



# **Parker Legris**

## On-Road Brochure



ENGINEERING YOUR SUCCESS.



**Premium Customer Service**

**Certified**  
**ISO TS16949 / ISO 14001**

**Quality  
Management**

**In-house Lab Testing  
& Certification**

**Engineering  
Expertise**

**Project  
Management**

**Custom Product &  
Co-Development**

**Innovation Network**



# **Parker Legris**

Provider of Innovative Fluid Handling  
Solutions for Transportation

## **Our DNA**

Inventor of **push-to-connect technology**, we constantly strive to **design, manufacture and customise easy-to-assemble innovative fluid handling** solutions distributed anywhere across the globe.

## **Our Expertise**

Experts in **optimising flow, compactness, reliability** and **robustness**, we guarantee **fluid integrity** to offer the solution adapted to your product environment.



## Our Capabilities in Transportation

- Air brake and auxiliary pneumatic systems specialist
- Expert in customised manifolds
- Ability to reach market standards ISO / DIN / DOT / SAE
- OEM support through our application engineers
- On-time delivery focus: Dedicated teams for each order follow-up
- Quality Management and traceability of our 100% tested products are at the very heart of our manufacturing processes
- Strong aftermarket support: Parkers worldwide distribution network

# Applications



## Trucks



Prestomatic Brass



Prestomatic Composite



LF3400



LF3000



Prestofuel



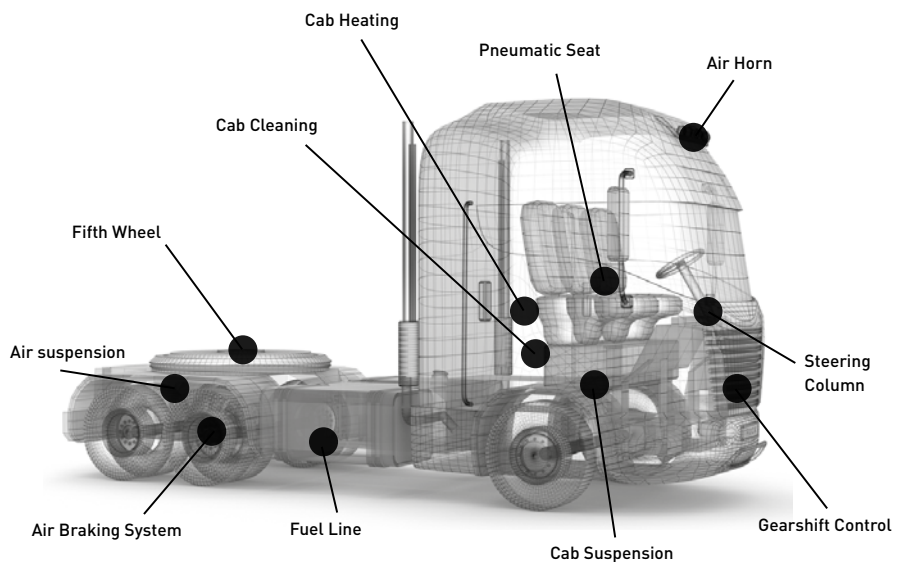
Manifolds



PA Tubing



Blowguns



## Trailers



Prestomatic Brass



Prestomatic Composite



LF3400



LF3000



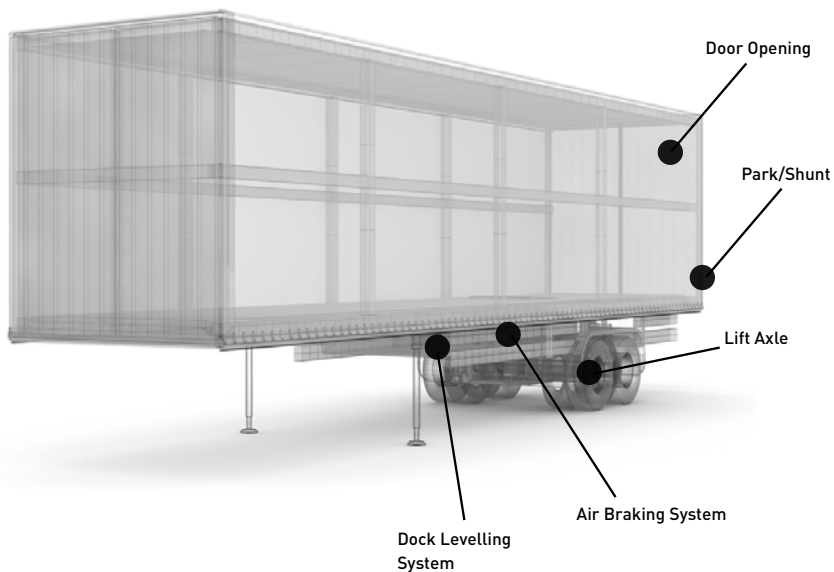
LF3600



Cartridge



PA Tubing





# Applications



## Buses



Prestomatic Brass



Prestomatic Composite



LF3000



Prestofuel



Cartridge



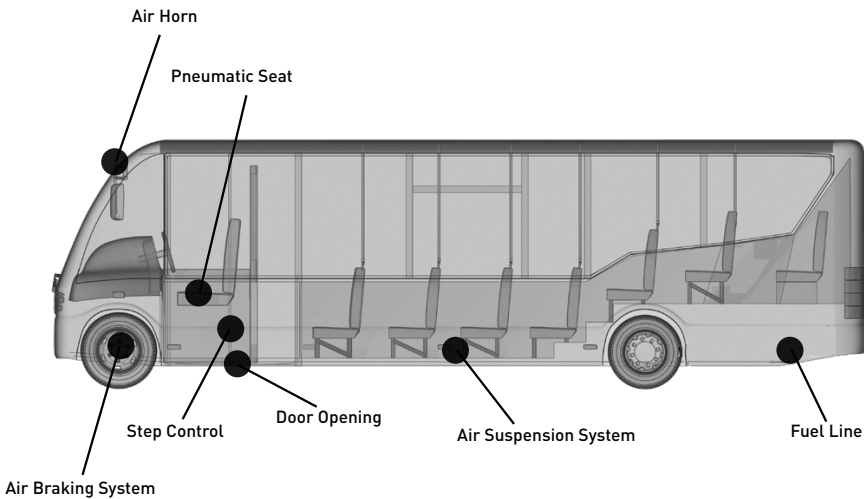
PU Tubing



Flow Regulator



Silencers



## Special vehicles



Prestomatic Brass



Prestomatic Composite



LF3400



LF3000



LF3600



