5x0.8	7180 06 19
	G1/8	7180 06 10
8	G1/8	7180 08 10

7190

Miniature Flow Regulator Exhaust, Male/ Female BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

C	References
M5x0.8	7190 19 19
G1/8	7190 10 10

7170

Panel-Mountable In-Line Flow Regulator, Female BSPP and Metric Thread

Treated aluminium, NBR, brass

Scan for more dimensions

C	References
M5x0.8	7170 19 19
G1/8	7170 10 10
G1/4	7170 13 13
G3/8	7170 17 17
G1/2	7170 21 21

Flow control regulators in stainless steel

7810

Flow Regulator Exhaust, Male/ Female BSPP and Metric Thread

Stainless steel 316L, FKM

Scan for more dimensions

C	References
M5x0.8	7810 19 19
G1/8	7810 10 10
G1/4	7810 13 13
G3/8	7810 17 17
G1/2	7810 21 21

7812

Bi-Directional Flow Regulator, Male/ Female BSPP and Metric Thread

Stainless steel 316L, FKM

Scan for more dimensions

C	References
M5x0.8	7812 19 19
G1/8	7812 10 10
G1/4	7812 13 13
G3/8	7812 17 17
G1/2	7812 21 21

7820

In-Line One-Way Flow Regulator, Female BSPP Thread

Stainless steel 316L, FKM

Scan for more dimensions

DN	C	References
7	G1/8	7820 00 10
7	G1/4	7820 00 13
9	G3/8	7820 00 17
12	G1/2	7820 00 21

7822

Bi-Directional In-Line Flow Regulator, Female BSPP Thread

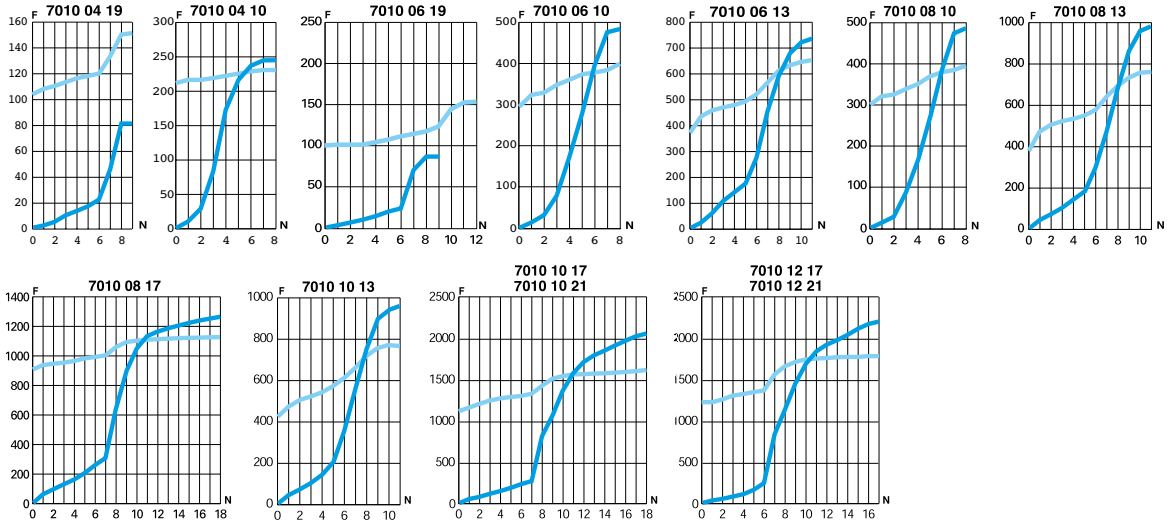
Stainless steel 316L, FKM

Scan for more dimensions

DN	C	References
7	G1/8	7822 00 10
7	G1/4	7822 00 13
9	G3/8	7822 00 17
12	G1/2	7822 00 21

7010
7011
7012

7010



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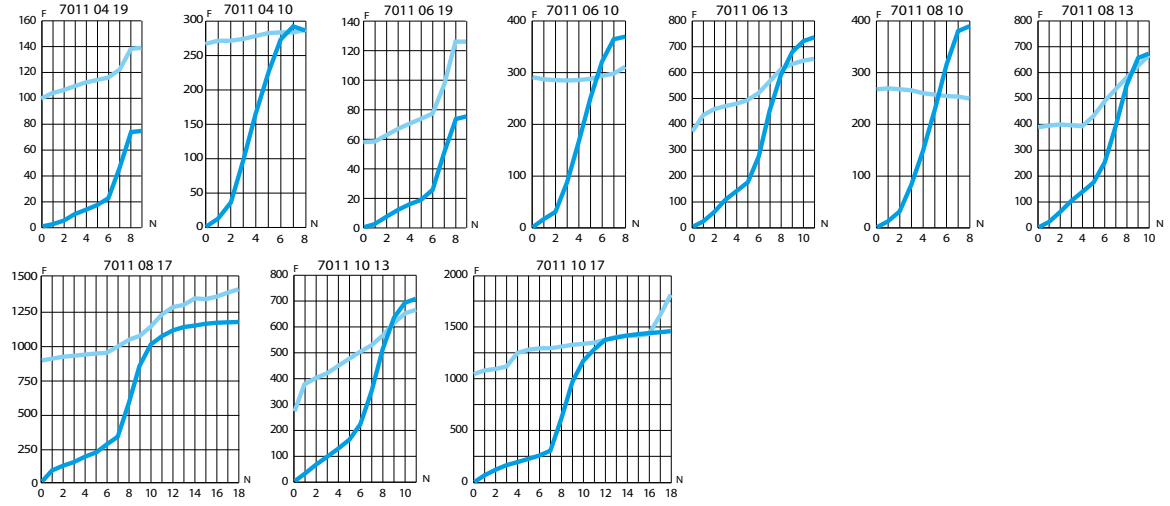

7012

Flow characteristics for model 7012:
- exhaust version (see model 7010, direction of adjustment)
- supply version (see model 7011, direction of adjustment)

6 bar

Direction of adjustment
Return

F: Flow in Nl/min
N: Number of turns

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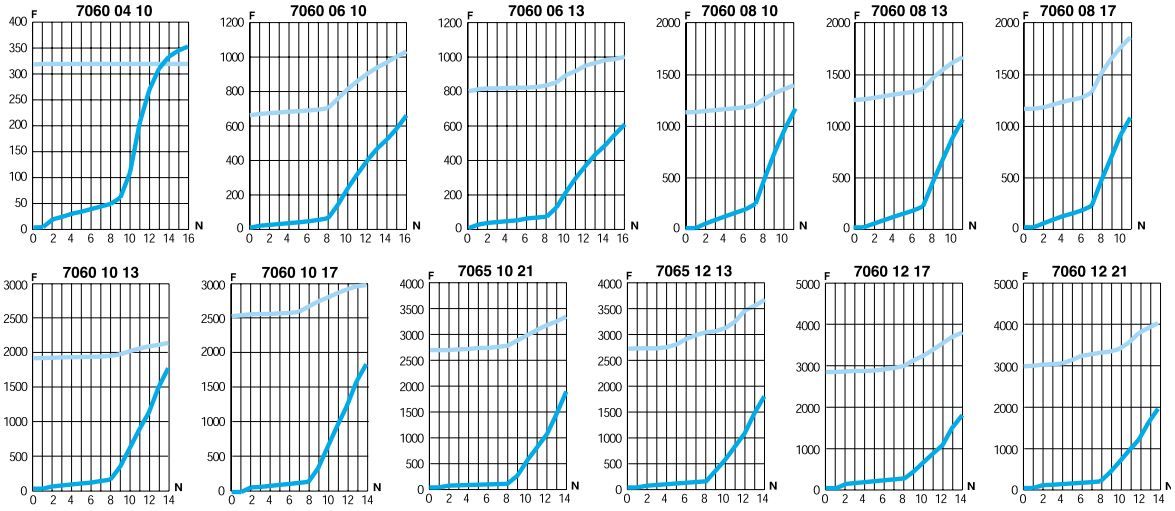
7060
7061
7062

7060



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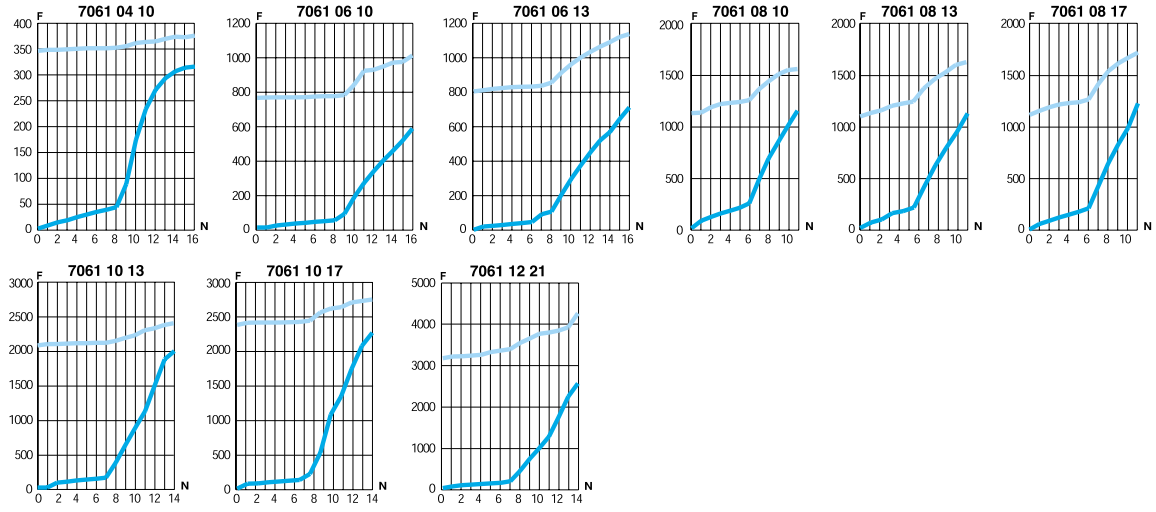

7062

Flow characteristics for model 7062:
- exhaust version (see model 7060, direction of adjustment)
- supply version (see model 7061, direction of adjustment)

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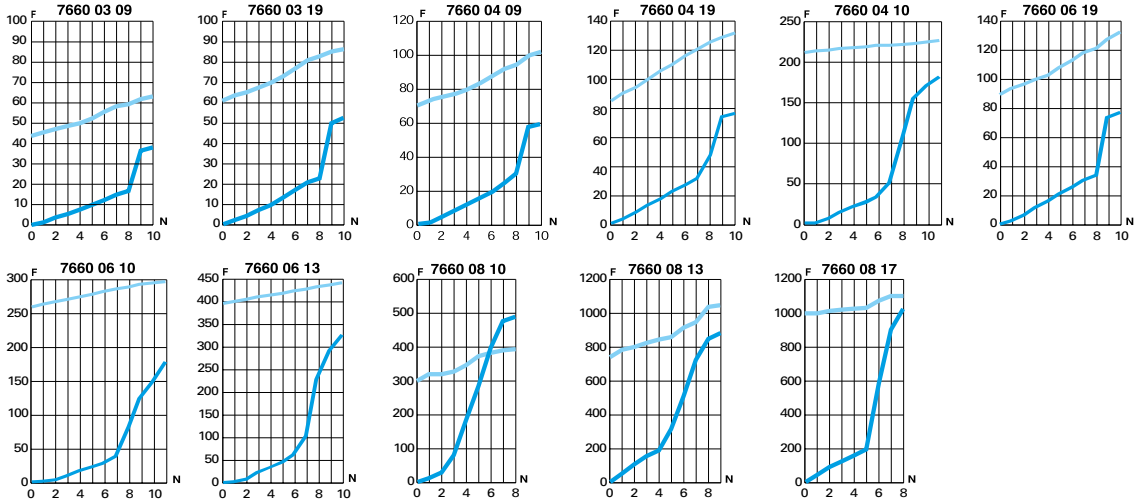
7660
7669
7662

7660



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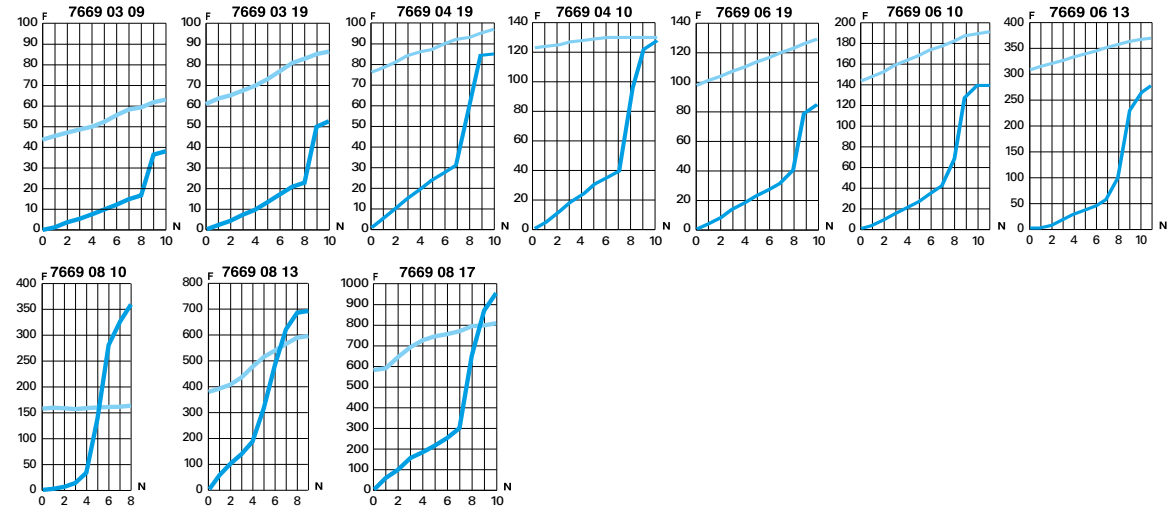

7662

Flow characteristics for model 7662:
- exhaust version: see model 7660, direction of adjustment
- supply version: see model 7669, direction of adjustment

6 bar

Direction of adjustment

Return

F: Flow in Nl/min

N: Number of turns

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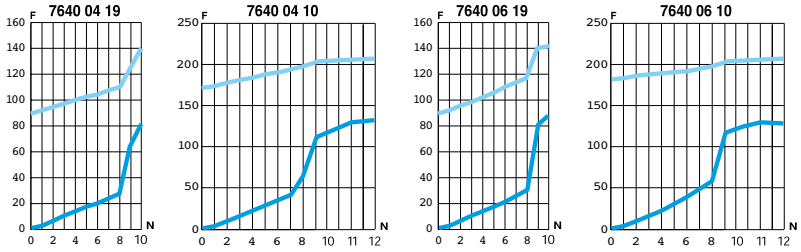
7640
7649

7640



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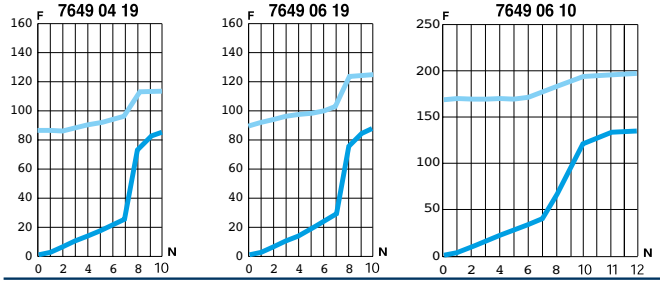

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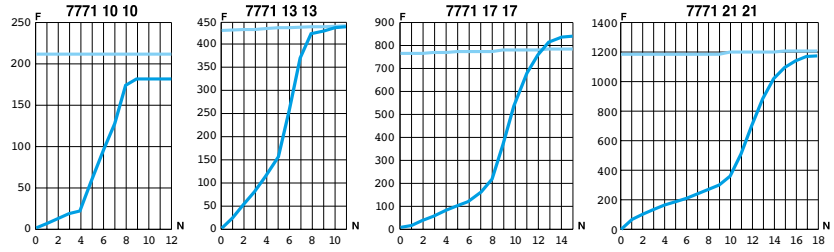

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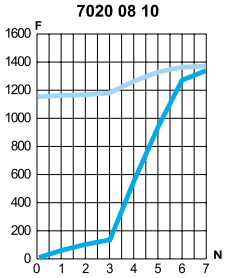

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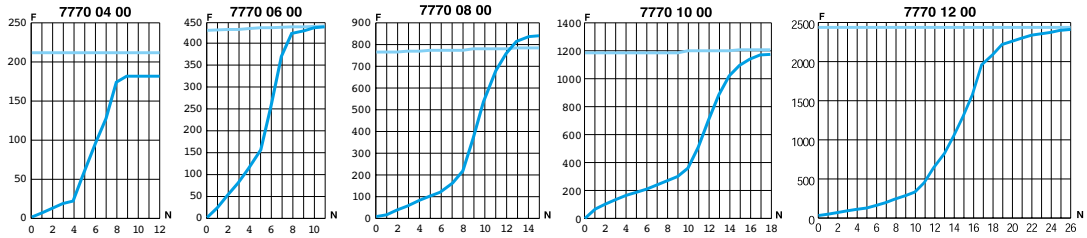
7770



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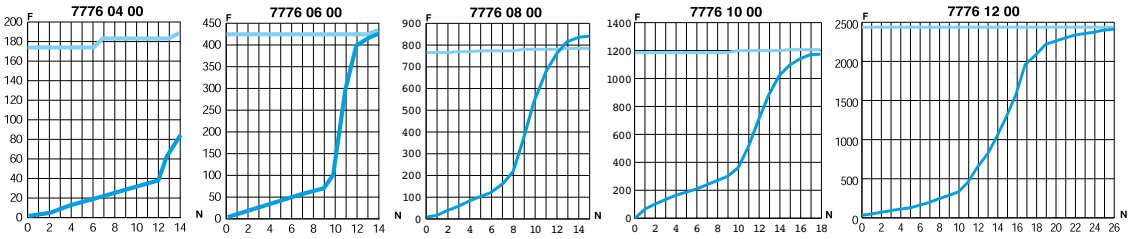
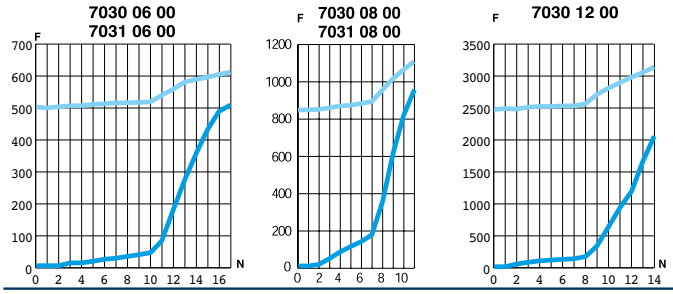


7030
7031



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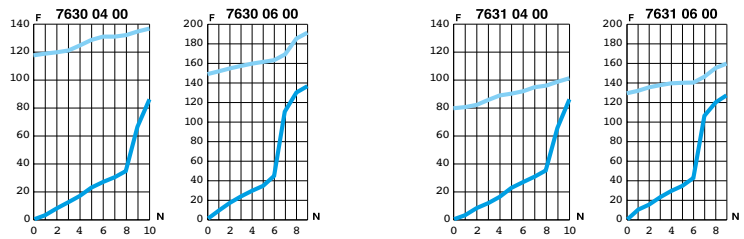
7631



6 bar

Direction of adjustment

Return

F: Flow in Nl/min

N: Number of turns

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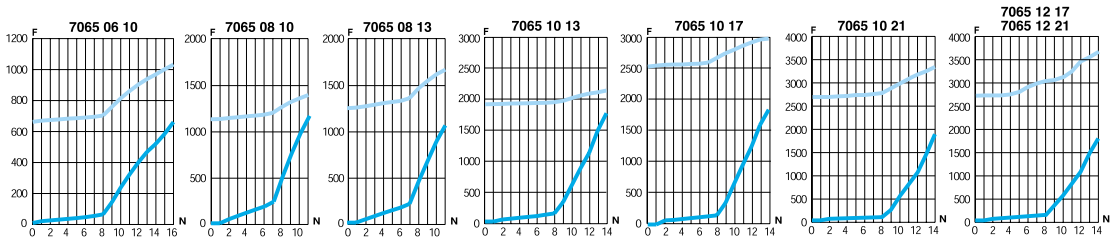
7065
7067

7065



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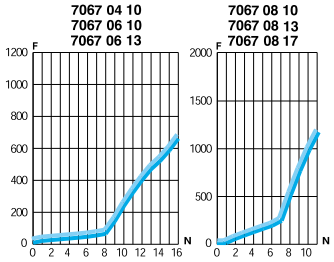
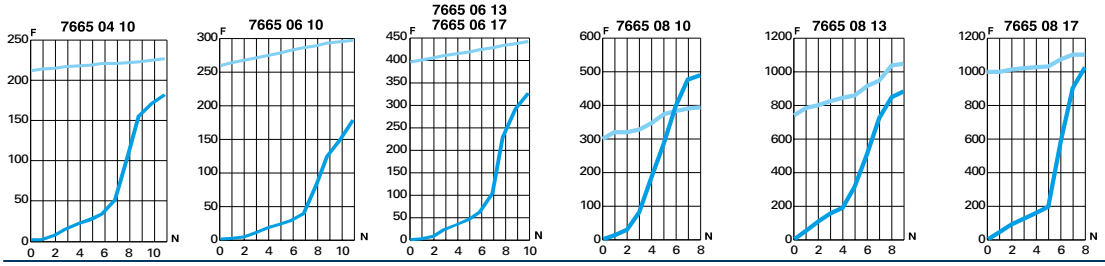


7665
7668

7665



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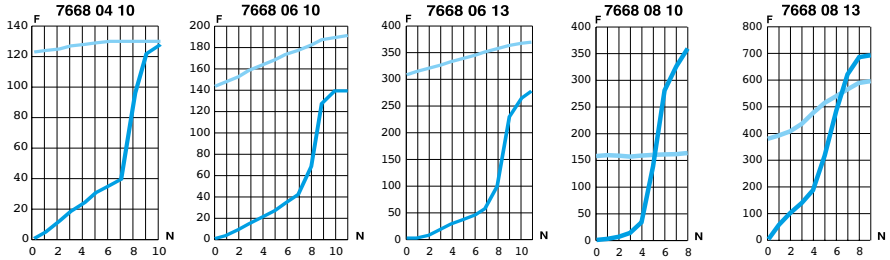

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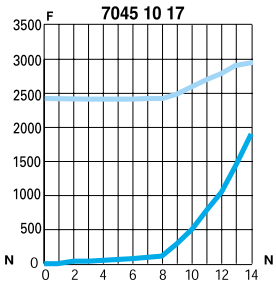
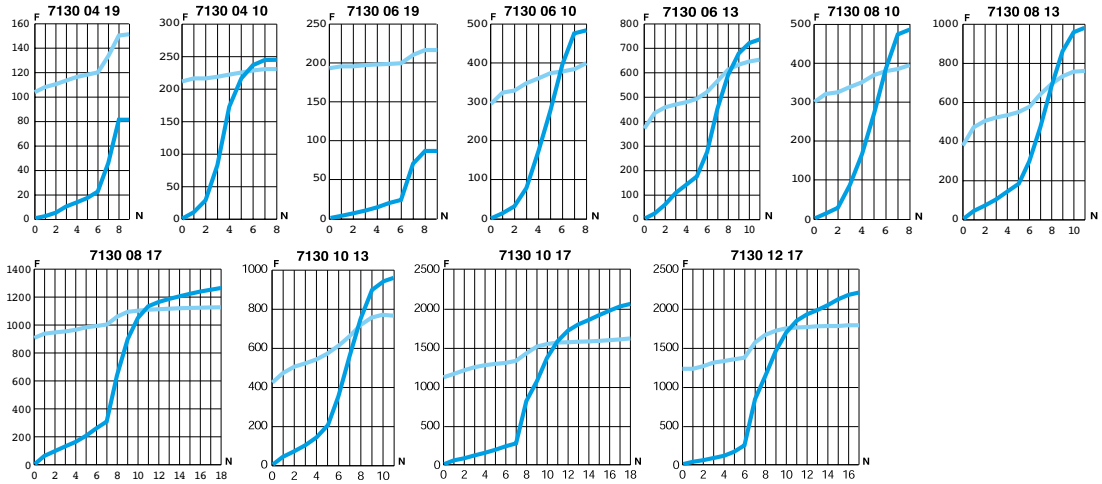


7130



6 bar

Direction of adjustment

Return

F: Flow in Nl/min

N: Number of turns

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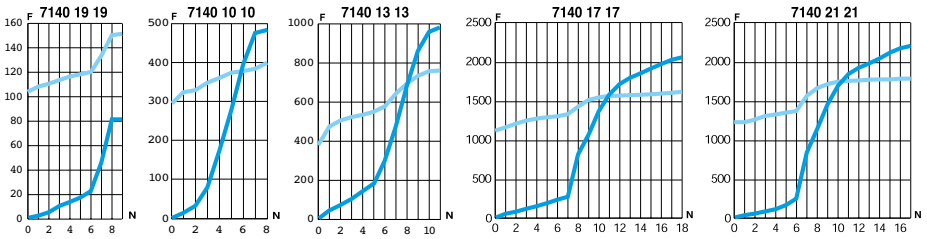
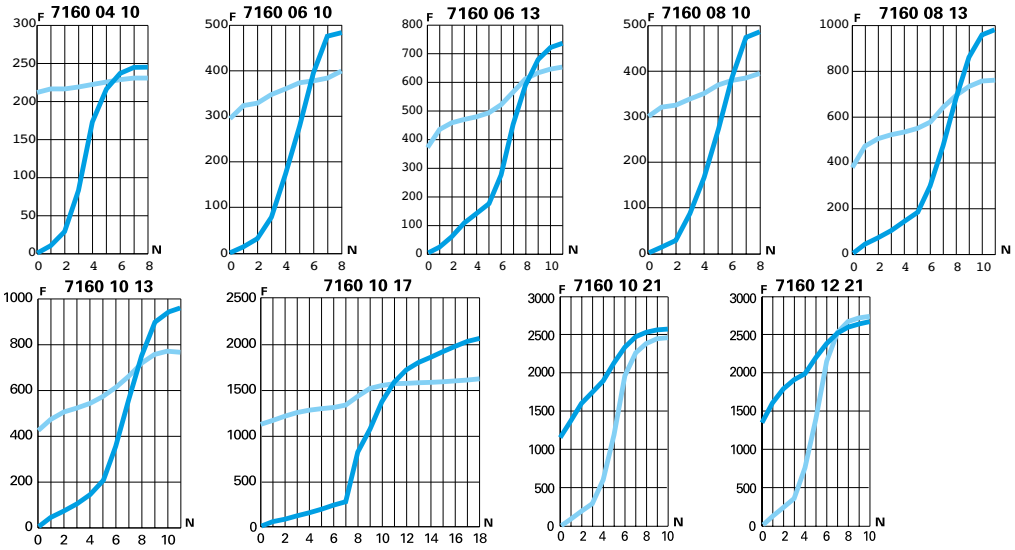
7140

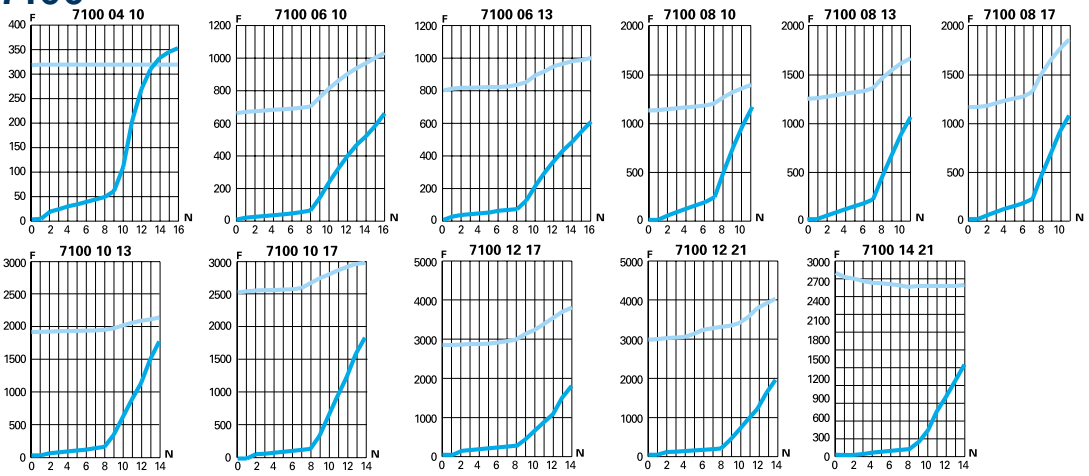

7140 19 19
7140 10 10
7140 13 13
7140 17 17
7140 21 21
F
N

7160


7160 04 10
7160 06 10
7160 06 13
7160 08 10
7160 08 13
7160 10 13
7160 10 17
7160 10 21
7160 12 21
F
N

7100
7101

7100



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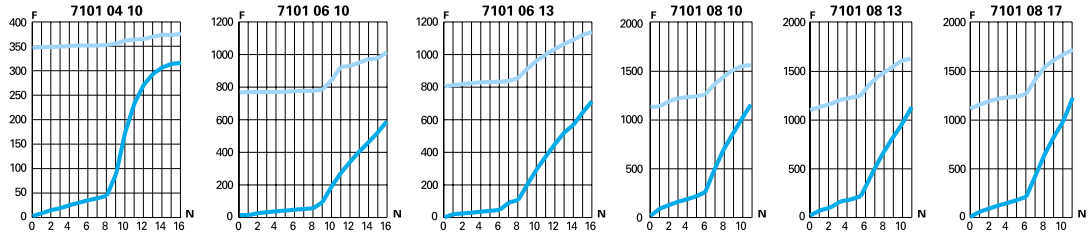
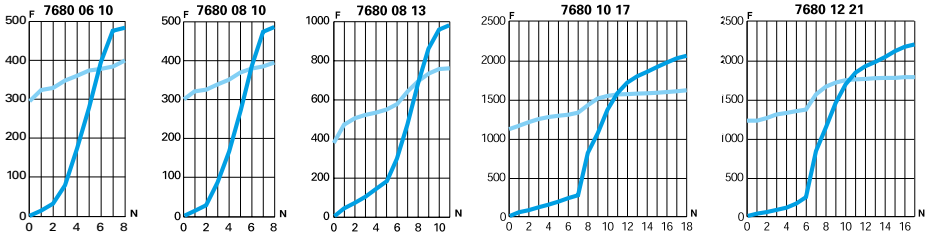


7680



6 bar

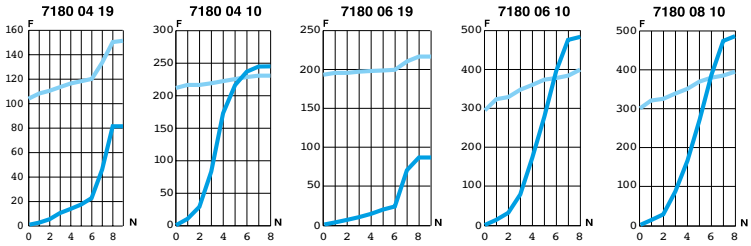
Direction of adjustment

Return

F: Flow in Nl/min

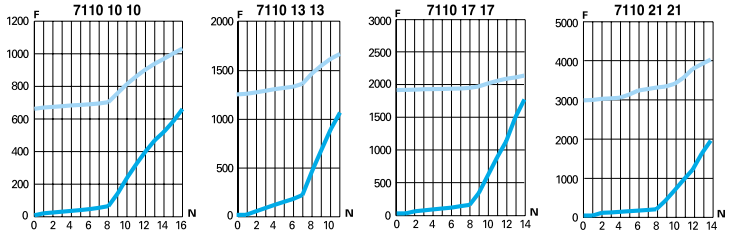
N: Number of turns

7180



7110
7111

7110



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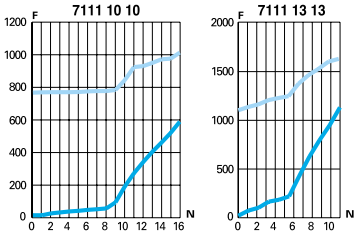
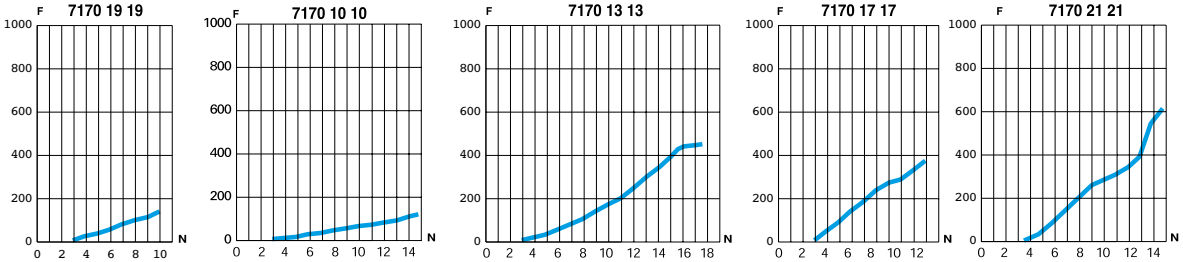


7170



LEGRIS QUICK-EXHAUST VALVES

Legris metal quick-exhaust valves, available in various materials, cover a wide range of applications. They increase productivity by quickly releasing compressed air to speed up the return of the cylinder rod.

Technical specifications

Fluids: compressed air

Operating pressure: 2 to 10 bar (except 7910 from 0.7 to 10 bar)

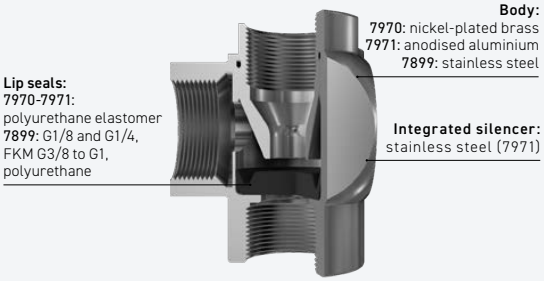
Operating temperature: -20°C to +120°C

Connection: M5 – G1/8 to G1 and R1/8 to R1/2

Regulations: RoHS, REACH, PED

Performance depends on the fluids, materials and tube used.

Component materials



Benefits

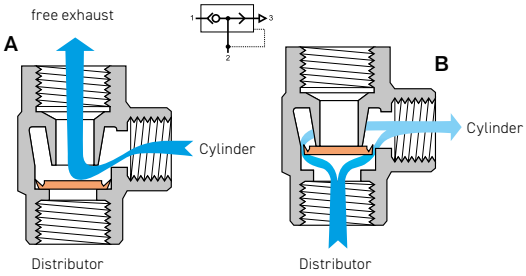
- **Available in nickel-plated brass, treated aluminium and stainless steel,** to suit all environments.
- **The rapid return of the cylinder rod** reduces cycle times and increases productivity.
- The treated aluminium versions are equipped with an **integrated silencer** to reduce noise pollution for users.

Recommended applications

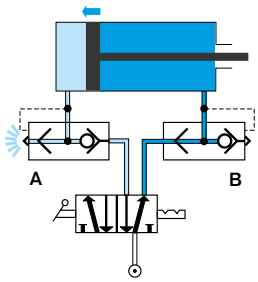
Rapid air release optimises the responsiveness of the cylinder

Operating principle

Mounting on cylinder



Installation guide



Maximum tightening torque (daN.m) *external screw*	Threads	G1/8	G1/4	G3/8
	daN.m	0.4	0.5	0.6

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7970

Elbow Quick Exhaust Valve, Female BSPP and Metric Thread

Nickel-plated brass

Scan for more dimensions

C	References
M5x0.8	7970 19 19
G1/8	7970 10 10
G1/4	7970 13 13
G3/8	7970 17 17
G1/2	7970 21 21
G3/4	7970 27 27
G1	7970 34 34

7971

Straight Quick Exhaust Valve, Male BSPT/Female BSPP Thread

Treated aluminium

Scan for more dimensions

C	C1	References
G1/8	R1/8	7971 10 10
G1/4	R1/4	7971 13 13
G3/8	R3/8	7971 17 17
G1/2	R1/2	7971 21 21

Noise level:
7971 10 10: 70 dBa
7971 13 13: 70 dBa
7971 17 17: 72 dBa
7971 21 21: 88 dBa

7899

Quick Exhaust Valve, Female BSPP Thread

Stainless steel 316L

Scan for more dimensions

DN	C	References
7	G1/8	7899 00 10
	G1/4	7899 00 13
9	G3/8	7899 00 17
12	G1/2	7899 00 21
18	G3/4	7899 00 27
	G1	7899 00 34

LEGRIS PRESSURE REGULATOR FITTINGS

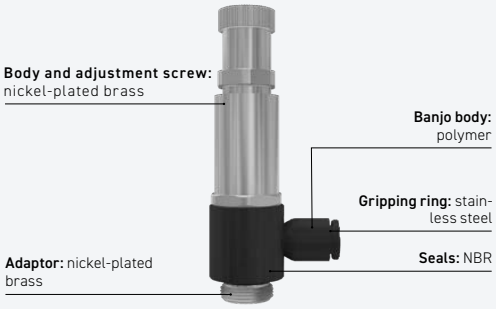
Legris pressure regulators ensure energy savings by regulating the pressure in the chamber of a pneumatic cylinder.

Technical specifications

- **Fluids:** compressed air
- **Operating pressure:** Upstream pressure: 1 to 16 bar, downstream pressure: 1 to 8 bar
- **Operating temperature:** -10°C to +70°C
- **Diameter:** 4 to 10 mm
- **Connection:** G1/8 to G3/8 (BSPP)
- **Regulations:** RoHS, REACh, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

- **Precise adjustment and locking of the setpoint,** preventing any accidental misadjustment.
- **Simplified installation** thanks to a numbered mark on the screw, making it easy to set the desired pressure.
- **Can be connected in series,** allowing the appropriate supply pressure to be distributed to each piece of equipment.
- **Ideal for applications** requiring precise control of cylinder force (marking, fitting, crimping, etc.).

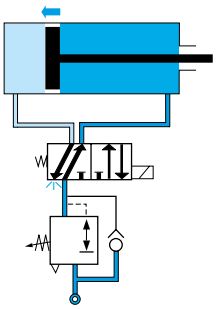
Recommended applications

Precisely controls the pressure in the cylinder chamber to adjust the force of the rod

Operating principle

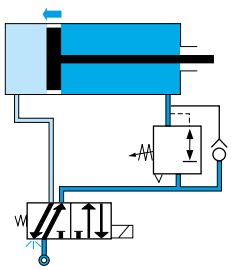
Installation upstream of the distributor

Adjustment of the supply pressure in both chambers of the cylinder

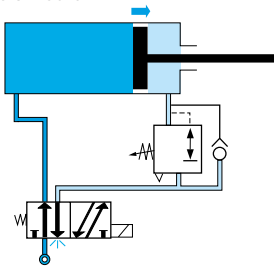


Installation downstream of the distributor

Phase 1: adjustment of the supply pressure at the inlet



Phase 2: does not interfere with conventional exhaust through the distributor



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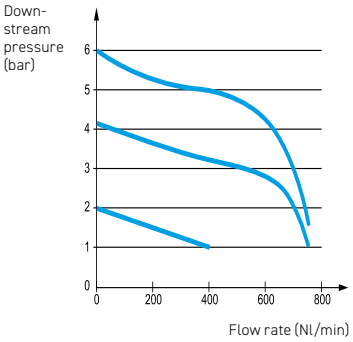
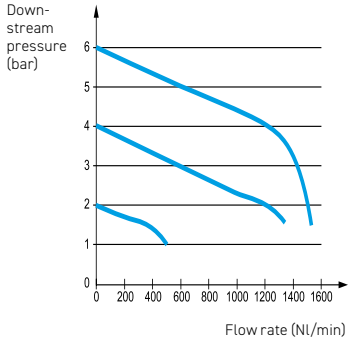
User guide

Flow characteristics at 7 bar (Nl/min)

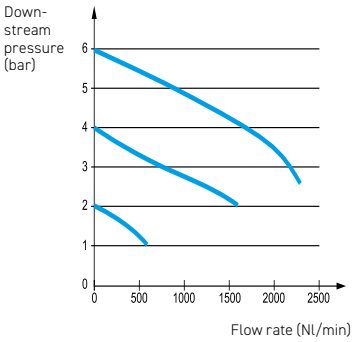
G1/8 models



G1/4 models



G3/8 models



7300

Pressure Regulator, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	7300 04 10
6	G1/8	7300 06 10
	G1/4	7300 06 13
8	G1/8	7300 08 10
	G1/4	7300 08 13
10	G1/4	7300 10 13

LEGRIS PRESSURE REDUCER FITTINGS

Legris pressure reducers ensure energy savings by limiting the pressure in a pneumatic system.

Technical specifications

Fluids: compressed air

Operating pressure: 1 to 15 bar

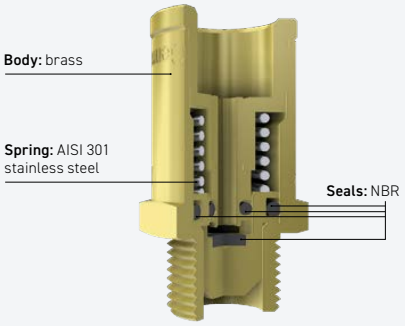
Operating temperature: -10°C to +80°C

Connection: G1/4 (BSPP)

Regulations: RoHS, REACh, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

Optimises pressure to the minimum value necessary to provide sufficient pressure while controlling energy consumption.

Recommended applications

Ensures stable and secure pressure for the air supply to a blowgun

User guide

References		Inlet pressure in bar					Maximum flow rate in l/min P1 = 15 bar
		6 bar	8 bar	10 bar	12 bar	15 bar	
DRV13/20	Output pressure in bar (tolerance ± 0.5 bar)	1.55	1.85	2.05	2.25	2.55	300
DRV13/30		2.45	2.70	2.95	3.20	3.65	360
DRV13/40		3.65	3.80	4.00	4.15	4.45	380
DRV13/50		4.45	4.65	4.85	5.05	5.35	390
DRV13/60		5.40	5.55	5.70	5.90	6.20	405
DRV13/70		-	7.50	7.60	7.70	8.00	414
DRV13/80		-	-	7.70	7.95	8.20	420
DRV13/100		-	-	-	9.90	10.15	480

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DRV

Pressure Reducing Valve

Brass

Scan for more dimensions

A1	A1	References
G1/4	G1/4	DRV13/20
G1/4	G1/4	DRV13/30
G1/4	G1/4	DRV13/40
G1/4	G1/4	DRV13/50
G1/4	G1/4	DRV13/60
G1/4	G1/4	DRV13/70
G1/4	G1/4	DRV13/80

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LEGRIS SNAP FITTINGS

Legris snap fittings facilitate maintenance and contribute to energy savings. They enable an upstream pneumatic circuit to be vented before any work is carried out, without emptying the entire equipment.

Technical specifications

Fluids: compressed air

Operating pressure: 0 to 10 bar

Operating temperature: -20°C to +80°C

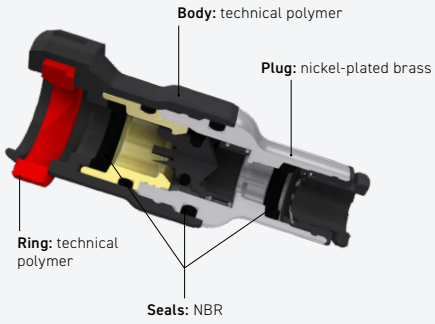
Tube diameter: 6 to 10 mm
Nominal diameter: 5 to 7.3 mm

Connection: G1/8 to G3/8 (BSPP)

Regulations: RoHS, REACh, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

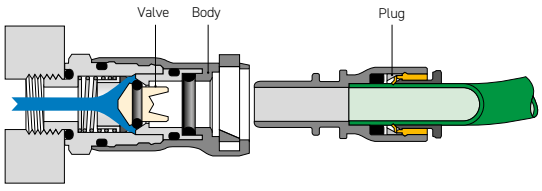
- **Enables partial venting of the installation,** resulting in energy savings and time savings during maintenance operations.
- The absence of pressure in the circuit ensures the **safety of people working on the pneumatic installation**.
- The connection indicator, via an audible click, ensures that the plug is correctly inserted into the fitting.

Recommended applications

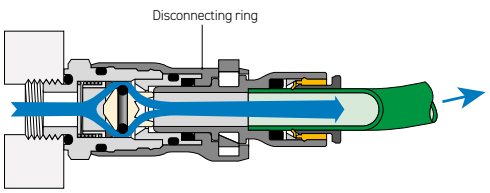
Facilitates maintenance operations for quick and safe interventions

Operating principle

Closed circuit



Open circuit



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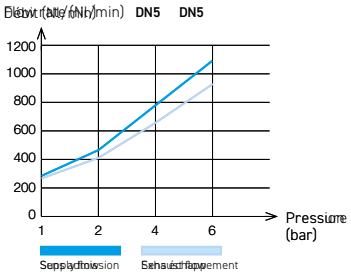
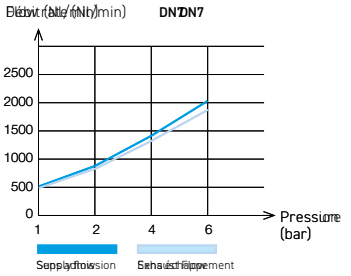
Installation guide

Maximum tightening torque (daN.m)	Thread		
	G1/8	G1/4	G3/8
	0.8	1.2	3

User guide

Flow characteristics - pressure drop





7926

Body with Push-In Connection

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	ØD	References
5	6	7926 05 06
5	8	7926 05 08
7.3	10	7926 07 10

7960

Straight Probe, Push-In Connection

Technical polymer, NBR

Scan for more dimensions

DN	ØD	References
5	6	7960 05 06
5	8	7960 05 08
7.3	10	7960 07 10

7921

Body with Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
5	G1/8	7921 05 10
5	G1/4	7921 05 13
7.3	G3/8	7921 07 17

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MANUALLY-OPERATED FITTINGS AND VALVES

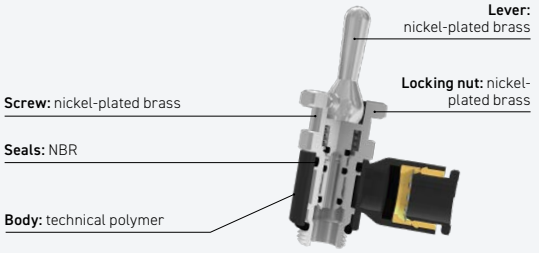
Legris manually-operated fittings and valves enable manual venting of a downstream pneumatic circuit, optimising intervention time and isolating a frequently operated circuit.

Technical specifications

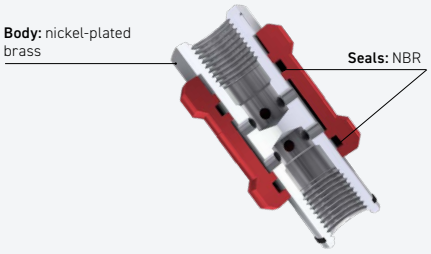
	LF 7800	Model 0669
Fluids:	Compressed air	Compressed air
Operating pressure:	0 to 10 bar	0 to 16 bar
Operating temperature:	-10°C to +80°C	-5°C to +70°C
Connection:	M5 to G1/8 (BSPP)	M5 to G 3/4 (BSPP)
Regulations:	RoHS, REACH, PED	RoHS, REACH, PED

Performance depends on the fluids, materials and tube used.

Component materials



Component materials



Benefits

Switch operated fitting:

- **Flexibility in installation with two models available to cover** the various configurations required:
  3/2: opening, closing, venting
  2/2: opening, closing.
- **The 360° orientation** makes installation easier.

Sliding sleeve valve:

- **Easy venting** by simply sliding the sleeve.
- **Optimised in-line configuration** for easy integration into machines.

Recommended applications

Facilitates the opening and closing of an air circuit for simple and reliable process control

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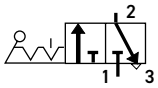
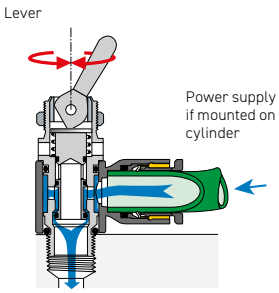
Operating principle

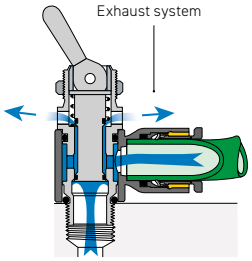
Switch operated fittings



Open

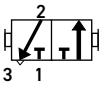


Closed

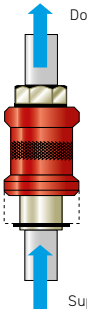


Power supply if mounted on distributor

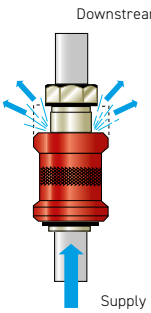
Sleeve valves



Open: downstream supply



Closed: downstream supply



7800

3/2 Manual Switch-Operated Valve, Supply, Male BSPP and Metric Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7800 04 19
	G1/8	7800 04 10
6	M5x0.8	7800 06 19
	G1/8	7800 06 10
	G1/4	7800 06 13
8	G1/8	7800 08 10
	G1/4	7800 08 13

For part numbers 7800 04 19 and 7800 06 19, the seal under the base is provided by a PTFE flat gasket, and the assembly tightening torque is 0.16 daN·m maximum.

7801

3/2 Manual Switch-Operated Valve, Control, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	7801 04 10
6	G1/8	7801 06 10
	G1/4	7801 06 13
8	G1/8	7801 08 10

7802

2/2 Manual Switch-Operated Valve, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	7802 04 10
6	G1/8	7802 06 10
	G1/4	7802 06 13
8	G1/8	7802 08 10
	G1/4	7802 08 13

0669

3/2 Sleeve Valve, Female BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
2.5	M5x0.8	0669 02 19
4	G1/8	0669 04 10
7	G1/4	0669 07 13
10	G3/8	0669 10 17
14	G1/2	0669 14 21
19	G3/4	0669 19 27

LEGRIS DETECTION SENSOR FITTINGS

Legris sensor fittings ensure the safety of installations. They emit a pneumatic or electrical signal as soon as the pressure in the cylinder's exhaust chamber falls below its control threshold.

Technical specifications

Fluids: compressed air

Operating pressure: 3 to 8 bar
(Back pressure 0.85 bar to 1 bar)

Operating temperature: -15°C to +60°C

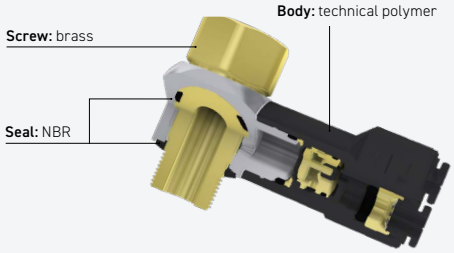
Tube diameter: 4 mm

Connection: M5 to G1/2 (BSPP)

Regulations: RoHS, REACh, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

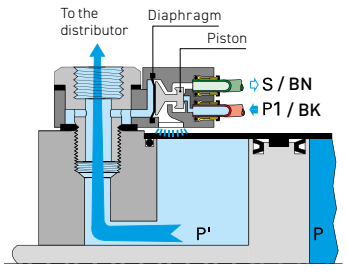
- **Optimal installation safety by** automating the transmission of a pneumatic or electrical signal as soon as the back pressure threshold is reached.
- The absence of adjustments allows a **quick and efficient installation**.

Recommended applications

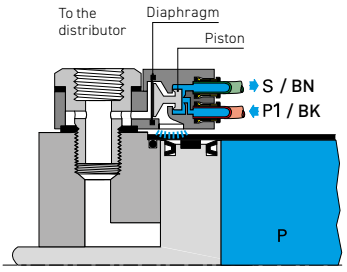
Indicates the position of the cylinder in real time for precise and reliable control

Operating principle

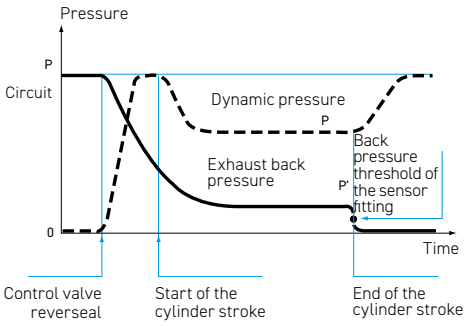
Cylinder in operation



Cylinder in final position



Cylinder pressure cycle



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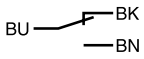
Installation guide

Pneumatic assembly diagram

P': Exhaust back pressure
P: Dynamic pressure
P1: Sensor supply pressure
S: Output signal

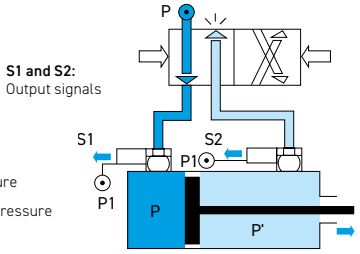
Electrical wiring diagram



The connection is made using three 0.5 mm² cables, each 2 m long.
Contactor: 5A/250 V ∿ or 5W/48V ⎓

Layout diagram

Depending on the model, S1, S2 and P1 can be pneumatic or electric.
See assembly diagrams opposite.



P1: Pilot signal
P: Dynamic pressure
P': Exhaust back pressure

User guide

PNEUMATIC OUTPUT

2 exclusively pneumatic assemblies possible:

- Permanently pressurised (P1): guarantees a pneumatic signal when the back pressure threshold is reached;
- Supplied from the distributor-cylinder line on the opposite side: no unexpected pneumatic signal (S) can appear when pressurising thanks to the driving pressure that powers the sensor connection (P1).

Switching time	**Model 7818:** 3 ms

WITH ELECTRICAL OUTPUT

Combined electrical and pneumatic assembly.
Installation with continuous electrical supply only (BU).
Ensures an electrical signal when the back pressure threshold pressure is reached.

Open/closed contact	**Model 7828:** 2A/0-48 V 2A/250 V 50 Hz

7818

Pneumatic Sensor Fitting, Male BSPP and Metric Thread

Zamak, technical polymer, brass, NBR

Scan for more dimensions

ØD	C	References
4	M5x0.8	7818 04 19*
	G1/8	7818 04 10
	G1/4	7818 04 13
	G3/8	7818 04 17
	G1/2	7818 04 21

* Bolt zinc passivated steel

7828

Pneumatic/Electric Sensor, Male/Female BSPP and Metric Thread

Technical polymer, brass, NBR

Scan for more dimensions

C	References
M5x0.8	7828 00 19
G1/8	7828 00 10
G1/4	7828 00 13
G3/8	7828 00 17

7818

Pneumatic Sensor, Male/Female BSPP Thread

Zamak, technical polymer, brass, NBR

Scan for more dimensions

C	References
G1/8	7818 19 10
G1/4	7818 19 13

LEGRIS SILENCERS

Available in various materials, Legris silencers reduce noise levels, there by improving user comfort in a wide range of applications.

Technical specifications

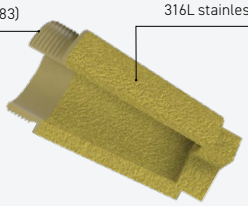
	Technical polymer	Sintered bronze	Brass	Nickel-plated brass	Stainless steel 316L
Fluids:			Compressed air		
Operating pressure:	0 to 10 bar	0 to 12 bar	0 to 12 bar	0 to 12 bar	0 to 12 bar
Operating temperature:	-10°C to +80°C	-20°C to +150°C	-20°C to +150°C	-20°C to +150°C	-20°C to +180°C
Connection:	M5 to 1"	G1/8 to 1"	M5 to 1"	4 to 12mm	G1/8 to 1" (BSPP) NPT1/8 to 1/2
Regulations:			RoHS, REACH, PED		

Performance depends on the fluid, material and tube used.

Component materials

Body:
brass (0670-0673-0675-0671-0677-0672)
polymer (0674-0676)
stainless steel (0682-0683)

Silencers:
sintered bronze (0670-0673-0675-0671-0677-0672)
polymer (0674-0676)
316L stainless steel (0682-0683)



Benefits

- **Different materials suitable for numerous applications:**
  technical polymer for standard environments
  sintered bronze and brass for applications requiring increased strength stainless
  steel for aggressive and corrosive environments
- **silencer with integrated flow regulator (0672 and 0676)** offering a cost-effective solution while reducing space requirements
- **compact models (0673, 0677, 0682, 0683)** for installations requiring minimal space

Recommended applications

Reduce effectively air exhaust noise for a quieter and more comfortable environment.

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User guide

Flow rates and noise levels of Legris silencers

0672	Number of turns						Sound level in dBA at 6 bar at 350 Nl/min
	0	1	2	3	4	5	
0672 00 10	0	200	600	740	-	-	81
0672 00 13	0	300	650	1 280	-	-	82
0672 00 17	0	450	950	1 300	1 500	-	83
0672 00 21	0	830	1 430	1 800	2 100	2 220	83

0676	Number of turns										Sound level in dBA at 6 bar at 350 Nl/min
	0	1	2	3	4	5	6	7	8	9	
0676 00 10	0	30	90	210	335	370	390	390	395	395	82
0676 00 13	0	22	25	50	340	750	940	980	1000	1025	84
0676 00 17	0	518	1147	1716	2153	2571	2823	2930	-	-	85
0676 00 21		814	1849	2880	4087	5044	5236	-	-	-	86

0670	Sound level in dBA at 6 bar
0670 00 10	80
0670 00 13	79
0670 00 17	83
0670 00 21	85
0670 00 27	95
0670 00 34	95

0673	Sound level in dBA at 6 bar
0673 00 10	73
0673 00 13	74
0673 00 17	85
0673 00 19	87
0673 00 21	89

0674	Sound level in dBA at 6 bar
0674 00 19	73
0674 00 10	78
0674 00 13	81
0674 00 17	87
0674 00 21	83
0674 00 27	79
0674 00 34	88

0675	Sound level in dBA at 6 bar
0675 00 10	70
0675 00 13	67
0675 00 17	77
0675 00 19	78
0675 00 21	80

0677	Sound level in dBA at 6 bar
0677 00 10	72
0677 00 13	73
0677 00 17	84
0677 00 21	88
0677 00 27	88
0677 00 34	89

0682	Sound level in dBA at 6 bar
0682 00 10	73
0682 00 13	74
0682 00 17	86
0682 00 21	80
0682 00 27	88
0682 00 34	89

0683	Sound level in dBA at 6 bar
0683 00 11	73
0683 00 14	74
0683 00 18	86
0683 00 22	80

0674

Polymer Silencer, Male BSPP and Metric Thread

Technical polymer

Scan for more dimensions

C	References
M5x0.8	0674 00 19
G1/8	0674 00 10
G1/4	0674 00 13
G3/8	0674 00 17
G1/2	0674 00 21
G3/4	0674 00 27
G1	0674 00 34

0676

Flow Control Polymer Silencer, Male BSPP and Metric Thread

Technical polymer

Scan for more dimensions

C	References
G1/8	0676 00 10
G1/4	0676 00 13
G3/8	0676 00 17
G1/2	0676 00 21

0672

Flow Control Silencer, Male BSPP Thread

Sintered bronze, brass

Scan for more dimensions

C	References
G1/8	0672 00 10
G1/4	0672 00 13
G3/8	0672 00 17
G1/2	0672 00 21

0670

Threaded Silencer, Male BSPP Thread

Sintered bronze, brass

Scan for more dimensions

C	References
G1/8	0670 00 10
G1/4	0670 00 13
G3/8	0670 00 17
G1/2	0670 00 21
G3/4	0670 00 27
G1	0670 00 34

0675

Threaded Silencer, Male BSPP and Metric Thread

Brass

Scan for more dimensions

C	References
M5x0.8	0675 00 19
M7x1	0675 00 55
G1/8	0675 00 10
G1/4	0675 00 13
G3/8	0675 00 17
G1/2	0675 00 21

0671

Plug-In Silencer

Nickel-plated brass

Scan for more dimensions

ØD	References
4	0671 04 00
6	0671 06 00
8	0671 08 00
10	0671 10 00
12	0671 12 00

0673

Compact Silencer, Male BSPP and Metric Thread

Brass

Scan for more dimensions

C	References
M5x0.8	0673 00 19
G1/8	0673 00 10
G1/4	0673 00 13
G3/8	0673 00 17
G1/2	0673 00 21

0677

Miniature Silencer, Male BSPP Thread

Brass

Scan for more dimensions

C	References
G1/8	0677 00 10
G1/4	0677 00 13
G3/8	0677 00 17
G1/2	0677 00 21
G3/4	0677 00 27
G1	0677 00 34

0682

Compact Silencer, Male BSPP Thread

Stainless steel 316L

Scan for more dimensions

C	References
G1/8	0682 00 10
G1/4	0682 00 13
G3/8	0682 00 17
G1/2	0682 00 21
G3/4	0682 00 27
G1	0682 00 34

0683

Compact Silencer, Male NPT Thread

Stainless steel 316L

Scan for more dimensions

C	References
NPT1/8	0683 00 11
NPT1/4	0683 00 14
NPT3/8	0683 00 18
NPT1/2	0683 00 22

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03

UNIVERSAL FITTINGS

Legris compression fittings offer a universal connection solution. They are compatible with metal tubes and available in multiple materials, diameters, and configurations.

