Parker Legris

Connection Solutions for Truck & Trailer

Parker

ENGINEERING YOUR SUCCESS.

Parker Legris

Provider of Low Pressure Fluid Handling Solutions for Truck and Trailer

For more than 60 years, we strive to design, manufacture and customise safe and reliable quick connection solutions, distributed anywhere across the globe.

OUR VALUES

Inventor of push-to-connect technology, Parker Legris is proud of its heritage of **60 years of innovation** and we stay true to our value of high quality products, supported by a manufacturing excellence, in order to ensure that our customers needs remain our priority.

+ **EXPERTISE:**
  passionnate people and engaged leadership
+ **EXCELLENCE:**
  winning culture
+ **CUSTOMER EXPERIENCE:**
  valued customers

OUR DIFFERENTIATORS

- **Parker: a global presence**
- **Customer Engineering Intimacy:**

We utilise customer input when developing our products

- **In-house engineering and manufacturing capabilities:**

From raw material to finished goods managed in house. Concept, design and production equipment developed by our team

KEY FIGURES

> $200M EMEA sales

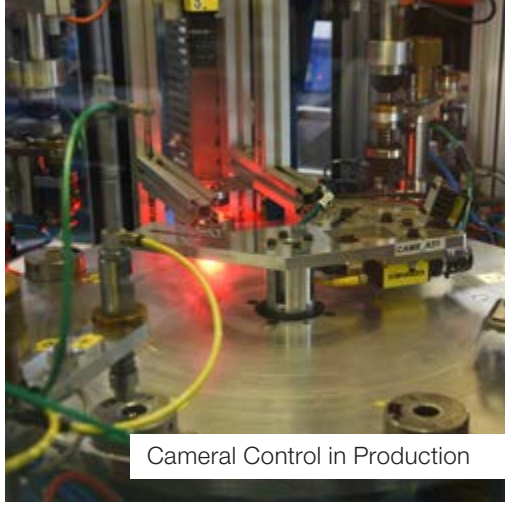
70M finished goods / year

850 employees

7 locations in Europe

Parker Legris Headquarters

Engineering Simulation



Cameral Control in Production

In-house Laboratory Testing

YOUR CHALLENGES

OUR SOLUTIONS

TO IMPROVE YOUR PRODUCTIVITY

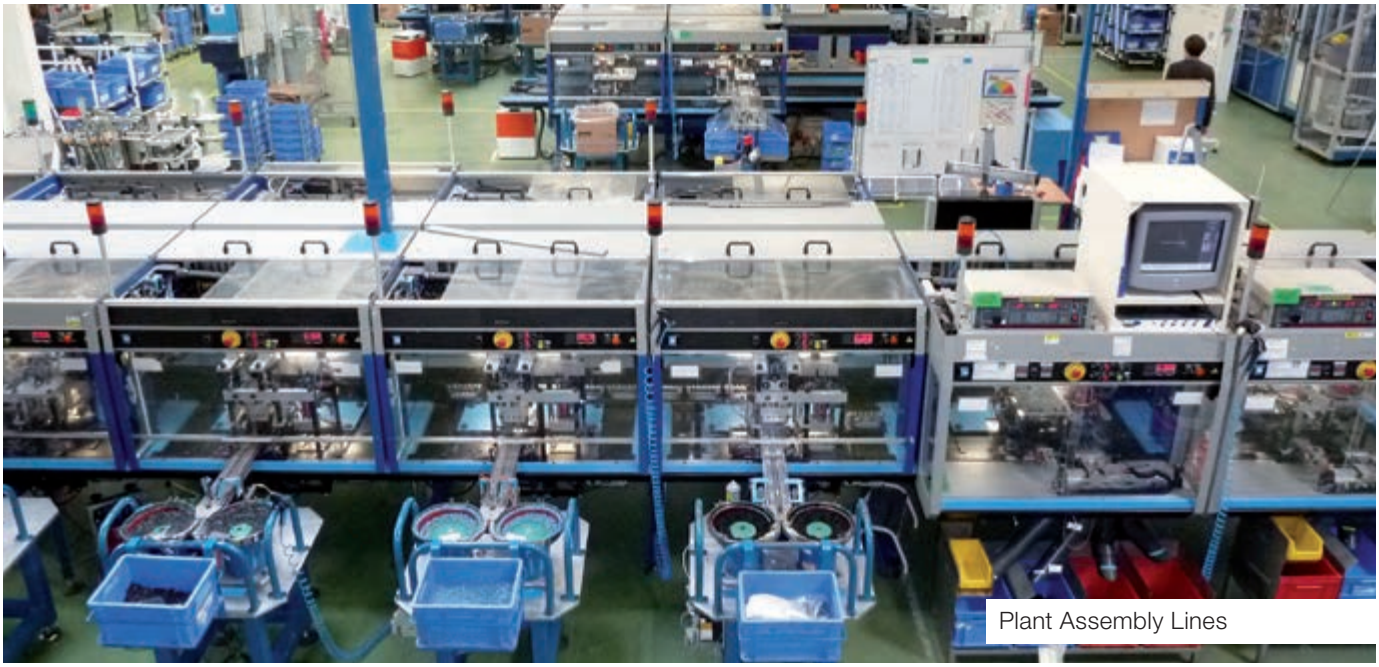
- Process engineering expertise: all our production lines are developed by our engineers
- In house Plastic Injection Moulding and Brass stamping
- High cadence automated assembly processes
- Inventory management focus: packaging management, bar codes and customised labels
- On-time delivery focus: dedicated teams for each order follow-up

TO SECURE YOUR PRODUCTION PROCESS

- ISO IATF 16949 certified
- From raw material to finished goods managed in house
- Systematic Vision-control to guarantee the robustness of the production process
- Products 100% Air leak tested
- Date coding of parts systematically applied in production
- Individual component traceability

TO INCREASE YOUR PRODUCT'S RELIABILITY

- More than 60 years of expertise in sealing and gripping technology
- Always focused on ease of use, weight reduction and product robustness
- Safe and reliable solutions: 350 m2 In-House Lab testing facility
- Co-development and validation loop with the user
- Customer support with dedicated application engineers



Plant Assembly Lines

Product Solutions for Truck & Trailer

Our product applications at a glance

A Solution for each Truck Area

As we know your application, as we carry all required in-house capabilities, we deliver fully adapted solutions. In cabins, close to the engine or on chassis, Parker Legris develops compact, robust and reliable products to convey your fluids.