PU Tubing



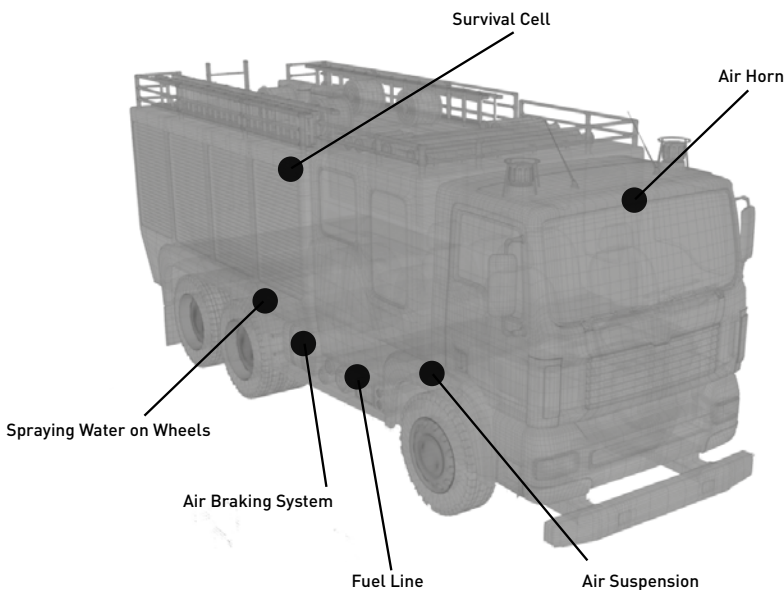
Flow Control



Non Return Valves



Valves



# Applications



## Defence



Prestomatic Brass

Prestomatic Composite

LF3400

LF3000

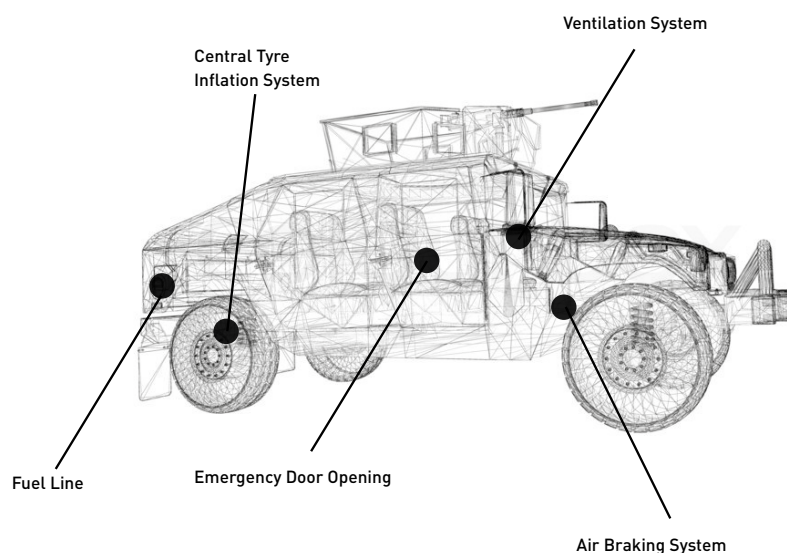
LF3600

Cartridge

PA Tubing

Flow Control

Prestofuel



## Agricultural Machinery



Prestomatic Brass

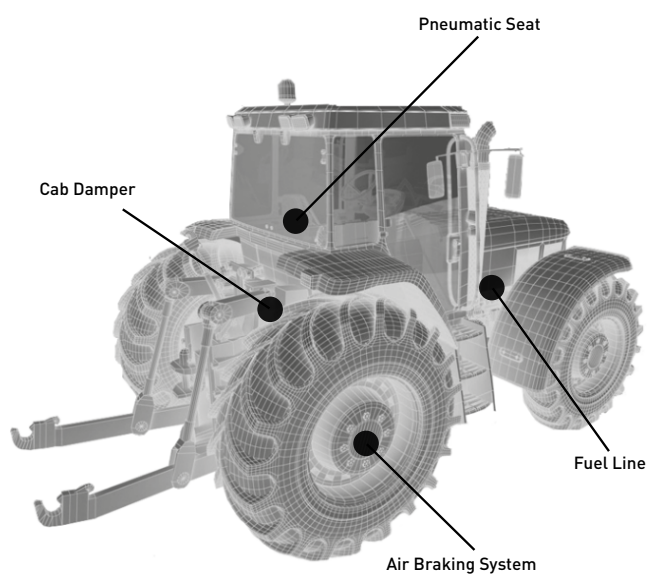
Prestomatic Composite

LF3400

LF3000

Prestofuel

PA Tubing



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Prestomatic Fuel Fittings

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## PA Tubing

### PA Tubing - DIN74324



# 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 Systems Installation

Our push-to-connect technology guarantee 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 grab ring.

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

The elasticity of the grab ring absorbs vibration and pulsating pressure.

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 torquing.