RELIABLE WATERPROOFING

Featuring a metal seal, these fittings eliminate the risk of incompatibility between the seal and the fluid, ensuring safe and efficient operation.

EXCEPTIONAL DURABILITY

Developed for long-lasting performance, Legris compression fittings are remarkably robust, enabling them to withstand high pressures and mechanical stresses in demanding environments.

LEGRIS
COMPRESSION FITTINGS

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PRODUCTS OFFER

COMPRESSION FITTINGS LEGRIS	Fluids	Materials	Maximum operating pressure (bar)	Temperature		PAGE
				Min.	Max.	
Brass compression fittings	Compressed air, industrial water	Brass	550	-60°C	+250°C	**102**
Stainless steel compression fittings	Compressed air, treated water	Stainless steel 316L	400	-60°C	+250°C	**112**

HOW TO CHOOSE YOUR COMPRESSION FITTING?

The choice depends mainly on your working environment and the tube to be connected.

Brass compression fittings are designed for standard environments with the following metal tubes:

- **Copper tube:** cold-drawn hardened copper in straight bars or annealed copper tube in coils.
- **Steel circuit tube:** cold-drawn, seamless, white-annealed, straight-bar "thin" tube.

External diameter from 6 to 16 mm (maximum thickness 1 mm)
External diameter > 16 mm (maximum thickness 1.5 mm)

Stainless steel compression fittings are ideal for use in aggressive environments with stainless steel tubes:

- **Thin, straight, cold-drawn, seamless, hyper-hardened, pickled and passivated tube.**

External diameter from 6 to 16 mm (maximum thickness 1 mm ± 0.1 mm);

- **Annealed tube in coils:** reduce the operating pressure by 35%.

In environments with strong vibrations, we recommend using our compression fittings only with straight metal tubes.

What type of fluid do you wish to convey?

Parker offers ranges dedicated to **compressed air and neutral gases**.

Parker presents ranges specifically designed for **water**, including:

- *Industrial water (tap water),*
- *Treated water (deionised, pure and demineralised)*

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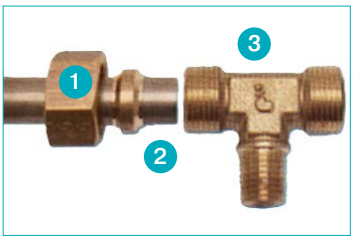
Vocabulary related to compression fittings

Compression fittings consist of three main components:

- a compression nut (1),
- a compression ring, also known as an olive (2),
- a body containing the compression seat located inside (3).

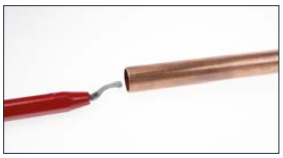


INSTALLATION GUIDE

Each Legris compression fitting is supplied with three components: body, olive and compression nut.
Individual components are also available if required. It is recommended to use a new compression olive for each new installation to ensure optimal performance and reliable sealing. The rest of the assembly can be reused after the initial installation.

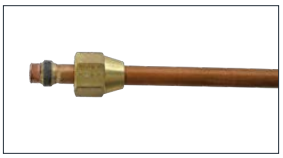
Installation

1- Preparing the tube



Cut the metal tube Square with the appropriate tool. Deburr the inner and outer edges. When bending the tube is necessary, do so before connecting it.

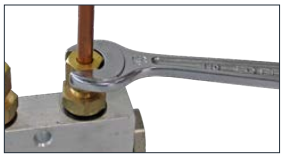
2- Preparing the connection



Slide the nut onto the tube, lubricate the body thread, the olive and the nut thread to facilitate tightening, then fit the olive onto the end of the tube.

Place the tube against the shoulder of the fitting body and pre-tighten by hand.

3- Final assembly



Screw the nut onto the spanner to crimp the ring onto the tube; the connection is complete when the recommended tightening torque is reached.

Compression fitting identification codes

0101 06 10 39

Item type

01XX: Brass
E.g.
0110: nut
0111 and 0124: olive
0122: sleeve for rubber hose
0165: barb connector for flexible tube
0166: reduction

18XX: stainless steel
E.g.
1810: nut
1820: adapter
1824: olive
1866: reduction

Nominal diameter

04 = 4 mm
06 = 6 mm
...
20 = 20 mm
28 = 28 mm

Thread code

1/8 = 10
1/4 = 13
3/8 = 17
1/2 = 21
3/4 = 27

Suffix

39: bonded seal
40: treated steel
60: extended nut

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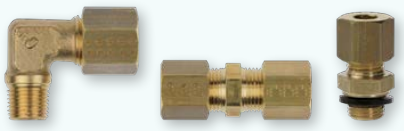
LEGRIS BRASS COMPRESSION FITTINGS



An alternative to push-in fittings, Legris brass compression fittings offer a robust and reliable solution. Their proven metallic sealing performance with a variety of tubes can withstand significant pressure and mechanical stress.

Technical specifications

Fluids: compressed air, industrial water

Operating pressure: 10_{-2} millibar to 550 bar

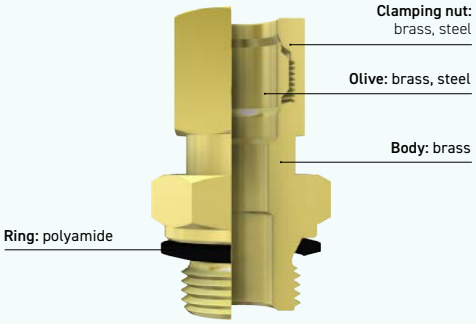
Operating temperature:
-60°C to +250°C without sealing ring, with metal tube
-20°C with polyamide sealing ring

Diameter: 4 to 28 mm

Regulations: RoHS, REACh, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

- **Metal sealing** for optimum service life, pressure and temperature ranges.
- **Robust design** to withstand vibrations and shocks in demanding environments.

Recommended applications

High temperature resistance in the glass industry

Modular assembly with copper tubing in a confined environment

Installation guide

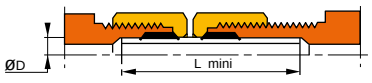
Maximum nominal diameters

The table below shows the maximum nominal diameter based on the installation threads for a few examples of tube diameters.

Tube O.D.	BSPP thread	Max. nominal
4-5-6	G1/8	4
6-8-10	G1/4	7
10-12-14	G3/8	11
14-15-16-18	G1/2	14
18-20-22	G3/4	18
22-25-28	G1	24

Tube lengths for assembly

ØD	L (mm)	ØD	L (mm)	ØD	L (mm)
4	26.5	12	39	20	51
5	26	14	41	22	54
6	26	15	41	25	62
8	32	16	46.5	28	62
10	39	18	49.5		



Minimum lenght of tube (L) between 2 fittings.

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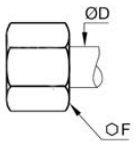
Component selection principle

Body	Brass body					
Nut	**0110** Brass			**0110..60** Brass		**0110..40** Steel
Olive	No olive required	**0124** brass	**0111** brass BNA standard*	**0124** brass	**0111** brass BNA standard*	**0124 ... 40** steel
Tube	Plug **0126**	Brass tubes, copper, steel, or sockets **0122** and **0165**	Copper tubes in coils	Copper tubes	Copper tubes in coils	Steel tube or copper tube
Environment	Standard			Subjected to abnormal lateral impacts		Low and medium pressure hydraulic system. Lubrication required before assembly

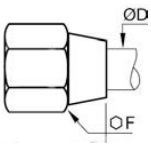
* BNA: Bureau de Normalisation Automobile (Automotive Standardisation Office)

Recommended nut tightening torque

Tightening torque in daN.m = maximum tightening torque for a 0110 nut and a 0124 olive on copper or brass tube and on steel tube.



0110 and 0110..40 nut



0110..60 nut

Ø D tube (mm)	F Size of nut 0110	F Size of nut 0110.. 60	Maximum tightening torque on copper or brass tube in daN.m	F Size of nut 0110 .. 40	Maximum tightening torque on steel tube in daN.m
4	10	11	0.7	10	1.5
5	12	13	0.7	12	1.5
6	13	13	1.5	13	2.5
8	14	16	1.5	14	2.5
10	19	20	1.8	19	3
12	22	22	3	22	4.5
14	24	24	3.5	24	5.5
15	24	24	4	24	6
16	27	27	5	27	7
18	30	30	6	30	9
20	32	32	6	32	10
22	36	36	7	36	12
25	41	41	8	41	13
28	42		9		

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LEGRIS BRASS COMPRESSION FITTINGS

Recommended configurations for tube-fitting assembly

Type of tube	**Copper tube** "worked" cold drawn and in straight lengths			**Steel circuit tube:** "thin wall" cold drawn, seamless, bright annealed and in straight lengths	
Type of assembly	Assembly made with brass olive and brass nut			Assembly made with universal ring **Legris** treated steel and universal nut treated steel **(series with suffix 40)**	
Common name for the tube	**Tube dimensions**		**Maximum operating pressure of the connection (bar)**	**Maximum regular operating pressure (bar)**	**Operating pressure with water hammer (bar)**
	Ø ext.	thick.			
2 x 4	4	1	230	550	460
3 x 5	5	1	190	470	370
4 x 6	6	1	150	400	290
6 x 8	8	1	100	310	225
8 x 10	10	1	75	240	185
10 x 12	12	1	55	200	145
12 x 14	14	1	45	160	125
13 x 15	15	1	42	150	115
14 x 16	16	1	40	140	110
16 x 18	18	1	37	120	85
15.6 x 18	18	1.2	55	-	-
18 x 20	20	1	35	100	70
17.6 x 20	20	1.2	50	-	-
20 x 22	22	1	30	90	60
18.8 x 22	22	1.6	60	-	-
23 x 25	25	1	20	70	40
21.8 x 25	25	1.6	55	-	-
26 x 28	28	1	25	-	-
24.8 x 28	28	1.6	40	-	-
24 x 28	28	2	50	-	-

Legris brass compression fittings are not compatible with ammonia and its derivatives. The above recommendations are given in good faith. However, as each application is different, it is advisable to carry out tests under real conditions of use.

0105
Stud Fitting, Male BSPT Thread

Brass

Scan for more dimensions

ØD	C	References
4	R1/8	0105 04 10
5	R1/8	0105 05 10
	R1/4	0105 05 13
6	R1/8	0105 06 10
	R1/4	0105 06 13
	R3/8	0105 06 17
8	R1/8	0105 08 10
	R1/4	0105 08 13
	R3/8	0105 08 17
10	R1/8	0105 10 10
	R1/4	0105 10 13
	R3/8	0105 10 17
	R1/2	0105 10 21
12	R1/4	0105 12 13
	R3/8	0105 12 17
	R1/2	0105 12 21
14	R1/4	0105 14 13
	R3/8	0105 14 17
	R1/2	0105 14 21
	R3/4	0105 14 27
15	R3/8	0105 15 17
	R1/2	0105 15 21
16	R1/4	0105 16 13
	R3/8	0105 16 17
	R1/2	0105 16 21
	R3/4	0105 16 27
18	R1/2	0105 18 21
	R3/4	0105 18 27
20	R1/2	0105 20 21
	R3/4	0105 20 27
22	R1/2	0105 22 21
	R3/4	0105 22 27
	R1	0105 22 34
25	R3/4	0105 25 27
	R1	0105 25 34
28	R1	0105 28 34

Fittings with tapered metric or NPT threads are available on special order, when quantities justify it.

0105
Stud Fitting, Male NPT Thread

Brass

Scan for more dimensions

ØD	C	References
6	NPT1/8	0105 06 11
	NPT1/4	0105 06 14
8	NPT1/8	0105 08 11
	NPT1/4	0105 08 14
10	NPT1/4	0105 10 14
	NPT3/8	0105 10 18
	NPT1/2	0105 10 22

0101
Stud Fitting with Captive Sealing Washer, Male BSPP and Metric Thread

Brass, technical polymer

Scan for more dimensions

ØD	C	References
4	M5x0.8	0101 04 19
	G1/8	0101 04 10
5	G1/8	0101 05 10
6	G1/8	0101 06 10
	G1/4	0101 06 13
8	G1/8	0101 08 10
	G1/4	0101 08 13
	G3/8	0101 08 17
10	G1/4	0101 10 13
	G3/8	0101 10 17
12	G1/4	0101 12 13
	G3/8	0101 12 17
	G1/2	0101 12 21
14	G3/8	0101 14 17
	G1/2	0101 14 21
15	G3/8	0101 15 17
	G1/2	0101 15 21
16	G3/8	0101 16 17
	G1/2	0101 16 21
18	G1/2	0101 18 21
	G3/4	0101 18 27
20	G3/4	0101 20 27
22	G3/4	0101 22 27
	G1	0101 22 34
28	G1	0101 28 34

Threaded connection with a bonded seal washer. 0602 bonded seal washers can be found in the "Connection accessories" section.

0101..39
Stud Fitting, with Bi-Material Seal, Male BSPP Thread

Brass, zinc plated steel with NBR seal

Scan for more dimensions

ØD	C	References
4	G1/8	0101 04 10 39
5	G1/8	0101 05 10 39
6	G1/8	0101 06 10 39
	G1/4	0101 06 13 39
8	G1/8	0101 08 10 39
	G1/4	0101 08 13 39
	G3/8	0101 08 17 39
10	G1/4	0101 10 13 39
	G3/8	0101 10 17 39
12	G1/4	0101 12 13 39
	G3/8	0101 12 17 39
	G1/2	0101 12 21 39
14	G3/8	0101 14 17 39
	G1/2	0101 14 21 39
15	G3/8	0101 15 17 39
	G1/2	0101 15 21 39
16	G3/8	0101 16 17 39
	G1/2	0101 16 21 39
18	G1/2	0101 18 21 39
	G3/4	0101 18 27 39
20	G3/4	0101 20 27 39
22	G3/4	0101 22 27 39
	G1	0101 22 34 39
28	G1	0101 28 34 39

Threaded connection with a two-material bonded seal washer. 0139 bonded seal washers can be found in the "Connection accessories" section.

0101
Stud Fitting, Male Metric Thread

Brass

Scan for more dimensions

ØD	C	References
4	M7x1	0101 04 55
	M8x1	0101 04 56
5	M8x1	0101 05 56
	M10x1	0101 05 60
6	M10x1	0101 06 60
	M10x1.5	0101 06 62
8	M12x1	0101 08 65
	M12x1.25	0101 08 66
	M13x1.25	0101 08 68
10	M14x1.25	0101 10 70
	M14x1.5	0101 10 71
	M16x1.25	0101 10 74
	M16x1.5	0101 10 75
	M18x1.5	0101 10 78
12	M16x1.5	0101 12 75
	M18x1.5	0101 12 78
14	M20x1.5	0101 14 80
16	M20x1.5	0101 16 80
	M22x1.5	0101 16 82
18	M22x1.5	0101 18 82

0114
Stud Fitting, Female BSPP Thread

Brass

Scan for more dimensions

ØD	C	References
4	G1/8	0114 04 10
	G1/4	0114 04 13
5	G1/8	0114 05 10
	G1/4	0114 05 13
6	G1/8	0114 06 10
	G1/4	0114 06 13
	G3/8	0114 06 17
8	G1/8	0114 08 10
	G1/4	0114 08 13
	G3/8	0114 08 17
10	G1/4	0114 10 13
	G3/8	0114 10 17
	G1/2	0114 10 21
12	G1/4	0114 12 13
	G3/8	0114 12 17
	G1/2	0114 12 21
14	G1/4	0114 14 13
	G3/8	0114 14 17
	G1/2	0114 14 21
15	G3/8	0114 15 17
	G1/2	0114 15 21
16	G3/8	0114 16 17
	G1/2	0114 16 21
18	G1/2	0114 18 21
	G3/4	0114 18 27
20	G1/2	0114 20 21
22	G3/4	0114 22 27

0199
Stud Orientable Elbow, Male BSPP Thread

Brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	0199 04 10
	G1/4	0199 04 13
6	G1/8	0199 06 10
	G1/4	0199 06 13
8	G1/8	0199 08 10
	G1/4	0199 08 13
	G3/8	0199 08 17
10	G1/4	0199 10 13
	G3/8	0199 10 17
	G1/2	0199 10 21
14	G3/8	0199 14 17
	G1/2	0199 14 21
18	G1/2	0199 18 21
	G3/4	0199 18 27
22	G3/4	0199 22 27
	G1	0199 22 34

Swivel fitting

0109
Stud Elbow, Male BSPT Thread

Brass

Scan for more dimensions

ØD	C	References
4	R1/8	0109 04 10
	R1/4	0109 04 13
5	R1/8	0109 05 10
	R1/4	0109 05 13
6	R1/8	0109 06 10
	R1/4	0109 06 13
8	R1/8	0109 08 10
	R1/4	0109 08 13
	R3/8	0109 08 17
10	R1/4	0109 10 13
	R3/8	0109 10 17
	R1/2	0109 10 21
12	R1/4	0109 12 13
	R3/8	0109 12 17
	R1/2	0109 12 21
14	R3/8	0109 14 17
	R1/2	0109 14 21
15	R3/8	0109 15 17
	R1/2	0109 15 21
16	R3/8	0109 16 17
	R1/2	0109 16 21
	R3/4	0109 16 27
18	R1/2	0109 18 21
	R3/4	0109 18 27
20	R1/2	0109 20 21
	R3/4	0109 20 27
22	R3/4	0109 22 27
	R1	0109 22 34
25	R1	0109 25 34
28	R1	0109 28 34

Fittings with tapered metric or NPT threads are available on special order, when quantities justify it.

0103
Stud Run Tee, Male BSPT Thread

Brass

Scan for more dimensions

ØD	C	References
4	R1/8	0103 04 10
6	R1/8	0103 06 10
	R1/4	0103 06 13
8	R1/4	0103 08 13
10	R1/4	0103 10 13
12	R1/4	0103 12 13

Fittings with tapered metric or NPT threads are available on special order, when quantities justify it.

0109
Stud Elbow, Male NPT Thread

Brass

Scan for more dimensions

ØD	C	References
6	NPT1/8	0109 06 11
	NPT1/4	0109 06 14
8	NPT1/8	0109 08 11
	NPT1/4	0109 08 14
10	NPT1/4	0109 10 14

0102
Equal Elbow

Brass

Scan for more dimensions

ØD	References
4	0102 04 00
5	0102 05 00
6	0102 06 00
8	0102 08 00
10	0102 10 00
12	0102 12 00
14	0102 14 00
15	0102 15 00
16	0102 16 00
18	0102 18 00
20	0102 20 00
22	0102 22 00
28	0102 28 00

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0108
Stud Branch Tee, Male BSPT Thread

Brass

Scan for more dimensions

ØD	C	References
4	R1/8	0108 04 10
6	R1/8	0108 06 10
	R1/4	0108 06 13
8	R1/8	0108 08 10
	R1/4	0108 08 13
	R3/8	0108 08 17
10	R1/4	0108 10 13
	R3/8	0108 10 17
12	R1/4	0108 12 13
	R3/8	0108 12 17
14	R1/2	0108 14 21
16	R1/2	0108 16 21
18	R1/2	0108 18 21
20	R3/4	0108 20 27
22	R3/4	0108 22 27

Fittings with tapered metric or NPT threads are available on special order, when quantities justify it.

0104
Equal Tee

Brass

Scan for more dimensions

ØD	References
4	0104 04 00
5	0104 05 00
6	0104 06 00
8	0104 08 00
10	0104 10 00
12	0104 12 00
14	0104 14 00
15	0104 15 00
16	0104 16 00
18	0104 18 00
20	0104 20 00
22	0104 22 00

0106
Equal Tube-to-Tube Connector

Brass

Scan for more dimensions

ØD	References
4	0106 04 00
5	0106 05 00
6	0106 06 00
8	0106 08 00
10	0106 10 00
12	0106 12 00
14	0106 14 00
15	0106 15 00
16	0106 16 00
18	0106 18 00
20	0106 20 00
22	0106 22 00
28	0106 28 00

0116
Equal Bulkhead Connector

Brass

Scan for more dimensions

ØD	References
4	0116 04 00
5	0116 05 00
6	0116 06 00
8	0116 08 00
10	0116 10 00
12	0116 12 00
14	0116 14 00
15	0116 15 00
16	0116 16 00
18	0116 18 00
20	0116 20 00
22	0116 22 00

0118..39
Single Banjo with Bi-Material Seal, Male BSPP Thread

Brass, zinc plated steel with NBR seal

Scan for more dimensions

ØD	C	References
4	G1/8	0118 04 10 39
5	G1/8	0118 05 10 39
6	G1/8	0118 06 10 39
	G1/4	0118 06 13 39
8	G1/8	0118 08 10 39
	G1/4	0118 08 13 39
	G3/8	0118 08 17 39
10	G1/4	0118 10 13 39
	G3/8	0118 10 17 39
12	G1/4	0118 12 13 39
	G3/8	0118 12 17 39
14	G3/8	0118 14 17 39
	G1/2	0118 14 21 39
15	G1/2	0118 15 21 39
16	G1/2	0118 16 21 39

Threaded connection with a bi-material bonded seal washer. 0139 bonded seal washers can be found in the "Connection accessories" section.

0119
Double Banjo with Captive Sealing Washer, Male BSPP Thread

Brass, technical polymer

Scan for more dimensions

ØD	C	References
8	G1/4	0119 08 13
	G3/8	0119 08 17

Screw with a bonded seal washer. 0602 bonded seal washers can be found in the "Connection accessories" section.

0119..39
Banjo double avec joint bi-matière, mâle BSPP

Brass, Zinc-plated steel avec joint NBR

Scan for more dimensions

ØD	C	References
4	G1/8	0119 04 10 39
6	G1/8	0119 06 10 39
8	G1/8	0119 08 10 39
	G1/4	0119 08 13 39

Threaded connection with a bi-material bonded seal washer. 0139 bonded seal washers can be found in the "Connection accessories" section.

0111
BNA* Brass Olive

Brass

Scan for more dimensions

ØD	References
4	0111 04 00
5	0111 05 00
6	0111 06 00
8	0111 08 00
10	0111 10 00
12	0111 12 00
14	0111 14 00
15	0111 15 00
16	0111 16 00

*BNA (Bureau de Normalisation de l'Automobile) is the French Automobile Standardization Office.

0124
Brass Olive

Brass

Scan for more dimensions

ØD	References
4	0124 04 00
5	0124 05 00
6	0124 06 00
8	0124 08 00
10	0124 10 00
12	0124 12 00
14	0124 14 00
15	0124 15 00
16	0124 16 00
18	0124 18 00
20	0124 20 00
22	0124 22 00
25	0124 25 00
28	0124 28 00

0124..40
Steel Olive

Zinc-plated steel

Scan for more dimensions

ØD	References
4	0124 04 00 40
5	0124 05 00 40
6	0124 06 00 40
8	0124 08 00 40
10	0124 10 00 40
12	0124 12 00 40
14	0124 14 00 40
15	0124 15 00 40
16	0124 16 00 40
18	0124 18 00 40
20	0124 20 00 40
22	0124 22 00 40
25	0124 25 00 40

0110
Brass Nut

Brass

Scan for more dimensions

ØD	C	References
4	M8x1	0110 04 00
5	M10x1	0110 05 00
6	M10x1	0110 06 00
8	M12x1	0110 08 00
10	M16x1.5	0110 10 00
12	M18x1.5	0110 12 00
14	M20x1.5	0110 14 00
15	M20x1.5	0110 15 00
16	M22x1.5	0110 16 00
18	M24x1.5	0110 18 00
20	M27x1.5	0110 20 00
22	M30x1.5	0110 22 00
25	M33x1.5	0110 25 00
28	M36x1.5	0110 28 00

0110..40
Steel Nut

Zinc-plated steel

Scan for more dimensions

ØD	C	References
4	M8x1	0110 04 00 40
6	M10x1	0110 06 00 40
8	M12x1	0110 08 00 40
10	M16x1.5	0110 10 00 40
12	M18x1.5	0110 12 00 40
16	M22x1.5	0110 16 00 40
18	M24x1.5	0110 18 00 40

0110..60
Brass Long Nut

Brass

Scan for more dimensions

ØD	C	References
4	M8x1	0110 04 00 60
6	M10x1	0110 06 00 60
8	M12x1	0110 08 00 60
10	M16x1.5	0110 10 00 60
12	M18x1.5	0110 12 00 60

0220

Hex Head Plug, Male BSPP and Metric Thread

Brass, technical polymer

Scan for more dimensions

C	References
M5x0.8	0220 19 00
G1/8	0220 10 00
G1/4	0220 13 00
G3/8	0220 17 00
G1/2	0220 21 00

Bonded seal washer supplied. M5: with screwdriver slot for tightening. Max. operating pressure: 20 bar.
General characteristics in accordance with BNA 229 (except for M5): BSPP thread (ISO 228-1), metric ISO cylindrical thread (NFE 03-054).

0220..39

Hex Head Plug with Bi-Material Seal, Male BSPP Thread

Brass, zinc plated steel with NBR seal

Scan for more dimensions

C	References
G1/8	0220 10 00 39
G1/4	0220 13 00 39
G3/8	0220 17 00 39
G1/2	0220 21 00 39
G3/4	0220 27 00 39
G1	0220 34 00 39

Plug with a bi-material bonded seal washer. 0139 bi-material bonded seal washers can be found in the "Connection accessories" section. Part numbers with the 39 suffix have a maximum operating pressure of 250 bar.

0125

Tube End Plug for Compression Fitting

Brass

Scan for more dimensions

ØD	C	References
4	M8x1	0125 04 00
6	M10x1	0125 06 00
8	M12x1	0125 08 00
10	M16x1.5	0125 10 00

This part makes it possible to cap off a tube that is already fitted with the nut and compression ring. Equipped with the same male thread as the nut's female thread, it is assembled using the nut and ring taken from the fitting. For final use, simply replace the tube-end plug with the fitting body to obtain a perfect assembly without any modification to the tube.

0126

Plug for Compression Fitting

Brass

Scan for more dimensions

ØD	References
4	0126 04 00
6	0126 06 00
8	0126 08 00
10	0126 10 00
12	0126 12 00
14	0126 14 00
18	0126 18 00
22	0126 22 00

This part is used to plug a port on a fitting; it is installed without a compression ring. When the port is put into service, the nut can easily be reused to connect the tube, and the fitting plug can be stored for another use.

0166

3-Piece Reducer

Brass

Scan for more dimensions

ØD1	ØD2	References
4	6	0166 04 06
5	6	0166 05 06
6	8	0166 06 08
	10	0166 06 10
	12	0166 06 12
	14	0166 06 14
8	10	0166 08 10
	12	0166 08 12
10	12	0166 10 12
	14	0166 10 14
	16	0166 10 16
	18	0166 10 18
	20	0166 10 20
12	16	0166 12 16
	22	0166 12 22
14	16	0166 14 16
	18	0166 14 18
16	20	0166 16 20
	22	0166 16 22
18	22	0166 18 22
20	25	0166 20 25

ØD1: tube to be connected
ØD2: for Øxx mm fitting
Each of the above part numbers includes 3 items:
the reducer itself
the Brass ring, ref. 0124
the nut

0165

Barb Connector for Flexible Tubing

Brass

Scan for more dimensions

ØD1	ØD2	ØD3	References
6	4	4.3	0165 06 06
	6	6.4	0165 06 08
8	6	6.4	0165 08 08
	8	8.4	0165 08 10
	10	10.7	0165 08 12
10	8	8.4	0165 10 10
	10	10.7	0165 10 12
12	10	10.7	0165 12 12
14	12	12.7	0165 14 14
15	13	13.7	0165 15 16
16	13	13.7	0165 16 16

0122

Barb Connector for Hose

Brass

Scan for more dimensions

ØD1	ØD2	ØD3	References
6	4	6	0122 06 04
	7	9	0122 06 07
8	6	8	0122 08 06
	7	9	0122 08 07
	10	12.5	0122 08 10
10	7	9	0122 10 07
	10	12.5	0122 10 10
12	10	12.5	0122 12 10
	13	15	0122 12 13
14	13	15	0122 14 13
	16	18.5	0122 14 16
15	13	15	0122 15 13
	16	18.5	0122 15 16
16	13	15	0122 16 13
	16	18.5	0122 16 16
18	16	18.5	0122 18 16
	19	21.5	0122 18 19
	19	21.5	0122 20 19
22	19	21.5	0122 22 19
25	25	27.5	0122 25 25

0120

Stud Standpipe, Male BSPT Thread

Brass

Scan for more dimensions

ØD	C	References
4	R1/8	0120 04 10
5	R1/8	0120 05 10
6	R1/8	0120 06 10
	R1/4	0120 06 13
8	R1/8	0120 08 10
	R1/4	0120 08 13
	R3/8	0120 08 17
10	R1/4	0120 10 13
	R3/8	0120 10 17
	R1/2	0120 10 21
12	R1/4	0120 12 13
	R3/8	0120 12 17
	R1/2	0120 12 21
14	R3/8	0120 14 17
	R1/2	0120 14 21
15	R3/8	0120 15 17
	R1/2	0120 15 21
16	R3/8	0120 16 17
	R1/2	0120 16 21
18	R1/2	0120 18 21
	R3/4	0120 18 27
20	R3/4	0120 20 27
22	R3/4	0120 22 27
28	R1	0120 28 34

0128..39

Stud Standpipe with Bi-Material Seal, Male BSPP Thread

Brass, zinc plated steel with NBR seal

Scan for more dimensions

ØD	C	References
4	G1/8	0128 04 10 39
6	G1/8	0128 06 10 39
	G1/4	0128 06 13 39
8	G1/8	0128 08 10 39
	G1/4	0128 08 13 39
10	G1/4	0128 10 13 39
	G3/8	0128 10 17 39
14	G3/8	0128 14 17 39
	G1/2	0128 14 21 39
18	G1/2	0128 18 21 39
	G3/4	0128 18 27 39
22	G3/4	0128 22 27 39
28	G1	0128 28 34 39

Screw with a bi-material bonded seal washer. 0139 bi-material bonded seal washers can be found in the "Connection accessories" section.

0151..39

Straight Male Orientable Adaptor, with Bi-Material Seal, Male BSPP Thread

Brass, NBR, zinc plated steel with NBR seal

Scan for more dimensions

C	References
G1/8	0151 10 10 39
G1/4	0151 13 13 39
G3/8	0151 17 17 39
G1/2	0151 21 21 39
G3/4	0151 27 27 39
G1	0151 34 34 39

Screw with a bi-material bonded seal washer. 0139 bi-material bonded seal washers can be found in the "Connection accessories" section.

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0112

Sleeve Nut for Compression Fitting, Male Metric Thread

Brass

Scan for more dimensions

ØD	C	References
4	M8x1	0112 04 00
6	M10x1	0112 06 00
8	M12x1	0112 08 00
10	M16x1.5	0112 10 00
12	M18x1.5	0112 12 00
14	M20x1.5	0112 14 00

This part was designed to allow a tube to be connected directly from a manifold or a point of use by means of special machining and a Legris compression ring. For the drawings of the form drills (seat for the Legris compression ring), please contact us.

0168..39

Reducer, with Bi-Material Seal, Male BSPP Thread/Female BSPP and Metric Thread

Brass, zinc plated steel with NBR seal

Scan for more dimensions

C1	C2	References
G1/8	M5x0.8	0168 10 19 39
G1/4	M5x0.8	0168 13 19 39
G1/4	G1/8	0168 13 10 39
G3/8	G1/8	0168 17 10 39
G3/8	G1/4	0168 17 13 39
G1/2	G1/8	0168 21 10 39
G1/2	G1/4	0168 21 13 39
G1/2	G3/8	0168 21 17 39
G3/4	G1/4	0168 27 13 39
G3/4	G3/8	0168 27 17 39
G3/4	G1/2	0168 27 21 39

Screw with a bi-material bonded seal washer.
0139 bi-material bonded seal washers can be found in the "Connection accessories" section.

0127

Brass Tube Support for Polymer Tubing

Brass

Scan for more dimensions

ØD1	ØD2	References
4	2	0127 04 00
	2.5	0127 04 25
	2.7	0127 04 27
5	3	0127 05 03
	3.3	0127 05 00
6	4	0127 06 00
8	5.5	0127 08 55
	6	0127 08 00
10	7	0127 10 07
	7.5	0127 10 75
	8	0127 10 00
12	8	0127 12 08
	9	0127 12 09
	10	0127 12 00
14	11	0127 14 11
	12	0127 14 00
15	12	0127 15 12
16	13	0127 16 13
18	14	0127 18 14
22	16	0127 22 16

At high temperatures and pressures, using this part—by preventing the tube from retracting—ensures a secure grip.

LEGRIS STAINLESS STEEL COMPRESSION FITTINGS

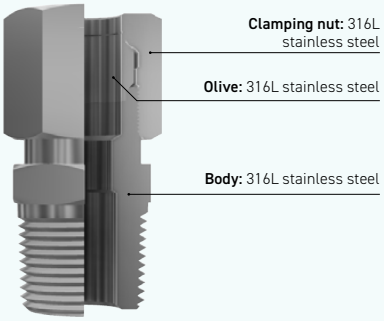
These compression fittings are designed for robust assemblies, offering superior resistance to harsh environmental conditions and corrosive fluids.

Technical specifications

- **Fluids:** compressed air, treated water
- **Operating pressure:** 10^{-2} up to 400 bar
- **Operating temperature:** -60°C to +250°C
- **Diameter:** 6 to 16 mm
- **Regulations:** RoHS, REACh, PED, FDA, CE no. 1935/2004

Performance depends on the fluid, material and tube used.

Component materials



Benefits

- **Chemical resistance:** manufactured in 316L stainless steel to improve resistance to corrosive fluids resistance to corrosive fluids.
- **High durability:** the all-stainless steel design withstands vibrations and shocks in demanding environments.

Recommended applications

Resistance to corrosive fluids in the chemical industry

Installation guide

Maximum nominal

The table below shows the maximum nominal diameter based on the installation threads for a few examples of tube diameters.

Tube O.D.	BSPP thread	Max. nominal diameter
6	G1/8	4
6-8-10	G1/4	7
10-12	G3/8	11
16	G1/2	14

Tube length for assembly

Minimum lenght of the tube (L) between 2 fittings.

ØD	L (mm)	ØD	L (mm)
4	26.5	10	39
6	26	12	39
8	32	16	46.5

Recommended tube and fitting assembly configurations

Type of tube	**Stainless steel tube:** cold-drawn, seamless "thin" tube, white annealed and in straight lengths.			
Type of assembly	Assembly made with Legris stainless steel olive and nut			
Common name of the tube	Tube dimensions		Maximum regular operating pressure (bar)	Operating pressure with water hammer (bar)
	Ø ext.	thick.		
4 x 6	6	1	400	290
6 x 8	8	1	310	225
8 x 10	10	1	240	185
10 x 12	12	1	200	145
14 x 16	16	1	140	110

Annealed stainless steel tube in coils: reduce operating pressure by 35%

Recommended nut tightening torques

With stainless steel tube with a wall thickness of 1 mm.

Tightening torque maximum (daN.m)	Nominal diameter				
	6	8	10	12	16
	2	3	4	6.5	9.5

The above recommendations are given according to specific test conditions. As each application is different, it is advisable to carry out tests under real conditions of use in order to obtain the appropriate results.

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1805
Stud Fitting, Male BSPT Thread

Stainless steel 316L

Scan for more dimensions

ØD	C	References
6	R1/8	1805 06 10
	R1/4	1805 06 13
8	R1/8	1805 08 10
	R1/4	1805 08 13
10	R1/4	1805 10 13
	R3/8	1805 10 17
	R1/2	1805 10 21
12	R1/4	1805 12 13
	R3/8	1805 12 17
	R1/2	1805 12 21
16	R3/8	1805 16 17
	R1/2	1805 16 21

1805
Stud Fitting, Male NPT Thread

Stainless steel 316L

Scan for more dimensions

ØD	C	References
6	NPT1/8	1805 06 11
	NPT1/4	1805 06 14
	NPT3/8	1805 06 18
8	NPT1/8	1805 08 11
	NPT1/4	1805 08 14
10	NPT1/4	1805 10 14
	NPT3/8	1805 10 18
	NPT1/2	1805 10 22
12	NPT1/4	1805 12 14
	NPT3/8	1805 12 18
	NPT1/2	1805 12 22

1814
Stud Fitting, Female BSPP Thread

Stainless steel 316L

Scan for more dimensions

ØD	C	References
6	G1/8	1814 06 10
	G1/4	1814 06 13
8	G1/4	1814 08 13
10	G3/8	1814 10 17
	G1/2	1814 10 21
12	G3/8	1814 12 17
	G1/2	1814 12 21
16	G1/2	1814 16 21

1809
Stud Elbow, Male BSPT Thread

Stainless steel 316L

Scan for more dimensions

ØD	C	References
6	R1/8	1809 06 10
	R1/4	1809 06 13
8	R1/8	1809 08 10
	R1/4	1809 08 13
10	R1/4	1809 10 13
	R3/8	1809 10 17
	R1/2	1809 10 21
12	R1/4	1809 12 13
	R3/8	1809 12 17
	R1/2	1809 12 21
16	R3/8	1809 16 17
	R1/2	1809 16 21

1809
Stud Elbow, Male NPT Thread

Stainless steel 316L

Scan for more dimensions

ØD	C	References
6	NPT1/4	1809 06 14
8	NPT1/8	1809 08 11
	NPT1/4	1809 08 14
10	NPT1/4	1809 10 14
	NPT3/8	1809 10 18
	NPT1/2	1809 10 22
12	NPT1/2	1809 12 22

1820
Stem Adaptor, Male NPT Thread

Stainless steel 316L

Scan for more dimensions

ØD	C	References
10	NPT1/4	1820 10 14
12	NPT1/4	1820 12 14
	NPT1/2	1820 12 22

1820
Stud Standpipe, Male BSPT Thread

Stainless steel 316L

Scan for more dimensions

ØD	C	References
6	R1/8	1820 06 10
	R1/4	1820 06 13
8	R1/8	1820 08 10
	R1/4	1820 08 13
10	R1/4	1820 10 13
	R3/8	1820 10 17
	R1/2	1820 10 21
12	R1/4	1820 12 13
	R3/8	1820 12 17
	R1/2	1820 12 21
16	R1/2	1820 16 21

1806
Equal Tube-to-Tube Connector

Stainless steel 316L

Scan for more dimensions

ØD	References
6	1806 06 00
8	1806 08 00
10	1806 10 00
12	1806 12 00
16	1806 16 00

1816
Equal Bulkhead Connector

Stainless steel 316L

Scan for more dimensions

ØD	References
6	1816 06 00
8	1816 08 00
10	1816 10 00
12	1816 12 00
16	1816 16 00

1802
Equal Elbow

Stainless steel 316L

Scan for more dimensions

ØD	References
6	1802 06 00
8	1802 08 00
10	1802 10 00
12	1802 12 00
16	1802 16 00

1804
Equal Tee

Stainless steel 316L

Scan for more dimensions

ØD	References
6	1804 06 00
8	1804 08 00
10	1804 10 00
12	1804 12 00
16	1804 16 00

1866
3-Piece Reducer

Stainless steel 316L

Scan for more dimensions

ØD1	ØD2	References
6	8	1866 06 08
	10	1866 06 10
8	10	1866 08 10

1824
Stainless Steel Olive

Stainless steel 316L

Scan for more dimensions

ØD	References
6	1824 06 00
8	1824 08 00
10	1824 10 00
12	1824 12 00
16	1824 16 00

1810
Stainless Steel Nut

Stainless steel 316L

Scan for more dimensions

ØD	C	References
6	M10x1	1810 06 00
8	M12x1	1810 08 00
10	M16x1.5	1810 10 00
12	M18x1.5	1810 12 00
16	M22x1.5	1810 16 00

1822
Barb Adaptor for Hose

Stainless steel 316L

Scan for more dimensions

ØD1	ØD2	ØD3	References
6	7	9	1822 06 07
8	6	8	1822 08 06
	7	9	1822 08 07
	10	12.5	1822 08 10
10	7	9	1822 10 07
	10	12.5	1822 10 10
12	10	12.2	1822 12 10
	13	15	1822 12 13

1827
Tube Support for Fluoropolymer Tubing

Stainless steel 316L

Scan for more dimensions

ØD1	ØD2	References
6	4	1827 06 00
8	6	1827 08 00
10	8	1827 10 00
12	9	1827 12 09
	10	1827 12 00
16	13	1827 16 13
	14	1827 16 00

This sleeve must be used with fluoropolymer tubing, at all temperatures and pressures compatible with the fitting/ tube assembly.

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04

THE MARKET BENCHMARK

For over 50 years, Rectus couplers have been the benchmark in the industrial pneumatic market, as well as in specialised fluid transfer sectors.

RELIABILITY AND DURABILITY

The in-house manufacture of Rectus couplers guarantees our customers optimum reliability and durability for repeated connections and disconnections.

A ROBUST SUPPLY CHAIN

Thanks to localised production in Germany and integrated logistics in Europe, our wide range of Rectus couplers is available quickly and continuously.

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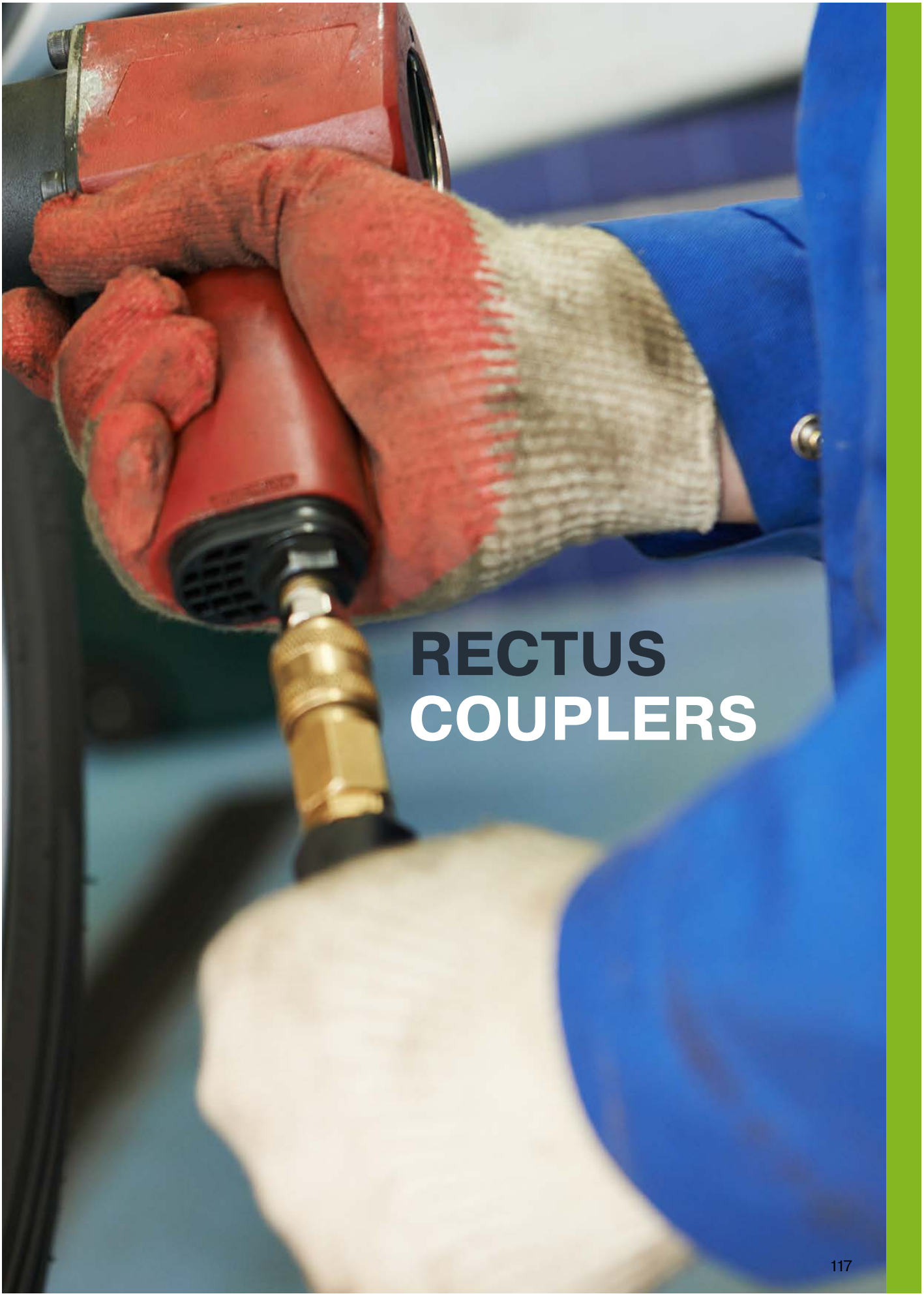

RECTUS COUPLERS

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PRODUCTS OFFER

RECTUS COUPLERS		Profile	DN	Air Flow rate NL/min	Water Flow rate NL/min	Function	Series	PAGE
BRASS Page 122 Brass body		EURO	2.7	165	-	KA	20	**123**
		EURO	5	550	-	KA	21	**125**
		ISO B	5.5	820	-	KA	24	**127**
		ARO	5.5	660	-	KA	14	**128**
		EURO	7.2	1070	-	KA	26	**129**
NICKEL-PLATED BRASS Page 132 Nickel-plated brass body (*nickel-plated steel)		Rectus	1.5	50	0.6	KA	2	**134**
		EURO	2.7	130 to 165	1.2 to 1.5	KA, KB, KF	20	**135**
		EURO	5	310 to 550	2.7 to 7	KA, KB, KF	21	**139**
		Rectus	5	310 to 550	2.7 to 7	KA, KB	21 coded	**139**
		ISO B	5.5	960	14	KA	23	**145**
		ISO C	5.5	970	12.7	KA	18	**146**
		ARO	5.5	800	15	KA	22	**147**
		EURO	7.8	710 to 1800	7.1 to 28	KA, KB, KF	25	**148**
		Rectus	7.8	710 to 1800	7.1 to 28	KA, KB	25 coded	**148**
		ISO B	8.5	1050	14	KA	30*	**152**
		ARO	9	1400	18	KA	40	**153**
		EURO	10	950 to 2400	14 to 31	KA, KB, KF	27	**154**
		ISO B	11	2600	33	KA	37	**156**
		ISO 7241-1 B	13	-	79	KB	75	**157**
		American	15	2150	27	KB	38	**158**
		American	19	3000	33	KB	39	**159**
STAINLESS STEEL Page 160 Stainless steel body 303 or 316L		EURO	2.7	130	1.2	KA, KB, KF	20	**161**
		ISO C	3	160	2.2	KB	303	**164**
		EURO	5	310	2.7	KA, KB, KF	21	**165**
		Rectus	5	310	2.7	KA, KB, KF	21 coded	**165**
		EURO	7.4	710	7.1	KA, KB, KF	25	**169**
		EURO	10	950	14	KA, KB, KF	27	**172**
		ISO 7241-1 B	4.3-20	-	6 to 117	KB, KF	70	**174**
HIGH FLOW Page 176 Steel body		ISO B	5.5	950	-	KA	1400/1423	**177**
		EURO	7.8	2020	-	KA	1600/1625	**178**
		EURO	10	3500	-	KA	1700/1727	**179**
SAFETY DISCONNECTION Page 180	**Industrial version** Nickel-plated brass body	Rectus	5-7.8	310 to 1800	2.7 to 28	KS, KD	21/25	**182**
	Breathing air version Nickel-plated brass or 303 stainless steel body	Rectus	7.4	1700	-	KS	95/96	**184**
SELF-VENTING SAFETY Page 186	**Push-button version** Aluminium body	ISO B	5.5–8	675 to 1970	-	KP	24/30	**188, 191**
		ISO C	5.5–8	810 to 2100	-	KP	18/84	**189, 192**
		EURO	7.4	1225	-	KP	26	**190**
	Translation sleeve version Nickel-plated steel brass body	ISO B	5.5	950	-	KE	1400	**193**
		ARO	5.5	1400	-	KE	14	**194**
		EURO	7.4–10	830 to 3500	-	KE	26/1600/1700	**195**
	Rotating sleeve version Technical polymer body	ARO	5.5	1250	-	KE	94**A	**198**
		ISO B	5.5–8	1250 to 2400	-	KE	94**U	**199, 200**
		EURO	7.2	2000	-	KE	94**E	**201**
THERMOPLASTICS Page 202 Engineering polymer body		EURO	5	310 to 550	2.7 to 7	KB	21	**202**
		Rectus	5	310 to 550	2.7 to 7	KB	21 coded	**203**
		Rectus	7	770 to 1100	12 to 17	KB	48/48 coded	**208**
		ISO 7241-1 B	6–20	-	-	KB	70	**211**
FLAT FACE Page 212 Nickel-plated brass bodyor stainless steel		EURO	5-7.8	-	2.7 to 7.1	KL	21/25	**215, 218**
		Rectus	4-6-9 & 3-9	-	1.2 to 27	KL	200	**214, 217, 219**

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HOW TO CHOOSE YOUR COUPLER

What type of fluid do you wish to convey?

Parker offers ranges dedicated to **compressed air and neutral gases**. Most of our couplers have a minimum vacuum performance of 96%.

Parker presents ranges specifically designed for **water**, including:

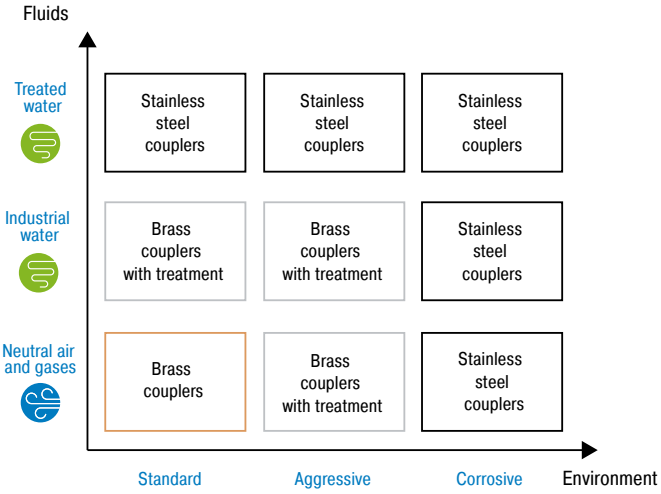
- *Industrial water (tap water).*
- *Treated water (deionised, pure and demineralised)*

All our solutions are compatible with glycol mixtures.

Parker also has ranges compatible with **technical gases**:

- *Oxygen, breathing air, carbon dioxide, analytical gases, anaesthetic gases and inert gases.*

In what kind of environment do you use your coupler?



Which function do you require?

FLOW CONTROL?

KA Single Shut-off
- The plug is full bore
- Flow is stopped by the valve inside the coupler during disconnection.

KB Double Shut-off
- Valve in the end piece and coupler
- Pressure is maintained on both sides.

KF Straight-Through
- Better flow rate/no turbulence
- Ideal for use with liquids

KL Dry-Break
- The coupler and the plug have a flat valve.
- Ideal to prevent drops of the medium escaping

ENSURE SAFETY?

with an anti-disconnection system

KS Single Shut-off
- Same as KA with locking mechanism to prevent accidental disconnection

KD Double Shut-off
- Same as KB with locking mechanism to prevent accidental disconnection

with self-venting system anti whilplash effect

KE Self-venting Sleeve Design

KP Self-venting Push Button

Self-venting system to prevent accidental disconnection or whilplash effect

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HOW TO CHOOSE YOUR COUPLER

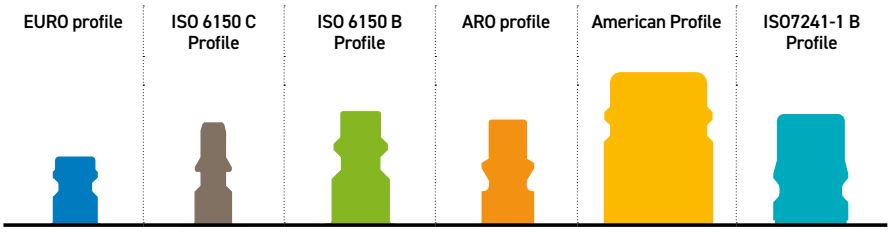
Do you have any compliance requirements?

- All our products comply with RoHS and REACh standards.
- All our processes comply with ISO 9001 and ISO 14001 standards.

For a complete list of our certificates, please click here.

What profile do you need?

The standard profiles of the Rectus couplers range in the catalogue are as follows:



Parker also offers other profiles for its Rectus couplers, available at parker.com.

DN	Profile	Series	QR code
2	Rectus	Mini series	
2.5	German	50 series	
3	Rectus	Mini series	
5	British	17 series	
5	Rectus	Standard series	
5.5	British	19 series	

DN	Profile	Series	QR code
6	German	52 series	
7.5	Japanese	13 series	
8	Scandinavian	33 series	
10	Rectus	41 series	
10	Scandinavian	34 series	
12	German	57 series	

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Part number identifcation

Couplers
KA = Single Shut-off
KB = Double Shut-off
KF = Straight Through
KL = Flat face (double Shut-off)
KE = Self-venting system
KP = Push button
KS = Safety (Single Shutt-off)
KD = Safety (Double Shut-off)

Plugs
SF = Single Shut-off
SB = Double Shut-off
SL = Flat face (double Shut-off)
SS = Safety (Single Shutt-off)
SD = Safety (Double Shut-off)

Metric threads
05 = M 5
10 = M 10 x 1
12 = M 12 x 1.5
14 = M 14 x 1.5
16 = M 16 x 1.5
18 = M 18 x 1.5

Thread sizes
10 = 1/8"
13 = 1/4"
17 = 3/8"
21 = 1/2"
26 = 3/4"
33 = 1"

Hose connection
03 = for 3 mm LW (1/8")
04 = for 4 mm LW (5/32")
06 = for 5 mm LW (1/4")
08 = for 8 mm LW (5/16")
09 = for 9 mm LW (3/8")
13 = for 13 mm LW (1/2")
19 = for 19 mm LW (3/4")
25 = for 25 mm LW (1")

Plastic hose
04 = for 3 x 4 mm
05 = for 3 x 5 mm
36 = for 3 x 6.3 mm
06 = for 4 x 6 mm
46 = for 4 x 6.3 mm
08 = for 6 x 8 mm
10 = for 8 x 10 mm
12 = for 9 x 12 mm
16 = for 13 x 16 mm

Seal
X = Without seal
P = Perbunan (NBR)
V = FKM/FPM
E = Ethylene Propylene Diene Monomer (EPDM)
S = Silicone
K = FFKM

Addition 2 Colour code
B = Blue
G = Green
R = Red
Y = Yellow

Surface
X = without surface treatment
N = nickel-plated
Z = zinc-coated
P = PEEK compression springs (only for Rectuchem+)

21 KA AW 13 M P X X X

Serial numbers

Material
M = Brass CuZn39Pb3 2.0401 (except sleeve)
B = Brass CuZn39Pb3 2.0401 (completely)
S = 9SMnPb28K steel 1.0718
R = AISI 303 stainless steel
E = AISI 316 L stainless steel
D = POM (Delrin)
F = PVDF

Hose connection
TF = Hose barb
TH = Hose barb 45°
TS = Panel Mount with Hose barb
TD = for DIN EN 560 tube
TE = Front Panel Installation, Hose Barb Panel Mount

Plastic Tube connection
KO = with Hose Nut, without spring guard
KS = Panel mounted, without spring guard
KE = Panel mounted, with plastic hose connection
KK = with spring guard

Male threads
AW = BSP parallel
AM = Metric thread DIN 13
AK = BSP tapered
AN = NPT thread
RP = with LF Push-In connection
AF = UNF
AO = Hexagon fitted with a seal
AR = 90° tapered BSP

Female threads
IW = Parallel Withworth ISO 228
IM = Metric DIN 13
IN = NPSF B1.20.3
IT = Conical NPT B1.20.1

Addition 1
S = Marking for special version
0 = RECTUKey round
3 = RECTUKey triangle
6 = RECTUKey hexagon
8 = RECTUKey octagon

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BRASS COUPLERS

For over 50 years, Rectus has been offering a range of **brass couplers** suitable for pneumatic applications in standard environments, available in several diameters and profiles for industry and maintenance and repair workshops.

Technical specifications

Fluids: compressed air and neutral gases

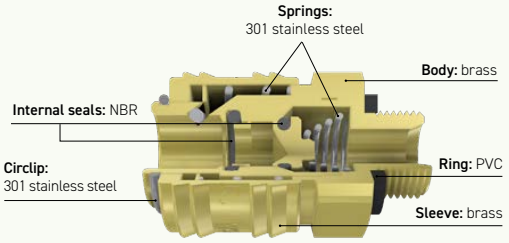
Operating pressure: up to 35 bar

Operating temperature: -20°C to +100°C

Functions: KA

Regulations: RoHS, REACh

Components materials



Nominal diameter (mm)	Profile	Flow rate (NL/min)*	Series coupler	Plugs series
2.7	EURO	165	20	20
5	EURO	550	21	21
5.5	ISOB	820	24	23
5.5	ARO	660	14	22
7.2	EURO	1070	26	26

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

Performance depends on the fluids, materials and tube used.

Benefits

- **All standard sizes** for the most common industrial applications.
- **Wide range of connections** facilitating numerous connection options for pneumatic tools.
- **Design with NBR seal** compatible with most compressed air applications.
- **Series 26 coupler available in polymer sleeve version**, offering lightness and ease of use.