ENGINE / TRANSMISSION AREA

Fuel Line

Prestofuel Push-In Fittings

Range Control

Prestomatic Push-In Fittings

Fuel and Coolant Line

SAE J2044 Fittings

CHASSIS AREA

Air Braking Systems

Prestomatic Push-In Fittings

Parking Brake

Customised Silencers

CAB / PASSENGER

Pneumatic Distribution

Manifold

Air Horn

LF 3000® Transportation
Push-In Fittings

Steering Column

LF 3000® Transportation
Push-In Fittings

Pneumatic Seat

LF 3000® Transportation
Push-In Fittings

Chassis Interface

Manifold

Cab Cleaning

Blowgun Kits

Gearshift Knob

Cartridges

Air Suspension

Prestomatic Push-In Fittings

Cab Suspension

Cartridges

Fifth Wheel

LF 3000® Transportation
Push-In Fittings

Table of Contents

Table of Contents

Prestomatic Push-In Fittings

Based on more than 50 years of expertise in innovative fluid handling solutions, we offer Prestomatic brass and composite push-in fittings range for the installation of your pneumatic airbrake circuits.

Product Advantages

Simplification of Pneumatic System Installation

Our push-to-connect technology guarantees an easy-to-assemble and a fully re-usable product.

The excellent mechanical properties of our technical polymer offer significant weight reduction to your global system.

Increased lifespan thanks to the temperature resistance from -40°C to +100°C.

Compactness for space-saving.

Our many configurations enable the system to be designed using the optimum number of fittings.

Safety of your Installation

Positive tube retention by a flexible stainless steel gripping ring.

The special shape of the radial teeth of the gripping ring prevents longitudinal scratch marks on the tube.

The elasticity of the gripping ring absorbs vibration and pressure impulsing.

Twist-free assembly allowing free tube rotation even under pressure.

The encapsulated O-ring is tolerant of imperfect sealing surfaces and maintains a leak free connection even under high vibration conditions.

Even if a low assembly torque is required to obtain a leak free seal, the threads are resistant to over torqueing.

Our Prestomatic brass shaped fittings are designed to enable the fitting to be assembled to the desired position. This allows accurate alignment of the tube and reduces stress in the system.

Integrated tube support reinforces tube alignment and tube retention for:

- excellent resistance to vibration
- sealing ensured over time
- increased resistance to tube pull out

Quality and Traceability of our Products

Products 100% leak-tested in production.

Systematic Vision-control to guarantee robustness of the production process.

Individual component traceability with product date coding.

Only Premium quality raw materials used.

Technical Characteristics

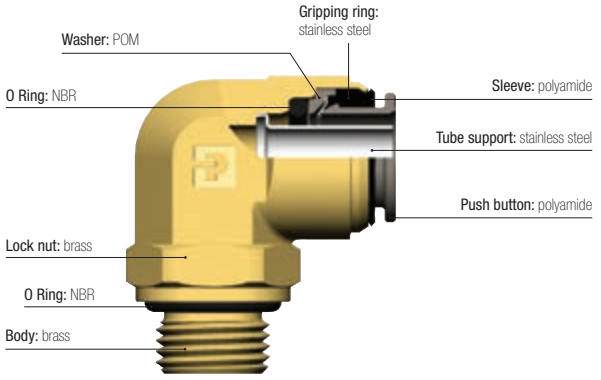
Prestomatic Brass

Compatible Fluids	Compressed air
Working Pressure	25 bar
Working Temperature	-40°C to +100°C

	Threads				
Tightening Torques **(daN.m)**	M10x1	M12x1.5	M14x1.5	M16x1.5	M22x1.5
	0.8 to 1	1 to 1.5	1.5 to 2	1.5 to 2	2 to 3

Metric threads are designed to fit ports conforming to ISO 9974-1, ISO 6149-1 and ISO 4039-2 standards

Component Materials



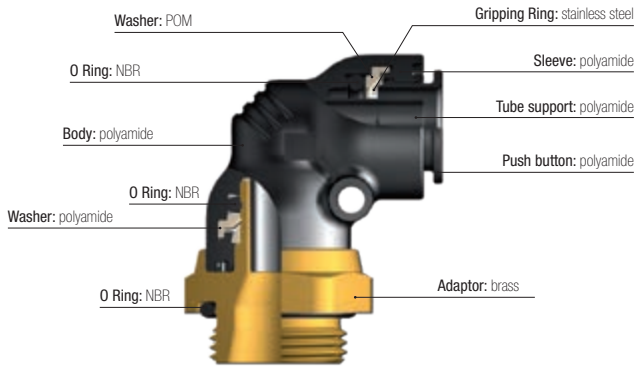
Prestomatic Composite

Compatible Fluids	Compressed air
Working Pressure	25 bar
Working Temperature	-40°C to +100°C