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

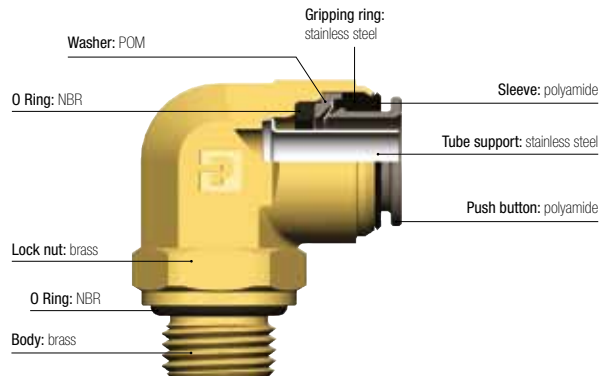
## Prestomatic Brass

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

Tightening Torques (daN.m)	Threads				
	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



Silicone-free

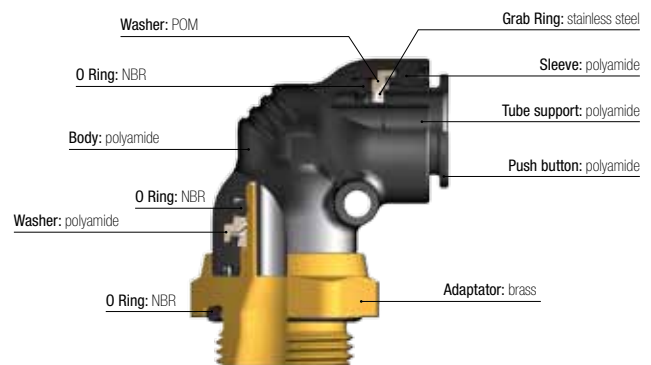
## Prestomatic Composite

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

Tightening Torques (daN.m)	Threads				
	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



Silicone-free

### Regulations

EN 45545-2: HL3, R22, R24, R25 classification can be attained when used with fireproof tubing

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	<a href="#">F8UNPMB6M10</a>
	M12x1.5	<a href="#">F8UNPMB6M12</a>
	M16x1.5	<a href="#">F8UNPMB6M16</a>
8x6	M22x1.5	<a href="#">F8UNPMB6M22</a>
	M12x1.5	<a href="#">F8UNPMB8M12</a>
	M14x1.5	<a href="#">F8UNPMB8M14</a>
10x7.5	M16x1.5	<a href="#">F8UNPMB8M16</a>
	M22x1.5	<a href="#">F8UNPMB8M22</a>
12x9	M12x1.5	<a href="#">F8UNPMB10M12</a>
	M14x1.5	<a href="#">F8UNPMB10M14</a>
	M16x1.5	<a href="#">F8UNPMB10M16</a>
16x12	M22x1.5	<a href="#">F8UNPMB10M22</a>
	M12x1.5	<a href="#">F8UNPMB12M12</a>
	M16x1.5	<a href="#">F8UNPMB12M16</a>
	M22x1.5	<a href="#">F8UNPMB12M22</a>

## F2NPMB

Brass, NBR



ØD	C	
6x4	NPT1/8	<a href="#">F2NPMB6-1/8</a>
	NPT1/4	<a href="#">F2NPMB6-1/4</a>
	NPT3/8	<a href="#">F2NPMB6-3/8</a>
8x6	NPT1/4	<a href="#">F2NPMB8-1/4</a>
	NPT3/8	<a href="#">F2NPMB8-3/8</a>
10x7.5	NPT1/4	<a href="#">F2NPMB10-1/4</a>
	NPT1/2	<a href="#">F2NPMB10-1/2</a>
12x9	NPT3/8	<a href="#">F2NPMB12-3/8</a>
	NPT1/2	<a href="#">F2NPMB12-1/2</a>