Recommended applications

Coupler compatible with most industrial blowguns on the market

Numerous connections suitable for industrial machinery

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20KAAM
Coupler with valve, Male Thread

Brass, NBR

Scan for more dimensions

A	References
M5	20KAAM05MPX

20KAAW
Coupler with valve, Male Thread

Brass, NBR

Scan for more dimensions

A	References
G1/8	20KAAW10MPX

20KAIM
Coupler with valve, Female Thread

Brass, NBR

Scan for more dimensions

A	References
M5	20KAIM05MPX

20KAIW
Coupler with valve, Female Thread

Brass, NBR

Scan for more dimensions

A	References
G1/8	20KAIW10MPX

20KAKO
Coupler with valve, with Plastic Hose Connection

Brass, NBR

Scan for more dimensions

A	References
3 x 4	20KAKO04MPX
3 x 5	20KAKO05MPX
4 x 6	20KAKO06MPX

20KAKS
Coupler with valve, Panel Mount with Plastic Hose Connection

Brass, NBR

Scan for more dimensions

A	References
4 x 6	20KAKS06MPX

20KATF
Coupler with valve, Hose Barb

Brass, NBR

Scan for more dimensions

A	References
3	20KATF03MPX
4	20KATF04MPX
5	20KATF05MPX
6	20KATF06MPX

20KATS
Coupler with valve, Panel Mount with Hose Barb

Brass, NBR

Scan for more dimensions

A	References
3	20KATS03MPX
6	20KATS06MPX

20SFAM
Plug without valve, Male Thread

Brass

Scan for more dimensions

A	References
M5	20SFAM05MXX

20SFAW
Plug without valve, Male Thread

Brass

Scan for more dimensions

A	References
G1/8	20SFAW10MXX

20SFIM
Plug without valve, Female Thread

Brass

Scan for more dimensions

A	References
M5	20SFIM05MXX

20SFIW
Plug without valve, Female Thread

Brass

Scan for more dimensions

A	References
G1/8	20SFIW10MXX

20SFKO

Plug without valve, with Plastic Hose Connection

Brass

Scan for more dimensions

A	References
3 x 4	20SFKO04MXX
4 x 6	20SFKO06MXX
3 x 6.3	20SFKO36MXX

20SFKS

Plug without valve, Panel Mount with Plastic Hose Connection

Brass

Scan for more dimensions

A	References
3 x 4	20SFKS04MXX
4 x 6	20SFKS06MXX

20SFTF

Plug without valve, Hose Barb

Brass

Scan for more dimensions

A	References
3	20SFTF03MXX
4	20SFTF04MXX

20SFTS

Plug without valve, Panel Mount with Hose Barb

Brass

Scan for more dimensions

A	References
3	20SFTS03MXX
4	20SFTS04MXX

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21KAAK
Coupler with valve, Male Thread

Brass, NBR

Scan for more dimensions

A	References
R3/8	21KAAK17MPX

21KAAW
Coupler with valve, Male Thread

Brass, NBR

Scan for more dimensions

A	References
G1/8	21KAAW10MPX
G1/4	21KAAW13MPX
G3/8	21KAAW17MPX

21KAIW
Coupler with valve, Female Thread

Brass, NBR

Scan for more dimensions

A	References
G1/8	21KAIW10MPX
G1/4	21KAIW13MPX
G3/8	21KAIW17MPX

21KAKE
Coupler with valve, panel mount for hose

Brass, NBR

Scan for more dimensions

A	References
6 x 8	21KAKE08MPX
6	20KATS06MPX

21KAKK
Coupler with valve, Plastic Hose Connection with Spring Guard

Brass, NBR

Scan for more dimensions

A	References
4 x 6	21KAKK06MPX
6 x 8	21KAKK08MPX

21KAKO
Coupler with valve, with Plastic Hose Connection

Brass, NBR

Scan for more dimensions

A	References
4 x 6	21KAKO06MPX
6 x 8	21KAKO08MPX

21KAKS
Coupler with valve, Panel Mount with Plastic Hose Connection

Brass, NBR

Scan for more dimensions

A	References
4 x 6	21KAKS06MPX
6 x 8	21KAKS08MPX

21KATF
Coupler with valve, Hose Barb

Brass, NBR

Scan for more dimensions

A	References
4	21KATF04MPX
5	21KATF05MPX
6	21KATF06MPX
8	21KATF08MPX
9	21KATF09MPX
10	21KATF10MPX

21KATS
Coupler with valve, Panel Mount with Hose Barb

Brass, NBR

Scan for more dimensions

A	References
6	21KATS06MPX
8	21KATS08MPX
9	21KATS09MPX
10	21KATS10MPX

21SFAK
Plug without valve, Male Thread

Brass

Scan for more dimensions

A	References
R1/4	21SFAK13MXX

21SFAW
Plug without valve, Male Thread

Brass

Scan for more dimensions

A	References
G1/8	21SFAW10MXX
G1/4	21SFAW13MXX
G3/8	21SFAW17MXX

21SFIM
Plug without valve, Female Thread

Brass

Scan for more dimensions

A	References
M12 x 1.5	21SFIM12MXX

21SFIW

Plug without valve, Female Thread

Brass

Scan for more dimensions

A	References
G1/8	21SFIW10MXX
G1/4	21SFIW13MXX
G3/8	21SFIW17MXX

21SFKO

Plug without valve, with Plastic Hose Connection

Brass

Scan for more dimensions

A	References
4 x 6	21SFKO06MXX
6 x 8	21SFKO08MXX

21SFKS

Plug without valve, Panel Mount with Plastic Hose Connection

Brass

Scan for more dimensions

A	References
4 x 6	21SFKS06MXX
6 x 8	21SFKS08MXX

21SFTF

Plug without valve, Hose Barb

Brass

Scan for more dimensions

A	References
4	21SFTF04MXX
5	21SFTF05MXX
6	21SFTF06MXX
8	21SFTF08MXX
9	21SFTF09MXX
10	21SFTF10MXX

21SFTS

Plug without valve, Panel Mount with Hose Barb

Brass

Scan for more dimensions

A	References
6	21SFTS06MXX

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24KAAW
Coupler with valve, Male Thread

Brass, NBR

Scan for more dimensions

A	References
G1/4	24KAAW13MPX
G3/8	24KAAW17MPX
G1/2	24KAAW21MPX

24KAIW
Coupler with valve, Female Thread

Brass, NBR

Scan for more dimensions

A	References
G1/4	24KAIW13MPX
G3/8	24KAIW17MPX
G1/2	24KAIW21MPX

24KATF
Coupler with valve, Hose Barb

Brass, NBR

Scan for more dimensions

A	References
6	24KATF06MPX
8	24KATF08MPX
10	24KATF10MPX
13	24KATF13MPX

23SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/8	23SFAK10SXN
R1/4	23SFAK13SXN
R3/8	23SFAK17SXN
R1/2	23SFAK21SXN

23SFAW
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFAW10SXN
G1/4	23SFAW13SXN
G3/8	23SFAW17SXN
G1/2	23SFAW21SXN

23SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFIW10SXN
G1/4	23SFIW13SXN
G3/8	23SFIW17SXN
G1/2	23SFIW21SXN

23SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
6	23SFTF06SXN
8	23SFTF08SXN
9	23SFTF09SXN
10	23SFTF10SXN
13	23SFTF13SXN

14KAAK

Coupler with valve, Male Thread

Brass, NBR

Scan for more dimensions

A	References
R1/2	14KAAK21MPX

14KAAW

Coupler with valve, Male Thread

Brass, NBR

Scan for more dimensions

A	References
G1/4	14KAAW13MPX
G3/8	14KAAW17MPX
G1/2	14KAAW21MPX

14KAIW

Coupler with valve, Female Thread

Brass, NBR

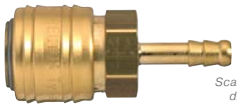
Scan for more dimensions

A	References
G1/4	14KAIW13MPX
G3/8	14KAIW17MPX
G1/2	14KAIW21MPX

14KATF

Coupler with valve, Hose Barb

Brass, NBR



Scan for more dimensions

A	References
6	14KATF06MPX
8	14KATF08MPX
9	14KATF09MPX
10	14KATF10MPX
13	14KATF13MPX

22SFAK

Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/8	22SFAK10SXN
R1/4	22SFAK13SXN
R3/8	22SFAK17SXN
R1/2	22SFAK21SXN

22SFAW

Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	22SFAW13SXN
G1/2	22SFAW21SXN

22SFIW

Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	22SFIW13SXN
G3/8	22SFIW17SXN
G1/2	22SFIW21SXN

22SFTF

Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
6	22SFTF06SXN
8	22SFTF08SXN
9	22SFTF09SXN
10	22SFTF10SXN
13	22SFTF13SXN

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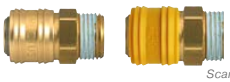
26KAAW

Coupler with valve, Male Thread

Brass, NBR



Scan for more dimensions

A	References	
	Brass sleeve	Polymer sleeve
G1/8	26KAAW10MPX	
G1/4	26KAAW13MPX	26KAAW13MPXY
G3/8	26KAAW17MPX	26KAAW17MPXY
G1/2	26KAAW21MPX	26KAAW21MPXY

26KAIM

Coupler with valve, Female Thread

Brass, NBR

Scan for more dimensions

A	References
M14 x 1.5	26KAIM14MPX
M16 x 1.5	26KAIM16MPX

26KAIW

Coupler with valve, Female Thread

Brass, NBR

Scan for more dimensions

A	References	
	Brass sleeve	Polymer sleeve
G1/4	26KAIW13MPX	26KAIW13MPXY
G3/8	26KAIW17MPX	26KAIW17MPXY
G1/2	26KAIW21MPX	26KAIW21MPXY

26KAKK

Coupler with valve, Plastic Hose Connection with Spring Guard

Brass, NBR

Scan for more dimensions

A	References
6 x 8	26KAKK08MPX
8 x 10	26KAKK10MPX
9 x 12	26KAKK12MPX

26KAKO

Coupler with valve, with Plastic Hose Connection

Brass, NBR

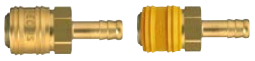
Scan for more dimensions

A	References
4 x 6	26KAKO06MPX
6 x 8	26KAKO08MPX
8 x 10	26KAKO10MPX
9 x 12	26KAKO12MPX

26KATF

Coupler with valve, Hose Barb

Brass, NBR



Scan for more dimensions

A	References	
	Brass sleeve	Polymer sleeve
6	26KATF06MPX	26KATF06MPXY
8	26KATF08MPX	26KATF08MPXY
9	26KATF09MPX	26KATF09MPXY
10	26KATF10MPX	26KATF10MPXY
13	26KATF13MPX	26KATF13MPXY

26KATS

Coupler with valve, Panel Mount with Hose Barb

Brass, NBR

Scan for more dimensions

A	References
6	26KATS06MPX
8	26KATS08MPX
10	26KATS10MPX

26SFAW

Plug without valve, Male Thread

Brass

Scan for more dimensions

A	References
G1/8	26SFAW10MXX
G1/4	26SFAW13MXX
G3/8	26SFAW17MXX
G1/2	26SFAW21MXX

26SFIM

Plug without valve, Female Thread

Brass

Scan for more dimensions

A	References
M14 x 1.5	26SFIM14MXX
M16 x 1.5	26SFIM16MXX

26SFIW

Plug without valve, Female Thread

Brass

Scan for more dimensions

A	References
G1/8	26SFIW10MXX
G1/4	26SFIW13MXX
G3/8	26SFIW17MXX
G1/2	26SFIW21MXX

26SFKK

Plug without valve, Plastic Hose Connection with Spring Guard

Brass

Scan for more dimensions

A	References
4 x 6	26SFKK06MXX
6 x 8	26SFKK08MXX
8 x 10	26SFKK10MXX
9 x 12	26SFKK12MXX

26SFKO

Plug without valve, with Plastic Hose Connection

Brass

Scan for more dimensions

A	References
4 x 6	26SFKO06MXX
6 x 8	26SFKO08MXX
8 x 10	26SFKO10MXX
9 x 12	26SFKO12MXX

26SFTF

Plug without valve, Hose Barb

Brass

Scan for more dimensions

A	References
4	26SFTF04MXX
6	26SFTF06MXX
8	26SFTF08MXX
9	26SFTF09MXX
10	26SFTF10MXX
13	26SFTF13MXX

26SFTS

Plug without valve, Panel Mount with Hose Barb

Brass

Scan for more dimensions

A	References
8	26SFTS08MXX
10	26SFTS10MXX

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NICKEL-PLATED BRASS COUPLERS

Coated with chemical nickel plating, these **Rectus couplers** offer a reliable solution for air and neutral gases in aggressive environments, while ensuring a consistent aesthetic appearance throughout the entire process. They are also available in a double Shut-off version for liquids in standard or aggressive environments, and in a full bore version to optimise flow rate.

Technical specifications

Fluids: compressed air, neutral gases, industrial water

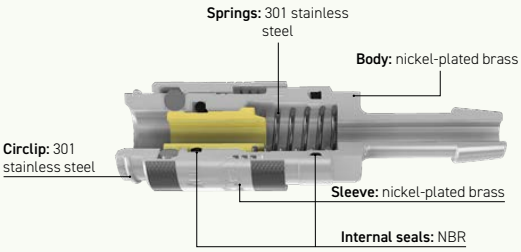
Operating pressure: up to 35 bar (160 bar for the 75 series)

Operating temperature: -20°C to +100°C

Functions: KA, KB, KF

Regulations: RoHS, REACh

Components materials



Nominal diameter (mm)	Profile	Flow rate (NL/min)*		Series coupler	Plugs series
		Air	Water		
1.5	Rectus	50 (KA)	0.6 (KA)	2	2
2.7	EURO	130 (KB) to 165 (KA)	1.2 (KB) to 1.5 (KA)	20	20
5	EURO	310 (KB) to 550 (KA)	2.7 (KB) to 7 (KA)	21	21
5	EURO	310 (KB) to 550 (KA)	2.7 (KB) to 7 (KA)	21 coded	21 coded
5.5	ISO B	960 (KA)	14 (KA)	23	23
5.5	ISO C	970 (KA)	12.7 (KA)	18	18
5.5	ARO	800 (KA)	15 (KA)	22	22
7.8	Rectus	710 (KB) to 1800 (KA)	7.1 (KB) to 28 (KA)	25	25
7.8	EURO	710 (KB) to 1800 (KA)	7.1 (KB) to 28 (KA)	25 coded	25 coded
8.5	ISO B	1050 (KA)	14 (KA)	30	30
9	ARO	1400 (KA)	18 (KA)	40	40
10	EURO	950 (KB) to 2400 (KA)	14 (KB) to 31 (KA)	27	27
11	ISO B	2600 (KA)	33 (KA)	37	37
13	ISO 7241-1 B	-	79 (KB)	75	75
15	American	2150 (KB)	27 (KB)	38	38
19	American	3000 (KB)	33 (KB)	39	39

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

Performance depends on the fluids, materials and tube used.

Identification of coded versions

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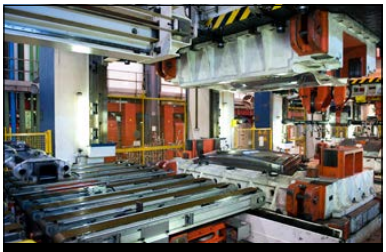
Benefits

- **Nickel-plated brass design** to withstand mechanical shocks and ensure greater robustness in harsh environments.
- **Surface treatment** facilitates the integration of couplers into processes where aesthetics are an important factor.
- **Available with double shut-off (KB)** for optimal use with industrial water in standard and aggressive environments.
- **Also available in Straight-Through (KF)** to optimise air flow in aggressive environments.
- **The 21 and 25 series are available in coded versions** to secure the coupler to its plug and prevent fluid mixing.
- **The 75 series stands out for its high flow rate,** high pressure resistance and low pressure drop.

Recommended applications



Robustness in harsh environments

Shiny appearance for aesthetic integration into industrial processes

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02KAAM

Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
M3	02KAAM03MPN

02KAIM

Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
M3	02KAIM03MPN

02KATF

Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
2	02KATF02MPN
3	02KATF03MPN

02KATS

Coupler with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
2	02KATS02MPN
3	02KATS03MPN

02SFAM

Plug without valve, Male Thread

Nickel-plated brass

Scan for more dimensions

A	References
M3	02SFAM03MXN

02SFIM

Plug without valve, Female Thread

Nickel-plated brass

Scan for more dimensions

A	References
M3	02SFIM03MXN

02SFTF

Plug without valve, Hose Barb

Nickel-plated brass

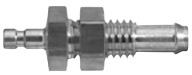
Scan for more dimensions

A	References
2	02SFTF02MXN
3	02SFTF03MXN

02SFTS

Plug without valve, Panel Mount with Hose Barb

Nickel-plated brass



Scan for more dimensions

A	References
2	02SFTS02MXN

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20KAAF
Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
No. 10-32 UNF	20KAAF05MPN

20KAAM
Coupler with valve, Male Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
M3	20KAAM03MPN
M5	20KAAM05MPN
	20KAAM05MEN
	20KAAM05MVN

20KAAW
Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/8	20KAAW10MPN

20KAIM
Coupler with valve, Female Thread

Nickel-plated brass, NBR, EPDM

Scan for more dimensions

A	References
M5	20KAIM05MPN
	20KAIM05MEN

20KAIW
Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/8	20KAIW10MPN

20KAKO
Coupler with valve, with Plastic Hose Connection

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
3 x 4	20KAKO04MPN
3 x 5	20KAKO05MPN
4 x 6	20KAKO06MPN
	20KAKO06MVN
3 x 6.3	20KAKO36MPN

20KAKS
Coupler with valve, Panel Mount with Plastic Hose Connection

Nickel-plated brass, NBR

Scan for more dimensions

A	References
3 x 4	20KAKS04MPN
3 x 5	20KAKS05MPN
4 x 6	20KAKS06MPN
3 x 6.3	20KAKS36MPN

20KATF
Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
2	20KATF02MPN
3	20KATF03MPN
4	20KATF04MPN
5	20KATF05MPN
9	20KATF09MPN

20KATS
Coupler with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
3	20KATS03MPN
4	20KATS04MPN
6	20KATS06MPN

20KBAM
Coupler with valve, Male Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
M5	20KBAM05MPN
	20KBAM05MEN
	20KBAM05MVN

20KBAW
Coupler with valve, Male Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/8	20KBAW10MPN
	20KBAW10MEN
	20KBAW10MVN

20KBIM
Coupler with valve, Female Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
M5	20KBIM05MPN
	20KBIM05MVN
M12x1	20KBIM12MPN

20KBIW
Coupler with valve, Female Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/8	20KBIW10MPN
	20KBIW10MEN
	20KBIW10MVN

20KBKO
Coupler with valve, with Plastic Hose Connection

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
3 x 4	20KBKO04MPN
	20KBKO04MEN
	20KBKO04MVN
3 x 5	20KBKO05MPN
4 x 6	20KBKO06MPN
	20KBKO06MEN
	20KBKO06MVN

20KBKS
Coupler with valve, Panel Mount with Plastic Hose Connection

Nickel-plated brass, NBR, EPDM

Scan for more dimensions

A	References
3 x 4	20KBKS04MEN
4 x 6	20KBKS06MPN
3 x 6.3	20KBKS36MPN

20KBTF
Coupler with valve, Hose Barb

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
3	20KBTF03MPN
4	20KBTF04MPN
5	20KBTF05MPN
	20KBTF05MEN
	20KBTF05MVN

20KBTS
Coupler with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
3	20KBTS03MPN
4	20KBTS04MPN

20KFAM
Coupler without valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
M5	20KFAM05MPN

20KFAW
Coupler without valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/8	20KFAW10MPN

20KFIM
Coupler without valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
M5	20KFIM05MPN

20KFKO
Coupler without valve, with plastic hose connection

Nickel-plated brass, NBR

Scan for more dimensions

A	References
3 x 4	20KFKO04MPN
4 x 6	20KFKO06MPN

20KFKS
Coupler without valve, panel mount, with plastic hose connection

Nickel-plated brass, NBR

Scan for more dimensions

A	References
3 x 4	20KFKS04MPN
3 x 5	20KFKS05MPN
4 x 6	20KFKS06MPN

20KFTF
Coupler without valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
3	20KFTF03MPN
4	20KFTF04MPN
5	20KFTF05MPN

20KFTS
Coupler without valve, panel mount with hose barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
3	20KFTS03MPN
4	20KFTS04MPN

20SBAM
Plug with valve, Male Thread

Nickel-plated brass, NBR, EPDM

Scan for more dimensions

A	References
M5	20SBAM05MPN
	20SBAM05MEN
M6	20SBAM06MPN

20SBAW
Plug with valve, Male Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/8	20SBAW10MPN
	20SBAW10MEN
	20SBAW10MVN

20SBIM
Plug with valve, Female Thread

Nickel-plated brass, NBR,FKM

Scan for more dimensions

A	References
M5	20SBIM05MPN
	20SBIM05MVN

20SBIW
Plug with valve, Female Thread

Nickel-plated brass, NBR, EPDM

Scan for more dimensions

A	References
G1/8	20SBIW10MPN
	20SBIW10MEN

20SBKO
Plug with valve, with Plastic Hose Connection

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
3 x 4	20SBKO04MPN
	20SBKO04MVN
3 x 5	20SBKO05MPN
4 x 6	20SBKO06MPN
	20SBKO06MEN
	20SBKO06MVN

20SBKS
Plug with valve, Panel Mount with Plastic Hose Connection

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
3 x 4	20SBKS04MPN
	20SBKS04MVN
4 x 6	20SBKS06MPN
	20SBKS06MVN

20SBTF
Plug with valve, Hose Barb

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
3	20SBTF03MPN
4	20SBTF04MPN
	20SBTF04MEN
5	20SBTF05MPN
	20SBTF05MVN

20SBTS
Plug with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
3	20SBTS03MPN
4	20SBTS04MPN

20SFAM
Plug without valve, Male Thread

Nickel-plated brass

Scan for more dimensions

A	References
M5	20SFAM05MXN
M6	20SFAM06MXN

20SFAW
Plug without valve, Male Thread

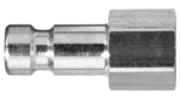
Nickel-plated brass

Scan for more dimensions

A	References
G1/8	20SFAW10MXN

20SFIM
Plug without valve, Female Thread

Nickel-plated brass

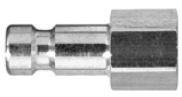


Scan for more dimensions

A	References
M5	20SFIM05MXN

20SFIW
Plug without valve, Female Thread

Nickel-plated brass



Scan for more dimensions

A	References
G1/8	20SFIW10MXN

20SFKO

Plug without valve, with Plastic Hose Connection

Nickel-plated brass

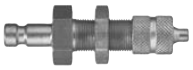
Scan for more dimensions

A	References
3 x 4	20SFKO04MXN
3 x 5	20SFKO05MXN
4 x 6	20SFKO06MXN
3 x 6.3	20SFKO36MXN

20SFKS

Plug without valve, Panel Mount with Plastic Hose Connection

Nickel-plated brass



Scan for more dimensions

A	References
3 x 4	20SFKS04MXN
3 x 5	20SFKS05MXN
4 x 6	20SFKS06MXN

20SFRP

Plug without valve, Push-In

Nickel-plated brass

Scan for more dimensions

A	References
4	20SFRP04MPN

20SFTF

Plug without valve, Hose Barb

Nickel-plated brass

Scan for more dimensions

A	References
2	20SFTF02MXN
3	20SFTF03MXN
4	20SFTF04MXN
5	20SFTF05MXN

20SFTS

Plug without valve, Panel Mount with Hose Barb

Nickel-plated brass

Scan for more dimensions

A	References
3	20SFTS03MXN
4	20SFTS04MXN

21KAAW

Coupler with valve, Male Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
G1/8	21KAAW10MPN
	21KAAW10MPN0 ●
	21KAAW10MPN3 ▲
	21KAAW10MPN6 ●
	21KAAW10MPN8 ●
G1/4	21KAAW13MPN
	21KAAW13MPN0 ●
	21KAAW13MPN3 ▲
	21KAAW13MPN6 ●
	21KAAW13MPN8 ●
	21KAAW13MVN
	21KAAW13MVN0 ●
	21KAAW13MVN6 ●
G3/8	21KAAW17MPN

21KAIM

Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
M12 x 1.5	21KAIM12MPN

21KAIW

Coupler with valve, Female Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
G1/8	21KAIW10MPN
	21KAIW10MPN0 ●
	21KAIW10MPN3 ▲
	21KAIW10MPN6 ●
	21KAIW10MPN8 ●
	21KAIW10MVN
G1/4	21KAIW13MPN
	21KAIW13MPN0 ●
	21KAIW13MPN3 ▲
	21KAIW13MPN6 ●
	21KAIW13MPN8 ●
G3/8	21KAIW17MPN

21KAKK

Coupler with valve, with Plastic Hose Connection with Spring Guard

Nickel-plated brass, NBR, EPDM

Scan for more dimensions

A	References
4 x 6	21KAKK06MPN
	21KAKK06MEN
6 x 8	21KAKK08MPN

21KAKO

Coupler with valve, with Plastic Hose Connection

Nickel-plated brass, NBR

Scan for more dimensions

A	References
4 x 6	21KAKO06MPN
	21KAKO06MPN0 ●
	21KAKO06MPN3 ▲
	21KAKO06MPN6 ●
	21KAKO06MPN8 ●
6 x 8	21KAKO08MPN
	21KAKO08MPN0 ●
	21KAKO08MPN3 ▲
	21KAKO08MPN6 ●
	21KAKO08MPN8 ●
4 x 6.3	21KAKO46MPN

21KAKS

Coupler with valve, Panel Mount with Plastic Hose Connection

Nickel-plated brass, NBR

Scan for more dimensions

A	References
4 x 6	21KAKS06MPN
6 x 8	21KAKS08MPN

21KATF

Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
4	21KATF04MPN
	21KATF04MPN0 ●
	21KATF04MPN3 ▲
	21KATF04MPN6 ●
	21KATF04MPN8 ●
6	21KATF06MPN
	21KATF06MPN0 ●
	21KATF06MPN3 ▲
	21KATF06MPN6 ●
	21KATF06MPN8 ●
	21KATF06MVN
8	21KATF08MPN
	21KATF08MPN0 ●
	21KATF08MPN3 ▲
	21KATF08MPN6 ●
	21KATF08MPN8 ●
9	21KATF09MPN
	21KATF09MPN3 ▲
10	21KATF10MPN

21KARP

Coupler with valve, Push-In

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	21KARP06MPN
8	21KARP08MPN

21KATE

Coupler with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
9	21KATE09MPN

21KATS

Coupler with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR

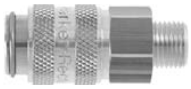
Scan for more dimensions

A	References
4	21KATS04MPN
	21KATS04MPN0 ●
	21KATS04MPN6 ●
	21KATS04MPN8 ●
5	21KATS05MPN
6	21KATS06MPN
	21KATS06MPN0 ●
	21KATS06MPN3 ▲
	21KATS06MPN6 ●
	21KATS06MPN8 ●
8	21KATS08MPN
10	21KATS10MPN

21KBAW

Coupler with valve, Male Thread

Nickel-plated brass, NBR, EPDM, FKM



Scan for more dimensions

A	References
G1/8	21KBAW10MPN
	21KBAW10MPN0 ●
	21KBAW10MPN3 ▲
	21KBAW10MPN6 ●
	21KBAW10MPN8 ●
	21KBAW10MEN
	21KBAW10MVN
	21KBAW10MVN6 ●
G1/4	21KBAW13MPN
	21KBAW13MPN0 ●
	21KBAW13MPN3 ▲
	21KBAW13MPN8 ●
	21KBAW13MEN
	21KBAW13MVN
G3/8	21KBAW17MPN
	21KBAW17MEN
	21KBAW17MVN

21KBIM

Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
M14 x 1.5	21KBIM14MPN

21KBIW

Coupler with valve, Female Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21KBIW10MPN
	21KBIW10MPN3 ▲
	21KBIW10MVN
G1/4	21KBIW13MPN
	21KBIW13MEN
	21KBIW13MVN
G3/8	21KBIW17MPN
	21KBIW17MVN

21KBKK

Coupler with valve, with Plastic Hose Connection with Spring Guard

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
4 x 6	21KBKK06MPN
	21KBKK06MVN
6 x 8	21KBKK08MPN

21KBKO

Coupler with valve, with Plastic Hose Connection

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
4 x 6	21KBKO06MPN
	21KBKO06MEN
6 x 8	21KBKO08MPN
	21KBKO08MVN

21KBKS

Coupler with valve, Panel Mount with Plastic Hose Connection

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
4 x 6	21KBKS06MPN
	21KBKS06MEN
	21KBKS06MVN
	21KBKS06MVN8 ●
6 x 8	21KBKS08MPN
	21KBKS08MEN
	21KBKS08MVN

21KBRP

Coupler with valve, Push-In

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	21KBRP06MPN
8	21KBRP08MPN

21KBTE

Coupler with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	21KBTE06MPN
9	21KBTE09MPN
10	21KBTE10MPN

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21KBTF

Coupler with valve, Hose Barb

Nickel-plated brass, NBR, EPDM, FKM

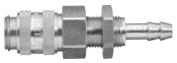
Scan for more dimensions

A	References
4	21KBTF04MPN
5	21KBTF05MPN
	21KBTF05MVN
6	21KBTF06MPN
	21KBTF06MPN6 ●
	21KBTF06MEN
	21KBTF06MVN
8	21KBTF08MPN
	21KBTF08MVN
9	21KBTF09MPN
	21KBTF09MVN
	21KBTF09MVN6 ●
10	21KBTF10MPN
	21KBTF10MEN
	21KBTF10MVN

21KBTS

Coupler with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR, FKM



Scan for more dimensions

A	References
4	21KBTS04MPN
	21KBTS04MPN0 ●
	21KBTS04MPN6 ●
5	21KBTS05MPN
6	21KBTS06MPN
	21KBTS06MVN
8	21KBTS08MPN
	21KBTS08MVN
10	21KBTS10MPN

21KFAW

Coupler without valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/8	21KFAW10MPN
G1/4	21KFAW13MPN

21KFIM

Coupler without valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
M12x1.5	21KFIM12MPN

21KFIW

Coupler without valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/8	21KFIW10MPN
G1/4	21KFIW13MPN

21KFKK

Coupler without valve, with Plastic Hose Connection with Spring Guard

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
4 x 6	21KFKK06MPN
6 x 8	21KFKK08MVN

21KFKO

Coupler without valve, with plastic hose connection

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
4 x 6	21KFKO06MPN
	21KFKO06MVN
6 x 8	21KFKO08MPN

21KFKS

Coupler without valve, panel mount, with plastic hose connection

Nickel-plated brass, NBR

Scan for more dimensions

A	References
4 x 6	21KFKS06MPN
6 x8	21KFKS08MPN

21KFTF

Coupler without valve, Hose Barb

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
6	21KFTF06MPN
	21KFTF06MVN
8	21KFTF08MEN
	21KFTF08MPN
9	21KFTF09MPN

21SBAW

Plug with valve, Male Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21SBAW10MPN
	21SBAW10MPN0 ●
	21SBAW10MPN3 ▲
	21SBAW10MPN6 ●
	21SBAW10MPN8 ●
	21SBAW10MEN
	21SBAW10MVN
G1/4	21SBAW13MPN
	21SBAW13MPN3 ▲
	21SBAW13MPN6 ●
	21SBAW13MEN
	21SBAW13MVN
G3/8	21SBAW17MPN
	21SBAW17MVN

21SBIM

Plug with valve, Female Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
M12 x 1.5	21SBIM12MPN
M14 x 1.5	21SBIM14MPN
M14 x 1.5	21SBIM14MVN

21SBIW

Plug with valve, Female Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21SBIW10MPN
	21SBIW10MPN6 ●
	21SBIW10MEN
	21SBIW10MVN
	21SBIW10MVN6 ●
	21SBIW10MVN8 ●
G1/4	21SBIW13MPN
	21SBIW13MPN0 ●
	21SBIW13MVN
G3/8	21SBIW17MPN
	21SBIW17MVN

21SBKK

Plug with valve, with Plastic Hose Connection with Spring Guard

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
4 x 6	21SBKK06MPN
	21SBKK06MVN
6 x 8	21SBKK08MPN

21SBKO

Plug with valve, with Plastic Hose Connection

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
4 x 6	21SBKO06MPN
	21SBKO06MEN
	21SBKO06MVN
	21SBKO06MVN8 ●
6 x 8	21SBKO08MPN
	21SBKO08MPN0 ●
	21SBKO08MPN6 ●
	21SBKO08MPN8 ●
	21SBKO08MVN
	21SBKO08MVN8 ●

21SBKS

Plug with valve, Panel Mount with Plastic Hose Connection

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
4 x 6	21SBKS06MPN
	21SBKS06MVN
	21SBKS06MVN6 ●
6 x 8	21SBKS08MPN

21SBRP

Plug with valve, Push-In

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6 x 8	21SBRP08MPN

21SBTF

Plug with valve, Hose Barb

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
4	21SBTF04MPN
5	21SBTF05MPN
6	21SBTF06MPN
	21SBTF06MVN
8	21SBTF08MPN
	21SBTF08MVN
9	21SBTF09MPN
	21SBTF09MEN
	21SBTF09MVN
	21SBTF09MVN6 ●
10	21SBTF10MPN
	21SBTF10MEN
	21SBTF10MVN

21SBTS

Plug with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
5	21SBTS05MPN
6	21SBTS06MPN
	21SBTS06MVN
8	21SBTS08MPN
	21SBTS08MVN

21SFAF
Coupler without valve, Male Thread

Nickel-plated brass

Scan for more dimensions

A	References
7/16 UNF	21SFAF11MXN

21SFAW
Plug without valve, Male Thread

Nickel-plated brass

Scan for more dimensions

A	References
G1/8	21SFAW10MXN
	21SFAW10MXN0 ●
	21SFAW10MXN3 ▲
	21SFAW10MXN6 ●
	21SFAW10MXN8 ●
G1/4	21SFAW13MXN
	21SFAW13MXN0 ●
	21SFAW13MXN3 ▲
	21SFAW13MXN6 ●
	21SFAW13MXN8 ●
G3/8	21SFAW17MXN

21SFIM
Plug without valve, Female Thread

Nickel-plated brass

Scan for more dimensions

A	References
M12 x 1.5	21SFIM12MXN
M14 x 1.5	21SFIM14MXN

21SFIW
Plug without valve, Female Thread

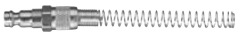
Nickel-plated brass

Scan for more dimensions

A	References
G1/8	21SFIW10MXN
	21SFIW10MXN0 ●
	21SFIW10MXN3 ▲
	21SFIW10MXN6 ●
	21SFIW10MXN8 ●
G1/4	21SFIW13MXN
	21SFIW13MXN0 ●
	21SFIW13MXN3 ▲
	21SFIW13MXN6 ●
	21SFIW13MXN8 ●
G3/8	21SFIW17MXN

21SFKK
Plug without valve, Plastic Hose Connection with Spring Guard

Nickel-plated brass



Scan for more dimensions

A	References
4 x 6	21SFKK06MXN
6 x 8	21SFKK08MXN

21SFKO
Plug without valve, with Plastic Hose Connection

Nickel-plated brass

Scan for more dimensions

A	References
4 x 6	21SFKO06MXN
	21SFKO06MXN0 ●
	21SFKO06MXN3 ▲
	21SFKO06MXN6 ●
	21SFKO06MXN8 ●
6 x 8	21SFKO08MXN
	21SFKO08MXN0 ●
	21SFKO08MXN3 ▲
	21SFKO08MXN6 ●
	21SFKO08MXN8 ●
8 x 10	21SFKO10MXN

21SFKS
Plug without valve, Panel Mount with Plastic Hose Connection

Nickel-plated brass

Scan for more dimensions

A	References
4 x 6	21SFKS06MXN
6 x 8	21SFKS08MXN

21SFRP
Plug without valve, Push-In

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	21SFRP06MPN
8	21SFRP08MPN

21SFTF

Plug without valve, Hose Barb

Nickel-plated brass

Scan for more dimensions

A	References
4	21SFTF04MXN
	21SFTF04MXN0 ●
	21SFTF04MXN3 ▲
	21SFTF04MXN6 ●
	21SFTF04MXN8 ●
5	21SFTF05MXN
6	21SFTF06MXN
	21SFTF06MXN0 ●
	21SFTF06MXN3 ▲
	21SFTF06MXN6 ●
	21SFTF06MXN8 ●
8	21SFTF08MXN
9	21SFTF09MXN
10	21SFTF10MXN

21SFTS

Plug without valve, Panel Mount with Hose Barb

Nickel-plated brass

Scan for more dimensions

A	References
4	21SFTS04MXN
6	21SFTS06MXN
	21SFTS06MXN0 ●
8	21SFTS08MXN

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23KAAK
Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
R1/4	23KAAK13MPN
R3/8	23KAAK17MPN
R1/2	23KAAK21MPN

23KAAW
Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/4	23KAAW13MPN
G3/8	23KAAW17MPN
G1/2	23KAAW21MPN

23KAIW
Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/4	23KAIW13MPN
G3/8	23KAIW17MPN
G1/2	23KAIW21MPN

23KATF
Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	23KATF06MPN
8	23KATF08MPN
9	23KATF09MPN
10	23KATF10MPN

23SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/8	23SFAK10SXN
R1/4	23SFAK13SXN
R3/8	23SFAK17SXN
R1/2	23SFAK21SXN

23SFAW
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFAW10SXN
G1/4	23SFAW13SXN
G3/8	23SFAW17SXN
G1/2	23SFAW21SXN

23SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFIW10SXN
G1/4	23SFIW13SXN
G3/8	23SFIW17SXN
G1/2	23SFIW21SXN

23SFKO
Plug without valve, with Plastic Hose Connection

Nickel-plated steel

Scan for more dimensions

A	References
8 x 10	23SFKO10SXN

23SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
6	23SFTF06SXN
8	23SFTF08SXN
9	23SFTF09SXN
10	23SFTF10SXN
13	23SFTF13SXN

18KAAK

Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
R1/4	18KAAK13MPN
R3/8	18KAAK17MPN
R1/2	18KAAK21MPN

18KAAW

Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/4	18KAAW13MPN
G3/8	18KAAW17MPN

18KAIW

Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/4	18KAIW13MPN
G3/8	18KAIW17MPN

18KATF

Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	18KATF06MPN
8	18KATF08MPN
10	18KATF10MPN

18SFAK

Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/4	18SFAK13SXN

18SFAW

Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	18SFAW13SXN
G3/8	18SFAW17SXN

18SFIW

Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	18SFIW13SXN
G3/8	18SFIW17SXN

18SFTF

Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
6	18SFTF06SXN
8	18SFTF08SXN
10	18SFTF10SXN

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22KAAK
Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
R1/4	22KAAK13MPN
R3/8	22KAAK17MPN
R1/2	22KAAK21MPN

22KAIW
Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/4	22KAIW13MPN
G3/8	22KAIW17MPN
G1/2	22KAIW21MPN

22KATF
Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	22KATF06MPN
8	22KATF08MPN
10	22KATF10MPN

22SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/8	22SFAK10SXN
R1/4	22SFAK13SXN
R3/8	22SFAK17SXN
R1/2	22SFAK21SXN

22SFAW
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	22SFAW13SXN
G1/2	22SFAW21SXN

22SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	22SFIW13SXN
G3/8	22SFIW17SXN
G1/2	22SFIW21SXN

22SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
6	22SFTF06SXN
8	22SFTF08SXN
9	22SFTF09SXN
10	22SFTF10SXN
13	22SFTF13SXN

25KAAK

Coupler with valve, Male Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
R1/4	25KAAK13MPN
	25KAAK13MVN
R3/8	25KAAK17MPN
R1/2	25KAAK21MPN
	25KAAK21MVN

25KAAW

Coupler with valve, Male Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
	25KAAW13MPN
G1/4	25KAAW13BPN0 ●
	25KAAW13BPN3 ▲
	25KAAW13BPN6 ●
	25KAAW13BPN8 ●
	25KAAW13MEN
G3/8	25KAAW17BPN0 ●
	25KAAW17BPN3 ▲
	25KAAW17BPN6 ●
	25KAAW17BPN8 ●
	25KAAW17MPN
G1/2	25KAAW21BPN0 ●
	25KAAW21BPN3 ▲
	25KAAW21BPN6 ●
	25KAAW21BPN8 ●
	25KAAW21MPN

25KAIW

Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/4	25KAIW13BPN0 ●
	25KAIW13BPN3 ▲
	25KAIW13BPN6 ●
	25KAIW13BPN8 ●
	25KAIW13MPN
G3/8	25KAIW17BPN0 ●
	25KAIW17BPN3 ▲
	25KAIW17BPN6 ●
	25KAIW17BPN8 ●
	25KAIW17MPN
G1/2	25KAIW21BPN0 ●
	25KAIW21BPN3 ▲
	25KAIW21BPN6 ●
	25KAIW21BPN8 ●
	25KAIW21MPN

25KAKO

Coupler with valve, with Plastic Hose Connection

Nickel-plated brass, NBR

Scan for more dimensions

A	References
8 x 10	25KAKO10MPN
9 x 12	25KAKO12MPN

25KATE

Coupler with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
19	25KATE19MPN

25KATF

Coupler with valve, Hose Barb

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
6	25KATF06MPN
	25KATF06BPN0 ●
	25KATF06BPN3 ▲
	25KATF06BPN6 ●
	25KATF06BPN8 ●
8	25KATF08MPN
	25KATF08MVN
9	25KATF09MPN
	25KATF09BPN0 ●
	25KATF09BPN3 ▲
	25KATF09BPN6 ●
	25KATF09BPN8 ●
	25KATF09MEN
10	25KATF10MPN
	25KATF10MVN
13	25KATF13MPN
	25KATF13BPN0 ●
	25KATF13BPN3 ▲
	25KATF13BPN6 ●
	25KATF13BPN8 ●
	25KATF13MVN

25KATS

Coupler with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
8	25KATS08MPN
10	25KATS10MPN

25KBAK

Coupler with valve, Male Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
R1/4	25KBAK13MPN
	25KBAK13MVN
R3/8	25KBAK17MPN
R1/2	25KBAK21MPN
	25KBAK21MVN

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25KBAW

Coupler with valve, Male Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
G1/4	25KBAW13MPN
	25KBAW13BVN8 ●
	25KBAW13MVN
G3/8	25KBAW17MPN
	25KBAW17BPN0 ●
	25KBAW17BPN3 ▲
	25KBAW17BPN6 ●
	25KBAW17BPN8 ●
	25KBAW17MEN
	25KBAW17MVN
G1/2	25KBAW21MPN

25KBIM

Coupler with valve, Male Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
M14x1.5	25KBIM14MPN
M16x1.5	25KBIM16MPN
M18x1.5	25KBIM18MPN
	25KBIM18MVN

25KBIW

Coupler with valve, Female Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/4	25KBIW13MPN
	25KBIW13MEN
	25KBIW13MVN
	25KBIW13BPN0 ●
	25KBIW13BPN3 ▲
	25KBIW13BPN6 ●
	25KBIW13BPN8 ●
	25KBIW13BEN6
	25KBIW13BVN6 ●
G3/8	25KBIW17MPN
	25KBIW17MVN
	25KBIW17BPN0 ●
G1/2	25KBIW21MPN
	25KBIW21MEN
	25KBIW21MVN
	25KBIW21BPN3 ▲

25KBKO

Coupler with valve, with Plastic Hose Connection

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6 x 8	25KBKO08MPN
8 x 10	25KBKO10MPN
9 x 12	25KBKO12MPN

25KBTF

Coupler with valve, Hose Barb

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
6	25KBTF06MPN
8	25KBTF08MPN
9	25KBTF09MPN
	25KBTF09MEN
	25KBTF09MVN
10	25KBTF10MPN
	25KBTF10MEN
	25KBTF10MVN
13	25KBTF13MPN
	25KBTF13MEN
	25KBTF13BEN8 ●
	25KBTF13MVN

25KBTS

Coupler with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
8	25KBTS08MPN
	25KBTS08MVN
10	25KBTS10MPN

25KFAK

Coupler without valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
R3/8	25KFAK17MPN

25KFAW

Coupler without valve, Male Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
G1/8	25KFAW10MPN
G1/4	25KFAW13MPN
	25KFAW13MVN
G3/8	25KFAW17MPN
	25KFAW17MVN
G1/2	25KFAW21MPN
	25KFAW21MVN

25KFIW

Coupler without valve, Female Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
G1/4	25KFIW13MPN
	25KFIW13MVN
G3/8	25KFIW17MPN
	25KFIW17MVN
G1/2	25KFIW21MPN

25KFTF

Coupler without valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	25KFTF06MPN
9	25KFTF09MPN
10	25KFTF10MPN
13	25KFTF13MPN

25SBAK

Plug with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
R3/8	25SBAK17MPN
R1/2	25SBAK21MPN

25SBAW

Plug with valve, Male Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/8	25SBAW10MPN
	25SBAW10MXN
G1/4	25SBAW13MPN
	25SBAW13MEN
	25SBAW13MEN8 ●
	25SBAW13MVN
G3/8	25SBAW17MPN
	25SBAW17MPN0 ●
	25SBAW17MPN3 ▲
	25SBAW17MPN6 ●
	25SBAW17MPN8 ●
	25SBAW17MVN
G1/2	25SBAW21MPN
	25SBAW21MPN8 ●
	25SBAW21MEN
	25SBAW21MEN6 ●
	25SBAW21MEN8 ●
	25SBAW21MVN

25SBIM

Plug with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
M14x1	25SBIM14MPN
M18x1.5	25SBIM18MPN

25SBIW

Plug with valve, Female Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
G1/4	25SBIW13MPN
	25SBIW13MPN0 ●
	25SBIW13MPN3 ▲
	25SBIW13MPN6 ●
	25SBIW13MPN8 ●
	25SBIW13MVN
	25SBIW13MVN6 ●
G3/8	25SBIW17MPN
G1/2	25SBIW21MPN
	25SBIW21MPN6 ●

25SBKO

Plug with valve, with Plastic Hose Connection

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6 x 8	25SBKO08MPN
8 x 10	25SBKO10MPN
9 x 12	25SBKO12MPN

25SBTF

Plug with valve, Hose Barb

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
6	25SBTF06MPN
	25SBTF06MPN3 ▲
	25SBTF06MPN6 ●
	25SBTF06MVN
8	25SBTF08MPN
9	25SBTF09MPN
	25SBTF09MPN0 ●
	25SBTF09MPN3 ▲
	25SBTF09MEN
10	25SBTF10MPN
	25SBTF10MEN
	25SBTF10MVN
13	25SBTF13MPN

25SBTS

Plug with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
8	25SBTS08MPN
	25SBTS08MVN
10	25SBTS10MPN
	25SBTS10MVN

25SFAK

Plug without valve, Male Thread

Zinc plated steel

Scan for more dimensions

A	References
R1/8	25SFAK10SXZ
R1/4	25SFAK13SXZ
R3/8	25SFAK17SXZ
R1/2	25SFAK21SXZ

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25SFAW

Plug without valve, Male Thread

Zinc plated steel/Nickel-plated brass

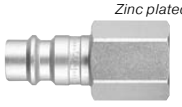
Scan for more dimensions

A	References
G1/8	25SFAW10SXZ
	25SFAW10MXN
G1/4	25SFAW13SXZ
	25SFAW13MXN
	25SFAW13MXN0 ●
	25SFAW13MXN3 ▲
	25SFAW13MXN6 ●
	25SFAW13MXN8 ●
G3/8	25SFAW17SXZ
	25SFAW17MXN
	25SFAW17MXN0 ●
	25SFAW17MXN3 ▲
	25SFAW17MXN6 ●
	25SFAW17MXN8 ●
G1/2	25SFAW21SXZ
	25SFAW21MXN
	25SFAW21MXN6 ●

25SFIM

Plug without valve, Female Thread

Zinc plated steel/Nickel-plated brass



Scan for more dimensions

A	References
M14x1.5	25SFIM14MXN
M16x1.5	25SFIM16SXZ
	25SFIM16MXN

25SFIW

Plug without valve, Female Thread

Zinc plated steel/Nickel-plated brass

Scan for more dimensions

A	References
G1/8	25SFIW10SXZ
	25SFIW10MXN
G1/4	25SFIW13SXZ
	25SFIW13MXN
	25SFIW13MXN0 ●
	25SFIW13MXN3 ▲
	25SFIW13MXN6 ●
	25SFIW13MXN8 ●
G3/8	25SFIW17SXZ
	25SFIW17MXN
	25SFIW17MXN0 ●
	25SFIW17MXN3 ▲
	25SFIW17MXN6 ●
	25SFIW17MXN8 ●
G1/2	25SFIW21SXZ
	25SFIW21MXN

25SFKK

Plug without valve, Plastic Hose Connection with Spring Guard

Nickel-plated brass

Scan for more dimensions

A	References
4 x 6	25SFKK06MXN
6 x 8	25SFKK08MXN
8 x 10	25SFKK10MXN
9 x 12	25SFKK12MXN

25SFKO

Plug without valve, with Plastic Hose Connection

Nickel-plated brass

Scan for more dimensions

A	References
4 x 6	25SFKO06MXN
6 x 8	25SFKO08MXN
8 x10	25SFKO10MXN
9 x 12	25SFKO12MXN

25SFTF

Plug without valve, Hose Barb

Zinc plated steel/Nickel-plated brass

Scan for more dimensions

A	References
4	25SFTF04MXN
6	25SFTF06SXZ
	25SFTF06MXN
	25SFTF06MXN0 ●
	25SFTF06MXN3 ▲
	25SFTF06MXN6 ●
	25SFTF06MXN8 ●
8	25SFTF08SXZ
	25SFTF08MXN
9	25SFTF09SXZ
	25SFTF09MXN
	25SFTF09MXN0 ●
	25SFTF09MXN3 ▲
	25SFTF09MXN6 ●
	25SFTF09MXN8 ●
10	25SFTF10SXZ
	25SFTF10MXN
13	25SFTF13SXZ
	25SFTF13MXN

25SFTS

Plug without valve, Panel Mount with Hose Barb

Nickel-plated brass

Scan for more dimensions

A	References
8	25SFTS08MXN
10	25SFTS10MXN

RECTUS COUPLERS

Nominal Diameter: 8.5/Profile: ISO B

30KAAW

Coupler with valve, Male Thread

Nickel-plated steel, NBR

Scan for more dimensions

A	References
G1/4	30KAAW13SPN
G3/8	30KAAW17SPN
G1/2	30KAAW21SPN

30KAIW

Coupler with valve, Female Thread

Nickel-plated steel, NBR

Scan for more dimensions

A	References
G1/4	30KAIW13SPN
G3/8	30KAIW17SPN
G1/2	30KAIW21SPN

30KATF

Coupler with valve, Hose Barb

Nickel-plated steel, NBR

Scan for more dimensions

A	References
8	30KATF08SPN
10	30KATF10SPN
13	30KATF13SPN

30SFAW

Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	30SFAW13SXN
G3/8	30SFAW17SXN
G1/2	30SFAW21SXN

30SFIW

Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	30SFIW13SXN
G3/8	30SFIW17SXN
G1/2	30SFIW21SXN

30SFTF

Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
8	30SFTF08SXN
10	30SFTF10SXN
13	30SFTF13SXN

40KAIW

Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G3/8	40KAIW17MPN
G1/2	40KAIW21MPN

40SFAK

Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R3/8	40SFAK17SXN
R1/2	40SFAK21SXN

40SFIW

Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G3/8	40SFIW17SXN
G1/2	40SFIW21SXN

40SFTF

Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
10	40SFTF10SXN
13	40SFTF13SXN

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27KAAK

Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
R1/4	27KAAK13MPN
R3/8	27KAAK17MPN
R1/2	27KAAK21MPN
R3/4	27KAAK26MPN

27KAAW

Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G3/8	27KAAW17MPN
G1/2	27KAAW21MPN

27KAIW

Coupler with valve, Female Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
G1/4	27KAIW13MPN
G3/8	27KAIW17MPN
G1/2	27KAIW21MPN
	27KAIW21MVN
G3/4	27KAIW26MPN

27KATF

Coupler with valve, Hose Barb

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
9	27KATF09MPN
10	27KATF10MPN
13	27KATF13MPN
	27KATF13MVN
16	27KATF16MPN
19	27KATF19MPN

27KBAK

Coupler with valve, Male Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
R1/4	27KBAK13MPN
R3/8	27KBAK17MPN
	27KBAK17BPN
	27KBAK17MEN
	27KBAK17MVN
R1/2	27KBAK21MPN
	27KBAK21MVN
R3/4	27KBAK26MPN
	27KBAK26BPN

27KBAW

Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G3/8	27KBAW17MPN
G1/2	27KBAW21MPN
G3/4	27KBAW26MPN

27KBIW

Coupler with valve, Female Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/4	27KBIW13MPN
	27KBIW13MEN
	27KBIW13MVN
G3/8	27KBIW17MPN
	27KBIW17MEN
	27KBIW17MVN
G1/2	27KBIW21MPN
	27KBIW21MEN
	27KBIW21MVN
G3/4	27KBIW26MPN
	27KBIW26MEN
	27KBIW26MVN

27KBTF

Coupler with valve, Hose Barb

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
8	27KBTF08MPN
9	27KBTF09MPN
10	27KBTF10MPN
13	27KBTF13MPN
	27KBTF13MEN
	27KBTF13MVN
16	27KBTF16MPN
	27KBTF16MVN
19	27KBTF19MPN

27KFAK

Coupler without valve, Male Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
R1/4	27KFAK13MPN
R3/8	27KFAK13MVN
R1/2	27KFAK21MVN
R3/4	27KFAK26MEN

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27KFAW
Coupler without valve, Male Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
G3/8	27KFAW17MPN
G1/2	27KFAW21MVN

27KFIW
Coupler without valve, Female Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
G3/8	27KFIW17MPN
	27KFIW17MVN
G1/2	27KFIW21MPN
G3/4	27KFIW26MPN

27KFTF
Coupler without valve, Hose Barb

Nickel-plated brass, NBR, EPDM

Scan for more dimensions

A	References
10	27KFTF10MEN
13	27KFTF13MPN

27SBAK
Plug with valve, Male Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
R1/4	27SBAK13MPN
R3/8	27SBAK17MPN
R1/2	27SBAK21MPN
	27SBAK21MEN
	27SBAK21MVN
R3/4	27SBAK26MPN

27SBAW
Plug with valve, Male Thread

Nickel-plated brass, NBR, EPDM

Scan for more dimensions

A	References
G3/8	27SBAW17MPN
G1/2	27SBAW21MEN
	27SBAW21MPN

27SBIW
Plug with valve, Female Thread

Nickel-plated brass, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/4	27SBIW13MPN
G3/8	27SBIW17MPN
	27SBIW17MEN
	27SBIW17MVN
G1/2	27SBIW21MPN
	27SBIW21MEN
	27SBIW21MVN
G3/4	27SBIW26MPN
	27SBIW26MVN

27SBTF
Plug with valve, Hose Barb

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
8	27SBTF08MPN
9	27SBTF09MPN
10	27SBTF10MPN
	27SBTF10MVN
13	27SBTF13MPN
	27SBTF13MVN
16	27SBTF16MPN
19	27SBTF19MPN
	27SBTF19MVN

27SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/4	27SFAK13SXN
R3/8	27SFAK17SXN
R1/2	27SFAK21SXN
R3/4	27SFAK26SXN

27SFAW
Plug without valve, Male Thread

Nickel-plated brass / Nickel-plated steel

Scan for more dimensions

A	References
G1/4	27SFAW13MXN
G3/8	27SFAW17SXN
G1/2	27SFAW21SXN
G3/4	27SFAW26SXN

27SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	27SFIW13SXN
G3/8	27SFIW17SXN
G1/2	27SFIW21SXN
G3/4	27SFIW26SXN

27SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
10	27SFTF10SXN
13	27SFTF13SXN
16	27SFTF16SXN
19	27SFTF19SXN

37KAAW
Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/2	37KAAW21MPN
G3/4	37KAAW26MPN

37KAIW
Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/2	37KAIW21MPN
G3/4	37KAIW26MPN

37KATF
Coupler without valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
10	37KATF10MPN
16	37KATF16MPN
19	37KATF19MPN

37SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/2	37SFAK21SXN
R3/4	37SFAK26SXN

37SFAW
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G3/8	37SFAW17SXN
G1/2	37SFAW21SXN

37SFIT
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
3/8 NPT	37SFIT17SXN

37SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/2	37SFIW21SXN
G3/4	37SFIW26SXN

37SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
10	37SFTF10SXN
13	37SFTF13SXN
16	37SFTF16SXN
19	37SFTF19SXN

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75KBIW

Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

Size	A	References
3/4''	G3/4	75KBIW26MPN

75SBIW

Plug with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

Size	A	References
3/4''	G3/4	75SBIW26MPN

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38KBAW
Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/2	38KBAW21MPN
G3/4	38KBAW26MPN
G1	38KBAW33MPN

38KBIW
Coupler with valve, Female Thread

Nickel-plated brass, NBR, EPDM

Scan for more dimensions

A	References
G1/2	38KBIW21MPN
G3/4	38KBIW26MPN
	38KBIW26MEN
G1	38KBIW33MPN

38KBTF
Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
13	38KBTF13MPN
16	38KBTF16MPN
19	38KBTF19MPN
25	38KBTF25MPN

38SBAW
Plug with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/2	38SBAW21MPN
G3/4	38SBAW26MPN
G1	38SBAW33MPN

38SBIW
Plug with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/2	38SBIW21MPN
G3/4	38SBIW26MPN
G1	38SBIW33MPN

38SBTF
Plug with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
13	38SBTF13MPN
19	38SBTF19MPN
25	38SBTF25MPN

38SFAW
Plug without valve, Male Thread

Nickel-plated brass

Scan for more dimensions

A	References
G1/2	38SFAW21MXN
G3/4	38SFAW26MXN
G1	38SFAW33MXN

38SFIW
Plug without valve, Female Thread

Nickel-plated brass

Scan for more dimensions

A	References
G1/2	38SFIW21MXN
G3/4	38SFIW26MXN
G1	38SFIW33MXN

38SFTF
Plug without valve, Hose Barb

Nickel-plated brass

Scan for more dimensions

A	References
13	38SFTF13MXN
19	38SFTF19MXN
25	38SFTF25MXN

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39KBAW
Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G3/4	39KBAW26MPN
G1	39KBAW33MPN

39KBIW
Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G3/4	39KBIW26MPN
G1	39KBIW33MPN

39KBTF
Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
19	39KBTF19MPN
25	39KBTF25MPN

39SBAW
Plug with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G3/4	39SBAW26MPN

39SBIW
Plug with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1	39SBIW33MPN

39SFIW
Plug without valve, Female Thread

Nickel-plated brass

Scan for more dimensions

A	References
G1	39SFIW33MXN

STAINLESS STEEL COUPLERS

Made of stainless steel, this range of **Rectus couplers** is the most suitable metal solution for corrosive environments. It is also ideal for applications with treated water, regardless of the external environment.

Technical specifications

Fluids: compressed air, neutral gases, industrial water and treated water with or without glycol

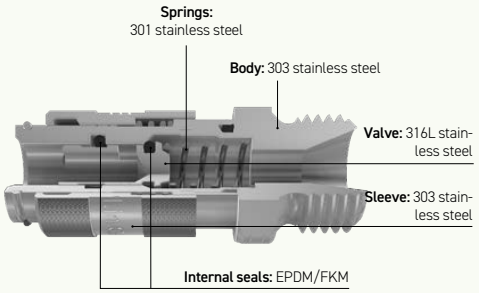
Operating pressure: up to 35 bar (100 to 250 bar for the 70 series)

Operating temperature: -15°C to +200°C

Functions: KA, KB, KF

Regulations: RoHS, REACh

Components materials



Nominal diameter (mm)	Profile	Flow rate (NL/min)*		Series coupler	Plugs series
		Air	Water		
2.7	EURO	130 (KB) to 165 (KA)	1.2 (KB) to 1.5 (KA)	20	20
3	ISO C	160 (KB)	2.2 (KB)	303	303
5	EURO	310 (KB) to 550 (KA)	2.7 (KB) to 7 (KA)	21	21
5	Rectus	310 (KB) to 550 (KA)	2.7 (KB) to 7 (KA)	21 coded	21 coded
7.4	EURO	710 (KB) to 1800 (KA)	7.1 (KB) to 28 (KA)	25	25
10	EURO	950 (KB) to 2400 (KA)	14 (KB) to 31 (KA)	27	27
4.3-20	ISO 7241-1 B	-	6 (KB) 9 (KB) 17 (KB) 33 (KB) 79 (KB) 117 (KB)	71 72 73 74 75 76	71 72 73 74 75 76

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

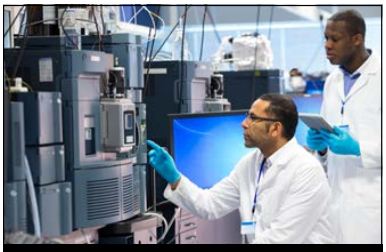
Performance depends on the fluids, materials and tube used.