	Threads				
Tightening Torques **(daN.m)**	M10x1	M12x1.5	M14x1.5	M16x1.5	M22x1.5
	0.8 to 1	1 to 1.5	1.5 to 2	1.5 to 2	2 to 3

Metric threads are designed to fit ports conforming to ISO 9974-1, ISO 6149-1 and ISO 4039-2 standards

Component Materials



Regulations

Fully adapted to transportation braking system applications with tubing:
DIN 74324-1
DIN 73378
NF-R12-632-2
ISO 7628

Prestomatic Brass Push-In Fittings

F8UNPMB

Brass, NBR

ØD	C	
6x4	M10x1	F8UNPMB6M10BP
	M12x1.5	F8UNPMB6M12BP
	M16x1.5	F8UNPMB6M16BP
	M22x1.5	F8UNPMB6M22BP
8x6	M12x1.5	F8UNPMB8M12BP
	M14x1.5	F8UNPMB8M14BP
	M16x1.5	F8UNPMB8M16BP
	M22x1.5	F8UNPMB8M22BP
10x7.5	M12x1.5	F8UNPMB10M12BP
	M14x1.5	F8UNPMB10M14BP
	M16x1.5	F8UNPMB10M16BP
	M22x1.5	F8UNPMB10M22BP
12x9	M12x1.5	F8UNPMB12M12BP
	M16x1.5	F8UNPMB12M16BP
	M22x1.5	F8UNPMB12M22BP
16x12	M16x1.5	F8UNPMB16M16BP
	M22x1.5	F8UNPMB16M22BP

F2NPMB

Brass, NBR

ØD	C	
8x6	NPT1/4	F2NPMB8-1/4BP
	NPT3/8	F2NPMB8-3/8
10x7.5	NPT1/4	F2NPMB10-1/4BP
	NPT1/2	F2NPMB10-1/2BP
12x9	NPT3/8	F2NPMB12-3/8
	NPT1/2	F2NPMB12-1/2

Threads pre-coated for improved sealing.

WE0NPMB

Brass, NBR

ØD	DIN	C	
8x6	8L	M14x1.5	WE0NPMB8-8LBP
12x9	12L	M18x1.5	WE0NPMB12-12LBP

Port design to ISO8434-1 for steel tube and hoses.

WF8UNPMB

Brass, NBR

ØD	C	C1	
10x7.5	M16x1.5	M24x1.5	WF8UNPMB10M16
	M22x1.5	M24x1.5	WF8UNPMB10M22BP
12x9	M16x1.5	M24x1.5	WF8UNPMB12M16BP
	M22x1.5	M24x1.5	WF8UNPMB12M22BP

C8UNPMB

Brass, NBR

ØD	C	
6x4	M10x1	C8UNPMB6M10BP
	M12x1.5	C8UNPMB6M12BP
	M16x1.5	C8UNPMB6M16BP
	M22x1.5	C8UNPMB6M22BP
8x6	M12x1.5	C8UNPMB8M12BP
	M14x1.5	C8UNPMB8M14
	M16x1.5	C8UNPMB8M16BP
	M22x1.5	C8UNPMB8M22BP
10x7.5	M12x1.5	C8UNPMB10M12BP
	M16x1.5	C8UNPMB10M16BP
	M22x1.5	C8UNPMB10M22BP
12x9	M12x1.5	C8UNPMB12M12BP
	M16x1.5	C8UNPMB12M16BP
	M22x1.5	C8UNPMB12M22BP
16x12	M16x1.5	C8UNPMB16M16BP
	M22x1.5	C8UNPMB16M22BP

The body can be locked in the desired orlentation with the locknut.

V8UNPMB

Brass, NBR

ØD	C	
10x7.5	M22x1.5	V8UNPMB10M22BP
12x9	M16x1.5	V8UNPMB12M16BP
	M22x1.5	V8UNPMB12M22BP
16x12	M22x1.5	V8UNPMB16M22BP

The body can be locked in the desired orlentation with the locknut.

CS8UNPMB

Brass, NBR

ØD	C	
10x7.5	M22x1.5	CS8UNPMB10M22
12x9	M16x1.5	CS8UNPMB12M16
	M22x1.5	CS8UNPMB12M22

The body can be locked in the desired orlentation with the locknut.

Prestomatic Brass Push-In Fittings

S8UNPMB

Brass, NBR

ØD	C	
8x6	M16x1.5	S8UNPMB8M16BP
10x7.5	M16x1.5	S8UNPMB10M16BP
	M22x1.5	S8UNPMB10M22BP
12x9	M16x1.5	S8UNPMB12M16BP
	M22x1.5	S8UNPMB12M22BP

The body can be locked in the desired orlentation with the locknut.

R8UNPMB

Brass, NBR

ØD	C	
8x6	M16x1.5	R8UNPMB8M16BP
12x9	M16x1.5	R8UNPMB12M16BP
	M22x1.5	R8UNPMB12M22BP

The body can be locked in the desired orlentation with the locknut.