## WEONPMB

Brass, NBR



DIN

ØD	DIN	C	
8x6	8L	M14x1.5	<a href="#">WEONPMB8-8L</a>
	10L	M16x1.5	<a href="#">WEONPMB8-10L</a>
	12L	M18x1.5	<a href="#">WEONPMB8-12L</a>
12x9	12L	M18x1.5	<a href="#">WEONPMB12-12L</a>

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

## WF8UNPMB

Brass, NBR



C

ØD	C	C1	
10x7.5	M16x1.5	M24x1.5	<a href="#">WF8UNPMB10M16</a>
	M22x1.5	M24x1.5	<a href="#">WF8UNPMB10M22</a>
12x9	M16x1.5	M24x1.5	<a href="#">WF8UNPMB12M16</a>
	M22x1.5	M24x1.5	<a href="#">WF8UNPMB12M22</a>

## C8UNPMB

Brass, NBR



ØD	C	
6x4	M10x1	<a href="#">C8UNPMB6M10</a>
	M12x1.5	<a href="#">C8UNPMB6M12</a>
	M16x1.5	<a href="#">C8UNPMB6M16</a>
8x6	M22x1.5	<a href="#">C8UNPMB6M22</a>
	M12x1.5	<a href="#">C8UNPMB8M12</a>
	M14x1.5	<a href="#">C8UNPMB8M14</a>
10x7.5	M16x1.5	<a href="#">C8UNPMB8M16</a>
	M22x1.5	<a href="#">C8UNPMB8M22</a>
12x9	M12x1.5	<a href="#">C8UNPMB10M12</a>
	M16x1.5	<a href="#">C8UNPMB10M16</a>
	M22x1.5	<a href="#">C8UNPMB10M22</a>
16x12	M12x1.5	<a href="#">C8UNPMB12M12</a>
	M16x1.5	<a href="#">C8UNPMB12M16</a>
	M22x1.5	<a href="#">C8UNPMB12M22</a>

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

## V8UNPMB

Brass, NBR



ØD	C	
10x7.5	M22x1.5	<a href="#">V8UNPMB10M22</a>
12x9	M16x1.5	<a href="#">V8UNPMB12M16</a>
	M22x1.5	<a href="#">V8UNPMB12M22</a>
16x12	M22x1.5	<a href="#">V8UNPMB16M22</a>

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

## CWEONPMB

Brass, NBR



DIN

ØD	DIN	C	
8x6	15L	M22x1.5	<a href="#">CWEONPMB8-15L</a>
	12L	M18x1.5	<a href="#">CWEONPMB12-12L</a>
12x9	15L	M22x1.5	<a href="#">CWEONPMB12-15L</a>

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

## CS8UNPMB

Brass, NBR



ØD	C	
10x7.5	M22x1.5	<a href="#">CS8UNPMB10M22</a>
12x9	M16x1.5	<a href="#">CS8UNPMB12M16</a>
	M22x1.5	<a href="#">CS8UNPMB12M22</a>

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

# Prestomatic Brass Push-In Fittings

## S8UNPMB

Brass, NBR



ØD	C	
8x6	M16x1.5	<a href="#">S8UNPMB8M16</a>
	M22x1.5	<a href="#">S8UNPMB8M22</a>
10x7.5	M16x1.5	<a href="#">S8UNPMB10M16</a>
	M22x1.5	<a href="#">S8UNPMB10M22</a>
12x9	M16x1.5	<a href="#">S8UNPMB12M16</a>
	M22x1.5	<a href="#">S8UNPMB12M22</a>

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

## R8UNPMB

Brass, NBR



ØD	C	
8x6	M16x1.5	<a href="#">R8UNPMB8M16</a>
10x7.5	M16x1.5	<a href="#">R8UNPMB10M16</a>
	M22x1.5	<a href="#">R8UNPMB10M22</a>
12x9	M16x1.5	<a href="#">R8UNPMB12M16</a>
	M22x1.5	<a href="#">R8UNPMB12M22</a>