Identification of coded versions

Benefits

- **Fully stainless steel design in 303 or 316L** with FKM seal to withstand corrosive external environments while maintaining fluid integrity.
- **Available with EPDM** seals for conveying treated water (deionised, demineralised, pure).
- **Ideal for applications requiring a high level of cleanliness** and using aggressive or corrosive cleaning products (medical & analysis, food processing machinery, etc.)
- **The 70 series stands out for its high flow rate,** high pressure resistance and low pressure drop.

Recommended applications



Ideal level of cleanliness in laboratories

Compatibility with process water

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20KAAF
Coupler with valve, Male Thread

Stainless steel 303, FKM

Scan for more dimensions

A	References
10-32 UNF	20KAAF05RVX

20KAAM
Coupler with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
M5	20KAAM05RVX
	20KAAM05EEX
	20KAAM05EVX

20KAAW
Coupler with valve, Male Thread

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
G1/8	20KAAW10RVX
G1/8	20KAAW10EVX

20KAIM
Coupler with valve, Female Thread

Stainless steel 316L, FKM

Scan for more dimensions

A	References
M5	20KAIM05EVX
M6	20KAIM06EVX

20KAIW
Coupler with valve, Female Thread

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
G1/8	20KAIW10RVX
G1/8	20KAIW10EVX

20KAKO
Coupler with valve, with Plastic Hose Connection

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
3 x 4	20KAKO04RVX
	20KAKO04EVX
3 x 5	20KAKO05EVX
4 x 6	20KAKO06REX
	20KAKO06RVX
	20KAKO06EVX

20KAKS
Coupler with valve, with Plastic Hose Connection

Stainless steel 303, FKM

Scan for more dimensions

A	References
3 x 4	20KAKS04RVX
3 x 5	20KAKS05RVX
4 x 6	20KAKS06RVX

20KATF
Coupler with valve, Hose Barb

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
4	20KATF04RVX
4	20KATF04EVX
5	20KATF05RVX

20KBAM
Coupler with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
M5	20KBAM05RVX
	20KBAM05EEX
	20KBAM05EVX

20KBAW
Coupler with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/8	20KBAW10RVX
	20KBAW10EEX
	20KBAW10EVX

20KBIM
Coupler with valve, Female Thread

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
M5	20KBIM05RVX
M5	20KBIM05EVX

20KBIW
Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/8	20KBIW10RVX
	20KBIW10EEX
	20KBIW10EVX

20KBKO

Coupler with valve, with Plastic Hose Connection

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
3 x 4	20KBKO04REX
	20KBKO04RVX
	20KBKO04EVX
4 x 6	20KBKO06RVX
	20KBKO06EVX

20KBKS

Coupler with valve, with Plastic Hose Connection

Stainless steel 303, EPDM, FKM

Scan for more dimensions

A	References
3 x 4	20KBKS04RVX
3 x 5	20KBKS05RVX
4 x 6	20KBKS06REX
	20KBKS06RVX

20KBTF

Coupler with valve, Hose Barb

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
4	20KBTF04RVX
	20KBTF04EEX
	20KBTF04EVX
5	20KBTF05RVX

20SBAM

Plug with valve, Male Thread

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
M5	20SBAM05RVX
M5	20SBAM05EVX

20SBAW

Plug with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/8	20SBAW10REX
	20SBAW10RVX
	20SBAW10EEX
	20SBAW10EVX

20SBIM

Plug with valve, Female Thread

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
M5	20SBIM05RVX
	20SBIM05EVX

20SBIW

Plug with valve, Female Thread

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
G1/8	20SBIW10RVX
G1/8	20SBIW10EVX

20SBKO

Plug with valve, with Plastic Hose Connection

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
3 x 4	20SBKO04REX
	20SBKO04RVX
	20SBKO04EVX
3 x 5	20SBKO05EVX
4 x 6	20SBKO06REX
	20SBKO06RVX
	20SBKO06EVX

20SBKS

Plug with valve, Panel Mount with Plastic Hose Connection

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
3 x 4	20SBKS04RVX
4 x 6	20SBKS06RVX
	20SBKS06EVX

20SBTF

Plug with valve, Hose Barb

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
4	20SBTF04RVX
4	20SBTF04EEX
4	20SBTF04EVX
5	20SBTF05RVX

20SFAM

Plug without valve, Male Thread

Stainless steel 303/316L

Scan for more dimensions

A	References
M5	20SFAM05RXX
M5	20SFAM05EXX

20SFAW

Plug without valve, Male Thread

Stainless steel 303/316L

Scan for more dimensions

A	References
G1/8	20SFAW10RXX
G1/8	20SFAW10EXX

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20SFIM

Plug without valve, Female Thread

Stainless steel 303/316L

Scan for more dimensions

A	References
M5	20SFIM05RXX
M5	20SFIM05EXX

20SFIW

Plug without valve, Female Thread

Stainless steel 303/316L

Scan for more dimensions

A	References
G1/8	20SFIW10RXX
G1/8	20SFIW10EXX

20SFKO

Plug without valve, with Plastic Hose Connection

Stainless steel 303/316L

Scan for more dimensions

A	References
3 x 4	20SFKO04RXX
3 x 4	20SFKO04EXX
3 x 5	20SFKO05RXX
3 x 5	20SFKO05EXX
4 x 6	20SFKO06RXX
4 x 6	20SFKO06EXX

20SFKS

Plug without valve, Panel Mount with Plastic Hose Connection

Stainless steel 303

Scan for more dimensions

A	References
4 x 6	20SFKS06RXX

20SFTF

Plug without valve, Hose Barb

Stainless steel 303/316L

Scan for more dimensions

A	References
3	20SFTF03RXX
	20SFTF03EXX
4	20SFTF04RXX
	20SFTF04EXX
5	20SFTF05RXX

303KBAW
Coupler with valve, Male Thread

Stainless steel 316L, EPDM, FKM

Scan for more dimensions

A	References
G1/8	303KBAW10EVX
G1/4	303KBAW13EEX
	303KBAW13EVX

303KBIW
Coupler with valve, Female Thread

Stainless steel 316L, FKM

Scan for more dimensions

A	References
G1/8	303KBIW10EVX
G1/4	303KBIW13EVX

303KBKO
Coupler with valve, with Plastic Hose Connection

Stainless steel 316L, FKM

Scan for more dimensions

A	References
4 x 6	303KBKO06EVX
6 x 8	303KBKO08EVX

303KBTF
Coupler with valve, Hose Barb

Stainless steel 316L, FKM

Scan for more dimensions

A	References
6	303KBTF06EVX

303SBAW
Plug with valve, Male Thread

Stainless steel 316L, FKM

Scan for more dimensions

A	References
G1/8	303SBAW10EVX
G1/4	303SBAW13EVX

303SBIW
Plug with valve, Female Thread

Stainless steel 316L, FKM

Scan for more dimensions

A	References
G1/8	303SBIW10EVX
G1/4	303SBIW13EVX

303SBKO
Plug with valve, with Plastic Hose Connection

Stainless steel 316L, FKM

Scan for more dimensions

A	References
4 x 6	303SBKO06EVX
6 x 8	303SBKO08EVX

303SBTF
Plug with valve, Hose Barb

Stainless steel 316L, FKM

Scan for more dimensions

A	References
6	303SBTF06EVX

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21KAAM

Coupler with valve, Male Thread

Stainless steel 303, FKM

Scan for more dimensions

A	References
M12x1.5	21KAAM12RVX

21KAAW

Coupler with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21KAAW10RVX
	21KAAW10RVX3 ▲
	21KAAW10RVX8 ●
	21KAAW10EEX
	21KAAW10EVX
G1/4	21KAAW13RVX
	21KAAW13RVX0 ●
	21KAAW13RVX8 ●
	21KAAW13EVX
G3/8	21KAAW17RVX
	21KAAW17EVX

21KAIW

Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21KAIW10RVX
	21KAIW10RVX6 ●
	21KAIW10RVX8 ●
	21KAIW10EEX
	21KAIW10EVX
G1/4	21KAIW13RVX
	21KAIW13EVX
G3/8	21KAIW17RVX
	21KAIW17EVX

21KAKO

Coupler with valve, with Plastic Hose Connection

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
4 x 6	21KAKO06RVX
	21KAKO06EEX
	21KAKO06EVX
6 x 8	21KAKO08RVX
	21KAKO08RVX0 ●
	21KAKO08EVX

21KAKS

Coupler with valve, with Plastic Hose Connection

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
4 x 6	21KAKS06RVX
	21KAKS06EVX
6 x 8	21KAKS08RVX

21KATF

Coupler with valve, Hose Barb

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
4	21KATF04RVX
4	21KATF04EVX
6	21KATF06RVX
6	21KATF06EVX
8	21KATF08RVX
8	21KATF08EVX
9	21KATF09RVX
9	21KATF09EVX
10	21KATF10RVX
10	21KATF10EVX

21KATS

Coupler with valve, Panel Mount with Hose Barb

Stainless steel 303, FKM

Scan for more dimensions

A	References
6	21KATS06RVX

21KBAW

Coupler with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21KBAW10REX
	21KBAW10REX0
	21KBAW10REX3 ▲
	21KBAW10REX6 ●
	21KBAW10REX8 ●
	21KBAW10RVX
	21KBAW10EEX
	21KBAW10EVX
G1/4	21KBAW13REX
	21KBAW13RVX
	21KBAW13EEX
	21KBAW13EVX
G3/8	21KBAW17RVX
	21KBAW17EVX

21KBIW

Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21KBIW10REX
	21KBIW10RVX
	21KBIW10EEX
	21KBIW10EVX
G1/4	21KBIW13REX
	21KBIW13RVX
	21KBIW13EEX
	21KBIW13EVX
G3/8	21KBIW17RVX
G3/8	21KBIW17EVX

21KBKK

Coupler with valve, with Plastic Hose Connection with Spring Guard

Stainless steel 303, EPDM, FKM

Scan for more dimensions

A	References
6 x 8	21KBKK08REX
	21KBKK08RVX

21KBKO

Coupler with valve, with Plastic Hose Connection

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
4 x 6	21KBKO06REX
	21KBKO06RVX
	21KBKO06RVX6 ●
	21KBKO06RVX8 ●
	21KBKO06EEX
	21KBKO06EVX
6 x 8	21KBKO08RVX
	21KBKO08RVX0 ●
	21KBKO08RVX6 ●
	21KBKO08RVX8 ●
	21KBKO08EEX
	21KBKO08EVX

21KBKS

Coupler with valve, with Plastic Hose Connection

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
4 x 6	21KBKS06REX
	21KBKS06RVX
	21KBKS06EVX
6 x 8	21KBKS08REX
	21KBKS08RVX
	21KBKS08EEX

21KBTF

Coupler with valve, Hose Barb

Stainless steel 303/316L, EPDM, FKM

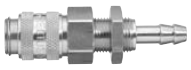
Scan for more dimensions

A	References
4	21KBTF04RVX
	21KBTF04EVX
6	21KBTF06REX
	21KBTF06RVX
	21KBTF06EVX
8	21KBTF08REX
	21KBTF08RVX
	21KBTF08EEX
	21KBTF08EVX
9	21KBTF09RVX
	21KBTF09EEX
	21KBTF09EVX
10	21KBTF10RVX
	21KBTF10EVX

21KBTS

Coupler with valve, Panel Mount with Hose Barb

Stainless steel 303, FKM



Scan for more dimensions

A	References
6	21KBTS06RVX
8	21KBTS08RVX

21KFAW

Coupler without valve, Male Thread

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
G1/8	21KFAW10RVX
G1/4	21KFAW13EVX
G3/8	21KFAW17RVX

21SBAW

Plug with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21SBAW10REX
	21SBAW10REX3 ▲
	21SBAW10REX6 ●
	21SBAW10REX8 ●
	21SBAW10RVX
	21SBAW10RVX6 ●
	21SBAW10RVX8 ●
	21SBAW10EEX
	21SBAW10EVX
G1/4	21SBAW13REX
	21SBAW13RVX
	21SBAW13EEX
	21SBAW13EVX
G3/8	21SBAW17RVX
	21SBAW17EVX

21KFTF

Coupler without valve, Hose Barb

Stainless steel 316L, FKM

Scan for more dimensions

A	References
4	21KFTF04EVX
6	21KFTF06EVX
9	21KFTF09EVX

21KFIW

Coupler without valve, Female Thread

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
G1/8	21KFIW10RVX6 ●
G1/4	21KFIW13EVX

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21SBIW
Plug with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21SBIW10REX
	21SBIW10RVX
	21SBIW10EEX
	21SBIW10EVX
G1/4	21SBIW13REX
	21SBIW13RVX
	21SBIW13EEX
	21SBIW13EVX
G3/8	21SBIW17RVX
	21SBIW17EVX

21SBKK
Plug with valve, Plastic Hose Connection with Spring Guard

Stainless steel 303, FKM

n for more imensions

A	References
6 x 8	21SBKK08RVX

21SBKO
Plug with valve, with Plastic Hose Connection

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
4 x 6	21SBKO06REX
	21SBKO06RVX
	21SBKO06EEX
	21SBKO06EVX
6 x 8	21SBKO08RVX
	21SBKO08RVX6 ●
	21SBKO08RVX8 ●
	21SBKO08EVX

21SBKS
Plug with valve, Panel Mount with Plastic Hose Connection

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
4 x 6	21SBKS06REX
	21SBKS06RVX
	21SBKS06EEX
	21SBKS08RVX

21SBTF
Plug with valve, Hose Barb

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
4	21SBTF04RVX
6	21SBTF06REX
	21SBTF06RVX
	21SBTF06EVX
8	21SBTF08REX
	21SBTF08RVX
	21SBTF08EEX
9	21SBTF09RVX
	21SBTF09EVX
10	21SBTF10RVX
	21SBTF10EEX
	21SBTF10EVX

21SBTS
Plug with valve, Panel Mount with Hose Barb

Stainless steel 303, FKM

Scan for more dimensions

A	References
6	21SBTS06RVX

21SFAM
Plug without valve, Male Thread

Stainless steel 303

Scan for more dimensions

A	References
M12x1.5	21SFAM12RXX

21SFAW
Plug without valve, Male Thread

Stainless steel 303/316L

Scan for more dimensions

A	References
G1/8	21SFAW10RXX
	21SFAW10EXX
G1/4	21SFAW13RXX
	21SFAW13RXX0 ●
	21SFAW13RXX3 ▲
	21SFAW13RXX8 ●
	21SFAW13EXX
G3/8	21SFAW17RXX

21SFIM
Plug without valve, Female Thread

Stainless steel 316L

Scan for more dimensions

A	References
M14x1.5	21SFIM14EXX

21SFKO

Plug without valve, with Plastic Hose Connection

Stainless steel 303/316L

Scan for more dimensions

A	References
4 x 6	21SFKO06RXX
	21SFKO06RXX8 ●
	21SFKO06EXX
6 x 8	21SFKO08RXX
	21SFKO08EXX

21SFIW

Plug without valve, Female Thread

Stainless steel 303/316L

Scan for more dimensions

A	References
G1/8	21SFIW10RXX
	21SFIW10RXX6 ●
	21SFIW10EXX
G1/4	21SFIW13RXX
	21SFIW13EXX
G3/8	21SFIW17RXX

21SFKS

Plug without valve, Panel Mount with Plastic Hose Connection

Stainless steel 303/316L

Scan for more dimensions

A	References
4 x 6	21SFKS06RXX
	21SFKS06EXX

21SFTF

Plug without valve, Hose Barb

Stainless steel 303/316L

Scan for more dimensions

A	References
4	21SFTF04RXX
	21SFTF04EXX
6	21SFTF06RXX
	21SFTF06EXX
8	21SFTF08RXX
	21SFTF08EXX
9	21SFTF09RXX
	21SFTF09EXX
10	21SFTF10RXX
	21SFTF10EXX

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25KAAW
Coupler with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/4	25KAAW13RVX
	25KAAW13EVX
G3/8	25KAAW17REX
	25KAAW17RVX
	25KAAW17EVX
G1/2	25KAAW21RVX
	25KAAW21EVX

25KAIW
Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/4	25KAIW13RVX
G1/4	25KAIW13EEX
G1/4	25KAIW13EVX
G3/8	25KAIW17RVX
G3/8	25KAIW17EEX
G3/8	25KAIW17EVX
G1/2	25KAIW21RVX
G1/2	25KAIW21EVX

25KAKO
Coupler with valve, with Plastic Hose Connection

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
6 x 8	25KAKO08RVX
	25KAKO08EVX
8 x 10	25KAKO10RVX
9 x 12	25KAKO12EVX

25KATF
Coupler with valve, Hose Barb

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
6	25KATF06RVX
6	25KATF06EVX
8	25KATF08RVX
8	25KATF08EVX
9	25KATF09RVX
9	25KATF09EVX
10	25KATF10RVX
10	25KATF10EVX
13	25KATF13RVX
13	25KATF13EVX

25KBAW
Coupler with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/4	25KBAW13RVX
	25KBAW13EEX
	25KBAW13EVX
G3/8	25KBAW17RVX
	25KBAW17EEX
	25KBAW17EVX
G1/2	25KBAW21RVX
	25KBAW21EEX
	25KBAW21EVX

25KBIW
Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/4	25KBIW13RVX
	25KBIW13REX
	25KBIW13EEX
	25KBIW13EVX
G3/8	25KBIW17RVX
	25KBIW17REX
	25KBIW17EVX
G1/2	25KBIW21RVX
	25KBIW21EEX
	25KBIW21EVX

25KBKO
Coupler with valve, with Plastic Hose Connection

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
6 x 8	25KBKO08RVX
	25KBKO08EVX
8 x 10	25KBKO10RVX
9 x 12	25KBKO12RVX
	25KBKO12EVX

25KBTF
Coupler with valve, Hose Barb

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
6	25KBTF06EVX
8	25KBTF08REX
	25KBTF08RVX
	25KBTF08EEX
	25KBTF08EVX
9	25KBTF09EVX
10	25KBTF10RVX
	25KBTF10REX
	25KBTF10EVX
13	25KBTF13RVX
	25KBTF13EVX

25KFAW
Coupler without valve, Male Thread

Stainless steel 316L, FKM

Scan for more dimensions

A	References
G1/2	25KFAW21EVX

25KFIW
Coupler without valve, Female Thread

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
G1/8	25KFIW10RVX
G1/2	25KFIW21EVX

25KFTF
Coupler without valve, Hose Barb

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
6	25KFTF06RVX
8	25KFTF08EVX
10	25KFTF10EVX

25SBAK
Plug with valve, Male Thread

Stainless steel 303, EPDM

Scan for more dimensions

A	References
R1/8	25SBAK10REX

25SBAW
Plug with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/4	25SBAW13REX
	25SBAW13RVX
	25SBAW13EEX
	25SBAW13EVX
G3/8	25SBAW17RVX
	25SBAW17EEX
	25SBAW17EVX
G1/2	25SBAW21RVX
	25SBAW21EEX
	25SBAW21EVX

25SBIW
Plug with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/4	25SBIW13REX
	25SBIW13RVX
	25SBIW13EEX
	25SBIW13EVX
G3/8	25SBIW17REX
	25SBIW17RVX
	25SBIW17EVX
G1/2	25SBIW21RVX
	25SBIW21EEX
	25SBIW21EVX

25SBKO
Plug with valve, with Plastic Hose Connection

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
6 x 8	25SBKO08RVX
	25SBKO08EVX
8 x 10	25SBKO10RVX
9 x 12	25SBKO12RVX
	25SBKO12EVX

25SBTF
Plug with valve, Hose Barb

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
6	25SBTF06RVX
	25SBTF06EVX
8	25SBTF08REX
	25SBTF08RVX
	25SBTF08EVX
9	25SBTF09RVX
10	25SBTF10RVX
	25SBTF10EVX
13	25SBTF13RVX
	25SBTF13EEX
	25SBTF13EVX

25SFAW
Plug without valve, Male Thread

Stainless steel 303/316L

Scan for more dimensions

A	References
G1/8	25SFAW10RXX
	25SFAW10EXX
G1/4	25SFAW13RXX
	25SFAW13EXX
G3/8	25SFAW17RXX
	25SFAW17EXX
G1/2	25SFAW21RXX
	25SFAW21EXX

25SFIM
Plug without valve, Female Thread

Stainless steel 303

Scan for more dimensions

A	References
M16x1	25SFIM16RXX

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25SFIW

Plug without valve, Female Thread

Stainless steel 303/316L

Scan for more dimensions

A	References
G1/8	25SFIW10RXX
	25SFIW10EXX
G1/4	25SFIW13RXX
	25SFIW13EXX
G3/8	25SFIW17RXX
	25SFIW17EXX
G1/2	25SFIW21RXX
	25SFIW21EXX

25SFKO

Plug without valve, with Plastic Hose Connection

Stainless steel 303/316L

Scan for more dimensions

A	References
4 x 6	25SFKO06RXX
	25SFKO06EXX
6 x 8	25SFKO08RXX
	25SFKO08EXX
8 x 10	25SFKO10RXX

25SFTF

Plug without valve, Hose Barb

Stainless steel 303/316L

Scan for more dimensions

A	References
6	25SFTF06RXX
6	25SFTF06EXX
8	25SFTF08RXX
8	25SFTF08EXX
9	25SFTF09RXX
9	25SFTF09EXX
10	25SFTF10RXX
10	25SFTF10EXX
13	25SFTF13RXX
13	25SFTF13EXX

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27KAAW

Coupler with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/4	27KAAW13REX
G1/4	27KAAW13RVX
G3/8	27KAAW17RVX
G3/8	27KAAW17EVX
G1/2	27KAAW21RVX
G1/2	27KAAW21EVX
G3/4	27KAAW26RVX
G3/4	27KAAW26EVX

27KAIW

Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G3/8	27KAIW17RVX
	27KAIW17EEX
	27KAIW17EVX
G1/2	27KAIW21RVX
	27KAIW21EEX
	27KAIW21EVX
G3/4	27KAIW26RVX
	27KAIW26EVX

27KATF

Coupler with valve, Hose Barb

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
8	27KATF08EVX
9	27KATF09RVX
9	27KATF09EVX
13	27KATF13RVX
13	27KATF13EVX

27KBAW

Coupler with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/4	27KBAW13RVX
G3/8	27KBAW17RVX
	27KBAW17EEX
	27KBAW17EVX
G1/2	27KBAW21REX
	27KBAW21RVX
	27KBAW21EVX
G3/4	27KBAW26RVX
	27KBAW26EVX

27KBIW

Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/4	27KBIW13EVX
G3/8	27KBIW17RVX
	27KBIW17EVX
G1/2	27KBIW21REX
	27KBIW21RVX
	27KBIW21EEX
	27KBIW21EVX
G3/4	27KBIW26RVX
	27KBIW26EVX

27KBTF

Coupler with valve, Hose Barb

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
9	27KBTF09EVX
13	27KBTF13RVX
13	27KBTF13EVX

27KFAW

Coupler without valve, Male Thread

Stainless steel 316L, FKM

Scan for more dimensions

A	References
G1/2	27KFAW21EVX

27KFTF

Coupler without valve, Hose Barb

Stainless steel 303, FKM

Scan for more dimensions

A	References
9	27KFTF09RVX

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27SBAW

Plug with valve, Male Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/4	27SBAW13RVX
G3/8	27SBAW17RVX
G3/8	27SBAW17EVX
G1/2	27SBAW21RVX
G1/2	27SBAW21EVX
G3/4	27SBAW26REX
G3/4	27SBAW26RVX
G3/4	27SBAW26EVX

27SBIW

Plug with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

A	References
G1/4	27SBIW13EVX
G3/8	27SBIW17RVX
G3/8	27SBIW17EVX
G1/2	27SBIW21REX
G1/2	27SBIW21RVX
G1/2	27SBIW21EEX
G1/2	27SBIW21EVX
G3/4	27SBIW26RVX
G3/4	27SBIW26EVX

27SBTF

Plug with valve, Hose Barb

Stainless steel 303/316L, FKM

Scan for more dimensions

A	References
9	27SBTF09RVX
9	27SBTF09EVX
13	27SBTF13RVX
13	27SBTF13EVX

27SFAW

Plug without valve, Male Thread

Stainless steel 303/316L

Scan for more dimensions

A	References
G1/4	27SFAW13RXX
G1/4	27SFAW13EXX
G3/8	27SFAW17RXX
G3/8	27SFAW17EXX
G1/2	27SFAW21RXX
G1/2	27SFAW21EXX
G3/4	27SFAW26RXX
G3/4	27SFAW26EXX

27SFIW

Plug without valve, Female Thread

Stainless steel 303/316L

Scan for more dimensions

A	References
G3/8	27SFIW17RXX
G3/8	27SFIW17EXX
G1/2	27SFIW21RXX
G1/2	27SFIW21EXX
G3/4	27SFIW26RXX
G3/4	27SFIW26EXX

27SFTF

Plug without valve, Hose Barb

Stainless steel 303/316L

Scan for more dimensions

A	References
6	27SFTF06EXX
8	27SFTF08RXX
	27SFTF08EXX
9	27SFTF09RXX
	27SFTF09EXX
13	27SFTF13RXX
	27SFTF13EXX

71KBIW

Coupler with valve, Female Thread

Stainless steel 303, FKM

Scan for more dimensions

Size	A	References
1/8''	G1/8	71KBIW10RVX

71SBIW

Plug with valve, Female Thread

Stainless steel 303, FKM

Scan for more dimensions

Size	A	References
1/8''	G1/8	71SBIW10RVX

72KBIW

Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

Size	A	References
1/4''	G1/4	72KBIW13REX
1/4''	G1/4	72KBIW13RVX
1/4''	G1/4	72KBIW13EEX
1/4''	G1/4	72KBIW13EVX

72SBIW

Plug with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

Size	A	References
1/4''	G1/4	72SBIW13REX
1/4''	G1/4	72SBIW13RVX
1/4''	G1/4	72SBIW13EEX
1/4''	G1/4	72SBIW13EVX

73KBIW

Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

Size	A	References
3/8''	G3/8	73KBIW17REX
3/8''	G3/8	73KBIW17RVX
3/8''	G3/8	73KBIW17EEX
3/8''	G3/8	73KBIW17EVX

73SBIW

Plug with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

Size	A	References
3/8''	G3/8	73SBIW17REX
3/8''	G3/8	73SBIW17RVX
3/8''	G3/8	73SBIW17EEX
3/8''	G3/8	73SBIW17EVX

73SFIW

Coupler without valve, Female Thread

Stainless steel 316L

Scan for more dimensions

Size	A	References
3/8''	G3/8	73SFIW17EXX

74KBIW

Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

Size	A	References
1/2''	G1/2	74KBIW21REX
1/2''	G1/2	74KBIW21RVX
1/2''	G1/2	74KBIW21EEX
1/2''	G1/2	74KBIW21EVX

74SBIW

Plug with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

Size	A	References
1/2''	G1/2	74SBIW21REX
1/2''	G1/2	74SBIW21RVX
1/2''	G1/2	74SBIW21EEX
1/2''	G1/2	74SBIW21EVX

75KBIW

Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

Size	A	References
3/4''	G3/4	75KBIW26REX
3/4''	G3/4	75KBIW26RVX
3/4''	G3/4	75KBIW26EEX
3/4''	G3/4	75KBIW26EVX

75SBIW

Plug with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

Size	A	References
3/4''	G3/4	75SBIW26REX
3/4''	G3/4	75SBIW26RVX
3/4''	G3/4	75SBIW26EEX
3/4''	G3/4	75SBIW26EVX

76KBIW

Coupler with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

Size	A	References
1''	G1	76KBIW33REX
1''	G1	76KBIW33RVX
1''	G1	76KBIW33EEX
1''	G1	76KBIW33EVX

76SBIW

Plug with valve, Female Thread

Stainless steel 303/316L, EPDM, FKM

Scan for more dimensions

Size	A	References
1''	G1	76SBIW33REX
1''	G1	76SBIW33RVX
1''	G1	76SBIW33EEX
1''	G1	76SBIW33EVX

HIGH FLOW COUPLERS

Equipped with a high-flow valve, the **Rectus High-Flow Couplers** ensure optimal flow with low pressure drop. They are designed for air and neutral gases in applications with high air flow, in standard or aggressive environments.

Technical specifications

Fluids: compressed air and neutral gases

Operating pressure: up to 35 bar

Operating temperature: -20°C to +100°C

Functions: KA

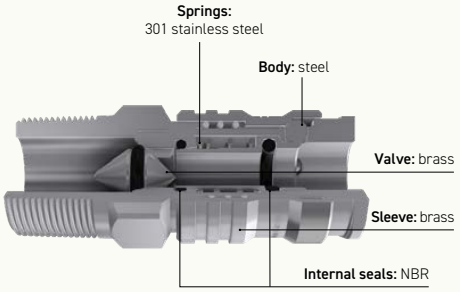
Regulations: RoHS, REACh

Nominal diameter (mm)	Profile	Flow rate (NL/min)*	Series coupler	Plugs series
5,5	ISO B	950	1400/1423	23
7,8	EURO	2020	1600/1625	25
10	EURO	3500	1700/1727	27

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

Performance depends on the fluids, materials and tube used.

Components materials



Benefits

- **The valve design, which reduces turbulence,** allows for a higher flow rate compared to traditional couplers, while reducing air consumption.
- **The one-handed connection** makes it easy to use.
- For the 1423, 1625 and 1727 series, the design of the **bi-polymer sleeve improves ergonomics and resistance to impact and scratches.**

Recommended applications

Bi-polymer sleeve protecting carbody from scratches and impacts

Optimal flow rate for compressor rooms

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1400KAAK
Coupler with valve, Male Thread

Nickel-plated brass, QPQ-treated steel, NBR

Scan for more dimensions

A	References
R1/4	1400KAAK13SPN
R3/8	1400KAAK17SPN
R1/2	1400KAAK21SPN

1400KAIW
Coupler with valve, Female Thread

Nickel-plated brass, QPQ-treated steel, NBR

Scan for more dimensions

A	References
G1/4	1400KAIW13SPN
G3/8	1400KAIW17SPN

1400KATF
Coupler with valve, Hose Barb

Nickel-plated brass, QPQ-treated steel, NBR

Scan for more dimensions

A	References
8	1400KATF08SPN
10	1400KATF10SPN

1423KAAK
Coupler with valve, Male Thread

Nickel-plated brass, QPQ-treated steel, NBR

A	References
R1/4	1423KAAK13SPN
R3/8	1423KAAK17SPN

1423KAIW
Coupler with valve, Female Thread

Nickel-plated brass, QPQ-treated steel, NBR

A	References
G1/4	1423KAIW13SPN
G3/8	1423KAIW17SPN

1423KATF
Coupler with valve, Hose Barb

Nickel-plated brass, QPQ-treated steel, NBR

A	References
6	1423KATF06SPN
8	1423KATF08SPN
9	1423KATF09SPN
10	1423KATF10SPN

23SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/8	23SFAK10SXN
R1/4	23SFAK13SXN
R3/8	23SFAK17SXN
R1/2	23SFAK21SXN

23SFAW
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFAW10SXN
G1/4	23SFAW13SXN
G3/8	23SFAW17SXN
G1/2	23SFAW21SXN

23SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFIW10SXN
G1/4	23SFIW13SXN
G3/8	23SFIW17SXN
G1/2	23SFIW21SXN

23SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
6	23SFTF06SXN
8	23SFTF08SXN
9	23SFTF09SXN
10	23SFTF10SXN
13	23SFTF13SXN

1600KAAK

Coupler with valve, Male Thread

Nickel-plated brass, QPQ-treated steel, NBR

Scan for more dimensions

A	References
R1/4	1600KAAK13SPN
R3/8	1600KAAK17SPN
R1/2	1600KAAK21SPN

1600KAIW

Coupler with valve, Female Thread

Nickel-plated brass, QPQ-treated steel, NBR

Scan for more dimensions

A	References
G1/4	1600KAIW13SPN
G3/8	1600KAIW17SPN
G1/2	1600KAIW21SPN

1600KATF

Coupler with valve, Hose Barb

Nickel-plated brass, QPQ-treated steel, NBR

Scan for more dimensions

A	References
6	1600KATF06SPN
8	1600KATF08SPN
9	1600KATF09SPN
10	1600KATF10SPN
13	1600KATF13SPN

1625KAAK

Coupler with valve, Male Thread

Nickel-plated brass, QPQ-treated steel, PA6+TPE, NBR

Scan for more dimensions

A	References
R1/4	1625KAAK13SPN
R3/8	1625KAAK17SPN
R1/2	1625KAAK21SPN

1625KAIW

Coupler with valve, Female Thread

Nickel-plated brass, QPQ-treated steel, PA6+TPE, NBR

Scan for more dimensions

A	References
G1/4	1625KAIW13SPN
G3/8	1625KAIW17SPN
G1/2	1625KAIW21SPN

1625KATF

Coupler with valve, Hose Barb

Nickel-plated brass, QPQ-treated steel, PA6+TPE, NBR

Scan for more dimensions

A	References
6	1625KATF06SPN
8	1625KATF08SPN
9	1625KATF09SPN
10	1625KATF10SPN
13	1625KATF13SPN

25SFAK

Plug without valve, Male Thread

Zinc-plated steel

Scan for more dimensions

A	References
R1/8	25SFAK10SXZ
R1/4	25SFAK13SXZ
R3/8	25SFAK17SXZ
R1/2	25SFAK21SXZ

25SFAW

Plug without valve, Male Thread

Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
G1/8	25SFAW10SXZ
G1/4	25SFAW13SXZ
G3/8	25SFAW17SXZ
G1/2	25SFAW21SXZ

25SFIW

Plug without valve, Female Thread

Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
G1/8	25SFIW10SXZ
G1/4	25SFIW13SXZ
G3/8	25SFIW17SXZ
G1/2	25SFIW21SXZ

25SFTF

Plug without valve, Hose Barb

Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
6	25SFTF06SXZ
8	25SFTF08SXZ
9	25SFTF09SXZ
10	25SFTF10SXZ
13	25SFTF13SXZ

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1700KAAK
Coupler with valve, Male Thread

Nickel-plated brass, QPQ-treated steel, NBR

Scan for more dimensions

A	References
R3/8	1700KAAK17SPN
R1/2	1700KAAK21SPN
R3/4	1700KAAK26SPN

1700KAIW
Coupler with valve, Female Thread

Nickel-plated brass, QPQ-treated steel, NBR

Scan for more dimensions

A	References
G3/8	1700KAIW17SPN
G1/2	1700KAIW21SPN
G3/4	1700KAIW26SPN

1700KATF
Coupler with valve, Hose Barb

Nickel-plated brass, QPQ-treated steel, NBR

Scan for more dimensions

A	References
10	1700KATF10SPN
13	1700KATF13SPN
16	1700KATF16SPN
19	1700KATF19SPN

1727KAIW
Coupler with valve, Female Thread

Nickel-plated brass, QPQ-treated steel, PA6+TPE, NBR

Scan for more dimensions

A	References
G3/4	1727KAIW26SPN

1727KATF
Coupler with valve, Hose Barb

Nickel-plated brass, QPQ-treated steel, PA6+TPE, NBR

Scan for more dimensions

A	References
19	1727KATF19SPN

27SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R3/8	27SFAK17SXN
R1/2	27SFAK21SXN
R3/4	27SFAK26SXN

27SFAW
Plug without valve, Male Thread

Nickel-plated brass / Nickel-plated steel

Scan for more dimensions

A	References
G1/4	27SFAW13MXN
G3/8	27SFAW17SXN
G1/2	27SFAW21SXN
G3/4	27SFAW26SXN

27SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	27SFIW13SXN
G3/8	27SFIW17SXN
G1/2	27SFIW21SXN
G3/4	27SFIW26SXN

27SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
10	27SFTF10SXN
13	27SFTF13SXN
16	27SFTF16SXN
19	27SFTF19SXN

SAFETY COUPLERS

Rectus safety couplers are designed with a locking system that prevents accidental disconnection.

INDUSTRIAL **VERSION**

Technical specifications

Fluids: air and neutral gases, industrial water

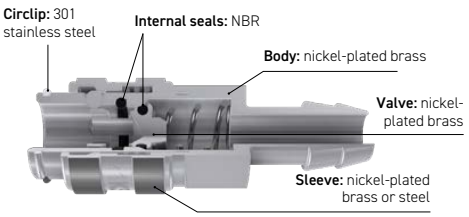
Operating pressure: up to 35 bar

Operating temperature: -20°C to +100°C

Functions: KS, KD

Regulations: RoHS, REACh

Components materials



Nominal diameter (mm)	Profile	Flow rate (Nl/min)*		Series coupler	Plugs series
		Air	Water		
5	Rectus	550 (KS)	310 (KD)	21	21
7.8	Rectus	1800 (KS)	710 (KD)	25	25

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

Performance depends on the fluids, materials and tube used.

Recommended applications

Facilitates connection/disconnection on a liquid circuit test bench

Benefits

- **Safety locking system** preventing any accidental disconnection. The user must push the plug into the coupler in order to disconnect.
- **Series 25 equipped with a high-flow valve** for optimal flow and low pressure drop.

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BREATHING AIR VERSION

Technical specifications

Fluids: oxygen

Operating pressure: up to 35 bar

Operating temperature: -20°C to +100°C

Functions: KS

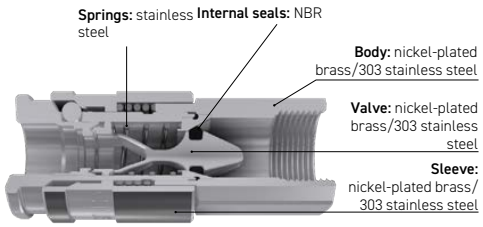
Regulations: RoHS, REACh

Nominal diameter (mm)	Profile	Flow rate (NL/min)*	Series coupler	Plugs series
7.4	Rectus	1700	95	95
7.4	Rectus	1700	96	96

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

Performance depends on the fluids, materials and tube used.

Components materials



Recommended applications

Lock to prevent unintentional disconnection to secure firefighters' breathing apparatus

Benefits

- Specially developed for "breathing air" applications, (tested according to DIN EN 14593).
- **Safety locking system** preventing accidental disconnection: the plug must be pushed into the coupler.
- **High-flow valve** for optimal flow and low pressure drop.

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21KSAW
Coupler with valve, Male Thread

Brass/Nickel-plated brass, NBR without a sealing ring

Scan for more dimensions

A	References
G1/8	21KSAW10MPN
G1/4	21KSAW13MPN
G3/8	21KSAW17MPX

21KSIW
Coupler with valve, Female Thread

Brass/Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/8	21KSIW10MPN
G1/4	21KSIW13MPN
G3/8	21KSIW17MPX

21KSTF
Coupler with valve, Hose Barb

Brass/Nickel-plated brass, NBR

Scan for more dimensions

A	References
5	21KSTF05MPN
6	21KSTF06MPN
8	21KSTF08MPN
9	21KSTF09MPN
10	21KSTF10MPN

21SSAW
Plug without valve, Male Thread

Brass

Scan for more dimensions

A	References
G1/8	21SSAW10MXX
G1/4	21SSAW13MXX

21SSIW
Plug without valve, Female Thread

Nickel-plated brass, Brass

Scan for more dimensions

A	References
G1/8	21SSIW10MXN
	21SSIW10MXX
G1/4	21SSIW13MXN
	21SSIW13MXX

21SSTF
Plug without valve, Hose Barb

Nickel-plated brass, Brass

Scan for more dimensions

A	References
6	21SSTF06MXN
	21SSTF06MXX
8	21SSTF08MXX
9	21SSTF09MXX
10	21SSTF10MXX

21KDAW
Coupler with valve, Male Thread

Nickel-plated brass, NBR without a sealing ring

Scan for more dimensions

A	References
G1/8	21KDAW10MPN
G1/4	21KDAW13MPN
G3/8	21KDAW17MPN

21KDIW
Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/8	21KDIW10MPN
G1/4	21KDIW13MPN
G3/8	21KDIW17MPN

21KDTF
Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	21KDTF06MPN
10	21KDTF10MPN

21SDAW
Plug with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/8	21SDAW10MPN
G1/4	21SDAW13MPN
G3/8	21SDAW17MPN

21SDIW
Plug with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/8	21SDIW10MPN
G1/4	21SDIW13MPN
G3/8	21SDIW17MPN

21SDTF
Plug with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	21SDTF06MPN
8	21SDTF08MPN
10	21SDTF10MPN

25KSAK
Coupler with valve, Male Thread

Nickel-plated brass/Acier, NBR

Scan for more dimensions

A	References
R1/4	25KSAK13SPN
	25KSAK13MPN
R3/8	25KSAK17MPN
R1/2	25KSAK21MPN

25KSIW
Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/4	25KSIW13MPN
G3/8	25KSIW17MPN
G1/2	25KSIW21MPN

25KSTF
Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
8	25KSTF08MPN
10	25KSTF10MPN

25SSAW
Plug without valve, Male Thread

Zinc-plated steel

Scan for more dimensions

A	References
G1/4	25SSAW13SXZ

25SSIW
Plug without valve, Female Thread

Zinc-plated steel

Scan for more dimensions

A	References
G1/4	25SSIW13SXZ
G3/8	25SSIW17SXZ

25SSTF
Plug without valve, Hose Barb

Zinc-plated steel

Scan for more dimensions

A	References
8	25SSTF08SXZ
10	25SSTF10SXZ

25KDAK
Coupler with valve, Male Thread

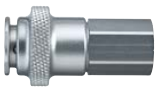
Nickel-plated brass, NBR

Scan for more dimensions

A	References
R1/4	25KDAK13MPN
R3/8	25KDAK17MPN
R1/2	25KDAK21MPN

25KDIW
Coupler with valve, Female Thread

Nickel-plated brass, NBR



Scan for more dimensions

A	References
G1/4	25KDIW13BPN
G3/8	25KDIW17MPN

25KDTF
Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	25KDTF06MPN
9	25KDTF09MPN
10	25KDTF10MPN
13	25KDTF13MPN

25SDAW
Plug with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/4	25SDAW13MPN
G3/8	25SDAW17MPN

25SDIW
Plug with valve, Female Thread

Nickel-plated brass, NBR, FKM

Scan for more dimensions

A	References
G1/4	25SDIW13MPN
G1/4	25SDIW13MVN
G3/8	25SDIW17MPN

BREATHING AIR VERSIONS

95KSAK
Coupler with valve, Male Thread

Nickel-plated brass ou Stainless steel 303, NBR

Scan for more dimensions

A	References
R1/4	95KSAK13BPN
R1/4	95KSAK13RPN
R3/8	95KSAK17BPN
R3/8	95KSAK17RPN

95KSAW
Coupler with valve, Male Thread

Stainless steel 316L, FKM

Scan for more dimensions

A	References
G1/4	95KSAW13EVX

95KSIW
Coupler with valve, Female Thread

Nickel-plated brass ou Stainless steel 303, NBR, FKM

Scan for more dimensions

A	References
G1/4	95KSIW13BPN
	95KSIW13RVX
G3/8	95KSIW17BPN
G3/8	95KSIW17RPN

95KSTF
Coupler with valve, Hose Barb

Nickel-plated brass ou Stainless steel 303, NBR

Scan for more dimensions

A	References
6	95KSTF06BPN
9	95KSTF09BPN
10	95KSTF10RPN

95SSAK
Plug without valve, Male Thread

Nickel-plated brass

Scan for more dimensions

A	References
R1/4	95SSAK13MXN
R3/8	95SSAK17MXN

95SSIW
Plug without valve, Female Thread

Nickel-plated brass

Scan for more dimensions

A	References
G1/4	95SSIW13MXN

95SSTF
Plug without valve, Hose Barb

Nickel-plated brass

Scan for more dimensions

A	References
6	95SSTF06MXN

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96KSAK
Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
R1/4	96KSAK13BPN
R3/8	96KSAK17BPN

96KSAW
Coupler with valve, Male Thread

Nickel-plated brass ou Stainless steel 303, NBR, FKM, EPDM

Scan for more dimensions

A	References
G1/4	96KSAW13BPN
G3/8	96KSAW17REX
	96KSAW17RVX
G1/2	96KSAW21RVX

96KSIW
Coupler with valve, Female Thread

Nickel-plated brass ou Stainless steel 303, NBR, FKM

Scan for more dimensions

A	References
G1/4	96KSIW13BPN
G3/8	96KSIW17BPN
	96KSIW17RVX
G1/2	96KSIW21RVX

96KSTF
Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
9	96KSTF09BPN

96SSAK
Plug without valve, Male Thread

Nickel-plated brass ou Stainless steel 316L

Scan for more dimensions

A	References
R1/4	96SSAK13MXN
	96SSAK13EXX
R3/8	96SSAK17MXN

96SSAW
Plug without valve, Male Thread

Stainless steel 303

Scan for more dimensions

A	References
G1/4	96SSAW13RXX
G3/8	96SSAW17RXX

96SSIW
Plug without valve, Female Thread

Nickel-plated brass

Scan for more dimensions

A	References
G1/4	96SSIW13MXN
G3/8	96SSIW17MXN

96SSTF
Plug without valve, Hose Barb

Nickel-plated brass

Scan for more dimensions

A	References
9	96SSTF09MXN

SELF-VENTING COUPLERS

Rectus safety couplers with automatic vent evacuate compressed air before disengagement. They thus ensure optimal protection for users.

PUSH-BUTTON VERSION

Technical specifications

Fluids: compressed air and neutral gases

Operating pressure: up to 12 bar

Operating temperature: -20°C to +100°C

Functions: KP

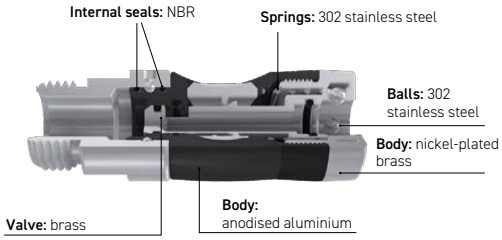
Regulations: RoHS, REACh

Nominal diameter (mm)	Profile	Flow rate (NL/min)*	Series coupler	Plugs series
5.5	ISO B	675	24	23
5.5	ISO C	810	18	18
7.4	EURO	1225	26	25
8	ISO B	1470	30	30
8	ISO C	2100	84	84

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

Performance depends on the fluids, materials and tube used.

Components materials



Benefits

- **The absence of a whiplash effect from pressurised hoses** ensures operator safety thanks to automatic purging before disconnection (ISO 4414):
  - Press the push button once to release the air from the coupler.
  - Press a second time to disconnect the tip.

VERSION WITH SLIDING RING

Technical specifications

Fluids: compressed air and neutral gases

Operating pressure: up to 12 bar

Operating temperature: -20°C to +100°C (+60°C series 14, 24, 26)

Functions: KE

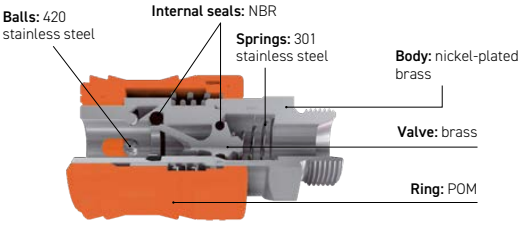
Regulations: RoHS, REACh

Nominal diameter (mm)	Profile	Flow rate (NL/min)*	Series coupler	Plugs series
5.5	ISO B	950	1400	23
5.5	ARO	1400	14	22
7.4	EURO	830	26	25
7.8	EURO	2020	1600	25
10	EURO	3500	1700	27

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

Performance depends on the fluids, materials and tube used.

Constituent materials



Benefits

- **The absence of a whipping effect from pressurised hoses** ensures operator safety thanks to automatic venting before disconnection (ISO 4414):
  - When the sleeve is pushed towards the coupler for the first time, the air is evacuated.
  - By pressing the sleeve a second time, the disconnection is performed safely.
- With polymer sleeve versions, **better resistance to impact and scratches.**

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VERSION **WITH ROTATING SLEEVE**

Technical specifications

Fluids: compressed air and neutral gases

Operating pressure: up to 16 bar

Operating temperature: -20°C to +60°C

Functions: KE

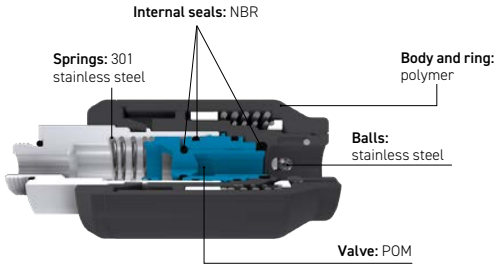
Regulations: RoHS, REACh

Nominal diameter (mm)	Profile	Flow rate (NL/min)*	Series coupler	Plugs series
5.5	ARO	1250	94**A	22
5.5	ISO B	1250	94**U	23
7.2	EURO	2000	94**E	25
8	ISO B	2400	94**U	30

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

Performance depends on the fluids, materials and tube used.

Components materials



Benefits

- **No whipping effect from pressurised hoses** thanks to automatic venting prior to disconnection to ensure operator safety:
  - Rotating in one direction, the air is vented.
  - Rotate in the opposite direction, disconnecting safely.
- The polymer ring provides **better resistance to impact and scratches.**

Recommended applications

Easy to use thanks to the push button that activates the Vent

Vent activated by rotating the ring

PUSH-BUTTON VERSIONS

24KPAW
Coupler with valve, Male Thread

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
G1/4	24KPAW13APX
G3/8	24KPAW17APX
G1/2	24KPAW21APX

24KPIW
Coupler with valve, Female Thread

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
G1/4	24KPIW13APX
G3/8	24KPIW17APX
G1/2	24KPIW21APX

24KPTF
Coupler with valve, Hose Barb

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
6	24KPTF06APX
8	24KPTF08APX
10	24KPTF10APX

23SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/8	23SFAK10SXN
R1/4	23SFAK13SXN
R3/8	23SFAK17SXN
R1/2	23SFAK21SXN

23SFAW
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFAW10SXN
G1/4	23SFAW13SXN
G3/8	23SFAW17SXN
G1/2	23SFAW21SXN

23SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFIW10SXN
G1/4	23SFIW13SXN
G3/8	23SFIW17SXN
G1/2	23SFIW21SXN

23SFKO
Plug without valve, with Plastic Hose Connection

Nickel-plated steel

Scan for more dimensions

A	References
8 x 10	23SFKO10SXN

23SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
6	23SFTF06SXN
8	23SFTF08SXN
9	23SFTF09SXN
10	23SFTF10SXN
13	23SFTF13SXN

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18KPAW
Coupler with valve, Male Thread

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
G1/4	18KPAW13APX
G3/8	18KPAW17APX
G1/2	18KPAW21APX

18KPIW
Coupler with valve, Female Thread

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
G1/4	18KPIW13APX
G3/8	18KPIW17APX
G1/2	18KPIW21APX

18KPTF
Coupler with valve, Hose Barb

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
6	18KPTF06APX
8	18KPTF08APX
9	18KPTF09APX
13	18KPTF13APX

18SFAW
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	18SFAW13SXN
G3/8	18SFAW17SXN

18SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/4	18SFAK13SXN

18SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	18SFIW13SXN
G3/8	18SFIW17SXN

18SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
6	18SFTF06SXN
8	18SFTF08SXN
10	18SFTF10SXN

26KPAW
Coupler with valve, Male Thread

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
G1/4	26KPAW13APX
G3/8	26KPAW17APX
G1/2	26KPAW21APX

26KPIW
Coupler with valve, Female Thread

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
G1/4	26KPIW13APX
G3/8	26KPIW17APX
G1/2	26KPIW21APX

26KPTF
Coupler with valve, Hose Barb

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
6	26KPTF06APX
8	26KPTF08APX
10	26KPTF10APX
13	26KPTF13APX

25SFAK
Plug without valve, Male Thread

Zinc-plated steel

Scan for more dimensions

A	References
R1/8	25SFAK10SXZ
R1/4	25SFAK13SXZ
R3/8	25SFAK17SXZ
R1/2	25SFAK21SXZ

25SFAW
Plug without valve, Male Thread

Nickel-plated steel, technical polymer

Scan for more dimensions

DN	C	References
7.2	G1/8	25SFAW10SXZ
	G1/4	25SFAW13SXZ
	G3/8	25SFAW17SXZ
	G1/2	25SFAW21SXZ

25SFIM
Plug without valve, Female Thread

Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
M16x1.5	25SFIM16SXZ

25SFIW
Plug without valve, Female Thread

Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
G1/8	25SFIW10SXZ
G1/4	25SFIW13SXZ
G3/8	25SFIW17SXZ
G1/2	25SFIW21SXZ

25SFTF
Plug without valve, Hose Barb

Nickel-plated brass

Scan for more dimensions

DN	A	References
7.2	6	25SFTF06SXZ
	8	25SFTF08SXZ
	9	25SFTF09SXZ
	10	25SFTF10SXZ
	13	25SFTF13SXZ

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30KPAW
Coupler with valve, Male Thread

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
G1/4	30KPAW13APX
G3/8	30KPAW17APX
G1/2	30KPAW21APX

30KPIW
Coupler with valve, Female Thread

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
G1/4	30KPIW13APX
G3/8	30KPIW17APX
G1/2	30KPIW21APX

30KPTF
Coupler with valve, Hose Barb

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
8	30KPTF08APX
10	30KPTF10APX

30SFAW
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	30SFAW13SXN
G3/8	30SFAW17SXN
G1/2	30SFAW21SXN

30SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
8	30SFTF08SXN
10	30SFTF10SXN
13	30SFTF13SXN

30SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	30SFIW13SXN
G3/8	30SFIW17SXN
G1/2	30SFIW21SXN

84KPAW
Coupler with valve, Male Thread

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
G1/4	84KPAW13APX
G3/8	84KPAW17APX
G1/2	84KPAW21APX

84KPIW
Coupler with valve, Female Thread

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
G1/4	84KPIW13APX
G3/8	84KPIW17APX
G1/2	84KPIW21APX

84KPTF
Coupler with valve, Hose Barb

Anodized aluminum, Nickel-plated brass

Scan for more dimensions

A	References
10	84KPTF10APX
13	84KPTF13APX

84SFAW
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	84SFAW13SXN
G3/8	84SFAW17SXN
G1/2	84SFAW21SXN

84SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	84SFIW13SXN
G3/8	84SFIW17SXN

84SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
10	84SFTF10SXN
13	84SFTF13SXN

SLIDING SLEEVE VERSIONS

1400KEAW
Coupler with valve, Male Thread

Brass/Nickel-plated steel, NBR

Scan for more dimensions

A	References
G1/4	1400KEAW13SPN

1400KEIW
Coupler with valve, Female Thread

Brass/Nickel-plated steel, NBR

Scan for more dimensions

A	References
G1/4	1400KEIW13SPN
G1/2	1400KEIW21SPN

23SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/8	23SFAK10SXN
R1/4	23SFAK13SXN
R3/8	23SFAK17SXN
R1/2	23SFAK21SXN

23SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFIW10SXN
G1/4	23SFIW13SXN
G3/8	23SFIW17SXN
G1/2	23SFIW21SXN

23SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
6	23SFTF06SXN
8	23SFTF08SXN
9	23SFTF09SXN
10	23SFTF10SXN
13	23SFTF13SXN

23SFAW
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFAW10SXN
G1/4	23SFAW13SXN
G3/8	23SFAW17SXN
G1/2	23SFAW21SXN

14KEAK

Coupler with valve, Male Thread

Nickel-plated brass, polymer, NBR

Scan for more dimensions

A	References
R1/4	14KEAK13MPN
R3/8	14KEAK17MPN
R1/2	14KEAK21MPN

14KEAW

Coupler with valve, Male Thread

Nickel-plated brass, polymer, NBR

Scan for more dimensions

A	References
G1/2	14KEAW17MPN
G3/8	14KEAW21MPN

14KEIW

Coupler with valve, Female Thread

Nickel-plated brass, polymer, NBR

Scan for more dimensions

A	References
G1/4	14KEIW13MPN
G3/8	14KEIW17MPN
G1/2	14KEIW21MPN

14KETF

Coupler with valve, Hose Barb

Nickel-plated brass, polymer, NBR

Scan for more dimensions

A	References
8	14KETF08MPN
9	14KETF09MPN
10	14KETF10MPN

22SFAK

Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/8	22SFAK10SXN
R1/4	22SFAK13SXN
R3/8	22SFAK17SXN
R1/2	22SFAK21SXN

22SFAW

Plug without valve, Male Thread

Nickel-plated steel, technical polymer

Scan for more dimensions

DN	C	References
5.5	G1/4	22SFAW13SXN
	G1/2	22SFAW21SXN

22SFIW

Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	22SFIW13SXN
G3/8	22SFIW17SXN
G1/2	22SFIW21SXN

22SFTF

Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

DN	ØD	References
5.5	6	22SFTF06SXN
	8	22SFTF08SXN
	9	22SFTF09SXN
	10	22SFTF10SXN
	13	22SFTF13SXN

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26KEAW
Coupler with valve, Male Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/4	26KEAW13MPN
G3/8	26KEAW17MPN
G1/2	26KEAW21MPN

26KEIW
Coupler with valve, Female Thread

Nickel-plated brass, NBR

Scan for more dimensions

A	References
G1/4	26KEIW13MPN
G3/8	26KEIW17MPN
G1/2	26KEIW21MPN

26KETF
Coupler with valve, Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6	26KETF06MPN
8	26KETF08MPN
9	26KETF09MPN
10	26KETF10MPN
13	26KETF13MPN

25SFAK
Plug without valve, Male Thread

Zinc-plated steel

Scan for more dimensions

A	References
R1/8	25SFAK10SXZ
R1/4	25SFAK13SXZ
R3/8	25SFAK17SXZ
R1/2	25SFAK21SXZ

25SFAW
Plug without valve, Male Thread

Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
G1/8	25SFAW10SXZ
G1/4	25SFAW13SXZ
G3/8	25SFAW17SXZ
G1/2	25SFAW21SXZ

25SFIM
Plug without valve, Female Thread

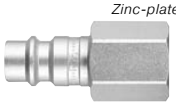
Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
M16x1.5	25SFIM16SXZ

25SFIW
Plug without valve, Female Thread

Zinc-plated steel/Nickel-plated brass



Scan for more dimensions

A	References
G1/8	25SFIW10SXZ
G1/4	25SFIW13SXZ
G3/8	25SFIW17SXZ
G1/2	25SFIW21SXZ

25SFTF
Plug without valve, Hose Barb

Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
6	25SFTF06SXZ
8	25SFTF08SXZ
9	25SFTF09SXZ
10	25SFTF10SXZ
13	25SFTF13SXZ

1600KEAK

Coupler with valve, Male Thread

Brass/Nickel-plated steel, NBR

Scan for more dimensions

A	References
R1/4	1600KEAK13SPN
R3/8	1600KEAK17SPN
R1/2	1600KEAK21SPN

1600KEIW

Coupler with valve, Female Thread

Brass/Nickel-plated steel, NBR

Scan for more dimensions

A	References
G1/4	1600KEIW13SPN
G3/8	1600KEIW17SPN
G1/2	1600KEIW21SPN

1600KETF

Coupler with valve, Hose Barb

Brass/Nickel-plated steel, NBR

Scan for more dimensions

A	References
6	1600KETF06SPN
8	1600KETF08SPN
9	1600KETF09SPN
10	1600KETF10SPN
13	1600KETF13SPN

25SFAK

Plug without valve, Male Thread

Zinc-plated steel

Scan for more dimensions

A	References
R1/8	25SFAK10SXZ
R1/4	25SFAK13SXZ
R3/8	25SFAK17SXZ
R1/2	25SFAK21SXZ

25SFAW

Plug without valve, Male Thread

Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
G1/8	25SFAW10SXZ
G1/4	25SFAW13SXZ
G3/8	25SFAW17SXZ
G1/2	25SFAW21SXZ

25SFIM

Plug without valve, Female Thread

Zinc-plated steel/Nickel-plated brass

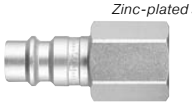
Scan for more dimensions

A	References
M16x1.5	25SFIM16SXZ

25SFIW

Plug without valve, Female Thread

Zinc-plated steel/Nickel-plated brass



Scan for more dimensions

A	References
G1/8	25SFIW10SXZ
G1/4	25SFIW13SXZ
G3/8	25SFIW17SXZ
G1/2	25SFIW21SXZ

25SFTF

Plug without valve, Hose Barb

Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
6	25SFTF06SXZ
8	25SFTF08SXZ
9	25SFTF09SXZ
10	25SFTF10SXZ
13	25SFTF13SXZ

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1700KEAW
Coupler with valve, Male Thread

Brass/Nickel-plated steel, NBR

Scan for more dimensions

A	References
G3/8	1700KEAW17SPN
G1/2	1700KEAW21SPN
G3/4	1700KEAW26SPN

1700KEIW
Coupler with valve, Female Thread

Brass/Nickel-plated steel, NBR

Scan for more dimensions

A	References
G3/8	1700KEIW17SPN
G1/2	1700KEIW21SPN
G3/4	1700KEIW26SPN

27SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/4	27SFAK13SXN
R3/8	27SFAK17SXN
R1/2	27SFAK21SXN
R3/4	27SFAK26SXN

27SFAW
Plug without valve, Male Thread

Nickel-plated brass / Nickel-plated steel

Scan for more dimensions

A	References
G3/8	27SFAW17SXN
G1/2	27SFAW21SXN
G3/4	27SFAW26SXN

27SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	27SFIW13SXN
G3/8	27SFIW17SXN
G1/2	27SFIW21SXN
G3/4	27SFIW26SXN

27SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
10	27SFTF10SXN
13	27SFTF13SXN
16	27SFTF16SXN
19	27SFTF19SXN

ROTATING-SLEEVE VERSIONS

9401A
Coupler with valve, Male Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
5.5	G1/4	9401A06 13
5.5	G3/8	9401A06 17
5.5	G1/2	9401A06 21

9405A
Coupler with valve, Male Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
5.5	R1/4	9405A06 13
5.5	R3/8	9405A06 17
5.5	R1/2	9405A06 21

9414A
Coupler with valve, Female Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
5.5	G1/4	9414A06 13
5.5	G3/8	9414A06 17
5.5	G1/2	9414A06 21

9416A
Coupler with valve, Bulkhead Mountable, Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
5.5	G1/4	9416A06 13

9421A
Coupler with valve, with Hosetail

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	ØD	References
5.5	8	9421A06 08
5.5	10	9421A06 10

22SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/8	22SFAK10SXN
R1/4	22SFAK13SXN
R3/8	22SFAK17SXN
R1/2	22SFAK21SXN

22SFAW
Plug without valve, Male Thread

Nickel-plated steel, technical polymer

Scan for more dimensions

DN	C	References
5.5	G1/4	22SFAW13SXN
	G1/2	22SFAW21SXN

22SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	22SFIW13SXN
G3/8	22SFIW17SXN
G1/2	22SFIW21SXN

22SFTF
Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

DN	ØD	References
5.5	6	22SFTF06SXN
	8	22SFTF08SXN
	9	22SFTF09SXN
	10	22SFTF10SXN
	13	22SFTF13SXN

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9401U
Coupler with valve, Male Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
5.5	G1/4	9401U06 13
5.5	G3/8	9401U06 17
5.5	G1/2	9401U06 21
8	G1/4	9401U08 13
8	G3/8	9401U08 17
8	G1/2	9401U08 21

9405U
Coupler with valve, Male Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
5.5	R1/4	9405U06 13
5.5	R3/8	9405U06 17
5.5	R1/2	9405U06 21
8	R1/4	9405U08 13
8	R3/8	9405U08 17
8	R1/2	9405U08 21

9414U
Coupler with valve, Female Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
5.5	G1/4	9414U06 13
5.5	G3/8	9414U06 17
5.5	G1/2	9414U06 21
8	G1/4	9414U08 13
8	G3/8	9414U08 17
8	G1/2	9414U08 21

9416U
Coupler with valve, Bulkhead Mountable, Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
5.5	G1/4	9416U06 13
8	G3/8	9416U08 17

9421U
Coupler with valve, with Hosetail

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	ØD	References
5.5	6	9421U06 06
5.5	8	9421U06 08
5.5	10	9421U06 10
8	8	9421U08 08
8	10	9421U08 10
8	13	9421U08 13

23SFAK
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
R1/8	23SFAK10SXN
R1/4	23SFAK13SXN
R3/8	23SFAK17SXN
R1/2	23SFAK21SXN

23SFAW
Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFAW10SXN
G1/4	23SFAW13SXN
G3/8	23SFAW17SXN
G1/2	23SFAW21SXN

23SFIW
Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/8	23SFIW10SXN
G1/4	23SFIW13SXN
G3/8	23SFIW17SXN
G1/2	23SFIW21SXN

23SFKO

Plug without valve, with Plastic Hose Connection

Nickel-plated steel

Scan for more dimensions

A	References
8 x 10	23SFKO10SXN

23SFTF

Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
6	23SFTF06SXN
8	23SFTF08SXN
9	23SFTF09SXN
10	23SFTF10SXN
13	23SFTF13SXN

30SFAW

Plug without valve, Male Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	30SFAW13SXN
G3/8	30SFAW17SXN
G1/2	30SFAW21SXN

30SFIW

Plug without valve, Female Thread

Nickel-plated steel

Scan for more dimensions

A	References
G1/4	30SFIW13SXN
G3/8	30SFIW17SXN
G1/2	30SFIW21SXN

30SFTF

Plug without valve, Hose Barb

Nickel-plated steel

Scan for more dimensions

A	References
8	30SFTF08SXN
10	30SFTF10SXN
13	30SFTF13SXN

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9401E
Coupler with valve, Male Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
7.2	G1/4	9401E07 13
7.2	G3/8	9401E07 17
7.2	G1/2	9401E07 21

9414E
Coupler with valve, Female Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
7.2	G1/4	9414E07 13
7.2	G3/8	9414E07 17
7.2	G1/2	9414E07 21

9416E
Coupler with valve, Bulkhead Mountable, Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
7.2	G3/8	9416E07 17

9421E
Coupler with valve, with Hosetail

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	ØD	References
7.2	8	9421E07 08
7.2	10	9421E07 10
7.2	13	9421E07 13

25SFAK
Plug without valve, Male Thread

Zinc-plated steel

Scan for more dimensions

A	References
R1/8	25SFAK10SXZ
R1/4	25SFAK13SXZ
R3/8	25SFAK17SXZ
R1/2	25SFAK21SXZ

25SFAW
Plug without valve, Male Thread

Zinc-plated steel, technical polymer

Scan for more dimensions

DN	C	References
7.2	G1/8	25SFAW10SXZ
	G1/4	25SFAW13SXZ
	G3/8	25SFAW17SXZ
	G1/2	25SFAW21SXZ

25SFIM
Plug without valve, Female Thread

Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
M16x1.5	25SFIM16SXZ

25SFIW
Plug without valve, Female Thread

Zinc-plated steel/Nickel-plated brass

Scan for more dimensions

A	References
G1/8	25SFIW10SXZ
G1/4	25SFIW13SXZ
G3/8	25SFIW17SXZ
G1/2	25SFIW21SXZ

25SFTF
Plug without valve, Hose Barb

Zinc-plated steel-plated brass

Scan for more dimensions

DN	A	References
7.2	6	25SFTF06SXZ
	8	25SFTF08SXZ
	9	25SFTF09SXZ
	10	25SFTF10SXZ
	13	25SFTF13SXZ

THERMOPLASTIC COUPLERS

Made from technical polymers, these couplers are ideal for applications requiring high chemical resistance. Available in POM for air and neutral gases, as well as in PVDF for treated water and analytical gases.