HNPMB

Brass, NBR

ØD	
6x4	HNPMB6BP
8x6	HNPMB8BP
10x7.5	HNPMB10BP
12x9	HNPMB12BP
16x12	HNPMB16

WNPMB

Brass, NBR

ØD	C	
6x4	M18x1.5	WNPMB6
8x6	M20x1.5	WNPMB8BP
10x7.5	M22x1.5	WNPMB10
12x9	M24x1.5	WNPMB12BP

T2ENPMB

Brass, NBR

D

D1

ØD	ØD1	
6x4	8	T2ENPMB6
8x6	8	T2ENPMB8BP
12x9	12	T2ENPMB12BP

JNPMB

Brass, NBR

ØD	
6x4	JNPMB6BP
8x6	JNPMB8
10x7.5	JNPMB10BP
12x9	JNPMB12BP
16x12	JNPMB16

Other configurations available on request

Bulkhead Elbow - DIN2353

Branch Test Point Tee

Run Test Point Tee

Run Test Point Tee

Prestomatic Composite Push-In Fittings

C68UNPMK

Technical polymer, brass, NBR

ØD	C	
8x6	M12x1.5	C68UNPMK8M12
	M16x1.5	C68UNPMK8M16
	M22x1.5	C68UNPMK8M22
10x7.5	M12x1.5	C68UNPMK10M12BP
	M16x1.5	C68UNPMK10M16BP
	M22x1.5	C68UNPMK10M22BP
12x9	M12x1.5	C68UNPMK12M12
	M16x1.5	C68UNPMK12M16
	M22x1.5	C68UNPMK12M22BP
16x12	M22x1.5	C68UNPMK16M22

The body swivels for positioning purposes.

V68UNPMK

Technical polymer, brass, NBR

ØD	C	
12x9	M22x1.5	V68UNPMK12M22BP
16x12	M22x1.5	V68UNPMK16M22

The body swivels for positioning purposes.

Other configurations available on request.

CWEONPMK

Technical polymer, brass, NBR

DIN

ØD	DIN	C	
12x9	12L	M18x1.5	CWEONPMK12-12L

Port design ISO8434-1 for steel tube and hoses.

The body swivels for positioning purposes.

Other configurations available on request.

JNPMK

Technical polymer, NBR

ØD	
8x6	JNPMK8
10x7.5	JNPMK10BP
12x9	JNPMK12BP
16x12	JNPMK16

R68UNPMK

Technical polymer, brass, NBR

ØD	C	
8x6	M12x1.5	R68UNPMK8M12
12x9	M16x1.5	R68UNPMK12M16
	M22x1.5	R68UNPMK12M22
16x12	M16x1.5	R68UNPMK16M16

The body swivels for positioning purposes.

Other configurations available on request.

S68UNPMK

Technical polymer, brass, NBR

ØD	C	
8x6	M12x1.5	S68UNPMK8M12
	M22x1.5	S68UNPMK8M22
12x9	M16x1.5	S68UNPMK12M16
	M22x1.5	S68UNPMK12M22
16x12	M22x1.5	S68UNPMK16M22

The body swivels for positioning purposes.

Other configurations available on request.

CS68UNPMK

Technical polymer, brass, NBR

ØD	ØD1	C	
12x9	8x6	M22x1.5	CS68K12-8M22
	10x7.5	M16x1.5	CS68K12-10M16
	10x7.5	M22x1.5	CS68K12-10M22BP

The body swivels for positioning purposes.

Other configurations available on request.

Prestomatic Composite Push-In Fittings

R68KPPA

Technical polymer, brass, NBR

ØD	C	
12x9	M16x1.5	R68K12M16PPA

The body swivels for positioning purposes.

Test Point thread = M16x1.5

Other configurations available on request.

S68KPPAM

Technical polymer, brass, NBR

ØD	C	
12x9	M16x1.5	S68K12PPAM16
	M22x1.5	S68K12PPAM22

The body swivels for positioning purposes.

Test Point thread = M16x1.5

Other configurations available on request.

Other configurations available on request

90° Male Side Tee

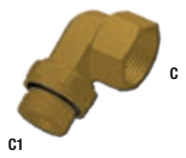
Bulkhead Tee - DIN2353

90° Test Point Side Tee

Air Brake Adaptors and Accessories

D8C8UB

Brass, NBR



C	C1	
M16x1.5	M16x1.5	M16M16D8C8UB
	M22x1.5	M16M22D8C8UB
M22x1.5	M22x1.5	M22D8C8UB

The body can be locked in the desired orientation with the locknut.

D8V8UB

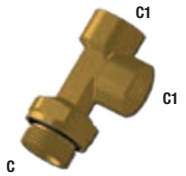
Brass, NBR

C	
M16x1.5	M16M16D8V8UB

The body can be locked in the desired orientation with the locknut.

MR08UB

Brass, NBR

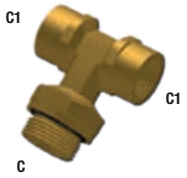


C	C1	
M12x1.5	M12x1.5	M12MR08UB
M16x1.5	M16x1.5	M16MR08UB
M22x1.5	M16x1.5	M16M22M16MR08UB
	M22x1.5	M22MR08UB

The body can be locked in the desired orientation with the locknut.

MMS8UB

Brass, NBR

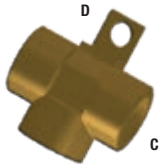


C	C1	
M16x1.5	M16x1.5	M16MMS8UB
M22x1.5	M16x1.5	M16M16M22MMS8UB

The body can be locked in the desired orientation with the locknut.

MM08BKT

Brass



ØD	C	
8	M16x1.5	M16MM08BKT

F8UG8B

Brass, NBR

C	C1	
M16x1.5	M12x1.5	M16M12F8UG8B
M22x1.5	M16x1.5	M22M16F8UG8B

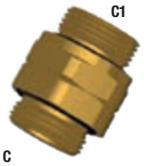
F8UGB

Brass, NBR

C	C1	
M16x1.5	NPT 1/4	M16-1/4F8UGB
M22x1.5	NPT 3/8	M22-3/8F8UGB

F8UHA8UB

Brass, NBR

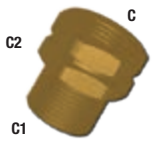


C	C1	
M16x1.5	M22x1.5	M16M22F8UHA8UB
M22x1.5	M22x1.5	M22F8UHA8UB

Air Brake Adaptors and Accessories

WGG88B

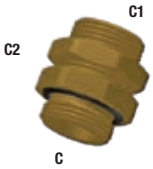
Brass



C	C1	C2	
M16x1.5	M16x1.5	M22x1.5	M16WGG88BH27
M22x1.5	M16x1.5	M26x1.5	M22M16WGG88B