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

## S8UNPMBPPAM

Brass, NBR



ØD	C	
10x7.5	M16x1.5	<a href="#">S8UNPMB10PPAM16</a>
12x9	M16x1.5	<a href="#">S8UNPMB12PPAM16</a>
	M22x1.5	<a href="#">S8UNPMB12PPAM22</a>

Test Point thread = M16x1.5

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

## R8UNPMBPPA

Brass, NBR



ØD	C	
12x9	M16x1.5	<a href="#">R8UNPMB12M16PPA</a>
	M22x1.5	<a href="#">R8UNPMB12M22PPA</a>

Test Point thread = M16x1.5

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

## R8UNPMBPPAM

Brass, NBR



ØD	C	
12x9	M16x1.5	<a href="#">R8BPPAM16-12</a>
	M22x1.5	<a href="#">R8BPPAM22-12</a>

Test Point thread = M16x1.5

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

## HNPMB

Brass, NBR



ØD	
6x4	<a href="#">HNPMB6</a>
8x6	<a href="#">HNPMB8</a>
10x7.5	<a href="#">HNPMB10</a>
12x9	<a href="#">HNPMB12</a>
16x12	<a href="#">HNPMB16</a>

## WNPMB

Brass, NBR



ØD	C	
6x4	M18x1.5	<a href="#">WNPMB6</a>
8x6	M20x1.5	<a href="#">WNPMB8</a>
10x7.5	M22x1.5	<a href="#">WNPMB10</a>
12x9	M24x1.5	<a href="#">WNPMB12</a>

## T2ENPMB

Brass, NBR



ØD	ØD1	
6x4	8	<a href="#">T2ENPMB6</a>
8x6	8	<a href="#">T2ENPMB8</a>
10x7.5	12	<a href="#">T2ENPMB10</a>
12x9	12	<a href="#">T2ENPMB12</a>

D1

## JNPMB

Brass, NBR



ØD	
6x4	<a href="#">JNPMB6</a>
8x6	<a href="#">JNPMB8</a>
10x7.5	<a href="#">JNPMB10</a>
12x9	<a href="#">JNPMB12</a>
16x12	<a href="#">JNPMB16</a>



# Prestomatic Composite Push-In Fittings

## C68UNPMK

Technical polymer, brass, NBR



ØD	C	
8x6	M12x1.5	<a href="#">C68UNPMK8M12</a>
	M14x1.5	<a href="#">C68UNPMK8M14</a>
	M16x1.5	<a href="#">C68UNPMK8M16</a>
	M22x1.5	<a href="#">C68UNPMK8M22</a>
10x7.5	M12x1.5	<a href="#">C68UNPMK10M12</a>
	M16x1.5	<a href="#">C68UNPMK10M16</a>
	M22x1.5	<a href="#">C68UNPMK10M22</a>
12x9	M12x1.5	<a href="#">C68UNPMK12M12</a>
	M16x1.5	<a href="#">C68UNPMK12M16</a>
	M22x1.5	<a href="#">C68UNPMK12M22</a>
16x12	M16x1.5	<a href="#">C68UNPMK16M16</a>
	M22x1.5	<a href="#">C68UNPMK16M22</a>

The body swivels for positioning purposes.

## V68UNPMK

Technical polymer, brass, NBR



ØD	C	
10x7.5	M22x1.5	<a href="#">V68UNPMK10M22</a>
12x9	M16x1.5	<a href="#">V68UNPMK12M16</a>
	M22x1.5	<a href="#">V68UNPMK12M22</a>
16x12	M16x1.5	<a href="#">V68UNPMK16M16</a>
	M22x1.5	<a href="#">V68UNPMK16M22</a>

The body swivels for positioning purposes.