Technical specifications

Fluids: air and neutral gases, industrial water and treated water with or without glycol

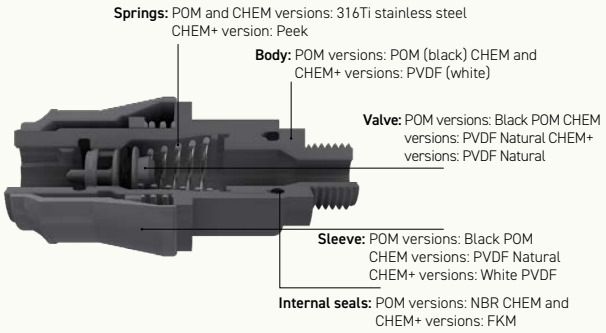
Operating pressure:
PVDF: 8 bar
POM and Series 70 (G1/2 up to G1):10 bar
Series 70 (G1/8 up to G3/8): 15 bar

Operating temperature:
POM: -20°C to +80°C (+90°C for 70 series)
PVDF: -20°C to +120°C

Functions: KA, KB

Regulations: RoHS, REACh

Components materials



Nominal diameter (mm)	Profile	Flow rate (NL/min)*		Series coupler	Plugs series
		Air	Water		
5	EURO	310 (KB) to 550 (KA)	2.7 (KB) to 7 (KA)	21	21
5	Rectus	310 (KB) to 550 (KA)	2.7 (KB) to 7 (KA)	21 coded	21
7	Rectus	770 (KB) to 1100 (KA)	12 (KB) to 17 (KA)	48/48 coded	48
6–20	ISO 7241-1 B	-	9 (KB) 17 (KB) 33 (KB) 79 (KB) 117 (KB)	72 73 74 75 76	72 73 74 75 76

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

Performance depends on the fluids, materials and tube used.

Identification of coded versions

Benefits

- **PVDF version for high chemical resistance** in medical applications.
- **The versions with a conical sleeve** are specially designed to facilitate handling with gloves.
- **The 21 and 48 series are available in coded versions** to secure the coupler to its plug and prevent fluid mixing.
- **The 70 series stands out for its high flow rate,** high pressure resistance and low pressure drop.

Recommended applications

Chemical resistance in medical analysis laboratories

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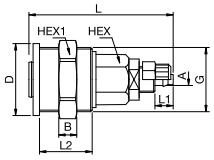
21KBKE

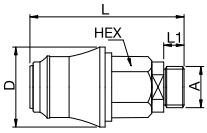
Coupler with valve, Panel Mount for Plastic Hose Connection for Front Panel Installation



A	HEX	HEX1	L	L1	L2	D	B	G	Cap color	References POM	References CHEM
6 x 8	17	27	56	7	20.5	28	7	M25x1	Standard	21KBKE08DPX	21KBKE08FVX

21KBAW

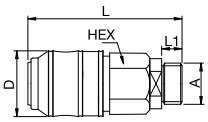
Coupler with valve, Male Thread with a conical cap



A	HEX	L	L1	D	Cap color	References POM	References CHEM
G1/8	17	50	7	25.5	Standard	21KBAW10DPX	21KBAW10FVX
G1/4	17	50	7	25.5	Standard	21KBAW13DPX	21KBAW13FVX

21KBAW

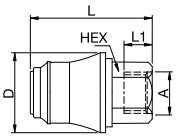
Coupler with valve, Male Thread with a cylindrical cap



A	HEX	L	L1	D	Cap color	References POM	References CHEM
G1/4	17	50	7	21	Blue		21KBAW13FVXGB
G1/4	17	50	7	21	Red	21KBAW13DPXGR	21KBAW13FVXGR

21KBIW

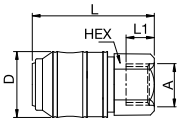
Coupler with valve, Female Thread with a conical cap



A	HEX	L	L1	D	Cap color	References POM	References CHEM
G1/8	17	53	8	25.5	Standard	21KBIW10DPX	21KBIW10FVX
G1/4	17	39	9	25.5	Standard	21KBIW13DPX	21KBIW13FVX

21KBIW

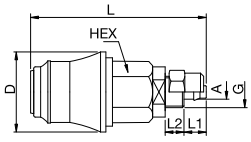
Coupler with valve, Female Thread with a cylindrical cap



A	HEX	L	L1	D	Cap color	References POM	References CHEM
G1/4	17	39	9	21	Blue	21KBIW13DPXGB	21KBIW13FVXGB
G1/4	17	39	9	21	Red	21KBIW13DPXGR	21KBIW13FVXGR

21KBKO

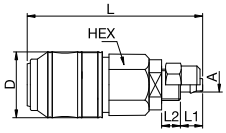
Coupler with valve, with Plastic Hose Connection with a conical cap



A	HEX	L	L1	L2	D	G	Cap color	References POM	References CHEM
4 x 6	17	56	6	7	25.5	M10x1	Standard	21KBKO06DPX	21KBKO06FVX
6 x 8	17	56	6	7	25.5	M12x1	Standard	21KBKO08DPX	21KBKO08FVX

21KBKO

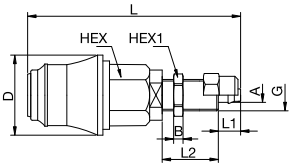
Coupler with valve, with Plastic Hose Connection with a cylindrical cap



A	HEX	L	L1	L2	D	Cap color	References POM	References CHEM
4 x 6	17	56	6	7	21	Red	21KBKO06DPXGR	

21KBKS

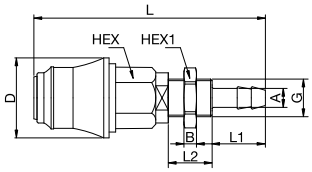
Coupler with valve, Panel Mount with Plastic Hose Connection



A	HEX	HEX1	L	L1	L2	D	B	G	Cap color	References POM	References CHEM
4 x 6	17	14	68	7	18	25.5	4	M10x1	Standard	21KBKS06DPX	
6 x 8	17	17	68	7	18	25.5	4	M12x1	Standard	21KBKS08DPX	21KBKS08FVX

21KBTS

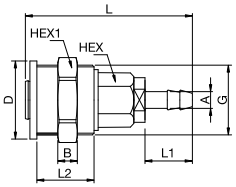
Coupler with valve, Panel Mount with Hose Barb with conical cap



A	HEX	HEX1	L	L1	L2	D	B	G	Cap color	References POM	References CHEM
6	17	14	74	17	14	25.5	4	M10x1	Standard	21KBTS06DPX	

21KBTE

Coupler with valve, Panel Mount for Hose Barb for Front Panel Installation



A	HEX	HEX1	L	L1	L2	D	B	G	Cap color	References POM	References CHEM
4	17	27	60	17	20.5	28	7	M25x1	Standard		21KBTE04FVX
6	17	27	60	17	20.5	28	7	M25x1	Standard	21KBTE06DPX	
8	17	27	60	17	20.5	28	7	M25x1	Standard	21KBTE08DPX	

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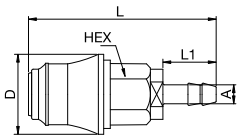
21KBTF

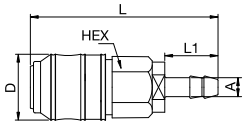
Coupler with valve, Hose Barb with a conical cap



A	HEX	L	L1	D	Cap color	References POM	References CHEM
4	17	60	17	25.5	Standard	21KBTF04DPX	21KBTF04FVX
6	17	60	17	25.5	Standard	21KBTF06DPX	21KBTF06FVX

21KBTF

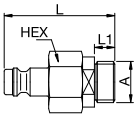
Coupler with valve, Hose Barb with a cylindrical cap



A	HEX	L	L1	D	Cap color	References POM
6	17	60	17	21	Blue	21KBTF06DPXGB
6	17	60	17	21	Red	21KBTF06DPXGR

21SBAW

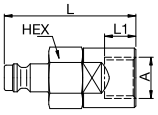
Plug with valve, Male Thread



A	HEX	L	L1	Cap color	References POM	References CHEM
G1/8	17	36	7	Standard	21SBAW10DPX	21SBAW10FVX
G1/8	17	36	7	Blue	21SBAW10DPXB	21SBAW10FVXB
G1/8	17	36	7	Red		21SBAW10FVXR
G1/4	17	38	7	Standard	21SBAW13DPX	21SBAW13FVX

21SBIW

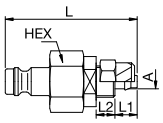
Plug with valve, Female Thread



A	HEX	L	L1	Cap color	References POM	References CHEM
G1/4	17	42	10	Standard	21SBIW13DPX	21SBIW13FVX
G1/4	17	42	10	Blue	21SBIW13DPXB	21SBIW13FVXB
G1/4	17	42	10	Red	21SBIW13DPXR	21SBIW13FVXR

21SBKO

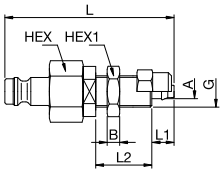
Plug with valve, with Plastic Hose Connection



A	HEX	L	L1	L2	Cap color	References POM	References CHEM
4 x 6	17	42	7	6	Standard	21SBKO06DPX	21SBKO06FVX
6 x 8	17	42	7	6	Standard	21SBKO08DPX	21SBKO08FVX

21SBKS

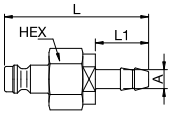
Plug with Valve, Panel mount with Plastic Hose Connection



A	HEX	HEX1	L	L1	L2	B	G	Cap color	References POM
4 x 6	17	14	54	7	18	4	M10x1	Standard	21SBKS06DPX

21SBTF

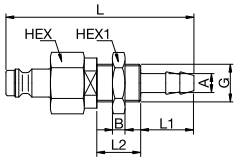
Plug with valve, Hose Barb



A	HEX	L	L1	Cap color	References POM	References CHEM
4	17	46	17	Standard		21SBTF04FVX
6	17	46	17	Standard	21SBTF06DPX	21SBTF06FVX
6	17	46	17	Blue		21SBTF06FVXB
6	17	46	17	Red		21SBTF06FVXR

21SBTS

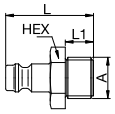
Plug with Valve, Panel mount, Hose Barb



A	HEX	HEX1	L	L1	L2	B	G	Cap color	References CHEM
4	17	14	60	7	14	4	M10x1	Standard	21SBTS04FVX

21SFAW

Plug without valve, Male Thread



A	HEX	L	L1	Cap color	References POM	References CHEM
G1/8	14	25	7	Standard		21SFAW10FXX
G1/8	17	36	7	Red	21SFAW10DPXR	
G1/4	17	28	9	Standard		21SFAW13FXX
G1/4	17	38	7	Red	21SFAW13DPXR	21SFAW13FVXR

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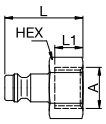
21SFIW

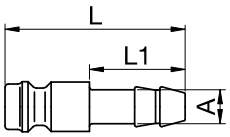
Plug without valve, Male Thread



A	HEX	L	L1	Cap color	References POM	References CHEM
G1/8	14	24	8	Standard		21SFIW10FXX
G1/8	17	36	7	Blue	21SFIW10DPXB	21SFIW10FVXB
G1/8	17	36	7	Red	21SFIW10DPXR	21SFIW10FVXR
G1/4	17	25	9	Standard	21SFIW13DXX	
G1/4	17	25	9	Blue	21SFIW13DXXB	21SFIW13FXXB
G1/4	17	25	9	Red	21SFIW13DXXR	

21SFTF

Plug without valve, Hose Barb



A	L	L1	Cap color	References POM	References CHEM
4	32	17	Standard	21SFTF04DXX	21SFTF04FXX
6	32	17	Standard	21SFTF06DXX	21SFTF06FXX

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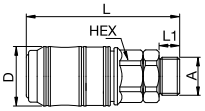
48KBAW

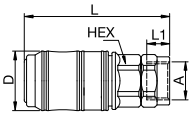
Coupler with valve, Male Thread



A	HEX	L	L1	D	Cap color	References POM	References CHEM	References CHEM +
G1/4	21	70.5	9	26	Standard	48KBAW13DPX	48KBAW13FVX	
G1/4	21	70.5	9	26	Blue	48KBAW13DPXB		
G3/8	21	67	9	26	Standard	48KBAW17DPX	48KBAW17FVX	
G1/2	21	73.5	12	26	Standard	48KBAW21DPX	48KBAW21FVX	48KBAW21FVP

48KBIW

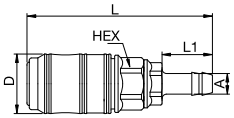
Coupler with valve, Female Thread



A	HEX	L	L1	D	Cap color	References POM	References CHEM	References CHEM +
G1/4	21	63.5	10	26	Standard	48KBIW13DPX	48KBIW13FVX	48KBIW13FVP
G1/4	21	63.5	10	26	Red	48KBIW13DPXR		
G1/4	21	63.5	10	26	Blue	48KBIW13DPXB		
G3/8	21	63.5	13	26	Standard	48KBIW17DPX	48KBIW17FVX	48KBIW17FVP
G3/8	21	63.5	13	26	Red	48KBIW17DPXR		
G3/8	21	63.5	13	26	Blue	48KBIW17DPXB		
G1/2	21	74.5	13	26	Standard	48KBIW21DPX	48KBIW21FVX	48KBIW21FVP
G1/2	21	74.5	13	26	Red		48KBIW21FVXR	
G1/2	21	74.5	13	26	Blue		48KBIW21FVXB	

48KBTF

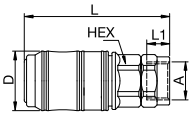
Coupler with valve, Hose Barb



A	HEX	L	L1	D	Cap color	References POM	References CHEM	References CHEM +
4	21	74	71	26	Standard			48KBTF04FVP
6	21	81	22	26	Standard	48KBTF06DPX		48KBTF06FVP
9	21	81	22	26	Standard	48KBTF09DPX	48KBTF09FVX	48KBTF09FVP
13	21	84	25	26	Standard	48KBTF13DPX	48KBTF13FVX	

48KFIW

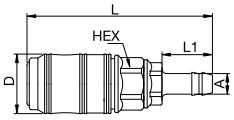
Coupler without valve, Female Thread



A	HEX	L	L1	D	Cap color	References POM	References CHEM
G3/8	21	63.5	13	26	Standard	48KFIW17DPX	48KFIW17FVX

48KFTF

Coupler without valve, Hose Barb



A	HEX	L	L1	D	Cap color	References CHEM +
4	21	74	71	26	Standard	48KFTF04FVP
6	21	81	22	26	Standard	48KFTF06FVP
9	21	81	22	26	Standard	48KFTF09FVP

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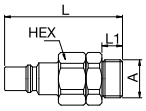
48SBAW

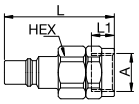
Plug with valve, Male Thread



A	HEX	L	L1	Cap color	References POM	References CHEM	References CHEM +
G1/4	21	55	9	Standard	48SBAW13DPX	48SBAW13FVX	48SBAW13FVP
G1/4	21	55	9	Red	48SBAW13DPXR		
G3/8	21	51.5	9	Standard	48SBAW17DPX	48SBAW17FVX	48SBAW17FVP
G3/8	21	51.5	9	Red			48SBAW17FVPR
G1/2	21	58	12	Standard	48SBAW21DPX	48SBAW21FVX	48SBAW21FVP
G1/2	21	58	12	Red		48SBAW21FVXR	

48SBIW

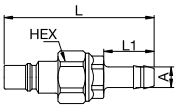
Plug with valve, Female Thread



A	HEX	L	L1	Cap color	References POM	References CHEM	References CHEM +
G1/4	21	48	10	Standard	48SBIW13DPX	48SBIW13FVX	
G1/4	21	48	10	Red	48SBIW13DPXR		
G1/4	21	48	10	Blue	48SBIW13DPXB		
G3/8	21	48	10	Standard	48SBIW17DPX	48SBIW17FVX	48SBIW17FVP
G3/8	21	48	10	Red	48SBIW17DPXR		
G3/8	21	48	10	Blue	48SBIW17DPXB		
G1/2	21	59	13	Standard	48SBIW21DPX	48SBIW21FVX	48SBIW21FVP

48SBTF

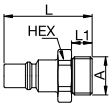
Plug with valve, Hose Barb



A	HEX	L	L1	Cap color	References POM	References CHEM	References CHEM +
6	21	65.5	22	Standard	48SBTF06DPX	48SBTF06FVX	
9	21	65.5	22	Standard	48SBTF09DPX	48SBTF09FVX	
9	21	65.5	22	Blue		48SBTF09FVXB	
13	21	68.5	25	Standard	48SBTF13DPX	48SBTF13FVX	48SBTF13FVP

48SFAW

Plug without valve, Male Thread



A	HEX	L	L1	Cap color	References POM	References CHEM
G1/4	17	38.5	9	Standard	48SFAW13DXX	
G3/8	21	38.5	9	Standard	48SFAW17DXX	48SFAW17FXX

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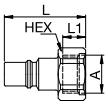
48SFIW

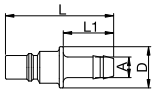
Plug without valve, Female Thread



A	HEX	L	L1	Cap color	References POM	References CHEM
G1/4	21	48	10	Red	48SFIW13DPXR	48SFIW13FVXR
G3/8	21	35.5	10	Standard	48SFIW17DXX	48SFIW17FXX
G3/8	21	35.5	10	Red	48SFIW17DXXR	48SFIW17FXXR
G1/2	24	41.5	12	Standard	48SFIW21DXX	

48SFTF

Plug without valve, Hose Barb



A	L	L1	D	Cap color	References POM	References CHEM
6	47	22	18	Standard		48SFTF06FXX
9	47	22	18	Standard	48SFTF09DXX	48SFTF09FXX
13	50	25	18	Standard	48SFTF13DXX	

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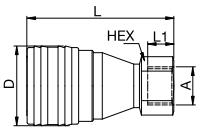
70KBIW

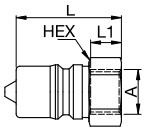
Coupler with valve, Female Thread



A	HEX	L	L1	D	References POM
G1/4	19	57.5	10	29	72KBIW13DPX
G3/8	22	64	11.5	35	73KBIW17DPX
G1/2	27	76	16	44.5	74KBIW21DPX
G3/4	34	96	24	55	75KBIW26DPX
G1	41	105.5	24	62	76KBIW33DPX

70SBIW

Plug with valve, Female Thread



A	HEX	L	L1	References POM
G1/4	19	35	10	72SBIW13DPX
G3/8	22	39	11.5	73SBIW17DPX
G1/2	27	48	16	74SBIW21DPX
G3/4	36	60	24	75SBIW26DPX
G1	41	56	24	76SBIW33DPX

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FLAT FACE COUPLERS

Flat Face (or anti-pollution) couplers have no retention area between the coupler and the plug. This design prevents dripping when disconnected, making it ideal for aggressive fluids and clean environments such as cooling applications.

Technical specifications

Fluids: industrial water with or without glycol

Operating pressure: up to 15 bar (8 bar series 21)

Operating temperature:
-20°C to +100°C (NBR),
-40°C to +150°C (EPDM),
-15°C to +200°C (FKM)

Functions: KL

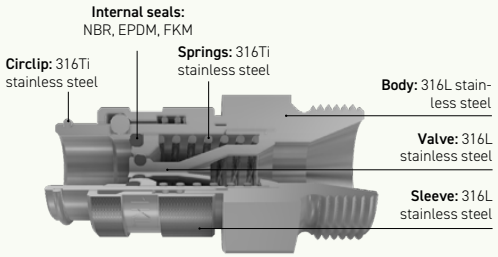
Regulations: RoHS, REACh

Nominal diameter (mm)	Profile	Flow rate (NL/min)*	Series coupler	Plugs series
4	Rectus	4.5	204	204
5	EURO	2.7	21	21
6	Rectus	8.9	206	206
7.8	EURO	7.1	25	25
9	Rectus	27	209	209

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

Performance depends on the fluids, materials and tube used.

Components materials



Recommended applications

Watertight connection in the cooling circuits of laser cutting machines

Benefits

- **Flat-face design at the coupler/plug junction:**
  - Elimination of dripping during disconnection, ensuring safety and cleanliness in sensitive environments.
  - No air pockets at the connection, preserving the quality of the fluid and ensuring its integrity.

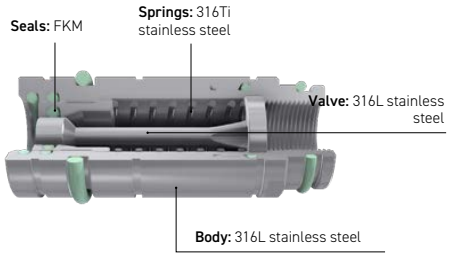
VERSION **FLAT FACE CARTRIDGE**

Nominal diameter (mm)	Profile	Flow rate (NL/min)*	Series coupler	Plugs series
3	Rectus	1.2	203	203
4	Rectus	4.5	204	204
6	Rectus	8.9	206	206
9	Rectus	27	209	209

** Inlet pressure at 6 bar, pressure drop of 0.5 bar.*

Performance depends on the fluids, materials and tube used.

Components materials



Benefits

- **Compatible with plate or modular press mounting,** optimising the available space.
- **Allows different diameters to be combined** within the same assembly, for greater flexibility in machine design.

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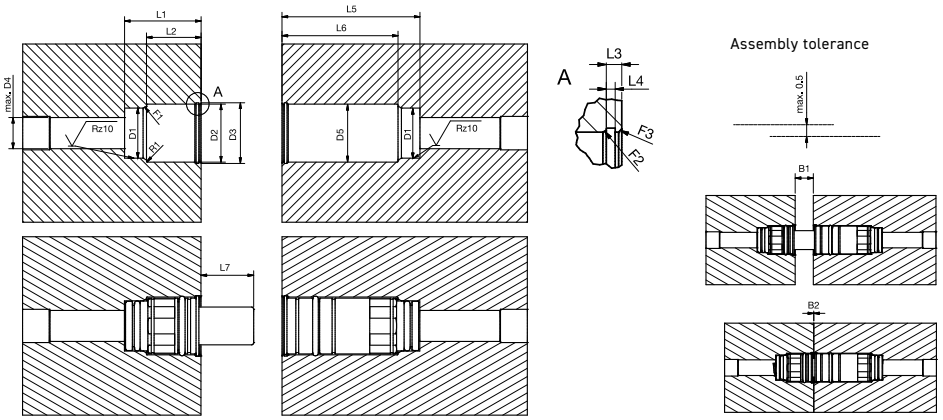
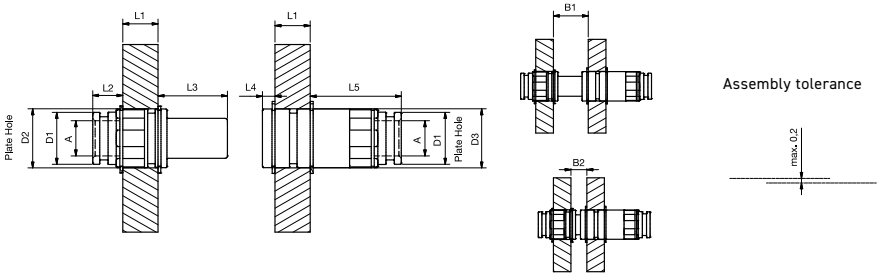
Technical specifications for plate and housing assemblies

Block assembly



DN mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	L7 mm	D1 mm	D2 mm	D3 mm	D4 max. mm	D5 mm	R1 max. mm	F1	F2	F3	B1	B2
3	20.10	15.00	2.10	1.10	23.60	18.50	8.75	10.00	12.00	12.50	8.00	12.00	0.50	0.8x30°	–	0.5x45°	5.00	0
4	29.00	22.50	2.10	1.10	37.80	31.35	13.00	14.00	17.00	17.80	10.00	17.00	0.50	1.2x30°	0.5x30°	0.5x45°	8.65	0
6	34.25	26.65	2.10	1.10	55.80	48.20	17.00	18.50	22.00	23.00	12.00	22.00	0.50	1.3x30°	0.5x30°	0.5x45°	11.40	0
9	33.80	24.30	2.30	1.30	61.30	51.80	23.60	22.50	26.00	27.20	14.00	26.00	0.50	1.5x30°	0.5x30°	0.5x45°	16.30	0
12	44.00	34.40	2.30	1.30	73.20	63.60	25.80	28.00	31.00	32.70	16.00	33.00	0.50	1.5x30°	0.8x30°	0.5x45°	15.80	0
19	53.15	41.50	3.15	1.85	80.20	68.50	29.25	33.00	42.00	44.50	23.00	45.00	1.50	1.5x30°	1.0x30°	0.8x45°	20.30	0

Plate assembly



DN mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	D1 mm	D2 mm	D3 mm	Connection A	B1	B2
3	5.00	11.00	12.75	5.50	11.00	9.80	11.2	11.2	G 1/16	16.70	11.70
4	15.00	9.80	17.20	5.50	15.35	13.80	16.2	16.2	G 1/8	20.50	12.70
6	15.00	13.15	23.00	5.50	33.20	18.30	21.2	21.2	G 1/4	25.00	13.50
9	15.00	12.80	29.60	5.30	38.80	22.30	25.2	25.2	G 3/8	29.80	13.50
12	15.00	22.90	31.80	5.30	50.60	27.80	30.2	32.2	G 1/2	29.40	12.30
19	15.00	32.00	35.40	4.40	57.60	32.80	41.2	44.2	G 3/4	33.85	12.30

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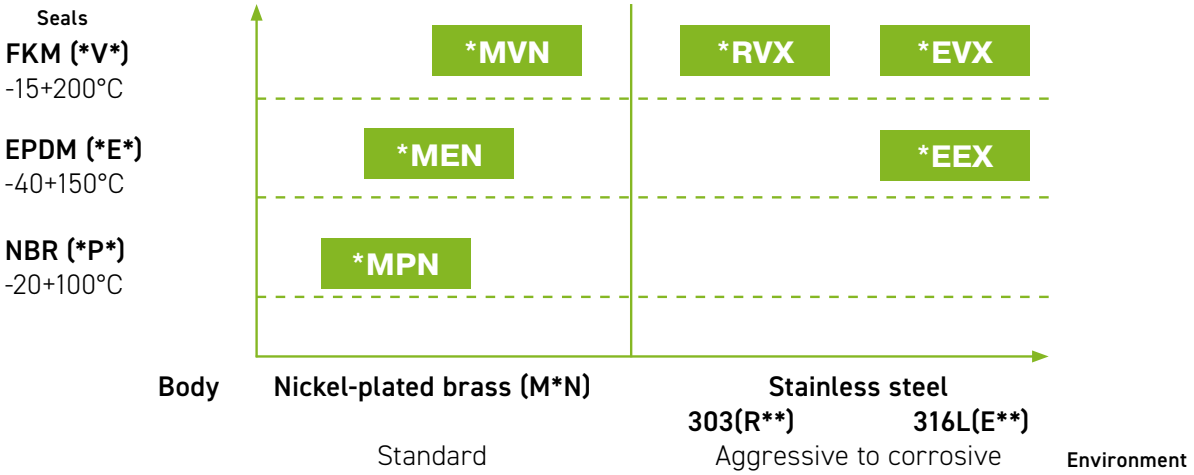
SELECTION GUIDE

Reminder of the part number identification

e.g. 21KLIW13**EEX**



204KLAW

Coupler with valve, Male Thread

Nickel-plated brass or stainless steel, EPDM, FKM

Scan for more dimensions

DN	A	References
4	G1/8	204KLAW10MEN
	G1/8	204KLAW10EEX
	G1/8	204KLAW10EVX
	G1/4	204KLAW13MEN
	G1/4	204KLAW13EVX

204KLIW

Coupler with valve, Female Thread

Nickel-plated brass or stainless steel, EPDM, FKM

Scan for more dimensions

DN	A	References
4	G1/8	204KLIW10MEN
	G1/8	204KLIW10MVN
	G1/8	204KLIW10EVX
	G1/4	204KLIW13MEN
	G1/4	204KLIW13EVX

204SLAW

Plug with valve, Male Thread

Nickel-plated brass or stainless steel, EPDM, FKM

Scan for more dimensions

DN	A	References
4	G1/8	204SLAW10MEN
	G1/8	204SLAW10EEX
	G1/8	204SLAW10EVX
	G1/4	204SLAW13MEN
	G1/4	204SLAW13EVX

204SLIW

Plug with valve, Female Thread

Nickel-plated brass or stainless steel, EPDM, FKM

Scan for more dimensions

DN	A	References
4	G1/8	204SLIW10MEN
	G1/8	204SLIW10MVN
	G1/8	204SLIW10EEX
	G1/8	204SLIW10EVX
	G1/4	204SLIW13MEN
	G1/4	204SLIW13EVX

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21KLAW
Coupler with valve, Male Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21KLAW10MPN
G1/4	21KLAW13MPN
	21KLAW13RVX
G3/8	21KLAW17MPN
	21KLAW17MEN
	21KLAW17MVN
	21KLAW17RVX
	21KLAW17EVX

21KLIW
Coupler with valve, Female Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21KLIW10MPN
	21KLIW10MEN
	21KLIW10MVN
	21KLIW10RVX
	21KLIW10EEX
	21KLIW10EVX
G1/4	21KLIW13MPN
	21KLIW13RVX
	21KLIW13EEX
	21KLIW13EVX
G3/8	21KLIW17MPN
	21KLIW17EVX

21KLKO
Coupler with valve, with Plastic Hose Connection

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

A	References
4 x 6	21KLKO06MPN
	21KLKO06MEN
	21KLKO06RVX
	21KLKO06EVX
6 x 8	21KLKO08MPN
	21KLKO08MVN
	21KLKO08RVX
	21KLKO08EEX
	21KLKO08EVX

21KLKS
Coupler with valve, with Plastic Hose Connection

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

A	References
4 x 6	21KLKS06MPN
	21KLKS06MEN
	21KLKS06EVX
6 x 8	21KLKS08RVX

21KLTF
Coupler with valve, Hose Barb

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

A	References
4	21KLTF04MVN
6	21KLTF06MPN
	21KLTF06MEN
	21KLTF06RVX
	21KLTF06EVX
8	21KLTF08MVN
	21KLTF08EVX
9	21KLTF09MPN
10	21KLTF10EVX

21KLTS
Coupler with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR, EPDM

Scan for more dimensions

A	References
4	21KLTS04MPN
	21KLTS04MEN
5	21KLTS05MPN
6	21KLTS06MPN
	21KLTS06MEN

21KLKK
Coupler with valve, with Plastic Hose Connection with Spring Guard

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

A	References
6 x 8	21KLKK08RVX

21SLAK
Plug with valve, Male Thread

Nickel-plated brass, EPDM

Scan for more dimensions

A	References
R1/4	21SLAK13MEN

21SLAN
Plug with valve, Male Thread

Stainless steel, FKM

Scan for more dimensions

A	References
1/4"	21SLAN13RVX
	21SLAN13EVX

21SLAO
Plug with valve, Male Thread

Nickel-plated brass, EPDM

Scan for more dimensions

A	References
G1/8	21SLAO10MEN

21SLAW
Plug with valve, Male Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21SLAW10MPN
	21SLAW10MEN
	21SLAW10MVN
	21SLAW10EEX
	21SLAW10EVX
	21SLAW10RVX
G1/4	21SLAW13MPN
	21SLAW13MEN
	21SLAW13EVX
	21SLAW13RVX
G3/8	21SLAW17MPN
	21SLAW17EVX

21SLIW
Plug with valve, Female Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/8	21SLIW10MPN
	21SLIW10MEN
	21SLIW10RVX
	21SLIW10EVX
G1/4	21SLIW13MPN
	21SLIW13MEN
G3/8	21SLIW17EVX

21SLKK
Plug with valve, Plastic Hose Connection with Spring Guard

Nickel-plated brass, NBR

Scan for more dimensions

A	References
6 x 8	21SLKK08MPN

21SLKO
Plug with valve, with Plastic Hose Connection

Nickel-plated brass or stainless steel, NBR, FKM

Scan for more dimensions

A	References
4 x 6	21SLKO06MPN
	21SLKO06RVX
	21SLKO06EVX
6 x 8	21SLKO08MPN
	21SLKO08RVX
	21SLKO08EVX

21SLKS
Plug with valve, Panel Mount with Plastic Hose Connection

Nickel-plated brass or stainless steel, NBR, FKM

Scan for more dimensions

A	References
4 x 6	21SLKS06MPN
	21SLKS06RVX
6 x 8	21SLKS08MPN
	21SLKS08RVX

21SLTF
Plug with valve, Hose Barb

Nickel-plated brass or stainless steel, NBR, FKM

Scan for more dimensions

A	References
6	21SLTF06MPN
	21SLTF06MVN
	21SLTF06RVN
	21SLTF06EVX
8	21SLTF08RVX
9	21SLTF09MPN
	21SLTF09EVX
10	21SLTF10MPN

21SLTS
Plug with valve, Panel Mount with Hose Barb

Nickel-plated brass, NBR

Scan for more dimensions

A	References
5	21SLTS05MPN
6	21SLTS06MPN

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206KLAW

Coupler with valve, Male Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

DN	A	References
6	G3/8	206KLAW17MPN
	G3/8	206KLAW17MEN
	G3/8	206KLAW17EEX
	G3/8	206KLAW17EVX
	G1/2	206KLAW21MPN
	G1/2	206KLAW21EVX

206KLIW

Coupler with valve, Female Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

DN	A	References
6	G3/8	206KLIW17MPN
	G3/8	206KLIW17MEN
	G3/8	206KLIW17MVN
	G3/8	206KLIW17EEX
	G3/8	206KLIW17EVX
	G1/2	206KLIW21MPN
	G1/2	206KLIW21EVX

206SLAW

Plug with valve, Male Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

DN	A	References
6	G3/8	206SLAW17MPN
	G3/8	206SLAW17MEN
	G3/8	206SLAW17MVN
	G3/8	206SLAW17EEX
	G3/8	206SLAW17EVX
	G1/2	206SLAW21MPN
	G1/2	206SLAW21EEX
	G1/2	206SLAW21EVX

206SLIW

Plug with valve, Female Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

DN	A	References
6	G3/8	206SLIW17MPN
	G3/8	206SLIW17MEN
	G3/8	206SLIW17EVX
	G1/2	206SLIW21MPN
	G1/2	206SLIW21EVX

25KLAK

Coupler with valve, Male Thread

Nickel-plated brass, NBR, EPDM

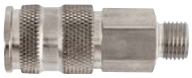
Scan for more dimensions

A	References
R1/4	25KLAK13MPN
	25KLAK13MEN
	25KLAK13MVN
R3/8	25KLAK17MPN

25KLAW

Coupler with valve, Male Thread

Stainless steel, FKM



Scan for more dimensions

A	References
	25KLAW13RVX
G1/4	25KLAW13EVX
	25KLAW17RVX
G3/8	25KLAW17EVX
G1/2	25KLAW21RVX
	25KLAW21EVX

25KLIW

Coupler with valve, Female Thread

Nickel-plated brass or stainless steel, NBR, FKM

Scan for more dimensions

A	References
G1/4	25KLIW13MPN
	25KLIW13RVX
	25KLIW13EVX
G3/8	25KLIW17MPN
	25KLIW17RVX
	25KLIW17EVX
G1/2	25KLIW21MPN
	25KLIW21BVN
	25KLIW21RVX
	25KLIW21EVX

25KLKO

Coupler with valve, with Plastic Hose Connection

Nickel-plated brass, EPDM

Scan for more dimensions

A	References
6 x 8	25KLKO08MEN

25KLTF

Coupler with valve, Hose Barb

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

A	References
6	25KLTF06MPN
8	25KLTF08BPN
	25KLTF08RVX
9	25KLTF09MPN
	25KLTF09RVX
	25KLTF09EVX
10	25KLTF10MPN
13	25KLTF13MPN
	25KLTF13MEN
	25KLTF13RVX
	25KLTF13EVX

25SLAK

Plug with valve, Male Thread

Nickel-plated brass, EPDM

Scan for more dimensions

A	References
R1/4	25SLAK13MEN

25SLAW

Plug with valve, Male Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

A	References
G1/4	25SLAW13MPN
	25SLAW13MVN
	25SLAW13RVX
	25SLAW13EVX
G3/8	25SLAW17MPN
	25SLAW17MEN
	25SLAW17RVX
	25SLAW17EVX
G1/2	25SLAW21MPN
	25SLAW21RVX
	25SLAW21EVX

25SLIW

Plug with valve, Female Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

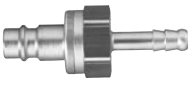
Scan for more dimensions

A	References
G1/4	25SLIW13MPN
	25SLIW13RVX
	25SLIW13EVX
G3/8	25SLIW17MPN
	25SLIW17RVX
	25SLIW17EVX
G1/2	25SLIW21MVN
	25SLIW21REX
	25SLIW21RVX
	25SLIW21EVX

25SLTF

Plug with valve, Hose Barb

Nickel-plated brass or stainless steel, NBR, FKM



Scan for more dimensions

A	References
8	25SLTF08RVX
9	25SLTF09RVX
10	25SLTF10MPN
13	25SLTF13EVX

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209KLIW

Coupler with valve, Female Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

DN	A	References
9	G1/2	209KLIW21MPN
	G1/2	209KLIW21MEN
	G1/2	209KLIW21EEX
	G1/2	209KLIW21EVX
	G3/4	209KLIW26MPN
	G3/4	209KLIW26MEN
	G3/4	209KLIW26EVX

209SLIW

Plug with valve, Female Thread

Nickel-plated brass or stainless steel, NBR, EPDM, FKM

Scan for more dimensions

DN	A	References
9	G1/2	209SLIW21MPN
	G1/2	209SLIW21MEN
	G1/2	209SLIW21EEX
	G1/2	209SLIW21EVX
	G3/4	209SLIW26MPN
	G3/4	209SLIW26MEN
	G3/4	209SLIW26EVX

DRY-BREAK-CARTRIDGE COUPLINGS VERSIONS

200KLIWEK

Coupler with valve, Female Thread

Stainless steel AISI 316 L, FKM

Scan for more dimensions

DN	A	References
3	G1/16	203KLIW08EVXEK
4	G1/8	204KLIW10EVXEK
6	G1/4	206KLIW13EVXEK
9	G3/8	209KLIW17EVXEK

200SLIWEK

Plug with valve, Female Thread

Stainless steel AISI 316 L, FKM

Scan for more dimensions

DN	A	References
3	G1/16	203SLIW08EVXEK
4	G1/8	204SLIW10EVXEK
6	G1/4	206SLIW13EVXEK
9	G3/8	209SLIW17EVXEK

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05

HISTORICAL EXPERTISE

For 90 years, Legris valves have been recognised for their quality thanks to the design of their wear compensation seal, which guarantees the product's long-lasting watertightness.

CONSISTENT QUALITY

Legris valves guarantee performance and reliability thanks to controlled manufacturing processes and rigorous quality controls, ensuring optimal use of your installations.

A WIDE RANGE OF PRODUCTS AT YOUR FINGERTIPS

Three technologies are available to meet the needs of standard to the most demanding applications and are accessible through our distribution network.

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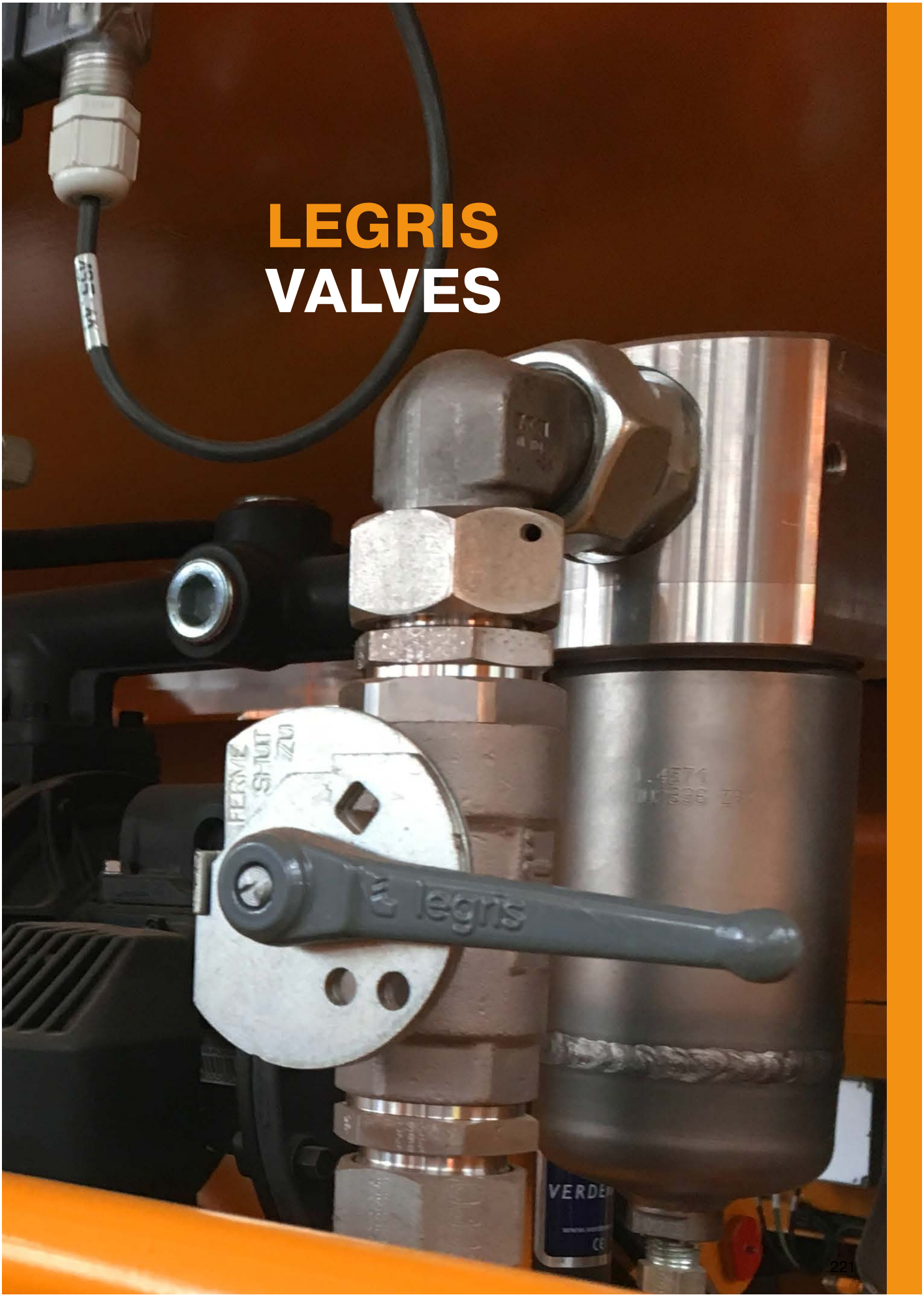

LEGRIS VALVES

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PRODUCTS OFFER

LEGRIS VALVES			Connection	Fluids	Materials (body/seal)	Maximum operating pressure (bar)	Temperature Min.	Temperature Max.	PAGE
Ball valves **LONG-HANDLED**		**Valves**	G1/8 to G1	Compressed air and neutral gases Industrial water and treated water Oils and lubricants	Nickel-plated brass/NBR	40	-20°C	+80°C	**226**
		High-temperature valves	G1/4 to G2 G1/4 to G1 Rp1/4 to Rp2	Compressed air Industrial water and treated water	Nickel-plated brass/PTFE or 316L stainless steel/PTFE	140	-20°C	+170°C	**232**
Ball valves **SHORT HANDLE**	POLYMERS	**Mini valves**	G1/8 to G1/2	Compressed air and neutral gases	Nickel-plated brass/NBR engineering polymer	10	-20°C	+80°C	**234**
	POLYMERS	**LIQUIfit® valves**	NPTF1/4 to NPTF3/8	Industrial water and treated water	Polypropylene/ EPDM	10	-10°C	+95°C	**235**
	METALLIC	**Brass valves**	G1/4 to G3/4	Compressed air and neutral gases	Raw stamped brass	12	-20°C	+80°C	**239**
	METALLIC	**Treated brass valves**	G1/4 to G1	Compressed air and neutral gases, industrial water	Nickel-plated brass, NBR Nickel-plated brass/PTFE	30	-20 °C	+90°C	**238**
	METALLIC	**Stainless steel valves**	G1/4 to G1/2	Compressed air and neutral gases Industrial water Oils and lubricants	303 stainless steel/PTFE	20	-20°C	+120°C	**239**
Ball valves **SPECIFIC**		**Combustible gas valves (DVGW)**	G1/4 to G2	Combustible gases	Nickel-plated brass/PTFE and FKM	40	-40°C	+170°C	**242**
		Oxygen Valves	Olive from 10 to 22 mm	Technical gases	Nickel-plated brass/EPDM	12	-20°C	+80°C	**244**
Needle valves **VALVES**		**Needle valves**	G1/8 to G1/2 M10x1 to M16x1.5	Compressed air Industrial water	Nickel-plated brass or 316L stainless steel/ PTFE	400	-20°C	+180°C	**246**
Axial **VALVES**		**Axial valves**	Rp3/8 to Rp2	Compressed air and neutral gases Industrial water Oils and lubricants	Nickel-plated brass/FKM or EPDM	10	-20°C	+150°C	**248**

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HOW TO CHOOSE YOUR LEGRIS VALVE

What type of fluid do you wish to convey?

Parker offers ranges dedicated to **compressed air and neutral gases**.

Parker presents ranges specifically designed for **water**, including:

- *Industrial water (tap water)*
- *Treated water (deionised, pure and demineralised)*

All our solutions are compatible with glycol mixtures.

Parker also has ranges compatible with **technical gases**:

- *Oxygen, breathing air, carbon dioxide, analytical gases, anaesthetic gases and inert gases.*

Parker offers ranges for **oils and lubricants**.

Do you have any compliance requirements?

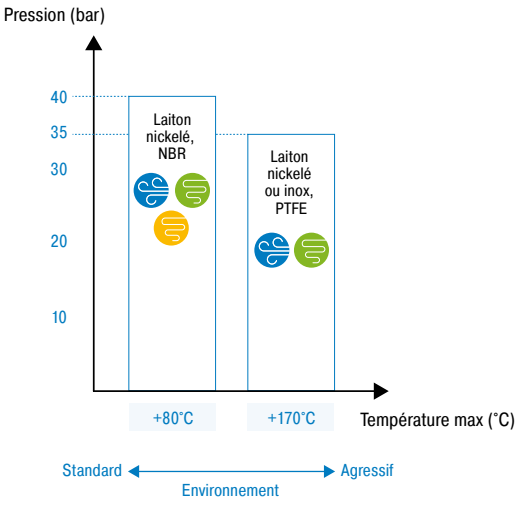
- All our products comply with RoHS and REACh standards.
- Our product ranges dedicated to specific markets, such as food, medical or clean rooms, comply with the relevant regulations.
- The range of specific gas valves (DVGW) complies with the DIN EN 331 standard.
- All our processes comply with ISO 9001 and ISO 14001 standards.

For a complete list of our certificates, *please click here.*

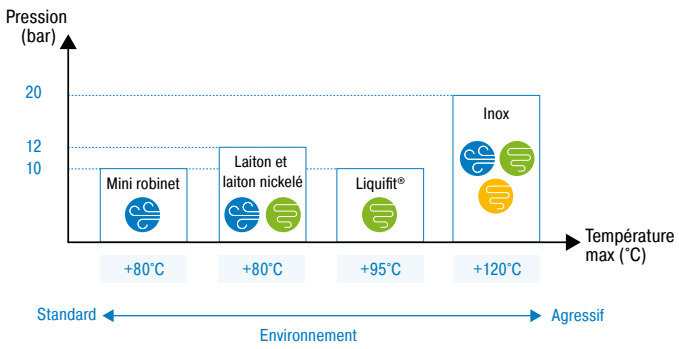
Under what conditions do you use your valve?

Legris valve ranges are designed to withstand a variety of environments.
Below you will find recommended products for conveying air, water and gases according to specific usage constraints.

Long handle



Short handle



VALVE TECHNOLOGIES AND THEIR SPECIAL FEATURES

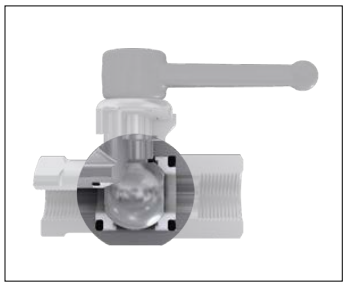
Ball valve

This valve uses a ball with a hole in it that pivots to open or close the fluid pass, providing a quick and reliable seal.

Valve open position

Valve closed position

Legris valves are equipped with **wear compensation seals on the cap** to ensure a long-lasting seal.



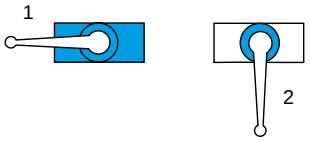
The nitrile seals, assembled under tension, exert constant pressure on the wear compensation o-rings to ensure a tight seal.

Seals can always be dismantled and reassembled using seal kits sold as spare parts.

Vocabulary related to “2/2, 3/2 and 3/3 way” valves

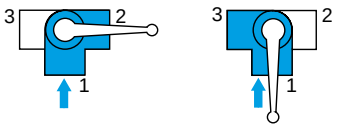
2/2: 2 outputs/2 handle positions

(opening/closing)

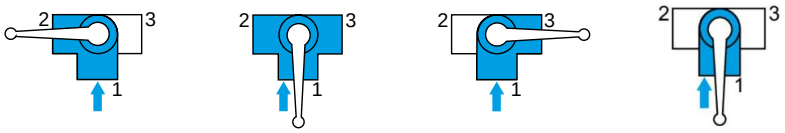


3/2: 3 outputs/2 handle positions

(left pass, right pass, no closed position)



3/3: 3 outputs/3 handle positions



Left pass | Dispensing position | Right pass | Closed position in the middle

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Needle valve

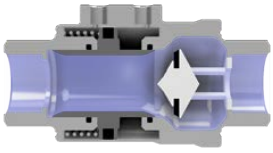
This valve precisely controls the flow rate thanks to a conical rod (needle) that inserts into a seat, allowing for fine and gradual adjustment.

Valve open position

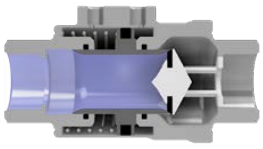
Valve closed position

Axial valve

This valve regulates flow by moving a piston along the axis of the pass, ensuring fluid control and low pressure drop.



Axial valve position open



Axial valve position closed

Part number identification

Each valve is identified by:
- item type (4 digits);
- the nominal diameter;
- the thread code. If the product does not have a thread, the code used is 00.

0402 **04** **10**

Item type

Example:
040x
050x
79xx
//
42xx
BVGx

Nominal diameter

04 = 4 mm
05 = 6 mm
...
40 = 40 mm

Thread code

10 = 1/8"
13 = 1/4"
...
48 = 2"

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LEGRIS VALVES WITH LONG HANDLES

Legris ball valves are equipped with long handles specially designed for easy operation. Available in several diameters and connection types, they are suitable for both standard applications and specific uses.

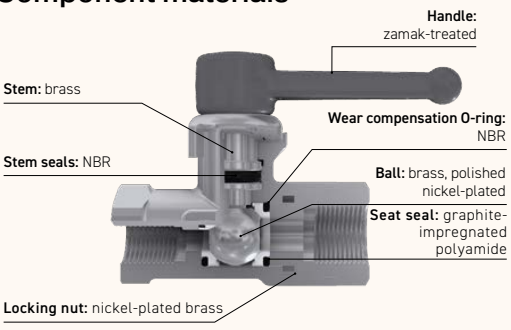
NICKEL-PLATED BRASS STANDARDS VERSIONS

Technical specifications

- **Fluids:** compressed air and other fluids
- **Operating pressure:** 10^{-2} millibar to 40 bar
- **Operating temperature:** -20 to +80°C
- **Nominal diameter (DN):** 4 to 50 mm
- **Connection:** G1/8 to G2
- **Regulations:** RoHS, REACh, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

- **Durability:** valves equipped with wear compensation seals for **long-lasting tightness (not only for water)** of the product.
- **Optimal operation guaranteed down to -40°C**, with no handle operation after installation.
- **Reliability:** all valves are individually tested and then marked to certify that they have been checked and to ensure traceability.
- **Ease of operation**: reduced friction coefficient thanks to graphite-coated polyamide seat seals and nickel-plated brass ball polishing.
- **Numerous versions available:** 2/2, 3/2, 3/3, with vent, lockable, to offer a Legris solution for every application.