WG8F8UB

Brass, NBR



C	C1	C2	
M16x1.5	M16x1.5	M22x1.5	M16WG8F8UB
M22x1.5	M16x1.5	M22x1.5	M16M22WG8F8UB

PPRF8UM

Brass, NBR

C	C1	
M16x1.5	M16x1.5	PPRF8UM16
M22x1.5	M16x1.5	PPRF8UM22

P8UNBL

Brass, NBR

C	
M12x1.5	M12P8UNBL
M16x1.5	M16P8UNBL
M22x1.5	M22P8UNBL13

VDPF8UM

Brass, NBR

C	
M22x1.5	VDPF8UM22L13

3126

Technical polymer

ØD	
6	3126 06 00
8	3126 08 00
10	3126 10 00
12	3126 12 00

WLNB

Brass

C	
M18x1.5	WL8NBM18X1.5
M20x1.5	WL8NBM20X1.5
M22x1.5	WL8NBM22X1.5
M24x1.5	WL8NBM24X1.5

LF 3000® Transportation Push-In Fittings

Thanks to our strong expertise in fluid handling, Parker Legris has extended the performance of our best-in class LF 3000® push-in fittings to meet transportation expectations. With its variety of shapes and configurations, this range is recommended for the installation of your auxiliary pneumatic circuits

Product Advantages

Simplification of Pneumatic System Installation

Easy to assemble products thanks to our push-to-connect technology: rapid manual connection and disconnection without the need for tools

Tube sizes marked on the push button for easy identification

The excellent mechanical properties of our technical polymer offer significant weight reduction to your global system

Increased lifespan thanks to the temperature resistance from -40°C to +100°C

Compactness for space-saving

Our many configurations enable the system to be designed using the optimum number of fittings

Quality and Traceability of our Products

Products 100% leak-tested in production

Systematic Vision-control to guarantee robustness of the production process

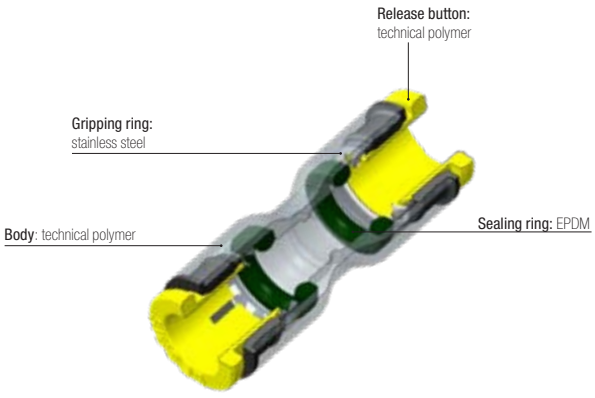
Individual component traceability with product date coding

Only Premium quality raw materials used

Technical Characteristics

Compatible Fluids	Compressed air Other fluids: please consult us
Working Pressure	Vacuum to 20 bar
Working Temperature	-40°C to +100°C

Component Materials



Regulations

DI: 2006/42/EC test according to ISO 19973-5.
ISO 14743: Pneumatic fluid power, push-in connectors for thermoplastic tubes

DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC
DI: 1907/2006 (REACH)

LF 3000® Transportation Push-In Fittings

3106

Technical polymer, EPDM

ØD	ØD1	
4	4	3106 04 00 25
	6	3106 04 06 25
	8	3106 04 08 25
6	6	3106 06 00 25
	8	3106 06 08 25
	10	3106 06 10 25
8	8	3106 08 00 25
	10	3106 08 10 25
	12	3106 08 12 25
10	10	3106 10 00 25
	12	3106 10 12 25

3102

Technical polymer, EPDM

ØD	ØD1	
4	4	3102 04 00 25
	6	3102 04 06 25
6	6	3102 06 00 25
	8	3102 06 08 25
8	8	3102 08 00 25
	10	3102 08 10 25
10	10	3102 10 00 25
	12	3102 10 12 25

3104

Technical polymer, EPDM

ØD	ØD1	
4	4	3104 04 00 25
	6	3104 04 06 25
6	4	3104 06 04 25
	6	3104 06 00 25
	8	3104 06 08 25
8	4	3104 08 04 25
	6	3104 08 06 25
	8	3104 08 00 25
	10	3104 08 10 25
10	4	3104 10 04 25
	8	3104 10 08 25
	10	3104 10 00 25
	12	3104 10 12 25

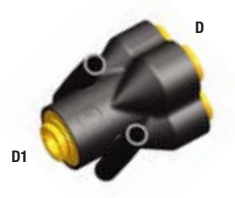
3140

Technical polymer, EPDM

ØD	ØD1	
4	4	3140 04 00 25
	6	3140 04 06 25
6	6	3140 06 00 25
	8	3140 06 08 25
8	8	3140 08 00 25
	10	3140 08 10 25
10	10	3140 10 00 25
	12	3140 10 12 25