## CWEONPMK

Technical polymer, brass, NBR



DIN

ØD	DIN	C	
10x7.5	12L	M18x1.5	<a href="#">CWEONPMK10-12L</a>
	15L	M22x1.5	<a href="#">CWEONPMK10-15L</a>
12x9	12L	M18x1.5	<a href="#">CWEONPMK12-12L</a>
	15L	M22x1.5	<a href="#">CWEONPMK12-15L</a>

Port design ISO8434-1 for steel tube and hoses.

The body swivels for positioning purposes.

## CS68UNPMK

Technical polymer, brass, NBR



ØD1	ØD2	C	
10x7.5	10x7.5	M16x1.5	<a href="#">CS68UNPMK10M16</a>
		M22x1.5	<a href="#">CS68UNPMK10M22</a>
12x9	8x6	M22x1.5	<a href="#">CS68K12-8M22</a>
	10x7.5	M16x1.5	<a href="#">CS68K12-10M16</a>
	10x7.5	M22x1.5	<a href="#">CS68K12-10M22</a>

The body swivels for positioning purposes.

## R68UNPMK

Technical polymer, brass, NBR



ØD	C	
8x6	M12x1.5	<a href="#">R68UNPMK8M12</a>
	M16x1.5	<a href="#">R68UNPMK8M16</a>
	M22x1.5	<a href="#">R68UNPMK8M22</a>
10x7.5	M16x1.5	<a href="#">R68UNPMK10M16</a>
	M22x1.5	<a href="#">R68UNPMK10M22</a>
12x9	M16x1.5	<a href="#">R68UNPMK12M16</a>
	M22x1.5	<a href="#">R68UNPMK12M22</a>
16x12	M16x1.5	<a href="#">R68UNPMK16M16</a>
	M22x1.5	<a href="#">R68UNPMK16M22</a>

The body swivels for positioning purposes.

## JNPMK

Technical polymer, NBR



ØD	
8x6	<a href="#">JNPMK8</a>
10x7.5	<a href="#">JNPMK10</a>
12x9	<a href="#">JNPMK12</a>
16x12	<a href="#">JNPMK16</a>

## S68UNPMK

Technical polymer, brass, NBR



ØD	C	
8x6	M12x1.5	<a href="#">S68UNPMK8M12</a>
	M16x1.5	<a href="#">S68UNPMK8M16</a>
	M22x1.5	<a href="#">S68UNPMK8M22</a>
10x7.5	M16x1.5	<a href="#">S68UNPMK10M16</a>
	M22x1.5	<a href="#">S68UNPMK10M22</a>
12x9	M16x1.5	<a href="#">S68UNPMK12M16</a>
	M22x1.5	<a href="#">S68UNPMK12M22</a>
16x12	M16x1.5	<a href="#">S68UNPMK16M16</a>
	M22x1.5	<a href="#">S68UNPMK16M22</a>

The body swivels for positioning purposes.

## RE68UNPMK

Technical polymer, brass, NBR



ØD	C	
12x9	M16x1.5	<a href="#">RE68UNPMK12M16</a>
	M22x1.5	<a href="#">RE68UNPMK12M22</a>
16x12	M16x1.5	<a href="#">RE68UNPMK16M16</a>
	M22x1.5	<a href="#">RE68UNPMK16M22</a>

The body swivels for positioning purposes.

# Prestomatic Composite Push-In Fittings

## SWEONPMK

Technical polymer, brass, NBR



ØD	DIN	C	
10x7.5	12L	M18x1.5	<a href="#">SWEONPMK10-12L</a>
	15L	M22x1.5	<a href="#">SWEONPMK10-15L</a>
12x9	12L	M18x1.5	<a href="#">SWEONPMK12-12L</a>
	15L	M22x1.5	<a href="#">SWEONPMK12-15L</a>

Port design to ISO8434-1 for steel tube and hoses.  
The body swivels for positioning purposes.