Recommended applications

Guaranteed manoeuvrability and reliability over time

VENTED VERSION, **WITH RED HANDLE**

Valves equipped with a vent can be identified by their red handle.

To stop the fluid circulation and vent the circuit, 2 venting systems are provided:
• **threaded vent**, for collecting exhaust fluids
• **pin-hole vent**, usable in all cases where there are no particular constraints
A fluid direction marking indicates the direction of installation.

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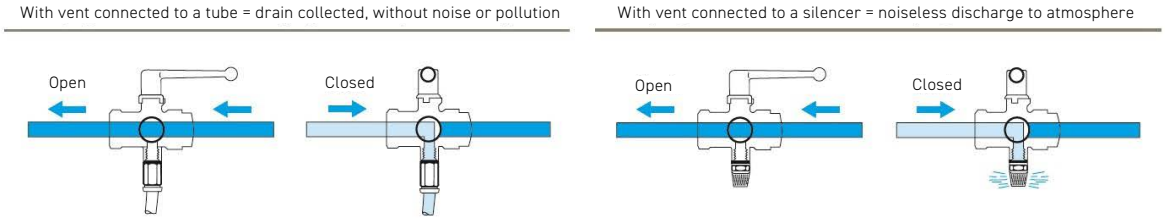
Operating principle



PADLOCKABLE VERSION

To protect your installations from unauthorised tampering, the lockable plate, which is attached to the stem, ensures compliance with the ISO 4414 safety standard.
Locking can be achieved using:
• **1 hook point in open or closed position:** models 0432 and 0439.
Simple locking when only one operator or team needs to lock the valve;
• **1, 2 or 3 attachment points in the closed position:** models 0437 and 0438.
Multiple locking (up to 3 points) when several people need to lock the valve simultaneously, thus ensuring enhanced safety.

Lockable valves are also available with and without vents.

LOCKABLE VERSION

Available with lock nut on BVG4-LOCK and BVG4P-LOCK models (version with vent)

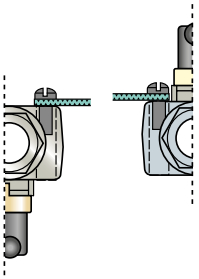
VERSION WITH FIXING SCREWS

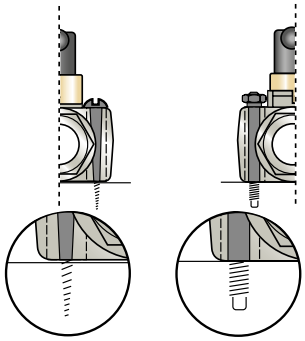
For assembly requiring attachment to sheet metal or a machine frame (model 6402).

On sheet metal plate:
• bulkhead fixing
• rear screw fixing

On frame:
• assemble with bolts

On wooden panel:
• woodscrew fastening





0400

2/2 In-Line Ball Valve, Male BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
4	G1/8	0400 04 10
7	G1/4	0400 07 13
10	G3/8	0400 10 17
13	G1/2	0400 13 21
18	G3/4	0400 18 27

Max. operating pressure: 40 bar

0402

2/2 In-Line Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	0402 04 10
7	G1/8	0402 07 10
	G1/4	0402 07 13
10	G3/8	0402 10 17
13	G1/2	0402 13 21
20	G3/4	0402 20 27
23	G1	0402 23 34
32	G1 1/4	0402 32 42*
	G1 1/2	0402 32 49*
40	G2	0402 40 48*

* CE-marked models
Max. operating pressure: 40 bar

0401

2/2 In-Line Ball Valve, Male/Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	0401 04 10
5	G1/8	0401 05 10
7	G1/4	0401 07 13
10	G3/8	0401 10 17
13	G1/2	0401 13 21
18	G3/4	0401 18 27
23	G1	0401 23 34
32	G1 1/4	0401 32 42*

* CE-marked models
Max. operating pressure: 40 bar

0411

2/2 In-Line Ball Valve with Connections for Use with Steel Tubing

Nickel-plated brass, NBR

Scan for more dimensions

DN	ØD	References
4	6	0411 04 06
6	8	0411 06 08
7	10	0411 07 10
10	12	0411 10 12

Max. operating pressure: 40 bar

0446

2/2 In-Line Panel-Mountable Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	0446 04 10*
7	G1/4	0446 07 13
10	G3/8	0446 10 17
13	G1/2	0446 13 21

Max. operating pressure: 20 bar
* Pour le modèle G1/8, l'épaisseur maximum de la cloison est de 3 mm.

0472

2/2 Right-Angled Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	0472 04 10
6	G1/4	0472 06 13
9	G3/8	0472 09 17
12	G1/2	0472 12 21
18	G3/4	0472 18 27
23	G1	0472 23 34

Max. operating pressure: 20 bar

0471

2/2 Right-Angled Ball Valve, Male/ Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	0471 04 10
6	G1/4	0471 06 13
9	G3/8	0471 09 17
12	G1/2	0471 12 21
18	G3/4	0471 18 27
23	G1	0471 23 34

Max. operating pressure: 20 bar

0482

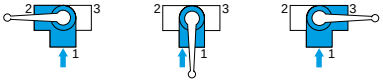
3/3 Right-Angle Ported Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	0482 04 10
6	G1/4	0482 06 13
9	G3/8	0482 09 17
12	G1/2	0482 12 21
18	G3/4	0482 18 27
23	G1	0482 23 34

Max. operating pressure: 20 bar



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0483

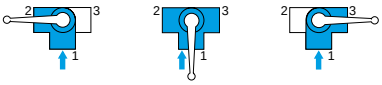
3/3 Right-Angle Ported Ball Valve Without Closed Position, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	0483 04 10
6	G1/4	0483 06 13
9	G3/8	0483 09 17
12	G1/2	0483 12 21
18	G3/4	0483 18 27
23	G1	0483 23 34

Max. operating pressure: 20 bar



0448

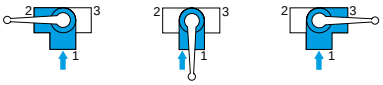
3/3 Panel-Mountable Right-Angled Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	0448 04 10*
6	G1/4	0448 06 13
9	G3/8	0448 09 17
12	G1/2	0448 12 21

Max. operating pressure: 20 bar
* G1/8 model: max. panel thickness = 3 mm.



0452

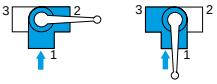
3/2 Panel-Mountable Equal Plane Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	0452 04 10
6	G1/4	0452 06 13

Max. operating pressure: 20 bar



Version with mounting insert

6402

2/2 In-Line Ball Valve for Screw Fixing, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	6402 04 10
7	G1/4	6402 07 13
10	G3/8	6402 10 17
13	G1/2	6402 13 21
20	G3/4	6402 20 27
23	G1	6402 23 34

Max. operating pressure: 40 bar

Exhaust versions

0489

3/2 In-Line Threaded Exhaust Port Ball Valve, Female BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C1	C	References
7	M5x0.8	G1/4	0489 07 13
10	M5x0.8	G3/8	0489 10 17
13	G1/8	G1/2	0489 13 21
18	G1/4	G3/4	0489 18 27
23	G1/4	G1	0489 23 34

Max. operating pressure: 40 bar

0449

3/2 Panel-Mountable In-Line Threaded Exhaust Port Ball Valve, Female BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C1	C	References
7	M5x0.8	G1/4	0449 07 13
10	M5x0.8	G3/8	0449 10 17
13	G1/8	G1/2	0449 13 21

Max. operating pressure: 20 bar

0469

3/2 In-Line Vented Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	0469 04 10
7	G1/4	0469 07 13
10	G3/8	0469 10 17
13	G1/2	0469 13 21
18	G3/4	0469 18 27
23	G1	0469 23 34

Max. operating pressure: 40 bar

0462

3/2 Right-Angled Ball Valve with Vent, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
6	G1/8	0462 06 10
	G1/4	0462 06 13
9	G3/8	0462 09 17
12	G1/2	0462 12 21
18	G3/4	0462 18 27
23	G1	0462 23 34

Max. operating pressure: 20 bar

0461

3/2 Right-Angled Ball Valve with Vent, Male/Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
6	G1/8	0461 06 10
	G1/4	0461 06 13
9	G3/8	0461 09 17
12	G1/2	0461 12 21
18	G3/4	0461 18 27

Max. operating pressure: 20 bar

Lockable versions

0432

2/2 In-Line Lockable Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/8	0432 04 10
7	G1/4	0432 07 13
10	G3/8	0432 10 17
13	G1/2	0432 13 21
20	G3/4	0432 20 27
23	G1	0432 23 34

Max. operating pressure: 40 bar
Non-removable lever, fixed plate and moving plate: zinc-plated steel

0439

3/2 In-line Vented Lockable Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
7	G1/4	0439 07 13
10	G3/8	0439 10 17
13	G1/2	0439 13 21
18	G3/4	0439 18 27
23	G1	0439 23 34

Max. operating pressure: 40 bar
Non-removable lever, fixed plate and moving plate: zinc-plated steel

0438

3/2 Right-Angled 3-Point Lockable Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
9	G3/8	0438 09 17
12	G1/2	0438 12 21
18	G3/4	0438 18 27
23	G1	0438 23 34

Max. operating pressure: 20 bar
Fixed plate: zinc-plated steel, moving plate: zinc-plated steel.
Removable lever: when the valve is installed close to a wall, the lever can be removed and repositioned in the opposite direction to the original assembly.

0436

3/2 In-Line 3-Point Lockable Ball Valve with Threaded Exhaust Port, Female BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C1	C	References
10	M5x0.8	G3/8	0436 10 17
13	G1/8	G1/2	0436 13 21
18	G1/4	G3/4	0436 18 27
23	G1/4	G1	0436 23 34

Max. operating pressure: 40 bar
Non-removable lever, fixed plate and moving plate: zinc-plated steel

0437

3/2 In-line Vented 3-Point Lockable Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
7	G1/4	0437 07 13
10	G3/8	0437 10 17
13	G1/2	0437 13 21
18	G3/4	0437 18 27
23	G1	0437 23 34

Max. operating pressure: 40 bar
Non-removable lever, fixed plate and moving plate: zinc-plated steel

BVG4-LOCK

2/2 In-Line Lockable Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
8	G1/4	BVG4-1/4LOCK
10	G3/8	BVG4-3/8LOCK
15	G1/2	BVG4-1/2LOCK
19	G3/4	BVG4-3/4LOCK
25	G1	BVG4-1LOCK

Dual FPM driver seal and operating temperature from -40°C to +170°C (peak).

BVG4P-LOCK

3/2 In-Line Lockable Vented Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
8	G1/4	BVG4P-1/4LOCK
10	G3/8	BVG4P-3/8LOCK
15	G1/2	BVG4P-1/2LOCK
20	G3/4	BVG4P-3/4LOCK
25	G1	BVG4P-1LOCK

Operating pressure: 14 bar
Operating temperature: -10°C to +100°C

LEGRIS HIGH-TEMPERATURE VALVES WITH LONG HANDLES

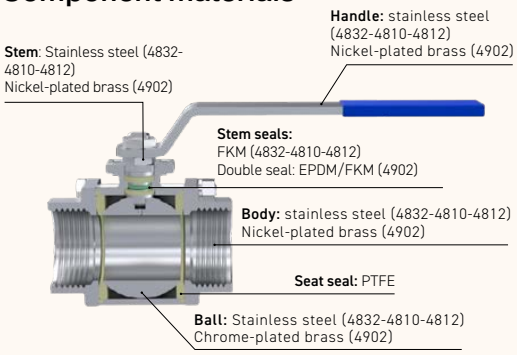
Legris high-temperature ball valves, equipped with PTFE seals, are designed to withstand high temperatures. Available in nickel-plated brass and stainless steel to meet the needs of demanding industrial applications. Made of 316L stainless steel to withstand aggressive fluids in corrosive industrial environments.

Technical specifications

- **Fluids:** Compressed air, industrial water and treated water
- **Operating pressure:** 0 to 140 bar
- **Operating temperature:** -20 to +170°C
- **Nominal diameter (DN):** 8 to 50 mm
- **Connection:** Rp1/4 to Rp2
  G1/4 to G 2
- **Regulations:** RoHS, REACh, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

- **Durability: Stainless steel** valves, recommended for corrosive applications, are equipped with wear compensation **seals that guarantee the longevity of the** product's seal.
- **Modularity:** these Legris valves are available in three models to suit all types of installation (with or without fixing screws, removable model with fixing screws).
- **Economical:** 4902 nickel-plated brass models are recommended for aggressive environments subject to high temperatures.

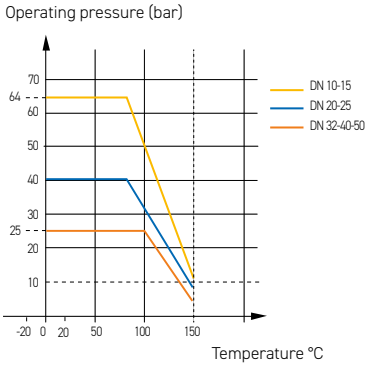
Recommended applications

Specially designed for the most demanding applications

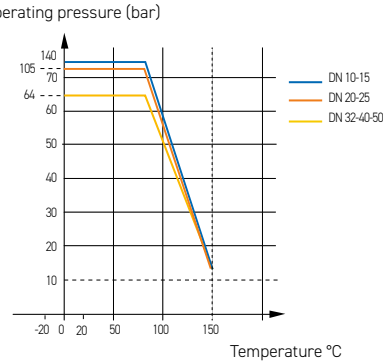
Performance

Pressure and temperature resistance

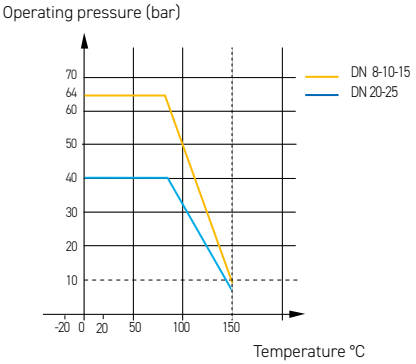
Model 4832



Model 4812



Model 4810



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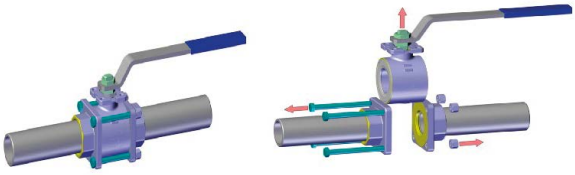
Installation guide for model 4832

Radial dismantling of the valve possible to allow maintenance or replacement of seals:

1- Switch off the power supply to the circuit and depressurise it
2- Remove the screws from the nuts.
3- Remove the body from the top
4- Carry out maintenance



4902

2/2 Standard In-Line Ball Valve, Female BSPP Thread

Nickel-plated brass, PTFE

Scan for more dimensions

DN	C	NP	References
8	G1/4	40	4902 10 13
10	G3/8	40	4902 10 17
15	G1/2	40	4902 15 21
20	G3/4	40	4902 20 27
25	G1	40	4902 25 34
32	G1 1/4	30	4902 32 42*
40	G1 1/2	30	4902 40 49*
50	G2	30	4902 50 48*

* CE-marked models
NP: Nominal pressure

4810

2/2 In-Line Ball Valve, Female BSPP Thread

Stainless steel 316L, PTFE

Scan for more dimensions

DN	C	NP	References
8	G1/4	64	4810 08 13
10	G3/8	64	4810 10 17
15	G1/2	64	4810 15 21
20	G3/4	40	4810 20 27
25	G1	40	4810 25 34

Threads in accordance with ISO 228-1
Threads in accordance with ISO 228/1-G
NP: Nominal pressure

4812

2/2 In-Line Ball Valve with Fixing Plate, Female BSPP Thread

Stainless steel 316L, PTFE

Scan for more dimensions

DN	C	NP	References
10	Rp1/4	140	4812 10 13
	Rp3/8	140	4812 10 17
15	Rp1/2	140	4812 15 21
20	Rp3/4	105	4812 20 27
25	Rp1	105	4812 25 34
32	Rp1 1/4	64	4812 32 42*
40	Rp1 1/2	64	4812 40 49*
50	Rp2	64	4812 50 48*

* CE-marked models
Threads in accordance with ISO 7/1.
NP: Nominal pressure

4832

2/2 In-Line 3-Piece Ball Valve with Fixing Plate, Female BSPP Thread

Stainless steel 316L, PTFE

Scan for more dimensions

DN	C	NP	References
10	Rp1/4	64	4832 10 13**
15	Rp1/2	64	4832 15 21
20	Rp3/4	40	4832 20 27
25	Rp1	40	4832 25 34
32	Rp1 1/4	25	4832 32 42*
40	Rp1 1/2	25	4832 40 49*
50	Rp2	25	4832 50 48*

* CE-marked models
** Without mounting plate
Threads in accordance with ISO 7/1
NP: Nominal pressure

LEGRIS POLYMER VALVES WITH SHORT HANDLES

Legris short-handle valves can be operated effortlessly in confined spaces. Designed with Legris LF instant connection technology, these technical polymer valves combine lightness and quick installation.

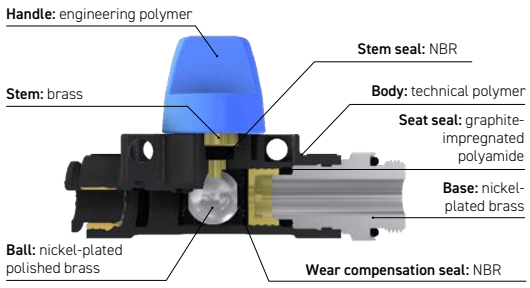
VERSION **FOR COMPRESSED AIR**

Technical specifications

- **Fluid:** compressed air, neutral gases
- **Operating pressure:** 10^{-2} millibar to 10 bar
- **Operating temperature:** -20°C to +80°C
- **Nominal diameter (DN):** 3 to 6 mm
- **Connection:** 4 to 12 mm
  G1/8 to G1/2
- **Regulations:** RoHS, REACH, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

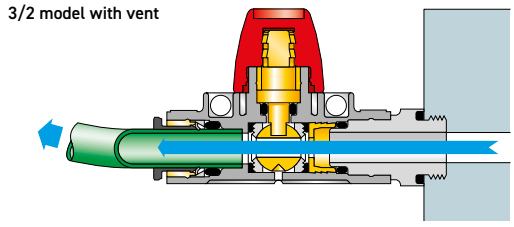
- **Ease of installation:** thanks to LF3000 Push-in connections, these products connect quickly and are easy to install.
- **Durability:** fitted with wear compensation seals to ensure the product's long-lasting tightness.
- **Compactness:** ultra-compact handle with a screwdriver slot for easy manoeuvring in confined spaces.
- **Optimised space:** the fixing clips enable space-saving installation, maximising the use of space on machines.
- **Easy identification:** colour-coded control handle to distinguish between the non-vented version (blue) and the vented version (red).

Recommended applications

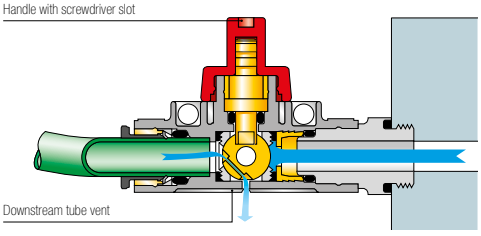
Compact, robust and easy to install in confined spaces

Operating principle

Vented valve, open position



Vented valve, closed position



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VERSION **FOR WATER**

Technical specifications

Fluid: industrial water, treated water with or without glycol.

Operating pressure: 0 to 10 bar at 20°C

Operating temperature: -10°C to +95°C

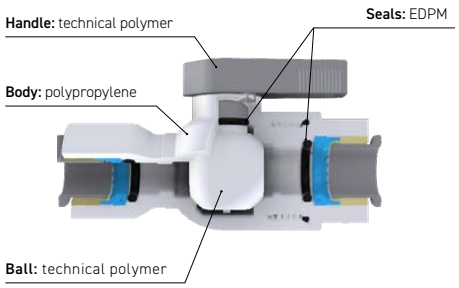
Nominal diameter (DN): 4.83 to 9.40 mm

Connection: Diameter 6 to 12mm
1/4 to 3/8 inch

Regulations: RoHS, REACH, FDA: 21 CFR

Performance depends on the fluid, material and tube used.

Component materials



Benefits

- **Robustness:** polypropylene reinforced with fibreglass for improved mechanical and chemical resistance.
- **Ease of installation:** thanks to LIQUIfit® Push-In connections, these products connect quickly and are easy to install.
- **Safety:** ideal for applications subject to repeated cycles, the absence of a pumping effect eliminates any risk of leakage.

Versions for compressed air

7910
2/2 In-Line Mini-Ball Valve

Technical polymer, NBR

Scan for more dimensions

DN	ØD	References
3	4	7910 04 00
4	6	7910 06 00
	8	7910 08 00
6	10	7910 10 00
	12	7910 12 00

7911
2/2 In-Line Mini-Ball Valve, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	ØD	C	References
4	6	G1/8	7911 06 10
	8	G1/4	7911 08 13
6	10	G3/8	7911 10 17
	12	G1/2	7911 12 21

7913
3/2 In-Line Mini-Ball Valve with Vent

Technical polymer, NBR

Scan for more dimensions

DN	ØD	References
3	4	7913 04 00
4	6	7913 06 00
	8	7913 08 00
6	10	7913 10 00
	12	7913 12 00

7914
3/2 In-Line Mini-Ball Valve with Vent, Male BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	ØD	C	References
4	6	G1/8	7914 06 10
	8	G1/4	7914 08 13
6	10	G3/8	7914 10 17
	12	G1/2	7914 12 21

7000
Joining Clips

Technical polymer

Scan for more dimensions

ØD	References
4	7000 00 04
6-8	7000 00 05
10-12	7000 00 06

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Versions for waters

4020
In-Line Ball Valve

Polypropylene with glass fibers, EPDM

Scan for more dimensions

ØD	References
6	4020 06 00WP2
8	4020 08 00WP2
10	4020 10 00WP2
12	4020 12 00WP2

Inch

ØD	References
1/4	4020 56 00WP2
3/8	4020 60 00WP2

4021
2/2 In-Line Ball Valve, Male NPTF Thread

Polypropylene with glass fibers, EPDM

Inch

Scan for more dimensions

ØD	C	References
1/4	NPTF1/4	4021 56 14WP2
3/8	NPTF3/8	4021 60 18WP2

4023
2/2 In-Line Ball Valve, Female NPTF Thread

Polypropylene with glass fibers, EPDM

Inch

Scan for more dimensions

ØD	C	References
3/8	NPTF3/8	4023 60 18WP2

4022
2/2 Right- Angled Ball Valve, Female NPTF Thread

Polypropylene with glass fibers, EPDM

Inch

Scan for more dimensions

ØD	C	References
1/4	NPTF1/4	4022 56 14WP2

4024
2/2 Right-Angled Ball Valve

Polypropylene with glass fibers, EPDM

Scan for more dimensions

ØD	References
6	4024 06 00WP2
10	4024 10 00WP2

LEGRIS METAL VALVES WITH SHORT HANDLES

▶ Treated brass

Technical specifications

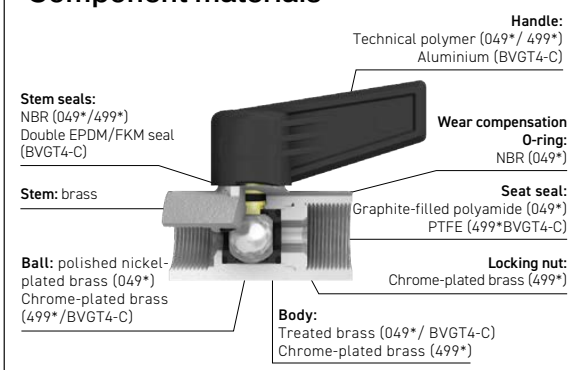
	Models:	0490, 0491 and 0492	BVGT4-C	4991 and 4992
	Materials:	Nickel-plated brass/NBR	Nickel-plated brass/PTFE	Chrome-plated brass/PTFE
	Fluids:	Compressed air, neutral gases, industrial water	Compressed air, neutral gases, industrial water	Compressed air, neutral gases, industrial water
	Operating pressure:	10^{-2} millibar to 12 bar	0 to 30 bar	0 to 30 bar
	Operating temperature:	-20°C to +80°C	-20°C to +170°C	-10°C to +90°C
	Nominal diameter (DN):	4 to 13 mm	8 to 25 mm	6 to 10 mm
	Connection:	G1/4 to G3/4	G1/4 to G1	G1/8 to G1/2
	Regulations:		RoHS, REACH, PED	

Performance depends on the fluids, materials and tube used.

Benefits

- **Robustness:** excellent corrosion resistance thanks to chemical nickel plating.
- **Durability:** fitted with wear compensation O-rings for long-lasting product sealing (models: 0490/0491/0492).
- **Chrome-plated brass finish:** models 4991 and 4992 combine a shiny appearance with corrosion resistance comparable to nickel-plated versions, for applications requiring a high-quality and durable finish.
- **Adaptability:** removable handles to adapt to the piping layout.

Component materials



Recommended applications

Compact, durable and attractive valves suitable for sanitary installations

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▶ Brass

Technical specifications

Fluid: compressed air, neutral gases

Operating pressure: 10^{-2} millibar to 12 bar

Operating temperature: -20°C to +80°C

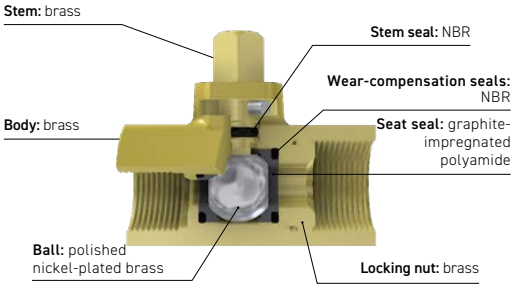
Nominal diameter (DN): 4 to 13 mm

Connection: G1/4 to G3/4

Regulations: RoHS, REACH, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

- **Durability:** fitted with wear-compensating O-rings for perfect sealing throughout the product's lifetime.
- **Safety:** designed without a handle to prevent accidental or unintentional operation.

▶ Stainless steel

Technical specifications

Fluid: air and neutral gases, industrial water, oils and lubricants

Operating pressure: 10^{-2} millibars to 20 bar

Operating temperature: -20°C to +120°C

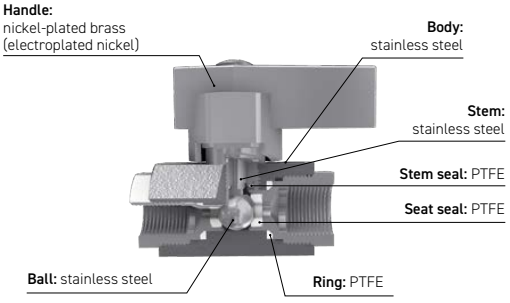
Nominal diameter (DN): 4 to 10 mm

Connection: G1/4 to G1/2

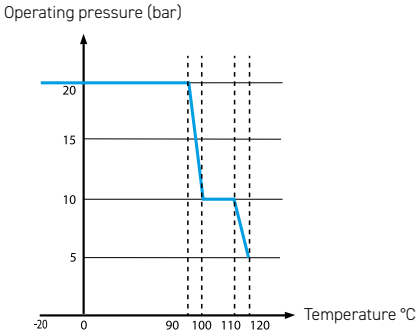
Regulations: RoHS, REACH, PED

Performance depends on the fluid, material and tube used.

Component materials



Performance



Benefits

- **High durability:** all internal metal parts are made of stainless steel and the handle is protected by an autocatalytic nickel plating treatment to withstand corrosive fluids and harsh environments.

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Brass versions

0497
2/2 Ball Valve, Square Stem, Female BSPP Thread

Brass, NBR

Scan for more dimensions

DN	C	References
4	G1/4	0497 04 13
7	G3/8	0497 07 17
10	G1/2	0497 10 21
13	G3/4	0497 13 27

0496
2/2 Ball Valve, Square Stem, Male/ Female BSPP Thread

Brass, NBR

Scan for more dimensions

DN	C	References
4	G1/4	0496 04 13
7	G3/8	0496 07 17
10	G1/2	0496 10 21
13	G3/4	0496 13 27

Nickel-plated brass versions

0492
2/2 In-Line Ball Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/4	0492 04 13
7	G3/8	0492 07 17
10	G1/2	0492 10 21
13	G3/4	0492 13 27

Technical polymer handle

0491
2/2 In-Line Ball Valve, Male/Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/4	0491 04 13
7	G3/8	0491 07 17
10	G1/2	0491 10 21
13	G3/4	0491 13 27

Technical polymer handle

0490
2/2 In-Line Ball Valve, Male BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/4	0490 04 13
7	G3/8	0490 07 17
10	G1/2	0490 10 21
13	G3/4	0490 13 27

Technical polymer handle

0492..64
2/2 In-Line Ball Valve, Short Handle, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/4	0492 04 13 64

Short handle in zamac

0491..64
2/2 In-Line Ball Valve, Short Handle, Male/Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
4	G1/4	0491 04 13 64

Short handle in zamac

BVGT4-C
2/2 Standard In-Line Ball Valve, Female BSPP Thread, Butterfly Handle

Nickel-plated brass, PTFE

Scan for more dimensions

DN	C	References
8	G1/4	BVGT4-1/4C
10	G3/8	BVGT4-3/8C
15	G1/2	BVGT4-1/2C
20	G3/4	BVGT4-3/4C
25	G1	BVGT4-1C

Compact leverDouble stem seal in FPM

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Chromium brass versions

4991

2/2 Standard Compact In-Line Ball Valve, Male/Female BSPP Thread

Chromium brass, PTFE

Scan for more dimensions

DN	C	References
6	G1/8	4991 00 10
8	G1/4	4991 00 13
	G3/8	4991 00 17
10	G1/2	4991 00 21

4992

2/2 Standard Compact In-Line Ball Valve, Female BSPP Thread

Chromium brass, PTFE

Scan for more dimensions

DN	C	References
6	G1/8	4992 00 10
8	G1/4	4992 00 13
	G3/8	4992 00 17
10	G1/2	4992 00 21

Stainless steel versions

0465

2/2 In-Line Light Series Ball Valve, Female BSPP Thread

Stainless steel 316L, PTFE

Scan for more dimensions

DN	C	References
4	G1/4	0465 04 13
7	G3/8	0465 07 17
10	G1/2	0465 10 21

Threads in accordance with ISO 228/1-G

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LEGRIS VALVES

SPECIAL VALVES FOR COMBUSTIBLE GASES

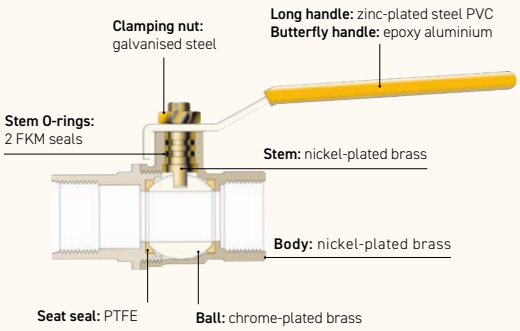
Compliant with DIN EN 331 regulations, these valves are intended for use on gas installations in buildings.

Technical specifications

- **Fluids:** combustible gases
- **Operating pressure:** 0 to 40 bar
- **Operating temperature:** -40°C to +170°C
- **Nominal diameter (DN):** 8 to 50 mm
- **Connection:** G1/4 to G2
- **Regulations:** RoHS, REACH, PED
  DIN DVGW (Germany) – MOP 5B 0.1
  DIN EN 331

Performance depends on the fluid, material and tube used.

Component materials



Benefits

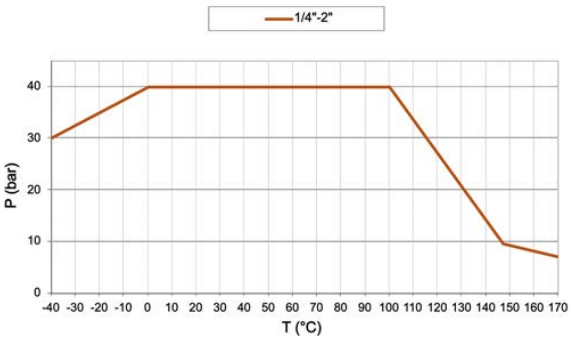
- **Safety:** anti-ejection stem to prevent accidents in the event of overpressure.
- **Reliability:** double seals on the stem for improved tightness.
- **Robustness:** chemical nickel plating for increased corrosion resistance.

Recommended applications

Compliant valves for industrial boiler rooms

Performance

Pressure and temperature resistance



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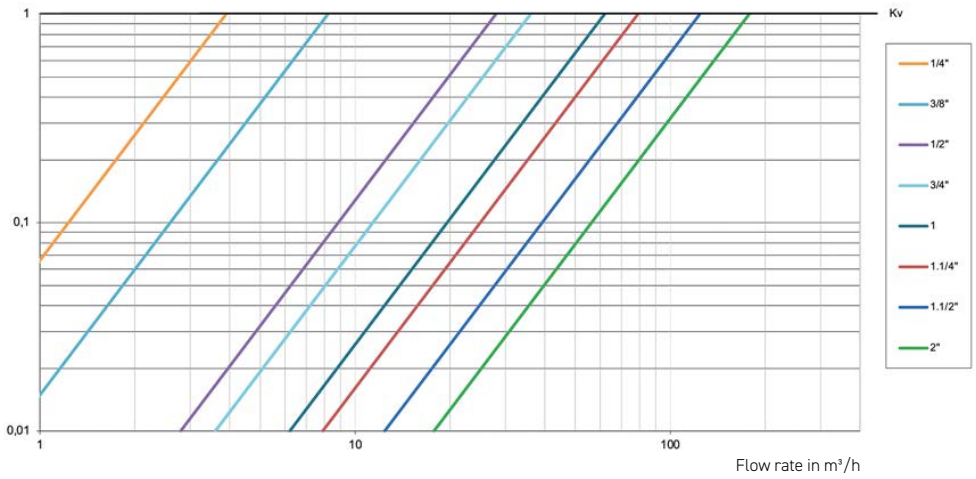
Pressure drop

Pressure drop in bar



Flow rate in m³/h

BVG4-L

2/2 In-Line Ball Valve, Female BSPP Thread

Nickel-plated brass, PTFE

Scan for more dimensions

DN	C	References
8	G1/4	BVG4-1/4L
10	G3/8	BVG4-3/8L
15	G1/2	BVG4-1/2L
20	G3/4	BVG4-3/4L
25	G1	BVG4-1L
32	G1 1/4	BVG4-1.1/4L
40	G1 1/2	BVG4-1.1/2L
50	G2	BVG4-2L

BVGT4-L

2/2 In-Line Ball Valve, Female BSPP Thread, Butterfly Handle

Nickel-plated brass, PTFE

Scan for more dimensions

DN	C	References
8	G1/4	BVGT4-1/4L
10	G3/8	BVGT4-3/8L
15	G1/2	BVGT4-1/2L
20	G3/4	BVGT4-3/4L
25	G1	BVGT4-1L

LEGRIS VALVES

VALVES DESIGNED FOR TECHNICAL GASES

Tested by leading companies in the oxygen market, these valves are degreased and assembled using oxygen-compatible grease. They are also recommended for transporting technical gases.

Technical specifications

Fluids: oxygen (O2), carbon dioxide (CO2), nitrogen (N2), nitrous oxide (N2O), vacuum

Operating pressure: 10^{-2} millibars to 12 bar

Operating temperature: -20°C to +80°C
(-40°C without operation)

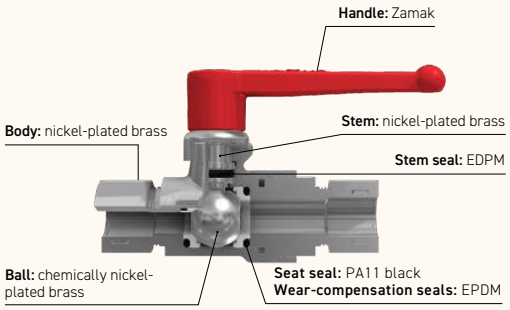
Nominal diameter (DN): 7 to 20 mm

Connection: ring 10 to 22 mm

Regulations: RoHS, REACH, PED
Certificate of degreasing and assembly with oxygen-compatible grease.
Certificate of non-use of animal-derived components.

Performance depends on the fluid, material and tube used.

Component materials



Benefits

- **Guaranteed compatibility:** the special grease, which is compatible with oxygen and other technical gases, ensures the safety of users and installations. Related certificates available.
- **Traceability:** standardised and controlled production processes enable the traceability of all components, validated by individual date coding.
- **Ease of installation:** these valves are equipped with pre-installed fittings to simplify assembly and ensure a perfect seal.

Recommended applications

Valves designed for medical gases, easy to install in hospital networks

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0414

2/2 In-Line Ball Valve with Compression Connections

Nickel-plated brass, NBR

DN	ØD	References
7	10	0414 00 00 07
10	12	0414 00 00 03
	14	0414 00 00 02
13	15	0414 00 00 09
	16	0414 00 00 04
	18	0414 00 00 05
20	22	0414 00 00 06

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LEGRIS NEEDLE VALVES

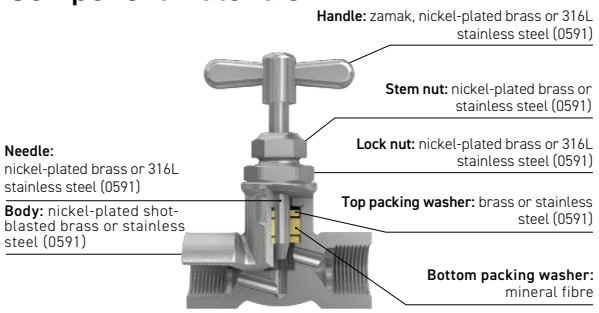
Legris needle valves, made of nickel-plated brass or stainless steel, offer precise and gradual manual flow control in applications requiring optimal metering or modulation, even under high pressure.

Technical specifications

	Subjects:	Nickel-plated brass	Stainless steel
	Fluids:	Compressed air, industrial water	All fluids
	Operating pressure:	0 to 120 bar	0 to 400 bar
	Operating temperature:	-20°C to +100°C (except model 0510)	- 20°C to +180°C
	Nominal diameter (DN):	4 to 10 mm	3 to 6 mm
	Connection:	G1/8 to G1/2 Compression fittings from 6 to 10 mm	G1/8 to G1/2
	Regulations:	RoHS, REACH, PED	RoHS, REACH, PED

Performance depends on the fluids, materials and tube used.

Component materials



Recommended applications

Ideal valve for precise control of fluid flow

Benefits

- **Note:** the conical stem, perfectly suited to dosing or purging applications, allows for linear and progressive control of the fluid.
- **Robustness:** suitable for systems requiring precise control under high pressure, thanks to the strength and precision of the needle.
- **Durability:** needle technology generates less mechanical friction, thereby reducing wear and tear during frequent handling.

Tip

To ensure optimal sealing and long-lasting performance of your needle valve, it is recommended that you slightly tighten the packing washer from time to time. This allows you to perfectly adjust the sealing fibre and ensure reliable operation over the long term.

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Nickel-plated brass versions

0502
In-Line Needle Valve, Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

DN	C	References
4	G1/8	0502 04 10
	G1/4	0502 04 13
6	G3/8	0502 06 17
9	G3/8	0502 09 17

0510
In-Line Needle Valve with Compression Connections

Nickel-plated brass

Scan for more dimensions

DN	ØD	C	References
4	6	M10x1	0510 04 06
5	8	M12x1	0510 05 08
	10	M16x1.5	0510 05 10

The needle is sealed by an O-ring.
Maximum operating pressure: Ø4: 100 bar, Ø5: 60 bar
Working temperature: -15°C to +70°C
Tightening torques: please refer to the Compression Fittings chapter of this catalogue.

0501
In-Line Needle Valve, Male/Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

DN	C	References
4	G1/8	0501 04 10
	G1/4	0501 04 13
6	G3/8	0501 06 17

0532
Right-Angle Needle Valve, Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

DN	C	References
4	G1/8	0532 04 10
	G1/4	0532 04 13
6	G1/4	0532 06 13

0531
Right-Angle Needle Valve, Male/Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

DN	C	References
4	G1/8	0531 04 10
	G1/4	0531 04 13
6	G1/4	0531 06 13
	G3/8	0531 06 17
10	G1/2	0531 10 21

0562
Needle Drain Valve, Male BSPP thread

Brass

Scan for more dimensions

DN	C	References
5	G1/8	0562 05 10
	G1/4	0562 05 13

0563
Needle Drain Valve, BSPT Thread

Brass, NBR

Scan for more dimensions

DN	C	References
5	R1/4	0563 05 14

Stainless steel versions

0591
Needle Valve, Female BSPP Thread

Stainless steel 316L, PTFE

Scan for more dimensions

DN	C	References
3	G1/8	0591 03 10
4	G1/4	0591 04 13
5	G3/8	0591 05 17
6	G1/2	0591 06 21

LEGRIS AXIAL VALVES

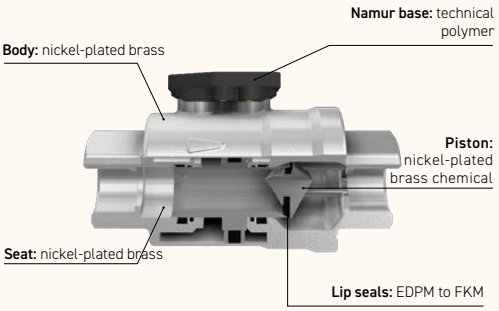
Legris axial valves are equipped with a pneumatic actuator.
They can be controlled pneumatically or electro-pneumatically by a Namur distributor or a solenoid valve to integrate into automated systems. Also available with detection to continuously monitor the status of the valve.

Technical specifications

- **Fluids:** compressed air, industrial or treated water, oils
- **Operating pressure:** 10 bar
- **Operating temperature:** -20°C to 150°C (90°C with detection)
- **Nominal diameter (DN):** 10 to 50 mm
- **Connection:** Rp3/8 to Rp2
- **Regulations:** RoHS, REACH, PED

Performance depends on the fluid, material and tube used.

Component materials



Benefits

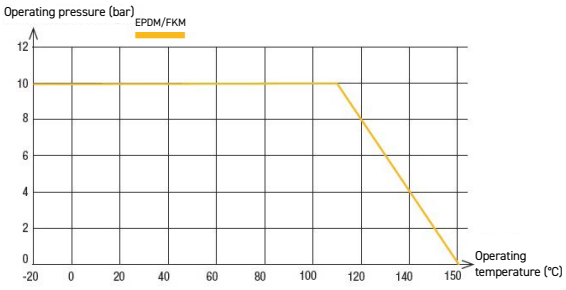
- Performance and compactness: **installed in line with the pipework with a tube diameter equal to that of the connections, the axial valve guarantees optimal flow while limiting space requirements and pressure losses.**
- **Durability and responsiveness:** nickel plating on the tube reduces the friction coefficient, improving service life and response time.
- **Operator safety:** no parts accessible from the outside, minimising the risk of accidents and ensuring better protection for users.
- **Operational safety:** process automation prevents any unintended handling or manoeuvring, ensuring reliable and secure operation.

Recommended applications

Lubrication circuits on CNC machines (milling, drilling, surfacing, turning)

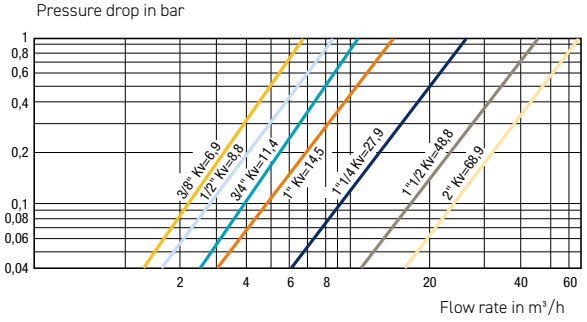
Installation/user guide

Pressure and temperature resistance



Flow rate and pressure drop characteristics (Kv)

Kv in m³/h (water at ambient temperature, under a differential pressure of 1 bar)



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Installation configuration

The Parker Legris axial valve offers users three distinct control options, depending on the application:

PNEUMATIC CONTROL

- available for single or double effect
- a proximity control using compressed air
- for repetitive opening/closing cycles
- remote control when access to the machine is difficult or in ATEX zones

ELECTROPNEUMATIC CONTROL
with NAMUR mounting pattern (3/2 for single-acting – 5/2 for double-acting)

- available for single or double effect
- for automated industrial systems
- mounting on Namur plate (delivered unassembled)
- compact and robust solution
- better response time than other technologies

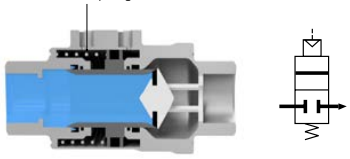
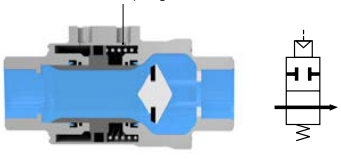
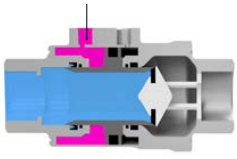
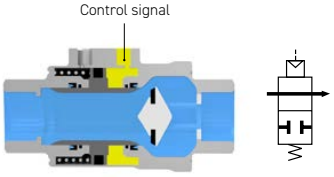
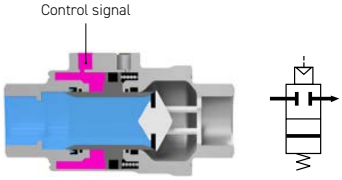
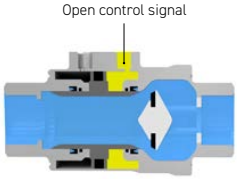
ELECTROPNEUMATIC CONTROL
with solenoid valve (3/2)

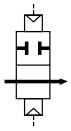
- recommended for single-effect
- for automated industrial systems
- G1/8 normally closed 3/2 pilot solenoid valve
- easy to connect
- 360° adjustable

Operating principle

Depending on the desired position, the control air passes through the actuator chamber to open or close the valve.

Watch the **video** explaining the **operating principle** ▶

Normally closed (NC) axial valve	Normally open (NO) axial valve	Double-acting axial valve (DA)
Return spring	Return spring	Close pilot signal
		
Rest state (valve closed)	**Rest state** (valve open)	**Piloted state** (valve closed)
Control signal	Control signal	Open control signal
		
Piloted state (valve open)	**Piloted state** (valve closed)	**Piloted state** (valve open)



Models available without detection or with detection (equipped with a magnet in the piston and supplied with a bracket for mounting the limit switch(es)).

Watch the demonstration video for the **model with detection** ▶

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4202/4204..20

Normally Closed Axial Valve with FKM Seal, Female BSPP Thread

Nickel-plated brass, FKM

Scan for more dimensions

C	References	References
	Without detection	With detection
Rp3/8	4202 10 17 20	4204 10 17 20
Rp1/2	4202 15 21 20	4204 15 21 20
Rp3/4	4202 20 27 20	4204 20 27 20
Rp1	4202 25 34 20	4204 25 34 20
Rp1 1/4	4202 32 42 20*	4204 32 42 20*
Rp1 1/2	4202 40 49 20*	4204 40 49 20*
Rp2	4202 50 48 20*	4204 50 48 20*

Pilot port: G1/8
Delivered with a silencer
* CE-marked models
Threads conformed to ISO 7/1 (Rp)

4202/4204..30

Normally Closed Axial Valve with EPDM seal, Female BSPP Thread

Nickel-plated brass, EPDM

Scan for more dimensions

C	References	References
	Without detection	With detection
Rp3/8	4202 10 17 30	4204 10 17 30
Rp1/2	4202 15 21 30	4204 15 21 30
Rp3/4	4202 20 27 30	4204 20 27 30
Rp1	4202 25 34 30	4204 25 34 30
Rp1 1/4	4202 32 42 30*	4204 32 42 30*
Rp1 1/2	4202 40 49 30*	4204 40 49 30*
Rp2	4202 50 48 30*	4204 50 48 30*

Pilot port: G1/8
Delivered with a silencer
* CE-marked models
Threads conformed to ISO 7/1 (Rp)

4212/4214..20

Normally Open Axial Valve with FKM Seal, Female BSPP Thread

Nickel-plated brass, FKM

Scan for more dimensions

C	References	References
	Without detection	With detection
Rp3/8	4212 10 17 20	4214 10 17 20
Rp1/2	4212 15 21 20	4214 15 21 20
Rp3/4	4212 20 27 20	4214 20 27 20
Rp1	4212 25 34 20	4214 25 34 20
Rp1 1/4	4212 32 42 20*	4214 32 42 20*
Rp1 1/2	4212 40 49 20*	4214 40 49 20*
Rp2	4212 50 48 20*	4214 50 48 20*

Pilot port: G1/8
Delivered with a silencer
* CE-marked models
Threads conformed to ISO 7/1 (Rp)

4222/4224..20

Double-Acting Axial Valve with FKM Seal, Female BSPP Thread

Nickel-plated brass, FKM

Scan for more dimensions

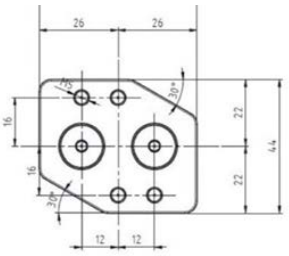
C	References	References
	Without detection	With detection
Rp3/8	4222 10 17 20	4224 10 17 20
Rp1/2	4222 15 21 20	4224 15 21 20
Rp3/4	4222 20 27 20	4224 20 27 20
Rp1	4222 25 34 20	4224 25 34 20
Rp1 1/4	4222 32 42 20*	4224 32 42 20*
Rp1 1/2	4222 40 49 20*	4224 40 49 20*
Rp2	4222 50 48 20*	4224 50 48 20*

Pilot port: G1/8
* CE-marked models
Threads conformed to ISO 7/1 (Rp)

Sub-Base for control with spool valve or solenoid valve with Namur pad mounting

Technical polymer

Delivered with the valve, unassembled



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4298 00 02

Limit Switch

Nickel-plated brass, FKM

The valve is delivered with a magnet in the piston (assembled during the production) and supplied with a slot for mounting the limit switch(es).
We provide separately inductive limit switch with LED which can be easily mounted in the slot and fixed with their screws.

- REED PNP, LED
- 3 wires (2 meters)
- Operating voltage 5-50 AC/DC
- Permanent current rating of switching output AC = 350 mA ; DC = 500 mA
- IP67, CE, UKCA, UL, EAC, CCC

Complementary Range Products

Namur pilot Spool Valve

Parker Serie 331 3/2
Parker Serie 341 5/2

Pilot Solenoid Valve G1/8'' 3/2

Parker Serie 131

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06

LEGRIS FITTINGS AND TUBING: THE OPTIMUM CONNECTION

Developed jointly with and for our fittings, they guarantee both the best sealing performance and the lowest insertion force.

RELIABILITY AND EXCELLENCE OF LEGRIS TUBING

Co-developed with extrusion specialists and manufactured in Europe with 100% laser control, Legris tubing is high-performance and reliable, guaranteeing the best connection.

A SOLUTION FOR EVERY NEED

Legris tubing and hoses are available in a variety of materials, offering solutions tailored to all industrial needs, from the most standard to the most specific.

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TUBING AND HOSES
LEGRIS

PRODUCTS OFFER

LEGRIS TUBING AND HOSES		Fluids	Materials	Maximum working pressure (bar)	Temperature Min.	Temperature Max.	R Ø6 mm	PAGE
PU	Polyurethane (PU)	Compressed air	PU ester Twin PU ester tubing	12	-20°C	+70°C	15	260
		Compressed air Industrial water Medical gases	PU Ester PU crystal Ester PU Ester medical					
	Antistatic polyurethane	Compressed air	PU ester with additive	10	-20°C	+70°C	15	264
	Anti-spark resistance polyurethane	Compressed air Industrial water	PU Ester with PVC sheath Single-layer PU Ester	14	-20°C	+70°C	12 15	266
PA	Polyamide (PA)	Compressed air	Polyamide	50	-40°C	+100°C	20	268
			Multitube made of polyamide	24	-40°C	+85°C	55	269
	Anti-spark resistance polyamide	Compressed air Industrial water	Polyamide with PVC sheath	36	-20°C	+80°C	25	272
	Fireproof polyamide	Compressed air	Polyamide with additive	50	-50°C	+100°C	35	274
PE	Polyethylene (PE)	Industrial water and treated water	Polyethylene	16	-40°C	+95°C	32	276
Fluorinated tubing	Fluorinated ethylene propylene (FEP)	Compressed air Industrial water and treated water	Fluoropolymer	28	-40°C	+150°C	50	278
	Perfluoroalkoxy (PFA) and Antistatic PFA	Compressed air Industrial water and treated water	Fluoropolymer	36	-40°C	+150°C	34	280
Recoiled tubing	Recoiled tubing	Compressed air	Polyurethane	10	-20°C	+70°C	Not applicable	282
			Polyamide	20 15	-20°C -40°C	+80°C +90°C	Not applicable	282
Hoses	Braided hose	Compressed air Industrial water	Technical PVC with polyester braiding Food version Industrial version	15	 -20°C -20°C	 +70°C +60°C	 10 (Ø8x4) 63 (Ø14.5 x 9)	286
	Self-fastening hose	Compressed air Industrial water	Nitrile butadiene (NBR) with polyamide braiding	16	-20°C	+100°C	60	288

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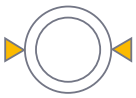
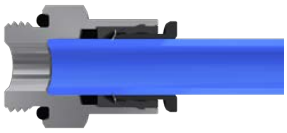
HOW TO CHOOSE YOUR TUBING OR HOSE

Terminology related to tubing and hoses



Tubing: attachment and sealing are carried out on the external diameter of the calibrated tubing. The pass diameter is therefore optimal.



Hose: The connection and seal are made on the **inner diameter** of the hose. The connection and seal are achieved by deforming the tubing. The internal diameter is therefore calibrated.

What type of fluid do you wish to convey?

Parker offers ranges dedicated to **compressed air and neutral gases**.

Parker presents ranges specifically designed for **water**, including:

- *Industrial water (tap water)*
- *Treated water (deionised, pure and demineralised)*
- *All our solutions are compatible with glycol mixtures*

Parker also has ranges compatible with **technical gases**:

- *Oxygen, breathing air, carbon dioxide, analytical gases, anaesthetic gases and inert gases.*

Do you have any compliance requirements?

- All our products comply with RoHS and REACh standards.
- Our product ranges dedicated to specific markets, such as food, medical or clean rooms, comply with the relevant regulations.
- All our processes comply with ISO 9001 and ISO 14001 standards.

For a complete list of our certificates, *please click here.*

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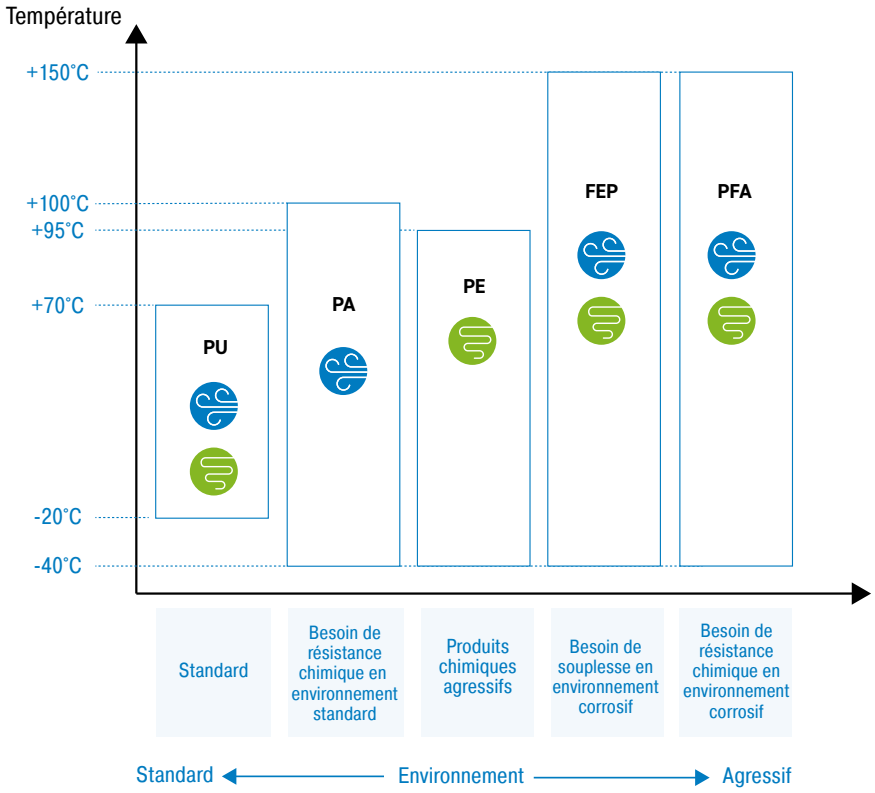
HOW TO CHOOSE YOUR TUBING OR HOSE

What are the conditions of use of your tubing?

Legris tubing ranges are designed to withstand a variety of conditions.

Below are the recommended products for conveying air and water according to specific usage constraints.



The bending radius shown in this catalogue are based on measurements carried out in accordance with the LPCE method, using qualified materials, and are provided for guidance only to assist in product selection. In the event of any change in material (grade, formulation, batch, treatment, thickness) or in measurement conditions (temperature, bending speed, setup, etc.), these values may vary; therefore, they do not constitute a performance commitment outside this scope.

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Which fittings connect best to your tubing or hose?

To guarantee optimal sealing performance, Legris push-in fittings and tubing have been developed togEster.

The table opposite shows our recommendations for tubing/fitting combinations.

Tubing		Fitting
PU	Ester	LF3000®
	Ester	LF6000
	Crystal Ester	LF3600 (air) LF6000 (water)
	Antistatic ester PU	LF3600
	Antispark PU	
	PU Ester medical	LF6800
PA	Semi-rigid	LF3000®
	Multi-tubing	LF3000®
	Fireproof	LF3600
	Anti-spark PA	
PE	Advanced PE	LF6000
Fluorinated tubing	FEP	LF3800 (air) LF6000 brass adaptor (industrial applications) LF6000 stainless steel adaptor (Treated water)
	PFA	
Recoiled tubing	PU	Pre-fitted with fittings
	PA	
PVC hoses	PVC	Hose barb connectors, couplers, water couplings and accessories
Self-fastening hoses	NBR	Hose barb connectors, couplers

Tubing & Hoses packaging

Tubepack®

- Lengths of 5 m, 10 m, 25 m and 100 m
- For polyamide, polyurethane, fluoropolymer, polyethylene and anti-spark tubing
- Optimisation of tubing storage
- Immediate identification of the type of tubing
- Integrated winder for easy handling

5 m - 100 m

Reel

- Up to 1000 m
- For polyamide, polyurethane, fluoropolymer, etc. tubing.
- Immediate identification of the tubing for easy handling
- Adapted to workshop reels

40 m - 1000 m

Roller

- Up to 50 m
- Supplied with a protective film
- For braided tubing and special tubing (multi-tubing)

25 m - 50 m

Display bags

- Ideal for self-service sales
- Promotional tools
- Recoiled tubing or tube cut to the required length

Tubing & Hoses marking

Length indicated every meter:

- Time saving when cutting to the exact length;
- Immediately identifiable remaining quantity (PA and PU);

Traceability identified by marking the manufacturing batch number.

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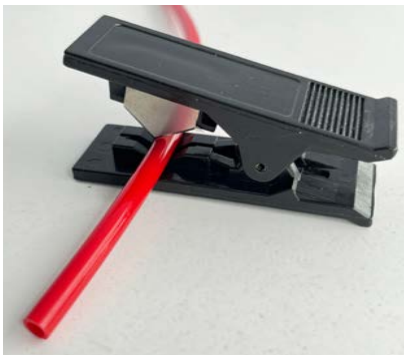
Tubing & Hoses installation guidelines

To enable you to assemble tubing and hoses, please see our recommended accessories.