3144

Technical polymer, EPDM



ØD	ØD1	
4	4	3144 04 04 25
	6	3144 04 06 25
6	6	3144 06 06 25
	8	3144 06 08 25

3304

Technical polymer, EPDM

ØD	ØD1	
6	4	3304 06 04 25
8	4	3304 08 04 25
	6	3304 08 06 25
10	6	3304 10 06 25
	8	3304 10 08 25

3306

Technical polymer, EPDM

ØD	ØD1	
6	4	3306 06 04 25
8	4	3306 08 04 25
	6	3306 08 06 25
10	6	3306 10 06 25
	8	3306 10 08 25

3116

Technical polymer, EPDM

ØD	
4	3116 04 00 25
6	3116 06 00 25
8	3116 08 00 25
10	3116 10 00 25

LF 3000® Transportation Plug-In Fittings & Accessories

3182

Technical polymer, EPDM

ØD	ØD1	
4	4	3182 04 00 25
	6	3182 04 06 25
6	4	3182 06 04 25
	6	3182 06 00 25
	8	3182 06 08 25
8	8	3182 08 00 25
	10	3182 08 10 25
10	10	3182 10 00 25
	12	3182 10 12 25

3183

Technical polymer, EPDM

ØD	ØD1	
4	4	3183 04 00 25
	6	3183 04 06 25
6	6	3183 06 00 25
	8	3183 06 08 25
8	8	3183 08 00 25
	10	3183 08 10 25
10	10	3183 10 00 25
	12	3183 10 12 25

3188

Technical polymer, EPDM

ØD	ØD1	
4	4	3188 04 00 25
	6	3188 04 06 25
6	6	3188 06 00 25
	8	3188 06 08 25
8	8	3188 08 00 25
	10	3188 08 10 25
10	10	3188 10 00 25
	12	3188 10 12 25

3142

Technical polymer, EPDM

ØD	ØD1	
4	4	3142 04 00 25
	6	3142 04 06 25
6	6	3142 06 00 25
	8	3142 06 08 25
8	8	3142 08 00 25
	10	3142 08 10 25
10	10	3142 10 00 25
	12	3142 10 12 25

3120

Technical polymer

ØD	
4	3120 04 00
6	3120 06 00
8	3120 08 00
10	3120 10 00

3126

Technical polymer

ØD	
4	3126 04 00
6	3126 06 00
8	3126 08 00
10	3126 10 00

Prestofuel Push-In Fittings

For fuel line between the fuel tank and the engine, we developed Prestomatic Fuel fittings.

Product Advantages

Reliability

All our Fuel fittings are supplied with seals that are compatible with air, diesel and bio diesel 20%.

We offer straight connectors, 90° elbows and SAEJ2044 adaptors.

Quality and Traceability of our Products

100% leak-tested products in production.

Systematic Vision-control to guarantee the production process robustness.

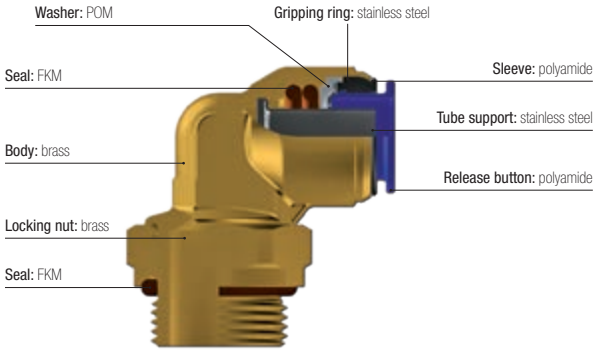
Individual component traceability with product date coding.

Premium and pure raw material required from our suppliers.

Technical Characteristics

Compatible Fluids	Compressed air, diesel, bio fuel B20 RME For other bio diesels please consult us!
Working Pressure	25 bar
Working Temperature	-40°C to +100°C

Component Materials



F8UNDFB-V

Brass, FKM

ØD	C	
12x9	M14x1.5	F8UNDBFB12M14V
	M16x1.5	F8UNDBFB12M16V

C8UNDFB-V

Brass, FKM

ØD	C	
12x9	M14x1.5	C8UNDFB12M14V
	M16x1.5	F8UNDFB12M16V

F8USAEBV

Brass, FKM

S*	C	
8 mm - 5/16"	M12x1.5	M12-8F8USAEBV
9.5mm - 3/8"	M12x1.5	M12-9.5F8USAEBV
10 mm - 7/16"	M12x1.5	M12-10F8USAEBV
	M16x1.5	M16-10F8USAEBV
16 mm - 5/8"	M12x1.5	M12-16F8USAEBV
12 mm	M16x1.5	M16-12F8USAEBV

*SAE J2044 nominal coupling size

Cartridges

Designed for tubing insertion in non-threaded cavities, our cartridges guarantee the integrity of the sealing system of auxiliary systems on-board vehicles.

Product Advantages

Time Saving during Installation

- No thread to be machined for inserting the cartridge in the housing.
- Seal pre-assembled, greased and protected.
- Connection fully integrated in the cavity.
- Excellent alignment of the cartridge thanks to the protection sleeve.

Reinforced Security of Equipment with our High Performance Cartridge

- Increased lifespan thanks to the temperature resistance from -40°C to +100°C.
- Gripping ring technology allowing a better mechanical resistance.
- High chemical resistance.

Quality and Traceability of our Products

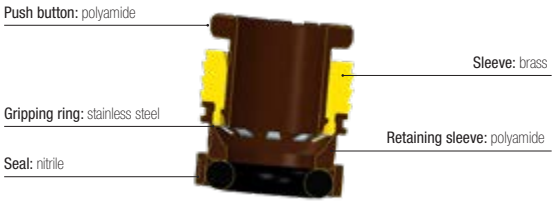
- Systematic Vision-control to guarantee the production process robustness.
- Only Premium quality raw materials used.

Technical Characteristics

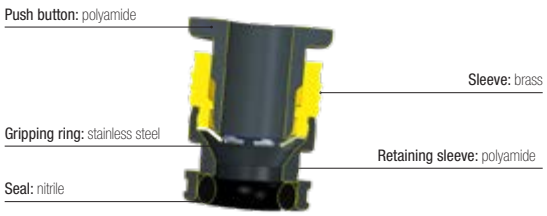
Compatible Fluids	Compressed Air
Working Pressure	Vacuum to 16 bar
Working Temperature	3100 cartridge: -40°C to +80°C 3400 cartridge: -40°C to +100°C

Please, consult us for drawings of cavity dimensions and tolerances.

3100 Cartridge Component Materials



3400 Cartridge Component Materials



3100

Brass, Technical polymer, NBR

ØD	
4	3100 00 00 54
6	3100 00 00 55
8	3100 00 00 56
10	3100 00 00 57

3400

Brass, Technical polymer, NBR

ØD	
6	3400 06 02
8	3400 08 02

PA Tubing DIN74324

In addition to our range of fittings, we have a tubing offer which meets the performance requirements of DIN 74324-1 and DIN 73378 standards.

Product Advantages

Time Saving in Assembly

- Packaging according to customer requirements.
- Tube cutting to the required length upon special request.
- All length tube marking for immediate identification and easy handling.
- Customised tube marking on demand (fluid identification, customer part number etc…).

Options of Material Supply

- Validated alternative materials meeting the performance requirements of DIN 74324-1 and ISO 7628, available on-request.

Quality and Traceability of our Products

- Premium and pure raw material required from our suppliers.
- Continuous calibration during production for excellent reliability.
- Traceability with marking of manufacturing batch.
- Coloured tubing on-request for easy circuit identification.

Technical Characteristics

Tubing	Semi-Rigid PA
Compatible Fluids	Compressed air, other fluids
Working Pressure	Vacuum to 50 bar *Subject to temperature*
Working Temperature	-40°C to +100°C

Regulations

Chemical performance and resistance tested according to DIN 74324 -1 / DIN 73378 / ISO 7628

Packaging

- Reels
- Drum up to 1000m
- 25m tubepack

All our systems are in-house lab-tested to guarantee you the perfect sealing between our tubes and connectors.

As we are experts in Fluid Handling Solutions, we also support you in selecting the optimum tubing solution for your application.

Manifold, Blowgun Kit and Customised Solutions

Over the years, Parker Legris has taken up new and tough challenges and built a solid expertise in the manufacturing of high quality parts

Expertise in manifolds and pneumatic customised solutions

For worldwide OEMs who strive to simplify and integrate their pneumatic circuits, Parker Legris is the key partner to develop compact, safe and reliable solutions.

Parker Legris has co-developed many products with its customers. Whatever the industry, the market or the application, key players rely on our solutions for their fluid handling issues. Our unique conception, integrated in the customer's equipment, prove to ensure the high performance of the complete system.

For more than 60 years, Parker Legris has co-developed many products for transportation applications, such as Manifolds, Blowgun kits, Integrated silencer fittings, Valves…

Parker Legris co-development process

Parker Legris follow a co-development process relying on a large range of products and our R&D expertise. The objective of this method is to build with our customer a fully customised solution that completely meets their requirements.

Based on an AGIL-methodology, with a high level of reactivity, and focused on continuous communication between teams, Parker Legris shares expectations in terms of R&D as well as cost.

Parker Legris provides technical advice, support and recommendations to our customers during the conception stage. After agreement on the solution, we provide samples enabling our customer to validate the solution. Once the concept is fixed and commercially approved, Parker Lergis industrialises the customised solution.

Parker Legris Team

Many years of expertise in optimising flow, sealing and gripping technology, as well as engaged employees and customer engineering intimacy, ensures you a pleasant and successful work with our team.

We are always aware of the market trends and have a strong know-how in fluid handling engineering. In addition, our team can rely on an international innovation network inside Parker to bring us a large knowledge in additional motion and control technologies.

Together, we can build your integrated customise solution of pneumatic fluid handling. Consult our website **www.parker.com/LPCE** for a request.

Related Products

LF 3000® Push-In Fittings

Fluids: compressed air

Materials: technical polymer, nickel-plated brass, NBR

Pressure: 20 bar

Temperature: -20°C to +80°C

Ø metric: 3 mm to 16 mm

Ø inch: 1/8" to 1/2"

Function Fittings

Function: control the speed of the cylinder rod

Materials: polymer, metal, stainless steel

Pressure: 10 bar

Temperature: -0°C to +70°C
-25°C to +70°C (metal version)

Ø metric: 3 mm to 18 mm

Threads: BSPP, BSPT, metric

LF 3600® Push-In Fittings

Fluids: compressed air, slightly corrosive industrial fluids

Materials: high phosphorus nickel-plated brass, FKM

Pressure: 30 bar

Temperature: -25°C to +150°C

Ø metric: 4 mm to 14 mm

Adaptors

Fluids: compressed air, non-corrosive industrial fluids

Materials: brass, steel, stainless steel

Pressure: 1/8" to 1/2": 200 bar
3/4" and 1": 150 bar
1 1/4" to 2": 100 bar, without sealing washer

Temperature:

brass: -60°C to +150°C without sealing washer
brass: -20°C to +100°C with sealing washer
stainless steel: -20°C to +180°C
steel: -10°C to +80°C

Brass Compression Fittings

Fluids: compressed air, non-corrosive industrial fluids

Materials: forged or machined brass

Pressure: 550 bar

Temperature: -60°C to +250°C

Ø metric: 4 mm to 28 mm

Universal Customised Series Ball Valves

Fluids: O_2, compressed air, many fluids

Materials: nickel-plated forged brass, choice of seal material (NBR, EPDM, FKM, PTFE...)