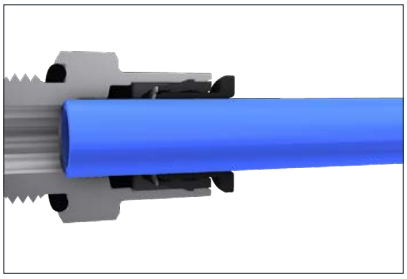
- Cut the tubing or hose using the appropriate tool to ensure a straight cut.



Ref. 3000 71 00, page 311

Ref. 3000 71 11, page 311

- The seal is correctly aligned and the straight cut extends to the tubing stop.



To view the installation video for our tubes and hoses, *scan here.*

- **For tubing subjected to high temperatures,** insert a ferrule to prevent creep. Ref. 0127 in brass or Ref. 1827 in stainless steel depending on the fluid being conveyed.

Page 312

- **For PVC hoses**, we recommend installing retaining clip at both ends (Ref. 0697).

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- **Self-fastening hose assembly machine**

Ref. 611050HV, page 311

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Part number identification

Part numbers are chosen according to a mnemonic code.
Each tubing or hose is identified by:
- 1025: information on packaging and length
- U: the material
- 14: outer diameter
- R: additional information about the material
- 08: the colour code
- 95: a suffix to characterise the tubing

Material

H = Self-fastening NBR
L = Rigid polyamide
P = Semi-rigid polyamide
T = Fluoropolymer
U = Polyurethane
V = PVC
Y = Polyethylene

Tubing type

P..**A** = Anti-static PA
P..**R** = Fireproof PA
P..**V** = Anti-spark PA, with PVC sheath
T.. = FEP
T..**A** = Antistatic PFA
T..**P** = PFA
U..**A** = Antistatic PU
U..**K** = Single-layer spark-resistant PU
U..**R** = PU Ester
U..**V** = Spark-proof PU with PVC sheath
Y..**F** = PE Advanced

1 025 U 14 R 08 95

Packaging code

1 = Tubepack® or LIQUIfit® reel

Length

015 = 150 m
020 = 20 m
025 = 25 m
030 = 300 m
040 = 40 m
075 = 75 m
080 = 80 m
100 = 100 m

2 = Long length on reel

003 = 300 m
005 = 500 m
010 = 1000 m

External code Ø

03 = 3 mm
04 = 4 mm
06 = 6 mm
08 = 8 mm
.../...
56 mm = 1/4"
.../...

10 = 10 mm

04 = 4 mm
06 = 6 mm
08 = 8 mm
10 = 10 mm

04 = 4 mm
06 = 6 mm

Colour

00 = ○ Clear
01 = ● black
02 = ● green
03 = ● red
04 = ● blue
05 = ● yellow
06 = ● grey
07 = ● orange
08 = ○ crystal clear
09 = ● purple
10 = ○ white
12 = ● crystal green
13 = ● crystal red
14 = ● crystal blue
17 = ● crystal orange

Special inner Ø

18 = 1.8 mm
27 = 2.7 mm
33 = 3.3 mm
75 = 7.5 mm
95 = 9.5 mm

Multitubing

M02 = 2 tubes
M04 = 4 tubes
M07 = 7 tubes
M12 = 12 tubes

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LEGRIS PU TUBING

Recognized for its flexibility, Legris PU tubing provides up to a 50% space saving compared with PA tubing. This is the ideal tubing choice for pneumatic applications in standard environments.

Technical specifications

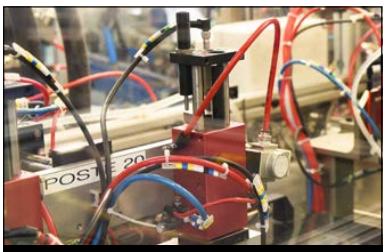
Material:	**Polyurethane ester**
Fluids:	Compressed air
Working pressure:	10^{-2} millibar to 12 bar
Working temperature:	-20°C to +70°C
Diameter:	3 to 16 mm
Regulations:	RoHS, REACH, PED

Performance depends on the fluids, materials and connection used.

Benefits

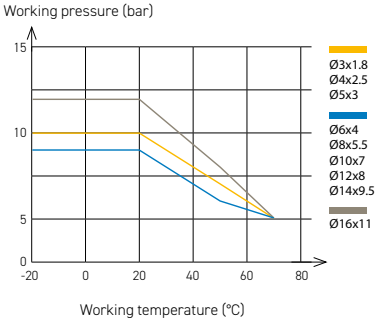
- **Small bending radius to fit into confined spaces in standard environments.**
- **Available in a twin-tubing version to simplify installation and further reduce the overall dimensions.**
- **Available in packaged form for applications requiring ISO 15001 cleanliness class.**

Recommended applications



Pneumatic assembly in a confined industrial environment

Tubing performance



Tube O.D	O.D Tolerance
3 to 8 mm	+0.10/-0.10
10 to 16 mm	+0.15/-0.15

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PU ESTER VERSION

Technical specifications

	Material:	PU Ester	PU crystal Ester	PU Ester medical
	Fluids:	Industrial water (without glycol)	Compressed air and industrial water	Medical gases
	Working pressure:	10^{-2} millibar to 12 bar	10^{-2} millibar to 12 bar	10^{-2} millibar to 10 bar
	Working temperature:	-20°C to +40°C	-20°C to +40°C	-20°C to +90°C
	Diameter:	4 to 16 mm	4 to 16 mm	4 to 12 mm
	Regulations:	RoHS, REACH, PED	RoHS, REACH, PED, FDA, EC N° 1935/2004	RoHS, REACH, PED

Performance depends on the fluids, materials and connection used.

Benefits

- **PU Ester:** a material that is more chemically resistant than standard PU (ester),
  it is compatible with industrial water (without glycol up to 40°C).
- **PU crystal Ester:** certified by the Food and Drug Administration (FDA) to meet the requirements of the food industry.
- **Medical-grade PU Ester:** meets ISO 15001 cleanliness requirements, oxygen-compatible, ideal for medical equipment.

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1025U

Polyurethane (PU) Ester Tubing - Tubepack® 25 m

ØD ext.	ØD int.	R						
3	1.8	8	1025U03 01 18					
4	2.5	10	1025U04 01	1025U04 02	1025U04 03	1025U04 04	1025U04 05	1025U04 06
5	3	13	1025U05 01			1025U05 04		
6	4	15	1025U06 01	1025U06 02	1025U06 03	1025U06 04	1025U06 05	1025U06 06
8	5.5	20	1025U08 01	1025U08 02	1025U08 03	1025U08 04	1025U08 05	1025U08 06
10	7	35	1025U10 01	1025U10 02	1025U10 03	1025U10 04	1025U10 05	1025U10 06
12	8	35	1025U12 01	1025U12 02	1025U12 03	1025U12 04	1025U12 05	1025U12 06
14	9.5	45	1025U14 01 95			1025U14 04 95		
16	11	45	1025U16 01 11	1025U16 02 11	1025U16 03 11	1025U16 04 11		

1100U

Polyurethane (PU) Ester Tubing - Tubepack® 100 m

ØD ext.	ØD int.	R						
4	2.5	10	1100U04 01	1100U04 02	1100U04 03	1100U04 04	1100U04 05	1100U04 06
5	3	13	1100U05 01			1100U05 04		
6	4	15	1100U06 01	1100U06 02	1100U06 03	1100U06 04	1100U06 05	1100U06 06
8	5.5	20	1100U08 01	1100U08 02	1100U08 03	1100U08 04	1100U08 05	1100U08 06
10	7	35	1100U10 01			1100U10 04		
12	8	35	1100U12 01			1100U12 04		
14	9.5	45	1100U14 01 95			1100U14 04 95		
16	11	45	1100U16 01 11			1100U16 04 11		

2003U

Polyurethane (PU) Ester Tubing - Drum 300 m

ØD ext.	ØD int.	R				
10	7	35	2003U10 01	2003U10 03	2003U10 04	2003U10 06

2005U

Polyurethane (PU) Ester Tubing - Drum 500 m

ØD ext.	ØD int.	R				
8	5.5	20	2005U08 01	2005U08 03	2005U08 04	2005U08 05

2010U

Polyurethane (PU) Ester Tubing - Drum 1000 m

ØD ext.	ØD int.	R						
4	2.5	12	2010U04 01	2010U04 02	2010U04 03	2010U04 04	2010U04 05	2010U04 06
6	4	15	2010U06 01	2010U06 02	2010U06 03	2010U06 04	2010U06 05	2010U06 06

1420U

Twin Polyurethane (PU) Tubing - Tubepack® 25 m

ØD ext.	ØD int.	R			
4	2.5	12	1420U04 11	1420U04 41	1420U04 44
6	4	15	1420U06 11	1420U06 41	1420U06 44
8	5.5	20	1420U08 11	1420U08 41	1420U08 44

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1025U..R

Polyurethane (PU) Ether Tubing - Tubepack® 25 m

ØD ext.	ØD int.	R			Cristal	Crystal	Crystal	Crystal	Crystal
4	2.5	12	1025U04R01	1025U04R04	1025U04R08	1025U04R12	1025U04R13	1025U04R14	1025U04R17
5	3	13			1025U05R08				
6	4	15	1025U06R01	1025U06R04	1025U06R08	1025U06R12	1025U06R13	1025U06R14	1025U06R17
8	5.5	20	1025U08R01	1025U08R04	1025U08R08	1025U08R12	1025U08R13	1025U08R14	1025U08R17
10	7	25	1025U10R01	1025U10R04	1025U10R08			1025U10R14	
12	8	35	1025U12R01	1025U12R04	1025U12R08			1025U12R14	
14	9.5	45		1025U14R04 95	1025U14R08 95				
16	11	45			1025U16R08 11				

1100U ..R

Polyurethane (PU) Ether Tubing - Tubepack® 100 m

ØD ext.	ØD int.	R			Cristal	Crystal	Crystal	Crystal	Crystal
4	2.5	12	1100U04R01	1100U04R04	1100U04R08			1100U04R14	
6	4	15	1100U06R01	1100U06R04	1100U06R08	1100U06R12	1100U06R13	1100U06R14	1100U06R17
8	5.5	20	1100U08R01	1100U08R04	1100U08R08	1100U08R12	1100U08R13	1100U08R14	1100U08R17
10	7	25			1100U10R08			1100U10R14	
12	8	35		1100U12R04	1100U12R08				
14	9.5	45			1100U14R08 95				
16	11	45			1100U16R08 11				

2003U..R

Polyurethane (PU) Ether Tubing - Drum 300 m

ØD ext.	ØD int.	R		Cristal
10	7	25	2003U10R01	2003U10R08

2005U..R

Polyurethane (PU) Ether Tubing - Drum 500 m

ØD ext.	ØD int.	R			Cristal
8	5.5	20	2005U08R01	2005U08R04	2005U08R08

2010U..R

Polyurethane (PU) Ether Tubing - Drum 1000 m

ØD ext.	ØD int.	R			Cristal
4	2.5	12			2010U04R08
6	4	15	2010U06R01	2010U06R04	2010U06R08

1025U..G

Clean medical-grade polyurethane (PU) Ether tubing - Tubepack® 25 m

ØD ext.	ØD int.	R	Cristal
4	2.5	8	1025U04G08
6	4	12	1025U06G08
8	5.5	18	1025U08G08
10	7	23	1025U10G08
12	8	25	1025U12G08

LEGRIS ANTISTATIC PU TUBING

By dissipating accumulated static electricity, Legris antistatic PU tubing reduces the risk of sparks in sensitive, dusty or explosive environments.

Technical specifications

Material:	**Polyurethane ester with additive**
Fluids:	Compressed air
Working pressure:	10^{-2} millibar to 10 bar
Working temperature:	-20°C to +70°C
Diameter:	3 to 12 mm
Regulations:	RoHS, REACH, PED

Performance depends on the fluids, materials and connection used.

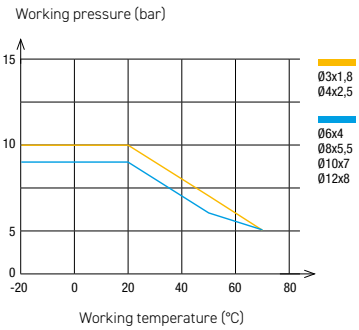
Benefits

- **Constant resistivity of 10²Ω.m** across the wall thickness, preventing the build-up of static electricity. This tubing is therefore recommended for ATEX zones.
- **Small bending radius** to simplify installation in confined spaces.
- **Improved chemical resistance** and UV resistance for enhanced durability.

Recommended applications

UV resistance and static electricity dissipation in dusty environments.

Tubing performance



Tube O.D	O.D Tolerance
3 to 8 mm	+0.10/-0.10
10 to 12 mm	+0.15/-0.15

Note: In order to fully preserve the properties of the antistatic tubing, no markings are made on this tubing.

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1100U..A

Antistatic polyurethane (PU) Ester tubing - Tubepack® 100 m

ØD ext.	ØD int.	R	
3	1.8	10	1100U03A01
4	2.5	12	1100U04A01
6	4	15	1100U06A01
8	5.5	25	1100U08A01
10	7	35	1100U10A01
12	8	45	1100U12A01

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LEGRIS ANTI-SPARK PU TUBING

Flexible and resistant to welding spatter, Legris spark-resistant PU tubing is recommended for industrial applications in harsh environments such as welding machines and robots.

Technical specifications

Material:	**Fire-retardant polyurethane Ether or polyurethane Ether with self-extinguishing PVC sheath**
Fluids:	Compressed air and industrial water (with or without glycol)
Working pressure:	10^{-2} millibar to 14 bar
Working temperature:	-20°C to +70°C
Diameter:	6 to 12 mm
Regulations:	RoHS, REACH, PED, UL94

Performance depends on the fluids, materials and connection used.

Benefits

Single-layer PU:

- **Fire-retardant material** reducing the risk of fire in installations.
- **Flexibility of polyurethane** enabling it to withstand mechanical stresses at high speeds.

PVC-coated PU:

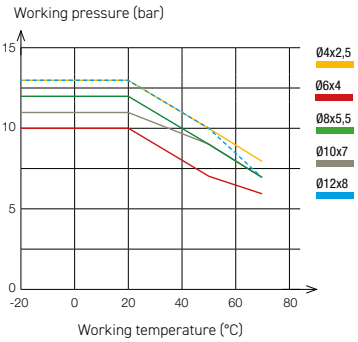
- **Self-extinguishing PVC sheath** ensuring the integrity of the inner PU tubing.
- **Double-layer structure** for improved resistance to twisting and crushing.

Recommended applications

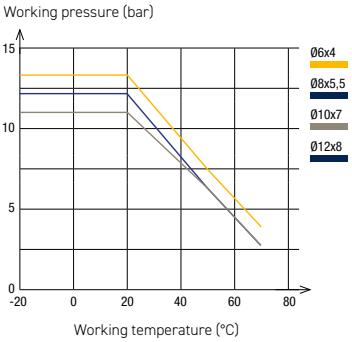
Resistance to welding spatter in automotive metalwork

Tubing performance

Spark-resistant polyurethane tubing (single layer)



Spark-resistant polyurethane tubing with PVC sheath



Tube O.D	O.D Tolerance	PVC sheath thickness and tolerances
4 to 8 mm	+0.10/-0.10	1mm +0.10/-0.10
10 to 14 mm	+0.15/-0.15	

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1025U..V

Polyurethane (PU) Ether tubing with anti-spark jacket - Tubepack® 25 m

ØD ext.	ØD int.	R			
6	4	12	1025U06V01	1025U06V03	1025U06V04
8	5.5	20	1025U08V01	1025U08V03	1025U08V04
10	7	25	1025U10V01	1025U10V03	1025U10V04
12	8	35	1025U12V01	1025U12V03	

1100U..V

Polyurethane (PU) Ether tubing with anti-spark jacket - Tubepack® 100 m

ØD ext.	ØD int.	R	
6	4	12	1100U06V01
8	5.5	20	1100U08V01
10	7	25	1100U10V01

1025U..K

Single-layer polyurethane (PU) Ether anti-spark tubing - Tubepack® 25 m

ØD ext.	ØD int.	R				
6	4	15	1025U06K01	1025U06K02	1025U06K03	1025U06K04
8	5.5	20	1025U08K01	1025U08K02	1025U08K03	1025U08K04
10	7	25	1025U10K01	1025U10K02	1025U10K03	1025U10K04
12	8	35	1025U12K01	1025U12K02	1025U12K03	1025U12K04

1100U..K

Single-layer polyurethane (PU) Ether anti-spark tubing - Tubepack® 100 m

ØD ext.	ØD int.	R				
6	4	15	1100U06K01	1100U06K02	1100U06K03	1100U06K04
8	5.5	20	1100U08K01	1100U08K02	1100U08K03	
10	7	25		1100U10K02	1100U10K03	1100U10K04
14	9.5	45			1100U14K03 95	1100U14K04 95

6000 71 00

Stripping Tool for Anti-Spark Tubing

Technical polymer, stainless steel

Reference
6000 71 00

PA LEGRIS TUBING

Legris PA tubing combines robustness with chemical and thermal resistance to meet the demands of pneumatic applications in demanding industrial environments.

Technical specifications

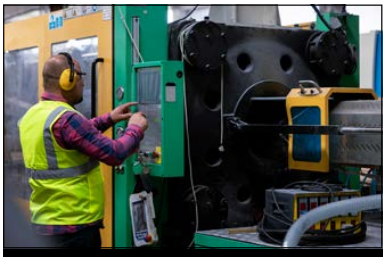
Material:	**Polyamide**
Fluids:	Compressed air
Working pressure:	10^{-2} millibar to 50 bar
Working temperature:	-40°C to +100°C
Diameter:	3 to 18 mm
Regulations:	RoHS, REACH, PED

Performance depends on the fluids, materials and connection used.

Benefits

- **Proven technical polyamide** for high chemical resistance and high temperature resistance.
- **Mechanical strength:** recognized for its durability and flexibility, this PA tubing offers excellent resistance to dynamic fatigue and wear.

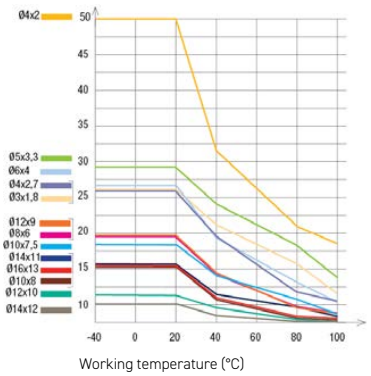
Recommended applications



Mechanical robustness and temperature resistance in demanding industrial environments

Tubing performance

Working pressure (bar)



Working temperature (°C)

Tube O.D	O.D Tolerance
3 to 5 mm	+0.05/-0.08
6 to 16 mm	+0.05/-0.10

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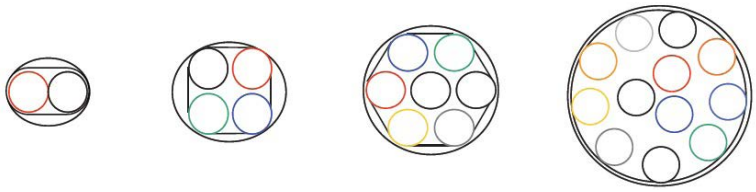
Legris multi-tube PA version

The combination of PA tubing and PVC sheathing combines the mechanical and chemical advantages of polyamide with the protection, flexibility and safety provided by PVC sheathing.

- Available with 2 to 12 numbered tubes for circuit identification
- PVC coating resistant to abrasion, sparks and chemical attack
- Spiral tube assembly to minimize the bending radius
- Working pressure limited to 24 bar
- Working temperature: -40°C to +85°C

Colour distribution



1025P

Semi-Rigid Polyamide (PA) Tubing - Tubepack® 25 m

ØD ext.	ØD int.	R	clear						
3	1.8	15	1025P03 00 18				1025P03 04 18		
4	2	25	1025P04 00	1025P04 01	1025P04 02	1025P04 03	1025P04 04	1025P04 05	
	2.7	30	1025P04 00 27	1025P04 01 27	1025P04 02 27	1025P04 03 27	1025P04 04 27	1025P04 05 27	1025P04 06 27
5	3.3	30	1025P05 00 33	1025P05 01 33			1025P05 04 33		
6	4	35	1025P06 00	1025P06 01	1025P06 02	1025P06 03	1025P06 04	1025P06 05	1025P06 06
8	6	55	1025P08 00	1025P08 01	1025P08 02	1025P08 03	1025P08 04	1025P08 05	1025P08 06
10	7.5	75	1025P10 00 75	1025P10 01 75			1025P10 04 75		
	8	90	1025P10 00	1025P10 01	1025P10 02	1025P10 03	1025P10 04	1025P10 05	1025P10 06
12	9	75	1025P12 00 09	1025P12 01 09			1025P12 04 09		
	10	90	1025P12 00	1025P12 01			1025P12 04	1025P12 05	
14	11	100	1025P14 00 11	1025P14 01 11			1025P14 04 11		
	12	100	1025P14 00	1025P14 01			1025P14 04		
16	13	120	1025P16 00 13	1025P16 01 13	1025P16 02 13	1025P16 03 13	1025P16 04 13		
18	14	130	1025P18 00 14						

1100P

Semi-Rigid Polyamide (PA) Tubing - Tubepack® 100 m

ØD ext.	ØD int.	R	clear						
3	1.8	15	1100P03 00 18						
4	2	25	1100P04 00	1100P04 01	1100P04 02	1100P04 03	1100P04 04	1100P04 05	1100P04 06
	2.7	30	1100P04 00 27	1100P04 01 27	1100P04 02 27	1100P04 03 27	1100P04 04 27	1100P04 05 27	1100P04 06 27
5	3.3	30	1100P05 00 33						
6	4	35	1100P06 00	1100P06 01	1100P06 02	1100P06 03	1100P06 04	1100P06 05	1100P06 06
8	6	55	1100P08 00	1100P08 01	1100P08 02	1100P08 03	1100P08 04	1100P08 05	1100P08 06
10	7.5	75	1100P10 00 75	1100P10 01 75			1100P10 04 75		
	8	90	1100P10 00	1100P10 01	1100P10 02	1100P10 03	1100P10 04	1100P10 05	
12	9	75	1100P12 00 09	1100P12 01 09			1100P12 04 09		
	10	90	1100P12 00	1100P12 01			1100P12 04		1100P12 06
14	11	100	1100P14 00 11	1100P14 01 11			1100P14 04 11		
	12	100	1100P14 00	1100P14 01			1100P14 04		
16	13	120	1100P16 00 13	1100P16 01 13			1100P16 04 13		

2005P

Semi-Rigid Polyamide (PA) Tubing - Drum 500 m

ØD ext.	ØD int.	R	clear				
8	6	55	2005P08 00	2005P08 01	2005P08 02	2005P08 03	2005P08 04
10	8	90	2005P10 00	2005P10 01	2005P10 02	2005P10 03	2005P10 04

2010P

Semi-Rigid Polyamide (PA) Tubing - Drum 1000 m

ØD ext.	ØD int.	R	clear					
4	2.7	30	2010P04 00 27	2010P04 01 27	2010P04 02 27	2010P04 03 27	2010P04 04 27	
6	4	35	2010P06 00	2010P06 01	2010P06 02	2010P06 03	2010P06 04	2010P06 05

1010P..M

Semi-Rigid Polyamide (PA) Multi-Tubing - Reel 10 m

ØD ext.	ØD int.	R	Number of outlets	
4	2.7	35	4	1010P04 00M04
	2.7	45	7	1010P04 00M07
6	4	55	4	1010P06 00M04
	4	60	7	1010P06 00M07
8	6	45	2	1010P08 00M02

1050P..M

Semi-Rigid Polyamide (PA) Multi-Tubing - Reel 50 m

ØD ext.	ØD int.	R	Number of outlets	
4	2.7	20	2	1050P04 00M02
	2.7	35	4	1050P04 00M04
	2.7	45	7	1050P04 00M07
	2.7	55	12	1050P04 00M12
6	4	45	2	1050P06 00M02
	4	55	4	1050P06 00M04
	4	60	7	1050P06 00M07
8	6	45	2	1050P08 00M02

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LEGRIS ANTI-SPRAK PA TUBING

Perfectly suited for applications in harsh environments, Legris antispark PA tubing is designed with a fire-retardant PVC sheath to withstand impact, abrasion and sparks.

Technical specifications

Material:	**Polyamide with PVC sheath**
Fluids:	Compressed air and industrial water
Working pressure:	10^{-2} millibar to 36 bar
Working temperature:	-20°C to +80°C
Diameter:	4 to 8 mm
Regulations:	RoHS, REACH, PED, UL 94

Performance depends on the fluids, materials and connection used.

Benefits

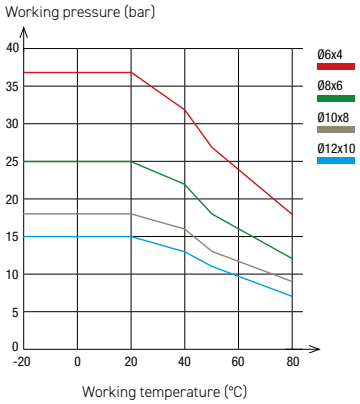
The anti-spark PA tubing offers all the advantages of the PA tubing, plus the following features:

- **Fire-retardant PVC sheath** which protects the inner PA tubing, ideal for applications exposed to sparks and flames.
- **Resistant to twisting and crushing,** perfectly suited to applications under mechanical stress.

Recommended applications

Robustness and resistance to welding spatter in harsh industrial environments

Tubing performance



External diameter	O.D Tolerance	Thickness of the PVC sheath
PVC sheath 8 to 12 mm	+0.10/-0.10	1mm
Inner tubing 6 to 10 mm	+0.05/-0.10	

External diameter from the tubing	Stripping length for LF 3600 fittings (mm)
6 mm	18± 1
8 mm	19± 1
10 mm	24± 1

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1025P..V

Anti-Spark Polyamide (PA) Tubing - Tubepack® 25 m

ØD ext.	ØD int.	R		
6	4	25	1025P06V01	1025P06V04
8	6	30	1025P08V01	1025P08V04
10	8	55	1025P10V01	1025P10V04

1100P..V

Anti-Spark Polyamide (PA) Tubing - Tubepack® 100 m

ØD ext.	ØD int.	R		
6	4	25		1100P06V04
8	6	30	1100P08V01	1100P08V04
10	8	55	1100P10V01	1100P10V04
12	10	60	1100P12V01	

6000 71 00

Stripping Tool for Anti-Spark Tubing

Technical polymer, stainless steel

Reference
6000 71 00

LEGRIS FIREPROOF PA TUBING

Designed for Flame-exposed applications, Legris flame-retardant, self-extinguishing PA tubing does not emit toxic fumes, protecting operators and the environment.

Technical specifications

Material:	**Polyamide with additive**
Fluids:	Compressed air
Working pressure:	10^{-2} millibar to 50 bar
Working temperature:	-40°C to +100°C
Diameter:	4 to 12 mm
Regulations:	RoHS, REACH, PED, UL 94-V0

Performance depends on the fluids, materials and connection used.

Benefits

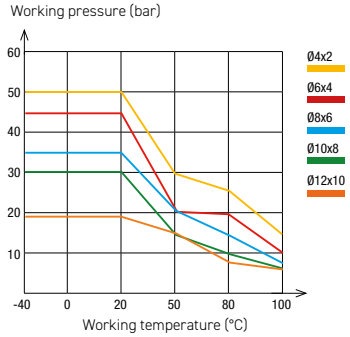
Fire-retardant PA tubing offers all the advantages of PA tubing, plus the following features:

- **Excellent resistance to sparks and flames** thanks to UL94-V0 certified self-extinguishing material.
- **No toxic fumes** protecting users and the environment.

Recommended applications

Fire resistant and does not release toxic gases

Tubing performance



Tube O.D	O.D Tolerance
4 mm	+0.05/-0.08
6 to 12 mm	+0.05/-0.10

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1100P..R

Fireproof High Resistant Polyamide (PA) Tubing - Tubepack® 100 m

ØD ext.	ØD int.	R	White		
4	2	25	1100P04R00	1100P04R01	1100P04R04
6	4	35	1100P06R00	1100P06R01	1100P06R04
8	6	55	1100P08R00	1100P08R01	1100P08R04
10	8	90	1100P10R00	1100P10R01	1100P10R04
12	10	92	1100P12R00	1100P12R01	

The extrusion constraints give the tube an anthracite appearance, but do not affect its performance in any way.

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LEGRIS PE TUBING

Designed to convey water in aggressive environments, Legris PE tubing offers high chemical resistance, making it ideal for industrial water treatment and cooling applications.

Technical specifications

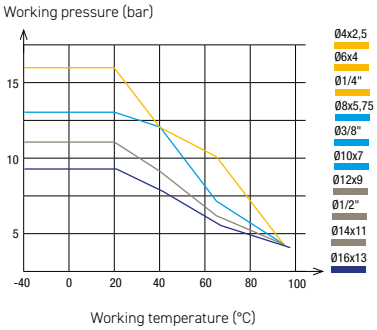
Material:	**Polyethylene**
Fluids:	Industrial and treated water (with or without glycol)
Working pressure:	10^{-2} millibar to 16 bar
Working temperature:	-40°C to +100°C
Diameter:	3 to 18 mm
Regulations:	RoHS, REACH, PED, FDA, EC N° 1935/2004

Performance depends on the fluids, materials and connection used.

Benefits

- **High chemical resistance,** ideal for transferring glycol-based water coolants and water treatment.
- **FDA-certified,** it meets the requirements of the food industry.

Tubing performance



External diameter from the tubing	O.D Tolerance
1/4" to 1/2"	+0.10/-0.10
4 to 16 mm	+0.10/-0.10

Recommended applications

Chemical resistance to the aggressiveness of water treated in laboratories

Optimal compatibility for cooling laser cutting machines

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1015Y..F

Advanced Polyethylene (APE) Tubing - Drum 150 m

ØD ext.	ØD int.	R	Clear					White
6	4	32	1015Y06F00	1015Y06F01			1015Y06F04	1015Y06F10
8	5.75	40	1015Y08F00	1015Y08F01	1015Y08F02	1015Y08F03	1015Y08F04	1015Y08F10
10	7	40	1015Y10F00	1015Y10F01		1015Y10F03	1015Y10F04	1015Y10F10

1030Y..F

Advanced Polyethylene (APE) Tubing - Drum 300 m

ØD ext.	ØD int.	R	Clear				White
4	2.5	16	1030Y04F00	1030Y04F01			
6	4	32	1030Y06F00	1030Y06F01	1030Y06F03	1030Y06F04	1030Y06F10

1075Y..F

Advanced Polyethylene (APE) Tubing - Drum (Ø12) Tubepack (Ø 16) 75 m

ØD ext.	ØD int.	R	Clear					White
12	9	55	1075Y12F00	1075Y12F01	1075Y12F02	1075Y12F03	1075Y12F04	1075Y12F10
16	13	90	1075Y16F00					

1096Y..F

Advanced Polyethylene (APE) Tubing - Drum 250 ft

ØD ext.	ØD int.	R	Clear		
1/2	0.375	1.96	1096Y62F00	1096Y62F01	1096Y62F04

1098Y..F

Advanced Polyethylene (APE) Tubing - Drum 500 ft

ØD ext.	ØD int.	R	Clear		
1/4	0.170	0.78	1098Y56F00	1098Y56F01	1098Y56F04
3/8	0.250	1.18	1098Y60F00	1098Y60F01	1098Y60F04

1100Y

Low-density Polyethylene tubing - Tubepack® 100 m

ØD ext.	ØD int.	R	clear
4	2	25	1100Y04 00
6	4	35	1100Y06 00
8	6	55	1100Y08 00
10	8	80	1100Y10 00
12	9	65	1100Y12 00
14	11	80	1100Y14 00

LEGRIS FEP TUBING

Legris FEP tubing combines high chemical and thermal resistance, enabling its use in demanding industrial applications and corrosive environments.

Technical specifications

Material:	**Fluorinated ethylene propylene**
Fluids:	Air, industrial water and treated water (with or without glycol)
Working pressure:	0 to 28 bar
Working temperature:	-40°C to +150°C
Diameter:	4 to 12 mm
Regulations:	RoHS, REACH, PED, EC N° 1935/2004, FDA, UL94 V0

Performance depends on the fluids, materials and connection used.

Benefits

Chemical properties of Legris fluorinated ethylene propylene:

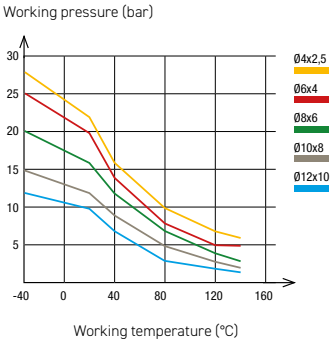
- **Tubing perfectly suited** for transferring industrial cooling water based on treated water and particularly aggressive glycol.
- **Tubing resistant** to corrosive environments in the presence of chemical agents and solvents.
- **Excellent mechanical performance** in very high temperature applications.
- **UL94-V0-certified**, the FEP tubing is fire-resistant and thus protects installations from fire hazards.

Recommended applications

Compatible tubing for cooling renewable energy frequency converters

Mechanical performance and chemical resistance at high temperatures in the food industry

Tubing performance



Tube O.D	O.D Tolerance
4 mm	+0.05/-0.05
6 to 10 mm	+0.07/-0.07
12 mm	+0.10/-0.10

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1005T

Fluoropolymer (FEP) Tubing - Tubepack® 5 m

ØD ext.	ØD int.	R	Clear
4	2.5	20	1005T04 00 25
6	4	50	1005T06 00
8	6	70	1005T08 00
10	8	120	1005T10 00
12	10	180	1005T12 00

1025T

Fluoropolymer (FEP) Tubing - Tubepack® 25 m

ØD ext.	ØD int.	R	Clear
4	2.5	20	1025T04 00 25
6	4	50	1025T06 00
8	6	70	1025T08 00
10	8	120	1025T10 00
12	10	180	1025T12 00

1050T

Fluoropolymer (FEP) Tubing - Tubepack® 50 m

ØD ext.	ØD int.	R	Clear
4	2.5	20	1050T04 00 25
6	4	50	1050T06 00
8	6	70	1050T08 00

1100T

Fluoropolymer (FEP) Tubing - Tubepack® 100 m

ØD ext.	ØD int.	R	Clear
4	2.5	20	1100T04 00 25
6	4	50	1100T06 00
8	6	70	1100T08 00

LEGRIS PFA TUBING

PFA tubing, the highest-performance product in the Legris range, excels in harsh environments thanks to its exceptional resistance to temperature and chemicals, making it ideal for demanding applications such as the chemical and semiconductor industries.

Technical specifications

Material:	**Perfluoroalkoxy**
Fluids:	Compressed air, industrial water and treated water (with or without glycol)
Working pressure:	0 to 33 bar
Working temperature:	-40°C to +150°C
Diameter:	4 to 12 mm
Regulations:	RoHS, REACH, PED, UL94 V0, clear version: FDA and EC N° 1935/2004

Performance depends on the fluids, materials and connection used.

Benefits

PFA tubing offers all the advantages of FEP tubing, plus the following characteristics:

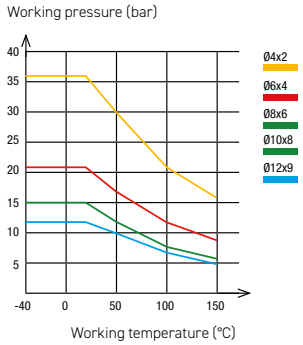
- **Superior chemical resistance** allowing it to be used in contact with highly corrosive fluids in the food, pharmaceutical and chemical industries.
- **Superior pressure resistance** at very high temperatures for demanding industrial applications.
- **Also available in an antistatic version** eliminating the risk of electrostatic discharge for applications in electronics or chemistry to reduce the risk of sparks.

Recommended applications

Resistance in a corrosive chemical environment

Antistatic properties meeting the requirements of the semiconductor industry

Tubing performance



Tube O.D	O.D Tolerance
4 to 8 mm	+0.10/-0.10
10 to 12 mm	+0.15/-0.15

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1050T..P

Fluoropolymer (PFA) Tubing - Tubepack® 50 m

ØD ext.	ØD int.	R	Clear	Crystal	Crystal	Crystal
4	2	25	1050T04P00	1050T04P12	1050T04P13	1050T04P14
6	4	40	1050T06P00	1050T06P12	1050T06P13	1050T06P14
8	6	60	1050T08P00	1050T08P12	1050T08P13	1050T08P14
10	8	95	1050T10P00			1050T10P14
12	9	145	1050T12P00		1050T12P13	1050T12P14

1100T..P

Fluoropolymer (PFA) Tubing - Tubepack® 100 m

ØD ext.	ØD int.	R	Clear
6	4	40	1100T06P00
8	6	60	1100T08P00

1010T..A

Fluoropolymer (PFA) Tubing - Tubepack® 10 m

ØD ext.	ØD int.	R	
4	2	25	1010T04A01
6	4	40	1010T06A01
8	6	60	1010T08A01
10	8	95	1010T10A01

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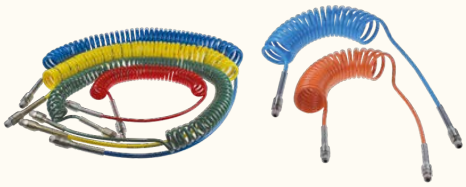
LEGRIS RECOILED TUBING



The recoiled tubing retains its shape over time, even after repeated use, providing an alternative to hose reels while delivering significant space savings and ease of use.

Technical specifications

	Material:	PU ester	PA
	Fluids:	Compressed air	Compressed air
	Working pressure:	0 to 10 bar	10^{-2} millibar to 20 bar
	Working temperature:	-20°C to +70°C	-20°C to +80°C
	Diameter:	4 to 12 mm	4 to 6 mm
	Regulations:	RoHS, REACH, PED	

Performance depends on the fluids, materials and connection used.

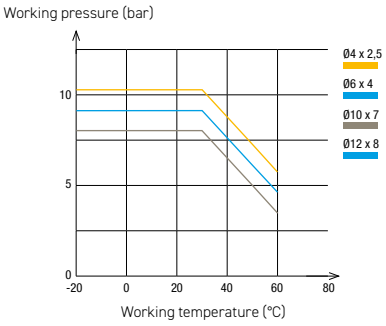
Benefits

- **Available with several types of connections,** this tubing is suitable for all types of installation.
- **The PU**, with a reduced coil diameter, offers a **compact solution** ideal for confined spaces.
- **PA guarantees excellent chemical and thermal resistance**, perfectly suited to the most demanding environments.

Recommended applications

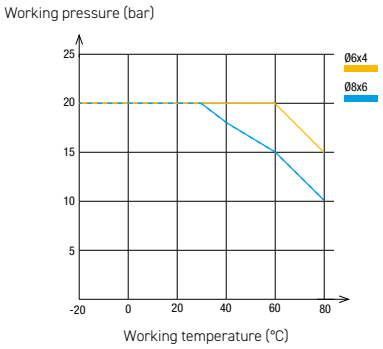
Simplified use with an blowgun for a tidy workstation

PU recoiled tubing performance



Tube O.D	Pass diameter	O.D Tolerance
8 mm	2.5 to 5.5 mm	+0.10/-0.10
10 to 12 mm	7 to 8 mm	+0.15/-0.15

PA recoiled tubing performance



Tube O.D	Pass diameter	O.D Tolerance
6 mm	4 mm	+0.05/-0.10
8 mm	6 mm	+0.05/-0.10

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1470U

Polyurethane (PU) Ester Recoil Tubing 2m, Male BSPT Fitting

ØD ext.	ØD int.	C				Closed overall length	Coil Ø
4	2.5	R1/8	1470U04 03 10	1470U04 04 10	1470U04 05 10	595	24
6	4	R1/4	1470U06 03 13	1470U06 04 13	1470U06 05 13	630	32
8	5	R1/4	1470U08 03 13	1470U08 04 13	1470U08 05 13	780	45
10	7	R1/4		1470U10 04 13	1470U10 05 13	780	65
12	8	R3/8	1470U12 03 17	1470U12 04 17	1470U12 05 17	780	75

Length of long straight section, O.D. < 8 mm: 300 mm Length of long straight section, O.D. ⩾ 8 mm: 500 mm
Length of short straight section, for all O.D.: 100 mm

1471U

Polyurethane (PU) Ester Recoil Tubing 4m, Male BSPT Fitting

ØD ext.	ØD int.	C				Closed overall length	Coil Ø
4	2.5	R1/8		1471U04 04 10		785	24
6	4	R1/4	1471U06 03 13	1471U06 04 13	1471U06 05 13	850	32
8	5	R1/4	1471U08 03 13	1471U08 04 13	1471U08 05 13	1000	45
10	7	R1/4	1471U10 03 13	1471U10 04 13	1471U10 05 13	1000	65
12	8	R3/8	1471U12 03 17	1471U12 04 17	1471U12 05 17	1140	75

Length of long straight section, O.D. < 8 mm: 300 mm Length of long straight section, O.D. ⩾ 8 mm: 500 mm
Length of short straight section, for all O.D.: 100 mm

1472U

Polyurethane (PU) Ester Recoil Tubing 6m, Male BSPT Fitting

ØD ext.	ØD int.	C				Closed overall length	Coil Ø
8	5	R1/4	1472U08 03 13	1472U08 04 13	1472U08 05 13	1230	45
10	7	R1/4		1472U10 04 13	1472U10 05 13	1140	65
12	8	R3/8	1472U12 03 17	1472U12 04 17	1472U12 05 17	1190	75

Length of long straight section, O.D. < 8 mm: 300 mm Length of long straight section, O.D. ⩾ 8 mm: 500 mm
Length of short straight section, for all O.D.: 100 mm

1470P

Polyamide (PA) Recoil Tubing 2 m, Male BSPT Fitting

ØD ext.	ØD int.	C			Closed overall length	Coil Ø
6	4	R1/4	1470P06 04 13	1470P06 07 13	320	60
8	6	R1/4	1470P08 04 13	1470P08 07 13	360	70

Short end length: 100 mm
Long end length: 300 mm

1471P

Polyamide (PA) Recoil Tubing 4 m, Male BSPT Fitting

ØD ext.	ØD int.	C			Closed overall length	Coil Ø
6	4	R1/4	1471P06 04 13	1471P06 07 13	440	60
8	6	R1/4	1471P08 04 13	1471P08 07 13	520	70

Short end length: 100 mm
Long end length: 300 mm

1472P

Polyamide (PA) Recoil Tubing 6 m, Male BSPT Fitting

ØD ext.	ØD int.	C			Closed overall length	Coil Ø
6	4	R1/4	1472P06 04 13		560	60
8	6	R1/4	1472P08 04 13	1472P08 07 13	680	70

Short end length: 100 mm
Long end length: 300 mm

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SP../050

Polyamide (PA) Coiled Hoses - 5 m

ØD ext.	ØD int.	C	With swivel fitting and protective spring	With coupling and Series 26 plug	Coil Ø
7.9	6.3	R1/4	SP08/050/DV	SP08/050/K+S	75
9.5	7.9	R1/4	SP10/050/DV	SP10/050/K+S	115
11.8	9.5	R3/8	SP12/050/DV	SP12/050/K+S	140
15.8	12.7	R1/2	SP16/050/DV		220

SP../075

Polyamide (PA) Coiled Hoses - 7.5 m

ØD ext.	ØD int.	C	With swivel fitting and protective spring	With coupling and Series 26 plug	Coil Ø
7.9	6.3	R1/4	SP08/075/DV	SP08/075/K+S	75
9.5	7.9	R1/4	SP10/075/DV	SP10/075/K+S	115
11.8	9.5	R3/8	SP12/075/DV	SP12/075/K+S	140
15.8	12.7	R1/2	SP16/075/DV		220

SP../100

Polyamide (PA) Coiled Hoses - 10 m

ØD ext.	ØD int.	C	With swivel fitting and protective spring	With coupling and Series 26 plug	Coil Ø
7.9	6.3	R1/4	SP08/100/DV	SP08/100/K+S	75
9.5	7.9	R1/4	SP10/100/DV	SP10/100/K+S	115
11.8	9.5	R3/8	SP12/100/DV	SP12/100/K+S	140
15.8	12.7	R1/2	SP16/100/DV		220

SP../150

Polyamide (PA) Coiled Hoses - 15 m

ØD ext.	ØD int.	C	With swivel fitting and protective spring	With coupling and Series 26 plug	Coil Ø
7.9	6.3	R1/4	SP08/150/DV	SP08/150/K+S	75
9.5	7.9	R1/4	SP10/150/DV	SP10/150/K+S	115
11.8	9.5	R3/8	SP12/150/DV	SP12/150/K+S	140
15.8	12.7	R1/2	SP16/150/DV		220

LEGRIS BRAIDED HOSE

For customers seeking a hose compatible with hose barb connectors in standard environments, Legris PVC hose is lightweight, flexible and highly resistant to mechanical stress.

Technical specifications

	Translucent PVC Technical PVC with polyester braiding	Blue PVC Technical PVC with polyester braiding
Material:		
Fluids:	Compressed air, industrial water	Compressed air
Working pressure:	0 to 15 bar	0 to 15 bar
Working temperature:	-20°C to +70°C	-20°C to +60°C
Diameter:	8 to 26 mm	14.5 to 26.5 mm
Regulations:	RoHS, REACH, PED, EC N° 1935/2004	RoHS, REACH, PED

Performance depends on the fluids, materials and connection used.

Benefits

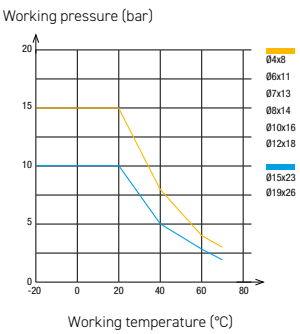
- **Three-layer flexible PVC hose reinforced with braided polyester fibres,** offering high mechanical strength and excellent durability.
- **Compatibility with hose barb connectors and Hose barbed couplers,** enabling connections with Legris fittings and Rectus fittings.
- **Translucent PVC version certified to EC Regulation N° 1935/2004** to meet the food industry requirements.

Recommended applications

Flexible hoses resistant to the movements of gripping robots

PVC Hose performance

Translucent PVC



Ø Hose type	Hose I.D	Hose I.D. Tolerance
Translucent PVC	4 to 6 mm 7 to 12 mm 15 to 19 mm	+0.5/-0.5 +0.6/-0.6 +0.8/-0.8
Blue PVC	6.3 mm 9 mm 12.7 mm	+0.3/-0.3 +0.5/-0.5 +0.6/-0.6

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1025V

Food-Grade Braided PVC Hose - Reel 25 m

ØD ext.	ØD int.	R	Clear
8	4	10	1025V08 00 04
11	6	12	1025V11 00 06
13	7	14	1025V13 00 07
14	8	16	1025V14 00 08
16	10	25	1025V16 00 10
18	12	30	1025V18 00 12
23	15	40	1025V23 00 15
26	19	60	1025V26 00 19

1050V

Food-Grade Braided PVC Hose - Reel 50 m

ØD ext.	ØD int.	R	Clear
11	6	12	1050V11 00 06
14	8	16	1050V14 00 08
16	10	25	1050V16 00 10
18	12	30	1050V18 00 12
23	15	40	1050V23 00 15
26	19	60	1050V26 00 19

1025V..C

Industrial-Grade Braided PVC Hose - Reel 25 m

ØD ext.	ØD int.	R	
14	9	63	1025V14C04 09
16	10	70	1025V16C04 10
19	12.7	89	1025V19C04 13
23	16	112	1025V23C04 16
27	19	145	1025V27C04 19

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LEGRIS SELF-FASTENING HOSE

Designed for harsh environments, particularly in automotive processes, Legris self-fastening hose combines optimal mechanical and chemical resistance with simplified installation thanks to Legris hose barb connectors.

Technical specifications

Material:	**Nitrile butadiene with polyamide braiding**
Fluids:	Compressed air, treated water (with or without glycol)
Working pressure:	0 to 16 bar
Working temperature:	-20°C to +100°C
Diameter:	6 to 20 mm
Regulations:	RoHS, REACH, PED

Performance depends on the fluids, materials and connection used.

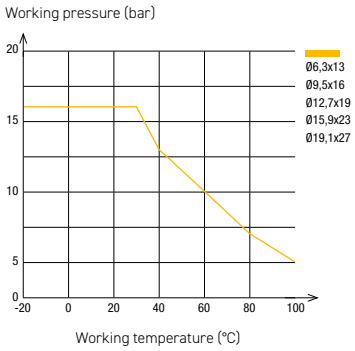
Benefits

- **Optimal balance** between low insertion force and excellent pull-out resistance, facilitating assembly while ensuring high pressure resistance.
- **Extruded tubing** continuous along its entire length, without seals, ensuring consistent dimensions and flow rate.
- **Resistant** to repeated bending, flames, sparks and UV rays, perfectly suited to demanding and aggressive environments.

Recommended applications

Automotive fitting application

Tubing performance



DN mm	Tube I.D	I.D Tolerance
6	6.3 mm	+0.4/-0.4
8	9.5 mm	+0.5/-0.5
12 16 20	12.7 mm 15.9 mm 19.1 mm	+0.6/-0.6

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1040H

Braided Self-Fastening NBR Hose - Drum 40 m

DN	ØD ext.	ØD int.	R				
6	13	6.3	60	1040H56 01	1040H56 02	1040H56 03	1040H56 04
8	16	9.5	70	1040H60 01	1040H60 02	1040H60 03	1040H60 04
12	19	12.7	120	1040H62 01	1040H62 02	1040H62 03	1040H62 04
16	23	15.9	140	1040H66 01	1040H66 02	1040H66 03	1040H66 04
20	27	19.1	170	1040H69 01	1040H69 02	1040H69 03	1040H69 04

1080H

Braided Self-Fastening NBR Hose - Drum 80 m

DN	ØD ext.	ØD int.	R				
16	23	15.9	140	1080H66 01	1080H66 02	1080H66 03	1080H66 04
20	27	19.1	170	1080H69 01	1080H69 02	1080H69 03	1080H69 04

1100H

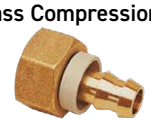
Braided Self-Fastening NBR Hose - Drum 100 m

DN	ØD ext.	ØD int.	R				
6	13	6.3	60		1100H56 02	1100H56 03	1100H56 04
8	16	9.5	70	1100H60 01	1100H60 02	1100H60 03	1100H60 04
12	19	12.7	120	1100H62 01	1100H62 02	1100H62 03	1100H62 04

Related Products

0132

Self-Fastening Barb Connector for Brass Compression Fitting



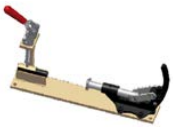
0133..39

Self-Fastening Barb Connector with Bi-Material Seal, Male BSPP Thread

0134

Self-Fastening Barb Connector, Male BSPT Thread

Find the sockets in the Connection Accessories section on page 316.



Recommended assembly tool: Parker 611050HV - Page 311

07

ESSENTIAL SUPPLEMENTS

Designed to meet all your connection needs, the Legris and Rectus range of accessories covers the entire circuit — from adapters to blowguns — for easy-to-assemble installations.

RELIABLE SOLUTIONS

Manufactured to the same quality standards as Legris fittings and Rectus couplers, the wide range of connection accessories guarantees the reliability and performance of installations, regardless of space constraints and environments.

WIDE AVAILABILITY

Versatile accessories available in various materials and shapes, readily sourced through our distributors for numerous uses.

CONNECTION ACCESSORIES

PRODUCTS OFFER

RANGE OF ACCESSORIES		Fluids	Materials (body/seal)	Maximum operating pressure (bar)	Temperature Min.	Temperature Max.	PAGE
ADAPTERS		Compressed air	Brass	200	-40°C	+150°C	294
		Compressed air and industrial water	Nickel-plated brass	60	-10°C	+80°C	298
		Compressed air and industrial water	Stainless steel	200	-20°C	+180°C	301
PLUGS		Compressed air	Brass	200	-60°C	+180°C	304
		Compressed air and industrial water	Nickel-plated brass				306
		Compressed air and industrial water	Steel				306
MANIFOLDS		Compressed air	Brass	20	-10°C	+80°C	308
		Compressed air	Aluminium				309
ACCESSORIES RANGE	for the fittings	Compressed air	The specifications of the accessories are linked to each range.				310
	for the couplers	Compressed air and industrial water					311
	for the tubes	Compressed air					312
	for the valves	Compressed air and industrial water					316
BLOWGUNS	Premium	Compressed air	Technical polymer/NBR/ nickel-plated brass	10	-20°C	+80°C	318
	energy-saving		Technical polymer/NBR/ nickel-plated brass	10	-20°C	+80°C	320
	Safety		Technical polymer/NBR/ nickel-plated brass	10	-20°C	+80°C	321
	Standard		Technical polymer/NBR/ aluminium	10	-20°C	+80°C	323
WATER PISTOLS AND WORKSHOP BLOWGUNS		Industrial water oils and lubricants	Treated zamak, nickel-plated brass/NBR	20	-20°C	+100°C	324

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WHAT TYPE OF FLUID DO YOU WISH TO CONVEY?

Parker offers ranges dedicated to **compressed air and neutral gases**.

Parker presents ranges specifically designed for **water**, including:

- *Industrial water (tap water)*
- *Treated water (deionised, pure and demineralised)*

All our solutions are compatible with glycol mixtures.

Parker offers ranges for **oils and lubricants**.

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LEGRIS RECTUS ADAPTERS

Legris Rectus adapters effectively complement installations equipped with Legris fittings and Rectus couplers, in standard, aggressive or corrosive environments. With a wide range of shapes, they allow for a variety of connection configurations.

Technical specifications

	Materials:	Brass	Nickel-plated brass	Stainless steel
	Fluids:	Compressed air	Compressed air	Air/industrial water and treated water
	Operating pressure:	200 bar	60 bar	200 bar
	Operating temperature:	-40°C to +150°C	-10°C to +80°C	- 40°C to +180°C
	Connection:	G1/8 to G3/4 R1/8 to R1 ¼ NPTF 1/8 to NPTF 3/4	M5x0.8 R1/8 to R ½	G1/8 to G1 R1/8 to R1 ¼ NPT to ½ NPT

Performance depends on the fluids, materials and tube used.

Benefits

- **Wide range of products:** thanks to the wide choice of adapter configurations, users are sure to find the right product for their specific needs, whether for connections, transitions or adaptations.
- **Robustness:** Legris Rectus adapters are manufactured from **high-quality** forged materials, guaranteeing excellent mechanical strength and corrosion resistance.

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0143
Equal Threaded Elbow, Female BSPP Thread

Brass

Scan for more dimensions

C	References
G1/8	0143 10 10
G1/4	0143 13 13
G3/8	0143 17 17
G1/2	0143 21 21
G3/4	0143 27 27

0144
Equal Stud Elbow, Male BSPT/Female BSPP Thread

Brass

Scan for more dimensions

C1	C2	References
R1/8	G1/8	0144 10 10
R1/4	G1/4	0144 13 13
R3/8	G3/8	0144 17 17
R1/2	G1/2	0144 21 21
R3/4	G3/4	0144 27 27

0152
Equal Elbow, Male BSPT Thread

Brass

Scan for more dimensions

C	References
R1/8	0152 10 10
R1/4	0152 13 13
R3/8	0152 17 17
R1/2	0152 21 21
R3/4	0152 27 27

0145
Equal Tee, Female BSPP Thread

Brass

Scan for more dimensions

C	References
G1/8	0145 10 10
G1/4	0145 13 13
G3/8	0145 17 17
G1/2	0145 21 21
G3/4	0145 27 27

0158
Stud Branch Tee, Male BSPT/Female BSPP Thread

Brass

Scan for more dimensions

C1	C2	References
R1/8	G1/8	0158 10 10
R1/4	G1/4	0158 13 13
R3/8	G3/8	0158 17 17
R1/2	G1/2	0158 21 21
R3/4	G3/4	0158 27 27

ZO
2 Way Manifold

Brass

Scan for more dimensions

A	References
G3/8 i.	ZO17
G1/2 i.	ZO21

DO
3 Way Manifold

Brass

Scan for more dimensions

A	References
G3/8 i.	DO17
G1/2 i.	DO21

YA
Female Y with one Male Thread

Brass

Scan for more dimensions

A	References
R1/8 o. / G1/8 i.	YA10
R1/4 o., G1/4 i.	YA13
R3/8 o., G3/8 i.	YA17
R1/2 o., G1/2 i.	YA21

2x Female Thread / 1x Male Thread con.

YI
Female Y

Brass

Scan for more dimensions

A	References
G1/8	YI10
G1/4	YI13
G3/8	YI17
G1/2	YI21

3x Female Thread

0117
Equal Bulkhead Coupling, Female BSPP and Metric Thread

Brass

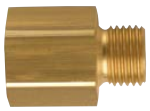
Scan for more dimensions

C	References
M5x0.8	0117 00 19
G1/8	0117 00 10
G1/4	0117 00 13
G3/8	0117 00 17
G1/2	0117 00 21
G3/4	0117 00 27
G1	0117 00 34
G1 1/4	0117 00 42
G1 1/2	0117 00 49

Delivered with not assembled nuts

RL
Reducing Bush, long

Brass



Scan for more dimensions

C1	C2	References
M5	M5	RL05/05
G1/8	M5	RL05/10
G1/8	G1/8	RL10/10*
G1/8	G1/4	RL10/13*
G1/4	G1/8	RL13/10*
G1/4	G1/4	RL13/13*
G1/4	G3/8	RL13/17*
G3/8	G1/2	RL17/13*
G3/8	G3/8	RL17/17*
G3/8	G1/2	RL17/21*
G1/2	G3/8	RL21/17*
G1/2	G1/2	RL21/21*
G1/2	G1/4	RL21/26*

* Inner Cone 45°
C1: Male Thread C2: Female Thread

0163
Unequal Reducer, Male BSPT/Female BSPP Thread

Brass

Scan for more dimensions

C1	C2	References
R1/4	G1/8	0163 13 10
R3/8	G1/8	0163 17 10
R3/8	G1/4	0163 17 13
R1/2	G1/8	0163 21 10
R1/2	G1/4	0163 21 13
R1/2	G3/8	0163 21 17
R3/4	G1/4	0163 27 13
R3/4	G3/8	0163 27 17
R3/4	G1/2	0163 27 21
R1	G3/4	0163 34 27

207ACBH
Bulkhead Union, Female NPTF Thread

Brass

Scan for more dimensions

C	References
NPTF1/8	207ACBH-2
NPTF1/4	207ACBH-4
NPTF3/8	207ACBH-6
NPTF1/2	207ACBH-8

* F and F1 in Inch dimensions

0164
Adaptor, Male NPT/Female BSPP Thread

Brass

Scan for more dimensions

C1	C2	References
NPT1/8	G1/8	0164 11 10
NPT1/4	G1/4	0164 14 13
NPT3/8	G3/8	0164 18 17
NPT1/2	G1/2	0164 22 21
NPT3/4	G3/4	0164 28 27

Adaptor for female socket of quick-acting mould couplers

0168
Reducer, Male BSPP/Female BSPP and Metric Thread

Brass, technical polymer

Scan for more dimensions

C1	C2	References
G1/8	M5x0.8	0168 10 19
G1/4	M5x0.8	0168 13 19
G1/4	G1/8	0168 13 10
G3/8	G1/8	0168 17 10
G3/8	G1/4	0168 17 13
G1/2	G1/8	0168 21 10
G1/2	G1/4	0168 21 13
G1/2	G3/8	0168 21 17
G3/4	G1/4	0168 27 13
G3/4	G3/8	0168 27 17
G3/4	G1/2	0168 27 21

With fitted captive seal

0155
Equal Connector, Female BSPP Thread

Brass

Scan for more dimensions

C	C1	References
G1/8		0155 10 10
G1/4	G1/8	0155 10 13
G1/4		0155 13 13
G3/8		0155 17 17
G1/2		0155 21 21
G3/4		0155 27 27
G1		0155 34 34

0167
Adaptor, Male BSPT/Female NPT Thread

Brass

Scan for more dimensions

C1	C2	References
R1/8	NPT1/8	0167 10 11
R1/4	NPT1/4	0167 13 14
R3/8	NPT3/8	0167 17 18
R1/2	NPT1/2	0167 21 22
R3/4	NPT3/4	0167 27 28

Adaptor for female socket of quick-acting mould couplers

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209P

Reducer, Male/Female NPTF Thread

Brass

Scan for more dimensions

C	C1	References
NPTF1/4	NPTF1/8	209P-4-2
NPTF3/8	NPTF1/8	209P-6-2
NPTF3/8	NPTF1/4	209P-6-4
NPTF1/2	NPTF1/8	209P-8-2
NPTF1/2	NPTF1/4	209P-8-4
NPTF1/2	NPTF3/8	209P-8-6
NPTF3/4	NPTF1/4	209P-12-4
NPTF3/4	NPTF3/8	209P-12-6
NPTF3/4	NPTF1/2	209P-12-8

* F in Inch dimensions

0169

Increaser, Male/Female BSPP Thread

Brass, technical polymer

Scan for more dimensions

C1	C2	References
G1/8	G1/4	0169 10 13
G1/8	G3/8	0169 10 17
G1/4	G3/8	0169 13 17
G1/4	G1/2	0169 13 21
G3/8	G1/2	0169 17 21
G3/8	G3/4	0169 17 27
G1/2	G3/4	0169 21 27

With fitted captive seal

FG43

Increaser, Female BSPP/Male BSPT Thread

Brass

Scan for more dimensions

C	C1	References
R1/8	G1/4	1/4X1/8FG43B
R1/8	G3/8	3/8X1/8FG43B
R1/4	G3/8	3/8X1/4FG43B
R1/2	G3/4	3/4X1/2FG43B

0121

Equal/Unequal Straight Male Adaptor, Male BSPT Thread

Brass

Scan for more dimensions

C1	C2	References
R1/8	R1/8	0121 10 10
R1/4	R1/8	0121 13 10
R1/4	R1/4	0121 13 13
R3/8	R1/8	0121 17 10
R3/8	R1/4	0121 17 13
R3/8	R3/8	0121 17 17
R1/2	R1/8	0121 21 10
R1/2	R1/4	0121 21 13
R1/2	R3/8	0121 21 17
R1/2	R1/2	0121 21 21
R3/4	R1/4	0121 27 13
R3/4	R3/8	0121 27 17
R3/4	R1/2	0121 27 21
R3/4	R3/4	0121 27 27
R1	R3/8	0121 34 17
R1	R1/2	0121 34 21
R1	R3/4	0121 34 27
R1	R1	0121 34 34
R1 1/4	R1/2	0121 42 21
R1 1/4	R3/4	0121 42 27
R1 1/4	R1	0121 42 34
R1 1/4	R1 1/4	0121 42 42

FF44

Equal Adaptor, Male BSPP Thread

Brass

Scan for more dimensions

C	References
G1/8	1/8FF44B
G1/4	1/4FF44B
G3/8	3/8FF44B
G1/2	1/2FF44B

These parts are supplied with two copper seals.

0121

Equal Adaptor, Male NPT/BSPT Thread

Brass

Scan for more dimensions

C1	C2	References
NPT1/8	R1/8	0121 11 10
NPT1/4	R1/4	0121 14 13
NPT3/8	R3/8	0121 18 17
NPT1/2	R1/2	0121 22 21
NPT3/4	R3/4	0121 28 27

0929..1

Equal 3-Piece Adaptor, Male BSPT Thread with seal

Brass

Scan for more dimensions

C	References
R1/8	0929 01 10
R1/4	0929 01 13
R3/8	0929 01 17
R1/2	0929 01 21
R3/4	0929 01 27
R1	0929 01 34

This connection accessory makes assembly much easier thanks to its 3-piece design.
To join 2 threaded components, simply push together and tighten the sleeve nut, thus reducing installation time.
Maximum working pressure: 50 bar.
Working temperature: -10° to +80°C. Supplied with seal

0912
Equal Stud Elbow, Female BSPP and Metric Thread

Nickel-plated brass

Scan for more dimensions

C	References
G1/8	0912 00 10
G1/4	0912 00 13
G3/8	0912 00 17
G1/2	0912 00 21
G3/4	0912 00 27
G1	0912 00 34

0921
Equal Stud Elbow, Male/Female and Metric Thread

Nickel-plated brass

Scan for more dimensions

C	References
M5x0.8	0921 00 19

0913
Equal Stud Elbow, Male BSPT/Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
R1/8	G1/8	0913 00 10
R1/4	G1/4	0913 00 13
R3/8	G3/8	0913 00 17
R1/2	G1/2	0913 00 21
R3/4	G3/4	0913 00 27
R1	G1	0913 00 34

0914
Equal Stud Elbow, Male BSPT Thread

Nickel-plated brass

Scan for more dimensions

C	References
R1/8	0914 00 10
R1/4	0914 00 13
R3/8	0914 00 17
R1/2	0914 00 21
R3/4	0914 00 27
R1	0914 00 34

0910
Equal Y, Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C	References
G1/8	0910 00 10
G1/4	0910 00 13
G3/8	0910 00 17
G1/2	0910 00 21

0911
Equal Y, Male BSPT/Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
R1/8	G1/8	0911 00 10
R1/4	G1/4	0911 00 13
R3/8	G3/8	0911 00 17
R1/2	G1/2	0911 00 21

0915
Equal Tee, Female BSPP and Metric Thread

Nickel-plated brass

Scan for more dimensions

C	References
M5x0.8	0915 00 19
G1/8	0915 00 10
G1/4	0915 00 13
G3/8	0915 00 17
G1/2	0915 00 21
G3/4	0915 00 27
G1	0915 00 34

0916
Equal Stud Run Tee, Female BSPP/ Male BSPT Thread BSPP Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
R1/8	G1/8	0916 00 10
R1/4	G1/4	0916 00 13
R3/8	G3/8	0916 00 17
R1/2	G1/2	0916 00 21
R3/4	G3/4	0916 00 27

0917
Equal Stud Run Tee, Female BSPP/ Male BSPT Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
R1/8	G1/8	0917 00 10
R1/4	G1/4	0917 00 13
R3/8	G3/8	0917 00 17
R1/2	G1/2	0917 00 21
R3/4	G3/4	0917 00 27

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0927
Equal Tee, Male BSPT Thread

Nickel-plated brass

Scan for more dimensions

C	References
R1/8	0927 00 10
R1/4	0927 00 13
R3/8	0927 00 17
R1/2	0927 00 21
R3/4	0927 00 27

0928
Equal Stud Branch Tee, Male BSPT/ Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
R1/8	G1/8	0928 00 10
R1/4	G1/4	0928 00 13
R3/8	G3/8	0928 00 17
R1/2	G1/2	0928 00 21

0932
Equal Stud Run Tee, Male BSPT/ Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
R1/8	G1/8	0932 00 10
R1/4	G1/4	0932 00 13
R3/8	G3/8	0932 00 17
R1/2	G1/2	0932 00 21
R3/4	G3/4	0932 00 27

0908
Equal Cross, Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C	References
G1/8	0908 00 10
G1/4	0908 00 13
G3/8	0908 00 17
G1/2	0908 00 21

0909
Equal Cross, Male BSPT/Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
R1/8	G1/8	0909 00 10
R1/4	G1/4	0909 00 13
R3/8	G3/8	0909 00 17
R1/2	G1/2	0909 00 21

0178
Reducer, Male/Female BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

C1	C2	References
G1/8	M5x0.8	0178 10 19
G1/4	G1/8	0178 13 10
G3/8	G1/8	0178 17 10
G3/8	G1/4	0178 17 13
G1/2	G1/4	0178 21 13
G1/2	G3/8	0178 21 17
G3/4	G1/2	0178 27 21

With integrated O-ring seal

0903
Reducer, Male/Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
G1/4	G1/8	0903 10 13
G3/8	G1/4	0903 13 17
G1/2	G3/8	0903 17 21
G3/4	G1/2	0903 21 27
G1	G3/4	0903 27 34

C1: external thread / C2: internal thread

0904
Reducer, Male BSPT/Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
R1/4	G1/8	0904 10 13
R3/8	G1/8	0904 10 17
R1/2	G1/8	0904 10 21
R3/8	G1/4	0904 13 17
R1/2	G1/4	0904 13 21
R1/2	G3/8	0904 17 21
R3/4	G3/8	0904 17 27
R3/4	G1/2	0904 21 27
R1	G1/2	0904 21 34
R1	G3/4	0904 27 34

0905
Reducer, Male BSPP/Female BSPP and Metric Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
G1/8	M5x0.8	0905 19 10
G1/4	G1/8	0905 10 13
G3/8	G1/8	0905 10 17
	G1/4	0905 13 17
G1/2	G1/4	0905 13 21
	G3/8	0905 17 21
G3/4	G3/8	0905 17 27
	G1/2	0905 21 27

0906

Increaser, Male BSPP and Metric/Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
M5x0.8	G1/8	0906 10 19
G1/8	G1/8	0906 00 10
	G1/4	0906 10 13
	G3/8	0906 10 17
G1/4	G1/4	0906 00 13
	G3/8	0906 13 17
	G1/2	0906 13 21
G3/8	G3/8	0906 00 17
	G1/2	0906 17 21
G1/2	G1/2	0906 00 21

0933

Increaser, Male BSPT/Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
R1/8	G1/8	0933 00 10
R1/4	G1/4	0933 00 13
R3/8	G3/8	0933 00 17
R1/2	G1/2	0933 00 21
R1/8	G1/4	0933 10 13
R1/4	G3/8	0933 13 17
R1/4	G1/2	0933 13 21
R3/8	G1/2	0933 17 21
R1/2	G3/4	0933 21 27

0907

Equal Extended Adaptor, Male/Female BSPP Thread

Nickel-plated brass

Scan for more dimensions

C	References
G1/8	0907 00 10
	0907 00 10 01
G1/4	0907 00 13
	0907 00 13 01

0920

Bulkhead Connector, Female BSPP and Metric Thread

Nickel-plated brass

Scan for more dimensions

C	C1	References
M5x0.8	M10x1	0920 00 19
G1/8	M16x1.5	0920 00 10
G1/4	M20x1.5	0920 00 13
G3/8	M26x1.5	0920 00 17
G1/2	M28x1.5	0920 00 21

0900

Equal and Unequal Adaptor, Male BSPT Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
R1/8	R1/8	0900 00 10
	R1/4	0900 10 13
	R3/8	0900 10 17
R1/4	R1/4	0900 00 13
	R3/8	0900 13 17
	R1/2	0900 13 21
R3/8	R3/8	0900 00 17
	R1/2	0900 17 21
R1/2	R1/2	0900 00 21
	R3/4	0900 21 27
R3/4	R3/4	0900 00 27
	R1	0900 27 34
R1	R1	0900 00 34

0901

Equal and Unequal Adaptor, Male BSPP and Metric Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
M5x0.8	M5x0.8	0901 00 19
	G1/8	0901 19 10
G1/8	G1/8	0901 00 10
	G1/4	0901 10 13
G1/4	G1/4	0901 00 13
	G3/8	0901 13 17
	G1/2	0901 13 21
G3/8	G3/8	0901 00 17
	G1/2	0901 17 21
G1/2	G1/2	0901 00 21

0902

Equal and Unequal Adaptor, Female BSPP and Metric Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
M5x0.8	M5x0.8	0902 00 19
	G1/8	0902 19 10
G1/8	G1/8	0902 00 10
	G1/4	0902 10 13
	G3/8	0902 10 17
G1/4	G1/4	0902 00 13
	G3/8	0902 13 17
	G1/2	0902 13 21
G3/8	G3/8	0902 00 17
	G1/2	0902 17 21
G1/2	G1/2	0902 00 21
	G3/4	0902 21 27
G3/4	G3/4	0902 00 27

0192

Unequal Straight Adaptor, Male BSPT/BSPP Thread

Nickel-plated brass

Scan for more dimensions

C1	C2	References
R1/8	G1/4	0192 10 13
R1/4	G1/4	0192 13 13
R1/4	G1/2	0192 13 21
R3/8	G1/4	0192 17 13
R3/8	G1/2	0192 17 21
R1/2	G1/2	0192 21 21

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1844
Equal Stud Elbow, Male BSPT/Female BSPP Thread

Stainless steel 316L

Scan for more dimensions

C1	C2	References
R1/8	G1/8	1844 10 10
R1/4	G1/4	1844 13 13
R3/8	G3/8	1844 17 17
R1/2	G1/2	1844 21 21
R3/4	G3/4	1844 27 27
R1	G1	1844 34 34

1843
Equal Elbow, Female BSPP Thread

Stainless steel 316L

Scan for more dimensions

C	References
G1/8	1843 10 10
G1/4	1843 13 13
G3/8	1843 17 17
G1/2	1843 21 21
G3/4	1843 27 27
G1	1843 34 34

1845
Equal Tee, Female BSPP Thread

Stainless steel 316L

Scan for more dimensions

C	References
G1/8	1845 10 10
G1/4	1845 13 13
G3/8	1845 17 17
G1/2	1845 21 21
G3/4	1845 27 27
G1	1845 34 34

1817
Equal Bulkhead Adaptor, Female BSPP Thread

Stainless steel 316L

Scan for more dimensions

C	References
G1/8	1817 00 10
G1/4	1817 00 13
G3/8	1817 00 17
G1/2	1817 00 21
G3/4	1817 00 27
G1	1817 00 34

1871
Equal Bulkhead Adaptor, Female NPT Thread

Stainless steel 316L

Scan for more dimensions

C	References
NPT1/8	1871 00 11
NPT1/4	1871 00 14
NPT3/8	1871 00 18
NPT1/2	1871 00 22

1855
Equal Connector, Female BSPP Thread

Stainless steel 316L

Scan for more dimensions

C	References
G1/8	1855 10 10
G1/4	1855 13 13
G3/8	1855 17 17
G1/2	1855 21 21
G3/4	1855 27 27
G1	1855 34 34

1870
Equal Connector, Female NPT Thread

Stainless steel 316L

Scan for more dimensions

C	References
NPT1/8	1870 11 11
NPT1/4	1870 14 14
NPT3/8	1870 18 18
NPT1/2	1870 22 22

1862
Reducer Connector, Female BSPP Thread

Stainless steel 316L

Scan for more dimensions

C1	C2	References
G1/4	G1/8	1862 13 10
G3/8	G1/8	1862 17 10
	G1/4	1862 17 13
G1/2	G1/4	1862 21 13
	G3/8	1862 21 17
G3/4	G1/2	1862 27 21
G1	G3/4	1862 34 27

1864

Adaptor, Male NPT/Female BSPP Thread

Stainless steel 316L

Scan for more dimensions

C1	C2	References
NPT1/8	G1/8	1864 11 10
NPT1/4	G1/4	1864 14 13
NPT3/8	G3/8	1864 18 17
NPT1/2	G1/2	1864 22 21

1867

Adaptor, Male BSPT/Female NPT Thread

Stainless steel 316L

Scan for more dimensions

C1	C2	References
R1/8	NPT1/8	1867 10 11
R1/4	NPT1/4	1867 13 14
R3/8	NPT3/8	1867 17 18
R1/2	NPT1/2	1867 21 22

1863

Reducer, Male BSPT/Female BSPP Thread

Stainless steel 316L

Scan for more dimensions

C1	C2	References
R1/4	G1/8	1863 13 10
R3/8	G1/8	1863 17 10
	G1/4	1863 17 13
R1/2	G1/4	1863 21 13
	G3/8	1863 21 17
R3/4	G1/2	1863 27 21
R1	G3/4	1863 34 27

1872

Reducer, Male/Female NPT Thread

Stainless steel 316L

Scan for more dimensions

C1	C2	References
NPT1/4	NPT1/8	1872 14 11
NPT3/8	NPT1/8	1872 18 11
NPT3/8	NPT1/4	1872 18 14
NPT1/2	NPT1/4	1872 22 14
NPT1/2	NPT3/8	1872 22 18

1861

Increaser, Male BSPT/Female BSPP Thread

Stainless steel 316L

Scan for more dimensions

C1	C2	References
R1/8	G1/4	1861 10 13
R1/8	G3/8	1861 10 17
R1/4	G3/8	1861 13 17
R1/4	G1/2	1861 13 21
R3/8	G1/2	1861 17 21
R1/2	G3/4	1861 21 27
R3/4	G1	1861 27 34

1873

Increaser, Male/Female NPT Thread

Stainless steel 316L

Scan for more dimensions

C1	C2	References
NPT1/8	NPT1/4	1873 11 14
	NPT3/8	1873 11 18
NPT1/4	NPT3/8	1873 14 18
	NPT1/2	1873 14 22
NPT3/8	NPT1/2	1873 18 22

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1821

Equal and Unequal Adaptor, Male BSPT Thread

Stainless steel 316L

Scan for more dimensions

C1	C2	References
R1/8	R1/8	1821 10 10
R1/4	R1/8	1821 13 10
	R1/4	1821 13 13
R3/8	R1/4	1821 17 13
	R3/8	1821 17 17
R1/2	R3/8	1821 21 17
	R1/2	1821 21 21
R3/4	R1/2	1821 27 21
	R3/4	1821 27 27
R1	R3/4	1821 34 27
	R1	1821 34 34

1821

Equal Adaptor, Male NPT Thread

Stainless steel 316L

Scan for more dimensions

C	References
NPT1/8	1821 11 11
NPT1/4	1821 14 14
NPT3/8	1821 18 18
NPT1/2	1821 22 22

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LEGRIS PLUGS

Legris plugs are designed to combine compactness and robustness to effectively seal circuits.

Technical specifications

	Materials:	Brass	Nickel-plated brass	Steel	Stainless steel
	Fluids:	Compressed air	Compressed air	Compressed air	Compressed air and industrial water
	Operating pressure:	200 bar	60 bar	200 bar	200 bar
	Operating temperature:	-40°C to +150°C	-10°C to +80°C	-10°C to +80°C	- 40°C to +180°C
	Connection:	M6x1 to M30x2 R1/16 to R2 NPT 1/8 to NPT 1 NPTF1/8 to NPTF1/2	M5x0.8 to M7x1 G1/8 to G1 R1/8 to R1/2	M8x1.25 G1/8 to G1 R1/8 to R 1 ½ NPT1/16 to NPT1	R1/8 to R 1 1/8 NPT to 1/2 NPT

Performance depends on the fluids, materials and tube used.

Benefits

- **Designed in several materials,** they offer a choice suited to environments ranging from **standard conditions to the most aggressive ones**.
- **Compact models** of internal hexagon plugs are perfectly suited for applications in confined spaces.

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BRASS VERSIONS

0205
Internal Hexagon Head Plug, Male BSPT Thread

Brass

Scan for more dimensions

C	References
R1/16	0205 07 00
R1/8	0205 10 00
R1/4	0205 13 00
R3/8	0205 17 00
R1/2	0205 21 00
R3/4	0205 27 00
R1	0205 34 00
R1 1/4	0205 42 00
R1 1/2	0205 49 00
R2	0205 48 00

For BSPT plugs from 1/2" to 1 1/2" inclusive:
General characteristics in accordance with DIN 906.
Thread in accordance with EN 10226-1.

0205
Internal Hexagon Head Plug, Male NPT Thread

Brass

Scan for more dimensions

C	References
NPT1/8	0205 11 00
NPT1/4	0205 14 00
NPT3/8	0205 18 00
NPT1/2	0205 22 00
NPT3/4	0205 28 00
NPT1	0205 35 00

0209
Square Head Plug, Male BSPT Thread

Brass

Scan for more dimensions

C	References
R1/8	0209 10 00
R1/4	0209 13 00
R3/8	0209 17 00
R1/2	0209 21 00
R3/4	0209 27 00

General characteristics in accordance with DIN 906.
Thread in accordance with EN 10226-1.

0200
Hex Head Plug, Male BSPP and Metric Thread

Brass

Scan for more dimensions

C	References
M6x1	0200 52 00
M8x1.25	0200 57 00
M10x1	0200 60 00
M12x1	0200 65 00
M12x1.25	0200 66 00
G1/8	0200 10 00
G1/4	0200 13 00

0201
Hex Head Plug with Collar, Male BSPP and Metric Thread

Brass

Scan for more dimensions

C	References
M16x1.5	0201 75 00
M18x1.5	0201 78 00
M20x1.5	0201 80 00
M22x1.5	0201 82 00
M24x1.5	0201 83 00
M24x2	0201 92 00
M30x2	0201 88 00
G3/8	0201 17 00
G1/2	0201 21 00
G3/4	0201 27 00
G1	0201 34 00
G1 1/4	0201 42 00

0202
Internal Hexagon Head Plug with Collar, Male Metric Thread

Brass

Scan for more dimensions

C	References
M12x1	0202 65 00
M12x1.25	0202 66 00
M14x1.5	0202 71 00
M16x1.5	0202 75 00
M18x1.5	0202 78 00
M20x1.5	0202 80 00
M22x1.5	0202 82 00
M27x2	0202 86 00
M30x2	0202 88 00

Parallel metric threads, ISO standard NFE 03-054

VZ
Blanking Plug - Socket Pipe (DIN 908)

Brass

Scan for more dimensions

A	References
M5	VZ05
G1/8	VZ10
G1/4	VZ13
G3/8	VZ17
G1/2	VZ21
G3/4	VZ26

HP3
Hexagon Head Plug, Male BSPT Thread

Brass

Scan for more dimensions

C	References
R1/8	1/8HP3B
R1/4	1/4HP3B
R3/8	3/8HP3B
R1/2	1/2HP3B
R3/4	3/4HP3B

NICKEL-PLATED BRASS VERSIONS

0222
Internal Hex Plug, Male BSPP and Metric Thread

Nickel-plated brass, NBR

Scan for more dimensions

C	References
M5x0.8	0222 19 00
M7x1	0222 55 00
G1/8	0222 10 00
G1/4	0222 13 00
G3/8	0222 17 00
G1/2	0222 21 00

With integrated O-ring seal

0936
Internal Hexagon Head Plug, Male BSPT Thread

Nickel-plated brass

Scan for more dimensions

C	References
R1/8	0936 00 10
R1/4	0936 00 13
R3/8	0936 00 17
R1/2	0936 00 21

0919
Internal Hexagon Head Plug, Male BSPP and Metric Thread without seal

Nickel-plated brass

Scan for more dimensions

C	References
M5x0.8	0919 00 19
G1/8	0919 00 10
G1/4	0919 00 13
G3/8	0919 00 17
G1/2	0919 00 21
G3/4	0919 00 27
G1	0919 00 34

0919..1
Internal Hexagon Head Plug, Male BSPP and Metric Thread with seal

Nickel-plated brass

C	References
G1/8	0919 01 10
G1/4	0919 01 13
G3/8	0919 01 17
G1/2	0919 01 21

STEEL VERSIONS

0206
Internal Hexagon Head Plug, Male BSPT Thread

Steel

Scan for more dimensions

C	References
R1/8	0206 10 00
R1/4	0206 13 00
R3/8	0206 17 00
R1/2	0206 21 00
R3/4	0206 27 00
R1	0206 34 00
R1 1/4	0206 42 00
R1 1/2	0206 49 00

General characteristics in accordance with DIN 906.
Thread in accordance with EN 10226-1.

0206
Internal Hexagon Head Plug, Male NPT Thread

Steel

Scan for more dimensions

C	References
NPT1/16	0206 08 00
NPT1/8	0206 11 00
NPT1/4	0206 14 00
NPT3/8	0206 18 00
NPT1/2	0206 22 00
NPT3/4	0206 28 00
NPT1	0206 35 00

0210
Hex Head Plug, Male BSPP and Metric Thread

Steel

Scan for more dimensions

C	References
M8x1.25	0210 57 00
G1/8	0210 10 00
G1/4	0210 13 00
G3/8	0210 17 00
G1/2	0210 21 00
G3/4	0210 27 00
G1	0210 34 00

Groove profile according to DIN 3852-1, form D/E.
BSPP thread, ISO 228-1.
Metric ISO cylindrical thread, NFE 03-054.

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0216
Hex Head Plug, Male BSPT Thread

Steel

Scan for more dimensions

C	References
R1/8	0216 10 00
R1/4	0216 13 00
R3/8	0216 17 00
R1/2	0216 21 00

BSPT thread conforms to EN 10226-1

0216
Hex Head Plug, Male NPT Thread

Steel

Scan for more dimensions

C	References
NPT1/8	0216 11 00
NPT1/4	0216 14 00
NPT1/2	0216 22 00

STAINLESS STEEL VERSIONS

0285
Internal Hexagon Head Plug, Male BSPT Thread

Stainless steel 316L

Scan for more dimensions

C	References
R1/8	0285 10 00
R1/4	0285 13 00
R3/8	0285 17 00
R1/2	0285 21 00
R3/4	0285 27 00
R1	0285 34 00

Conforms to DIN 906. Thread: EN 10226-1

0285
Internal Hexagon Head Plug, Male NPT Thread

Stainless steel 316L

Scan for more dimensions

C	References
NPT1/8	0285 11 00
NPT1/4	0285 14 00
NPT3/8	0285 18 00
NPT1/2	0285 22 00

Conforms to ANSI B1.20.1

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LEGRIS MANIFOLDS

Designed to connect threaded fittings or tubes using push-in fitting technology, Legris manifolds enable rapid installation and offer optimal modularity for pneumatic circuits.

Technical specifications

	Materials:	Brass	Anodised aluminium
	Fluids:	Compressed air	Compressed air and industrial water
	Operating pressure:	20 bar	20 bar
	Operating temperature:	-10°C to +80°C	-10°C to +80°C
	Connection:	G 1/4 to G 3/4	G 1/8 to G 1/2

Performance depends on the fluids, materials and tube used.

Benefits

- **Lightweight and strong:** Legris manifolds, made of anodised aluminium, combine lightness with resistance to harsh environments, making them particularly suitable for repeated assembly and disassembly operations.
- **Models equipped with push-in fittings** (models 3310) save assembly time and provide a very high level of sealing.

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BRASS VERSIONS

0135
Manifold Block, Female BSPP Thread

Brass

Scan for more dimensions

C	References
G1/4	0135 06 13
G1/4	0135 09 13
G1/2	0135 06 21
G1/2	0135 09 21
G3/4	0135 10 27

This product is designed to distribute in several directions.

TREATED ALUMINIUM VERSIONS

3311
Manifold, Female BSPP and Metric Thread

C2

C1

Treated aluminium

Scan for more dimensions

C1	C2	References
G1/4	G1/8	3311 10 13 02
	G1/8	3311 10 13 03
	G1/8	3311 10 13 04
	G1/8	3311 10 13 05
	G1/8	3311 10 13 06
G3/8	G1/4	3311 13 17 02
	G1/4	3311 13 17 03
	G1/4	3311 13 17 04
	G1/4	3311 13 17 05
	G1/4	3311 13 17 06

3312
Cross Manifold, Female BSPP and Metric Thread

Treated aluminium

Scan for more dimensions

C	References
G1/8	3312 00 10
G1/4	3312 00 13
G3/8	3312 00 17
G1/2	3312 00 21

3313
Double Manifold, Female BSPP Thread

C2

C1

Treated aluminium

Scan for more dimensions

C1	C2	References
G1/4	G1/8	3313 10 13 02
	G1/8	3313 10 13 03
	G1/8	3313 10 13 04
	G1/8	3313 10 13 05
G3/8	G1/4	3313 13 17 02
	G1/4	3313 13 17 03
	G1/4	3313 13 17 04
	G1/4	3313 13 17 05
G1/2	G1/4	3313 13 21 03
	G1/4	3313 13 21 04
	G1/4	3313 13 21 05

3310
In-Line Manifold

Treated aluminium, NBR

Scan for more dimensions

ØD	C	Number of Outlets	References
4	G1/4	8	3310 04 13
6	G1/4	8	3310 06 13
8	G3/8	6	3310 08 17
10	G1/2	6	3310 10 21
12	G1/2	6	3310 12 21

ACCESSORIES FOR THE LEGRIS AND RECTUS RANGES

Parker offers a range of accessories to facilitate installation and ensure safe use of Legris and Rectus products.

Push-in fittings accessories

Installation guide

Safety clip

1. Assemble the clip **2.** Connect the tube **3.** Cut the clip using pliers **4.** Remove the clip **5.** Release the tube

Coloured Release Button Covers

The release-button covers in different colours can be fitted onto the push buttons of LF 3000® and LIQUIfit® fittings.

Removable, they are available in 5 colours and allow you to use a tracking code on the circuits.

3110

Coloured Release Button Covers

Scan for more dimensions

ØD	○				
4	3110 04 00	3110 04 02	3110 04 03	3110 04 04	3110 04 05
6	3110 06 00	3110 06 02	3110 06 03	3110 06 04	3110 06 05
8	3110 08 00	3110 08 02	3110 08 03	3110 08 04	3110 08 05
10	3110 10 00	3110 10 02	3110 10 03	3110 10 04	3110 10 05

3130

Tamper-Proof Safety Clip

Technical polymer

Scan for more dimensions

ØD	References
6	3130 06 03
8	3130 08 03
10	3130 10 03
12	3130 12 03
14	3130 14 03
16	3130 16 03
1/4	3130 56 03

3000 70

Disconnection Tool

Treated steel

Scan for more dimensions

Reference
3000 70 00

For disconnecting LF 3000® tube-to-fitting connections. This tool can be used with tubing of outside diameters 4, 5, 6, 8, 10, 12 and 14 mm.

Installation guide

In the event of difficult access, it is recommended to use this dismantling tool.

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

COUPLERS ACCESSORIES

SK
Dust Protection for coupling and plug

Thermo Flex or Euro Flex

Reference	Matériaux	Couleur
SK12S	Thermo Flex	Bleu
SK16S	Euro Flex	Rouge
SK23S	Thermo Flex	Bleu
SK27S	Thermo Flex	Bleu

Flame resistance: UL-V0
Temperature range: -25°C to 120°C

FA
Swivel Joint

Nickel-plated steel

A	References
G1/4 i. x G1/4 o.	FA13A13ISPN
G3/8 i. x G3/8 o.	FA17A17ISPN

TUBING AND HOSE ACCESSORIES

3000 71 00
Tube Cutter

Technical polymer

References
3000 71 00
3000 71 00 05

This tool is designed to give a clean cut at right angles to the tube axis for all resilient polymer tubing (polyamide,polyurethane, FEP, polyethylene, etc.) from 4 mm to 16 mm diameter inclusive.
Replacement blades: part number 3000 71 00 05.
A spring maintains the cutter in the closed position.

3000 71 11
Tube Cutter

Treated steel

References
3000 71 11
3000 71 11 05

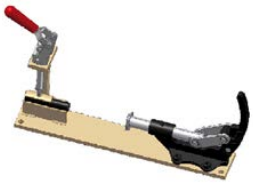
Replacement blades: part number 3000 71 11 05

6000 71 00
Stripping Tool for Anti-Spark Tubing

Technical polymer, stainless steel

Reference
6000 71 00

PARKER tool 611050HV
Sleeve assembly tool for self fastening hoses



0127

Brass Tube Support for Polymer Tubing

Brass

Scan for more dimensions

ØD1	ØD2	References
4	2	0127 04 00
	2.5	0127 04 25
	2.7	0127 04 27
5	3	0127 05 03
	3.3	0127 05 00
6	4	0127 06 00
8	5.5	0127 08 55
	6	0127 08 00
10	7	0127 10 07
	7.5	0127 10 75
	8	0127 10 00
12	8	0127 12 08
	9	0127 12 09
	10	0127 12 00
14	11	0127 14 11
	12	0127 14 00
15	12	0127 15 12
16	13	0127 16 13
18	14	0127 18 14
22	16	0127 22 16

At high temperatures and pressures, the use of a lining ensures good adhesion by preventing the tube from shrinking.

1827

Stainless Steel Tube Support for Fluoropolymer Tubing

Stainless steel 316L

Scan for more dimensions

ØD	C	References
6	4	1827 06 00
8	6	1827 08 00
10	8	1827 10 00
12	9	1827 12 09
	10	1827 12 00
16	13	1827 16 13
	14	1827 16 00

This lining must be used with the fluoropolymer tube at all temperatures and pressures compatible with the connector/tube assembly.

0697

Clip for Braided Tubing

Treated steel

Scan for more dimensions

ØD	References
6-11	0697 00 01
10-16	0697 00 02
12-22	0697 00 03
16-27	0697 00 04
20-32	0697 00 05

CLIP

Clip Strip for Tubing and Fittings

Technical polymer

Scan for more dimensions

ØD	Number of Outlets	References
4	8	CLIP 04 00
6	8	CLIP 06 00
8	7	CLIP 08 00
10	6	CLIP 10 00
12	5	CLIP 12 00
14	4	CLIP 14 00

Delivered in boxes of 10 strips of the same diameter (with 9.5 mm long self-tapping screws). These clips can be used with both metric tubing and equivalent inch tubing.

Clip Strips

The clips enable the tubes to be fixed with minimal space requirements.

0136

Tailpiece Adaptor for Flexible Tubing, Male BSPT Thread

Brass

Scan for more dimensions

Int. D	ØD1	ØD2	C	References
6	4	4.3	R1/8	0136 06 10
	4	4.3	R1/4	0136 06 13
	4	4.3	R3/8	0136 06 17
8	6	6.4	R1/8	0136 08 10
	6	6.4	R1/4	0136 08 13
	6	6.4	R3/8	0136 08 17
10	8	8.4	R1/4	0136 10 13
	8	8.4	R3/8	0136 10 17
	8	8.4	R1/2	0136 10 21
12	10	10.7	R1/4	0136 12 13
	10	10.7	R3/8	0136 12 17
	10	10.7	R1/2	0136 12 21
14	12	12.7	R1/4	0136 14 13
	12	12.7	R3/8	0136 14 17
	12	12.7	R1/2	0136 14 21
	12	12.7	R3/4	0136 14 27
16	13	13.7	R3/8	0136 16 17
	13	13.7	R1/2	0136 16 21
	13	13.7	R3/4	0136 16 27

0934

Tailpiece Adaptor for Polymer Tubing, Male BSPT Thread

Nickel-plated brass

Scan for more dimensions

Int. D	C	References
6	R1/8	0934 06 10
	R1/4	0934 06 13
7	R1/8	0934 07 10
	R1/4	0934 07 13
8	R1/8	0934 08 10
	R1/4	0934 08 13
9	R1/4	0934 09 13
	R3/8	0934 09 17
	R1/2	0934 09 21
10	R1/8	0934 10 10
	R1/4	0934 10 13
	R3/8	0934 10 17
	R1/2	0934 10 21
12	R1/4	0934 12 13
	R3/8	0934 12 17
	R1/2	0934 12 21
14	R3/8	0934 14 17
	R1/2	0934 14 21
16	R3/8	0934 16 17
	R1/2	0934 16 21
	R3/4	0934 16 27
17	R1/2	0934 17 21
18	R3/8	0934 18 17
	R1/2	0934 18 21
	R3/4	0934 18 27
20	R1/2	0934 20 21

0935

Tailpiece Adaptor for Polymer Tubing, Male BSPP Thread

Nickel-plated brass

Scan for more dimensions

Int. D	C	References
6	G1/8	0935 06 10
8	G1/4	0935 08 13

0694

Push-In Fitting with Protection Spring, MaleBSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
8	G1/4	0694 08 13
10	G1/4	0694 10 13
12	G3/8	0694 12 17

0695

Push-In Fitting with Protection Spring, MaleBSPT Thread

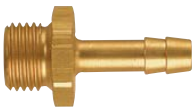
Nickel-plated brass, NBR

Scan for more dimensions

ØD	C	References
8	R1/4	0695 08 13
10	R1/4	0695 10 13
12	R3/8	0695 12 17

GT
Hose Tail Barb

Brass



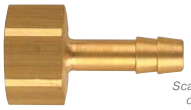
Scan for more dimensions

Int. D	C	References
3	M5	GT05/03
4	M5	GT05/04
	M6	GT06/04
6	G1/2*	GT21/06
4	G1/8*	GT10/04
6	G1/8*	GT10/06
8	G1/8*	GT10/08
9	G1/8*	GT10/09
4	G1/4*	GT13/04
6	G1/4*	GT13/06
8	G1/4*	GT13/08
9	G1/4*	GT13/09
10	G1/4*	GT13/10
3	G1/4*	GT13/13
6	G3/8*	GT17/06
8	G3/8*	GT17/08
9	G3/8*	GT17/09
10	G3/8*	GT17/10
13	G3/8*	GT17/13
9	G1/2*	GT21/09
10	G1/2	GT21/10
13	G1/2*	GT21/13
16	G1/2	GT21/16
19	G1/2	GT21/19
13	G3/4*	GT26/13
16	G3/4*	GT26/16
19	G3/4*	GT26/19
25	G1*	GT33/25

Male thread (* 45° internal cone)

GI
Hose Tail Barb

Brass



Scan for more dimensions

Int. D	C	References
6	G1/8	GI10/06
6	G1/4	GI13/06
8	G1/4	GI13/08
9	G1/4	GI13/09
13	G1/4	GI13/13
8	G3/8	GI17/08
9	G3/8	GI17/09
13	G3/8	GI17/13
8	G1/2	GI21/08
9	G1/2	GI21/09
13	G1/2	GI21/13

Filetage femelle

DS
Hose Repairer

Brass

Scan for more dimensions

Int. D	References
4	DS04/04P**
6	DS06/06*
8	DS08/08*
9	DS09/09*
13	DS13/13

* DIN EN 560
** for Hard Hoses

GT..R
Hose Tail Barb

Stainless steel

Scan for more dimensions

Int. D	C	References
6	G1/8*	GT10/06R
9	G1/4*	GT13/09R
	G3/8*	GT17/09R

Male thread (* 45° internal cone)

DV
Swivelling Spring Guard

Brass

Scan for more dimensions

ØD	C	References
3.1 x 4.7	R1/8	DV10/05
4.8 x 6.3	R1/4	DV13/06
6.3 x 7.9	R1/4	DV13/08
7.9 x 9.5	R1/4	DV13/10
9.5 x 11.8	R3/8	DV17/12
12.7 x 15.8	R1/2	DV21/16

SV
Fixed Spring Guard

Brass

Scan for more dimensions

ØD	C	References
4 x 6	G1/8	SV10/06
6 x 8	G1/8	SV10/08
4 x 6	G1/4	SV13/06
6 x 8	G1/4	SV13/08
8 x 10	G1/4	SV13/10
9 x 12	G1/4	SV13/12

KN
Spring Guard completely with Tube Nut

Brass

Scan for more dimensions

ØD	C	References
4 x 6	M10x1	KN06
6 x 8	M12x1	KN08

0123

Tailpiece Adaptor for Rubber Hose, Male BSPT Thread

Brass

Scan for more dimensions

Int.D	Ext.D	C	References
4	6	R1/8	0123 04 10
6	8	R1/8	0123 06 10
7	9	R1/8	0123 07 10
	9	R1/4	0123 07 13
	9	R3/8	0123 07 17
10	12.2	R1/8	0123 10 10
	12.2	R1/4	0123 10 13
	12.2	R3/8	0123 10 17
12	14	R3/8	0123 12 17
13	15	R1/4	0123 13 13
	15	R3/8	0123 13 17
	15	R1/2	0123 13 21
16	18.5	R3/8	0123 16 17
	18.5	R1/2	0123 16 21
	18.5	R3/4	0123 16 27
19	21.5	R3/8	0123 19 17
	21.5	R1/2	0123 19 21
	21.5	R3/4	0123 19 27
25	26.7	R3/4	0123 25 27
	27	R1	0123 25 34
32	34.5	R1	0123 32 34

0191

Tailpiece Adaptor for Rubber Hose, Male BSPP Thread

Nickel-plated brass

Scan for more dimensions

Int.D	Ext.D	C	References
4	6	G1/4	0191 04 13
7	9	G1/4	0191 07 13
	9	G1/2	0191 07 21
10	12.2	G1/4	0191 10 13
	12.2	G1/2	0191 10 21
13	15.2	G1/4	0191 13 13
	15.2	G1/2	0191 13 21
16	18.5	G1/2	0191 16 21

0931

Tailpiece Adaptor for Rubber Hose, Male BSPP Thread

Nickel-plated brass

Scan for more dimensions

Int.D	Ext.D	C	References
6	7	G1/8	0931 06 10
	7	G1/4	0931 06 13
7	8	G1/8	0931 07 10
	8	G1/4	0931 07 13
	8	G3/8	0931 07 17
8	9	G1/8	0931 08 10
	9	G1/4	0931 08 13
	9	G3/8	0931 08 17
10	12	G1/4	0931 10 13
	12	G3/8	0931 10 17
	12	G1/2	0931 10 21
15	17	G3/8	0931 15 17
	17	G1/2	0931 15 21
18	20	G1/2	0931 18 21

1823

Tailpipe Adaptor for Rubber Hose, Male BSPT Thread

Stainless steel 316L

Scan for more dimensions

Int.D	Ext.D	C	References
7	9	R1/8	1823 07 10
	9	R1/4	1823 07 13
10	12.2	R1/4	1823 10 13
	12.2	R3/8	1823 10 17
13	15	R3/8	1823 13 17
16	18.5	R1/2	1823 16 21

1823

Tailpipe Adaptor for Rubber Hose, Male NPT Thread

Stainless steel 316L

Scan for more dimensions

Int.D	Ext.D	C	References
1/4	8.3	NPT1/8	1823 56 11
	8.3	NPT1/4	1823 56 14
3/8	11.7	NPT1/4	1823 60 14
	11.7	NPT3/8	1823 60 18

SELF-FASTENING HOSES ACCESSORIES

0132
Self-Fastening Barb Connector for Brass Compression Fitting

Brass

Scan for more dimensions

ØD	Int.D	Ext.D	References
6	6.3	13	0132 06 56
8	6.3	13	0132 08 56
10	6.3	13	0132 10 56
	9.5	16	0132 10 60
14	9.5	16	0132 14 60
	12.7	19	0132 14 62
18	12.7	19	0132 18 62
	15.9	23	0132 18 66
22	19.1	27	0132 22 69

Collar in technical polymer
D: nut Ø

0133..39
Self-Fastening Barb Connector with Bi-Material Seal, Male BSPP Thread

Brass, zinc plated steel with NBR seal

Scan for more dimensions

Int.D	Ext.D	C	References
6.3	13	G1/8	0133 56 10 39
6.3	13	G1/4	0133 56 13 39
9.5	16	G1/4	0133 60 13 39
9.5	16	G3/8	0133 60 17 39
12.7	19	G3/8	0133 62 17 39
12.7	19	G1/2	0133 62 21 39
15.9	23	G1/2	0133 66 21 39
15.9	23	G3/4	0133 66 27 39
19.1	27	G3/4	0133 69 27 39

Threaded connection with bi-material seal 0139 and an technical polymer collar.

0134
Self-Fastening Barb Connector, Male BSPT Thread

Brass

Scan for more dimensions

Int.D	Ext.D	C	References
6.3	13	R1/8	0134 56 10
6.3	13	R1/4	0134 56 13
9.5	16	R1/4	0134 60 13
9.5	16	R3/8	0134 60 17
12.7	19	R3/8	0134 62 17
12.7	19	R1/2	0134 62 21
15.9	23	R1/2	0134 66 21
15.9	23	R3/4	0134 66 27
19.1	27	R3/4	0134 69 27

Collar in technical polymer

Related products

Compression fittings
Stud Fitting, Female BSPP Thread

ex. 0114 **page 106**

VALVES ACCESSORIES

0627
Automatic Vent Pressure Gauge Valve, Female BSPP Thread

Nickel-plated brass, NBR

Scan for more dimensions

C	References
G1/4	0627 00 13

0630
Pressure Relief Valve, Male BSPP Thread

Brass

Scan for more dimensions

C	References
G1/4	0630 06 13

This exhaust valve is supplied uncalibrated, but it can be adjusted by inserting metal washers between the hexagon (F).
Maximum operating pressure: 10 bar
Setting range from 1 to 10 bar (not below)

0137
Bonded Seal

Zinc-plated steel with NBR seal

Scan for more dimensions

C	References
M12	0137 12 00
M14	0137 14 00
M16	0137 16 00
M18	0137 18 00
M20	0137 20 00
M22	0137 22 00
M24	0137 24 00
G1/8	0137 10 00
G1/4	0137 13 00
G3/8	0137 17 00
G1/2	0137 21 00
G3/4	0137 27 00
G1	0137 33 00
G1 1/4	0137 42 00
G1 1/2	0137 48 00

Note: when using these seals, the counterbore must be machined to a diameter equal to the seal's outside diameter, increased by 0.3 to 0.5 mm. However, this counterbore is not essential. The surface finish of the bearing face must not exceed a total roughness of 12 µm.

0602
Captive Sealing Washer

Technical polymer

Scan for more dimensions

C	References
M5x0.8	0602 29 93 15
G1/8	0602 23 10 20
G1/4	0602 23 11 20
G3/8	0602 23 12 20
G1/2	0602 23 13 20
G3/4	0602 27 32 20
G1	0602 30 60 20

Maximum allowable pressure: 20 bar

0139
Bi-Material Captive Sealing Washer

Zinc-plated steel with NBR seal

Scan for more dimensions

C	References
G1/8	0139 10 00
G1/4	0139 13 00
G3/8	0139 17 00
G1/2	0139 21 00
G3/4	0139 27 00
G1	0139 34 00

Maximum allowable pressure: 250 bar

AD
Aluminium seal

Aluminium

Scan for more dimensions

C	References
G1/8	AD10
G1/4	AD13
G3/8	AD17
G1/2	AD21
G3/4	AD26

0138
Copper gasket for threaded connection

Copper

Scan for more dimensions

C	References
M6	0138 06 00
M8	0138 08 00
G1/8	0138 10 00
M12	0138 12 00
M14	0138 14 00
M16	0138 16 00
M18	0138 18 00
M20	0138 20 00
M22	0138 22 00
M24	0138 24 00
M26	0138 26 00
M30	0138 30 00
M36	0138 36 00
G1/4	0138 13 00
G3/8	0138 17 00
G1/2	0138 21 00
G3/4	0138 27 00
G1	0138 33 00
G1 1/4	0138 42 00

DIN 7603
ISO 65061

0605
Fluoropolymer tape

Technical polymer, FKM

Scan for more dimensions

Reference
0605 12 12

Operating temperature: from -250°C to +260°C.
Chemically inert and resistant to gases, acids, solvents, hydrocarbons, oils, alkaline vapors, etc.
Water-repellent, non-toxic, self-lubricating.
Complies with CFR21. Suitable for use on all materials.
Replaces jointing paste, white lead and hemp, under conditions of absolute cleanliness.
Supplied on a spool, in an individual box:
length = 12 m, width = 12.7 mm, thickness = 0.08 mm

LEGRIS BLOWGUNS

Legris polymer blowguns ensure effective cleaning, drying and cooling using compressed air. The Premium range, available in three variants, is designed for demanding industrial environments and offers a high degree of modularity.

PREMIUM BLOWGUNS

Technical specifications

Fluids: compressed air

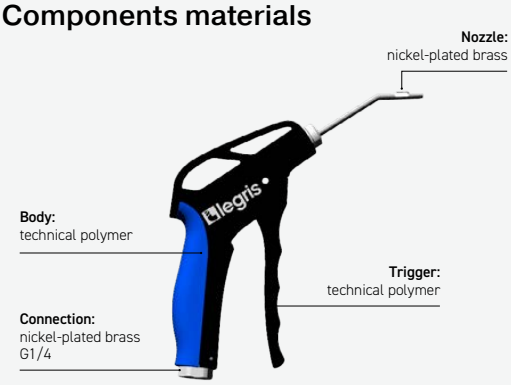
Operating pressure: 0 to 10 bar

Operating temperature: -20 to +80°C

Regulations: RoHS, REACH, PED, OSHA

Performance depends on the fluid, material and tube used.

Components materials



Benefits

- Designed in **reinforced technical polymer** for improved **mechanical strength**, proven for severe and repetitive use.
- **OSHA certification** to meet pressure and noise safety requirements.
- **Ergonomic design** of the control trigger for **smooth and precise flow control.**
- **Several nozzles available** for flexible configurations.

ENERGY-SAVING VERSION

The energy-saving blowguns offer all the advantages of Premium blowguns, plus a built-in flow reducer to limit air consumption.

Components materials

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

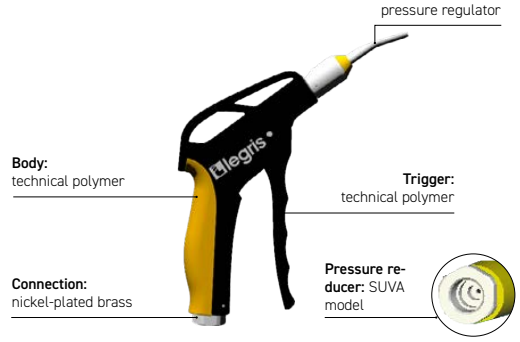
SAFETY VERSION

Benefits

The Safety blowguns offer all the qualities of the Premium models, with the addition of specific features:

- **Dynamic safety:** the fixed nozzle allows for a rapid drop in pressure in the event of direct contact with an obstacle, ensuring user safety. Conversely, as soon as the nozzle is removed from the obstruction, the pressure automatically rises again.
- **OSHA certification** to meet pressure and noise safety requirements, as well as a **SUVA-certified** model equipped with a pressure reducer to limit the outlet pressure, as required by the standard.

Components materials



How the safety nozzle works

Flow completely stopped and pressure reduced to 0.5 bar

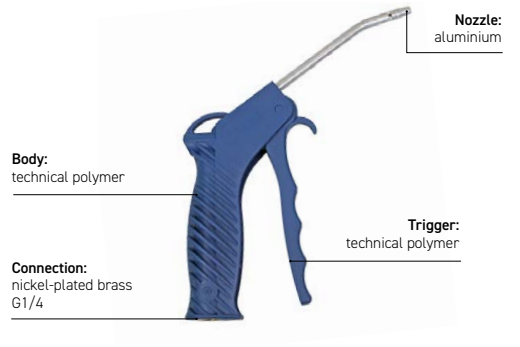
STANDARD VERSION

Benefits

The AK13 range, ready to use, offers a reliable and economical solution for standard environments:

- Blowgun pre-fitted with a **fixed aluminium nozzle** for standard use.
- **Lightweight model** (80g) to reduce operator fatigue

Components materials



Related products

Rectus Plugs	DRV pressure reducer
page 118	page 86

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0656

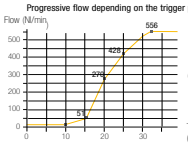
Progressive Control Blowgun with Short Angled Nozzle, Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

C	References
G1/4	0656 66 13

Nozzle: Nickel-plated brass



556 Nl/min Flow produced with nozzle **0690 06 01**

98 dBA

OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure > 8 hours

0651

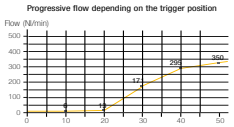
Progressive Control Blowgun with Standard Nozzle, Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
2.5	G1/4	0651 66 13

Nozzle: Nickel-plated brass



350 Nl/min Flow produced with nozzle **0690 01 00**

99 dBA

OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure > 8 hours

0652

Progressive Control Blowgun with Interchangeable Nozzle, Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

C	C1	References
G1/4	M12x1.25	0652 66 13

Flow characteristics depend on the type of nozzle used; supplied without nozzle.

Depending on the type of nozzle

dBA depending on the type of nozzle

OSHA 1910.95 (b) 2003/10/EC directive: Requirement to use ear protection if exposure > 8 hours

0631..05

Blowgun Kit with Short Angled Nozzle, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

C	References
R1/4	0631 00 05

The flow characteristics, noise level, and standards compliance are identical to those of our blowguns (0656 66 13).

ENERGY SAVING VERSIONS

0653

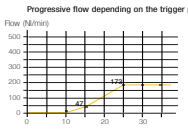
Energy Saving Blowgun with Interchangeable Nozzle, Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

C	C1	References
G1/4	M12x1.25	0653 66 13

Flow characteristics depend on the type of nozzle used; supplied without nozzle. An energy savings calculator is available.



173 Nl/min Whatever the type of nozzle

86 dBA Noise level measured without nozzle

OSHA 1910.95 (b) 2003/10/EC directive: No ear defenders necessary

0631..23

Energy Saving Blowgun Kit with-Angled Nozzle, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

C	References
R1/4	0631 00 23

The flow characteristics, noise level, and standards compliance are identical to those of our blowguns (0653 66 13).
PU tube outside diameter: 6 mm.

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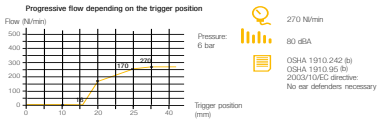
SAFETY VERSIONS

0654
Safety Blowgun, Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
3	G1/4	0654 00 13

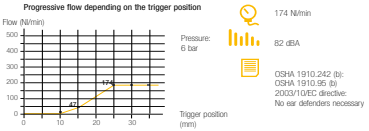


0654
SUVA Safety Blowgun, Female BSPP Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

DN	C	References
3	G1/4	0654 01 13



0631..01
Safety Blowgun Kit, Male BSPT Thread

Technical polymer, Nickel-plated brass, NBR

Scan for more dimensions

C	References
R1/4	0631 00 01

The flow characteristics, noise level, and compliance with standards are identical to those of our blowguns (0654 00 13).

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0690 01
Standard Nozzle

Nickel-plated brass

DN	C	References
2.5	M12x1.25	0690 01 00

- Versatile use
- Powerful, progressive directional air jet

0690 02
Safety Nozzle

Nickel-plated brass

DN	C	References
2.5	M12x1.25	0690 02 00

- Fluidised Powders
- Air screen effect
- Safety: avoids the nozzle becoming completely blocked

0690 03
Straight Nozzle (Long)

Nickel-plated brass, NBR

DN	C	References
2.5	M12x1.25	0690 03 00

- Restricted access
- Progressive and powerful air jet

0690 04
Safety Straight Nozzle (Short)

Nickel-plated brass, NBR

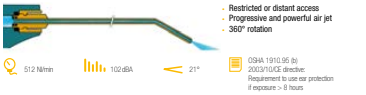
DN	C	References
2.5	M12x1.25	0690 04 00

- Restricted access
- Air screen effect and directional jet
- Safety: avoids the nozzle becoming completely blocked

0690 05
Angled Nozzle (Long)

Nickel-plated brass, NBR

DN	C	References
2.5	M12x1.25	0690 05 00



- Restricted or distant access
- Progressive and powerful air jet
- 360° rotation

0690 06
Safety Angled Nozzle (Short)

Nickel-plated brass, NBR

DN	C	References
2.5	M12x1.25	0690 06 00

- Restricted access
- Air screen effect and 360° directional jet
- Safety: avoids the nozzle becoming completely blocked

0690 07
Nozzle with LF 3000® Push-In Connection

Nickel-plated brass, NBR

ØD	C	References
4	M12x1.25	0690 07 00

- Restricted access
- Powerful and progressive air jet

0690 08
COANDA Nozzle

Nickel-plated brass

C	References
M12x1.25	0690 08 00

Nozzle not compatible with Rectus blowguns

- Directional air jet
- Very quiet, energy-saving
- Safety: avoids the nozzle becoming comple

0690 09
Air Screen Safety Nozzle

Nickel-plated brass

DN	C	References
2	M12x1.25	0690 09 00

- High flow for blowing large surfaces
- Air screen and deflector to avoid particles being blown back
- Safety: avoids the nozzle becoming completely blocked

0690 10
Safety Booster Nozzle

Nickel-plated brass

DN	C	References
2.5	M12x1.25	0690 10 00

- High flow for blowing large surfaces
- Air screen effect
- Safety: avoids the nozzle becoming completely blocked

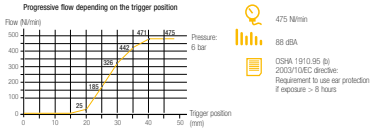
AK13

Blowgun with aluminium extension tube fixed nozzle

Technical polymer, NBR
Aluminium nozzle

Scan for more dimensions

A	References
G1/4	AK13



AK26SF

Blowgun with aluminium extension tube fixed nozzle

Technical polymer, NBR
Aluminium nozzle

Scan for more dimensions

A	References
Plug Series 26	AK26SF

0631..09

Blowgun Kit, Male BSPT Thread

Technical polymer, NBR

Scan for more dimensions

C	References
R1/4	0631 00 09

The flow characteristics, noise level, and standards compliance are identical to those of our blowguns (AK13).
PU Tubing

AK13SET

AK13-Set in Display Box

A	References
Female G1/4	AK13SET

Display box with 10x AK13

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WATER PISTOLS AND WORKSHOP BLOWGUNS

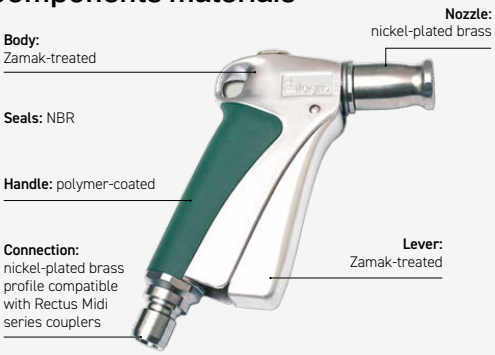
Legris water pistols are designed to withstand demanding mechanical conditions (risk of crushing, heavy impacts, corrosive fluids).

Technical specifications

- **Fluids:** industrial water, oils and lubricants
- **Operating pressure:** 0 to 20 bar
- **Operating temperature:** -20 to +100°C
- **Regulations:** RoHS, REACh, PED

Performance depends on the fluid, material and tube used.

Components materials



Benefits

- **Excellent service life,** the spray gun is made of Zamak, which has been specially treated for industrial water transfer.
- **Control of fluid consumption** thanks to an adjustable nozzle that allows precise flow rate adjustment, thereby optimising the power and shape of the jet.
- **Ergonomic,** the handle is coated with technical polymer to improve user comfort.
- **Workshop blowgun versions** designed in nickel-plated stamped brass to resist corrosion.

Related products

Midi and Maxi Series Couplers

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2299
Water Pistol

Zamak, Nickel-plated brass, NBR

Scan for more dimensions

DN	References
12	2299 12 01

This spray gun allows independent adjustment of:
the jet force (flow rate) via its handle, up to 1440 Nl/min (air) and up to 16.2 Nl/min (water)
the jet pattern (up to a fine mist) via the tip of its lance
Gun compatible with Midi series couplers.

2294
Plug without valve, Male BSPP Thread

Nickel-plated brass

DN	C	References
12	G3/8	2294 12 17
	G1/2	2294 12 21
	G3/4	2294 12 27
	G1	2294 12 34
19	G3/4	2294 18 27
	G1	2294 18 34

2296
Plug without valve, Female BSPP Thread

Nickel-plated brass

DN	C	References
12	G1/2	2296 12 21
	G3/4	2296 12 27
	G1	2296 12 34

2297
Coupler without valve, with Barb Connection for Hose

Nickel-plated brass, NBR

DN	ØD	ØD1	References
12	12	13.5	2297 12 12
	15	16.5	2297 12 15
	19	20.5	2297 12 19
	18	20.7	2297 18 20

2272
Coupler without valve, Female BSPP Thread

Nickel-plated brass, NBR

DN	C	References
12	G1/2	2272 12 21
	G3/4	2272 12 27
	G1	2272 12 34

0172
Coupler with valve, Female BSPP Thread

Nickel-plated brass, NBR

DN	C	References
5	G1/4	0172 05 13

0622
Button-Operated Blowgun, Female BSPP Thread

Nickel-plated brass, Steel zingué, NBR

Scan for more dimensions

DN	C	References
2	G1/4	0622 26 73

This workshop blowgun is equipped with a calibrated nozzle made of treated steel.

0623
Lever-Operated Blowgun, Female BSPP Thread

Nickel-plated brass, Steel zingué, NBR

Scan for more dimensions

DN	C	References
2	G1/4	0623 10 35

This workshop blowgun is equipped with a calibrated nozzle made of treated steel.

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