Pressure: 40 bar

Temperature: -40°C to +100°C

(DN) : 4 mm to 40 mm

Axial Valves

Fluids: compressed air, industrial fluids

Materials: nickel-plated brass

Pressure: 10 bar

Temperature: -20°C to +135°C

Threads: 3/8" to 2"

Tubing (PU and FEP)

Fluids: compressed air

Materials:

- Polyurethane ester or ether (PU)
- Fluoropolymer (FEP)

Pressure: 12 bar (PU) / 28 bar (FEP)

Temperature:

-20°C to +70°C (PU)

-40°C to +150°C (FEP)

O.D. metric:

3 mm to 16 mm (PU)

4 mm to 12 mm (FEP)

Quick Couplings (Series 21 / Series 26)

Fluids: compressed air

Materials: brass, stainless steel

Pressure: 35 bar

Temperature: -20°C to +100°C

Threads:

1/8" to 3/8", M12x1.5 to M14x1.5 (Series 21)

1/8" to 1/2", M16x1.5 to M18x1.5 (Series 26)

Many more products available on **www.parker.com/LPCE**

Parker Worldwide

Europe, Middle East, Africa

AE – United Arab Emirates,
Dubai
Tel: +971 4 8127100
parker.me@parker.com

AT – Austria, St. Florian
Tel: +43 (0)7224 66201
parker.austria@parker.com

AZ – Azerbaijan, Baku
Tel: +994 50 2233 458
parker.azerbaijan@parker.com

BE/NL/LU – Benelux,
Hendrik Ido Ambacht
Tel: +31 (0)541 585 000
parker.nl@parker.com

BG **–** Bulgaria, Sofia
Tel: +359 2 980 1344
parker.bulgaria@parker.com

BY – Belarus, Minsk
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

CH – Switzerland, Etoy
Tel: +41 (0)21 821 87 00
parker.switzerland@parker.com

CZ – Czech Republic, Klecany
Tel: +420 284 083 111
parker.czechrepublic@parker.com

DE – Germany, Kaarst
Tel: +49 (0)2131 4016 0
parker.germany@parker.com

DK – Denmark, Ballerup
Tel: +45 43 56 04 00
parker.denmark@parker.com

ES – Spain, Madrid
Tel: +34 902 330 001
parker.spain@parker.com

FI – Finland, Vantaa
Tel: +358 (0)20 753 2500
parker.finland@parker.com

FR – France, Contamine s/Arve
Tel: +33 (0)4 50 25 80 25
parker.france@parker.com

GR – Greece, Piraeus
Tel: +30 210 933 6450
parker.greece@parker.com

HU – Hungary, Budaörs
Tel: +36 23 885 470
parker.hungary@parker.com

IE – Ireland, Dublin
Tel: +353 (0)1 466 6370
parker.ireland@parker.com

IL – Israel
Tel: +39 02 45 19 21
parker.israel@parker.com

IT – Italy, Corsico (MI)
Tel: +39 02 45 19 21
parker.italy@parker.com

KZ – Kazakhstan, Almaty
Tel: +7 7273 561 000
parker.easteurope@parker.com

NO – Norway, Asker
Tel: +47 66 75 34 00
parker.norway@parker.com

PL – Poland, Warsaw
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

PT – Portugal
Tel: +351 22 999 7360
parker.portugal@parker.com

RO – Romania, Bucharest
Tel: +40 21 252 1382
parker.romania@parker.com

RU – Russia, Moscow
Tel: +7 495 645-2156
parker.russia@parker.com

SE – Sweden, Borås
Tel: +46 (0)8 59 79 50 00
parker.sweden@parker.com

SK – Slovakia, Banská Bystrica
Tel: +421 484 162 252
parker.slovakia@parker.com

SL – Slovenia, Novo Mesto
Tel: +386 7 337 6650
parker.slovenia@parker.com

TR – Turkey, Istanbul
Tel: +90 216 4997081
parker.turkey@parker.com

UA – Ukraine, Kiev
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

UK – United Kingdom, Warwick
Tel: +44 (0)1926 317 878
parker.uk@parker.com

ZA – South Africa, Kempton Park
Tel: +27 (0)11 961 0700
parker.southafrica@parker.com

North America

CA – Canada, Milton, Ontario
Tel: +1 905 693 3000

US – USA, Cleveland
Tel: +1 216 896 3000

Asia Pacific

AU – Australia, Castle Hill
Tel: +61 (0)2-9634 7777

CN – China, Shanghai
Tel: +86 21 2899 5000

HK – Hong Kong
Tel: +852 2428 8008

IN – India, Mumbai
Tel: +91 22 6513 7081-85

JP – Japan, Tokyo
Tel: +81 (0)3 6408 3901

KR – South Korea, Seoul
Tel: +82 2 559 0400

MY – Malaysia, Shah Alam
Tel: +60 3 7849 0800

NZ – New Zealand, Mt Wellington
Tel: +64 9 574 1744

SG – Singapore
Tel: +65 6887 6300

TH – Thailand, Bangkok
Tel: +662 186 7000

TW – Taiwan, Taipei
Tel: +886 2 2298 8987

South America

AR – Argentina, Buenos Aires
Tel: +54 3327 44 4129

BR – Brazil, Sao Jose dos Campos
Tel: +55 800 727 5374

CL – Chile, Santiago
Tel: +56 2 623 1216

MX – Mexico, Toluca
Tel: +52 72 2275 4200

Ed. 06-2019

CAT/0207/UK

Fluid System Connectors Europe
Parker Hannifin Manufacturing France SAS
Parker Hannifin Corporation
Parc Alcyone- Bâtiment D
1 rue André et Yvonne Meynier
35069 Rennes - France
Phone: +33 (0)2 99 25 55 00
Fax: +33 (0)2 99 25 55 99
www.parkerlegris.com