## R68KPPA

Technical polymer, brass, NBR



ØD	C	
10x7.5	M16x1.5	<a href="#">R68K10M16PPA</a>
	M22x1.5	<a href="#">R68K10M22PPA</a>
12x9	M16x1.5	<a href="#">R68K12M16PPA</a>
	M22x1.5	<a href="#">R68K12M22PPA</a>

The body swivels for positioning purposes.  
Test Point thread = M16x1.5

## S68KPPAM

Technical polymer, brass, NBR



ØD	C	
10x7.5	M16x1.5	<a href="#">S68K10PPAM16</a>
	M22x1.5	<a href="#">S68K10PPAM22</a>
12x9	M16x1.5	<a href="#">S68K12PPAM16</a>
	M22x1.5	<a href="#">S68K12PPAM22</a>

The body swivels for positioning purposes.  
Test Point thread = M16x1.5

## RE68KPPA

Technical polymer, brass, NBR



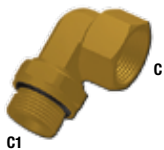
ØD	C	
10x7.5	M16x1.5	<a href="#">RE68K10M16PPA</a>

The body swivels for positioning purposes.  
Test Point thread = M16x1.5

# Air Brake Adaptors and Accessories

## D8C8UB

Brass, NBR



C	C1	
M16x1.5	M16x1.5	<a href="#">M16M16D8C8UB</a>
M16x1.5	M22x1.5	<a href="#">M16M22D8C8UB</a>
M22x1.5	M22x1.5	<a href="#">M22D8C8UB</a>

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

## D8V8UB

Brass, NBR

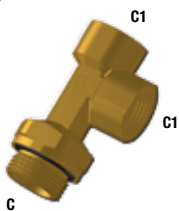


C		
M16x1.5		<a href="#">M16M16D8V8UB</a>

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

## MR08UB

Brass, NBR

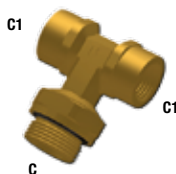


C	C1	
M12x1.5	M12x1.5	<a href="#">M12MR08UB</a>
M16x1.5	M16x1.5	<a href="#">M16MR08UB</a>
M16x1.5	M16x1.5	<a href="#">M16M22M16MR08UB</a>
M22x1.5	M22x1.5	<a href="#">M22MR08UB</a>

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

## MMS8UB

Brass, NBR



C	C1	
M16x1.5	M16x1.5	<a href="#">M16MMS8UB</a>
M22x1.5	M16x1.5	<a href="#">M16M16M22MMS8UB</a>

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

## MM08BKT

Brass



C		
M16x1.5		<a href="#">M16MM08BKT</a>

## F8UG8B

Brass, NBR



C	C1	
M16x1.5	M12x1.5	<a href="#">M16M12F8UG8B</a>
M22x1.5	M16x1.5	<a href="#">M22M16F8UG8B</a>

## F8UGB

Brass, NBR



C	C1	
M16x1.5	NPT 1/4	<a href="#">M16-1/4F8UGB</a>
M22x1.5	NPT 3/8	<a href="#">M22-3/8F8UGB</a>

## F8UHA8UB

Brass, NBR

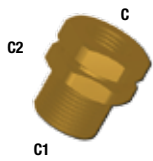


C	C1	
M16x1.5	M16x1.5	<a href="#">M16F8UHA8UB</a>
M22x1.5	M16x1.5	<a href="#">M16M22F8UHA8UB</a>
M22x1.5	M22x1.5	<a href="#">M22F8UHA8UB</a>

# Air Brake Adaptors and Accessories

## WGG88B

Brass, NBR



C	C1	C2	
M16x1.5	M16x1.5	M22x1.5	<a href="#">M16WGG88BH27</a>
M22x1.5	M16x1.5	M26x1.5	<a href="#">M22M16WGG88B</a>

## WG8F8UB

Brass, NBR



C	C1	C2	
M16x1.5	M16x1.5	M22x1.5	<a href="#">M16WG8F8UB</a>
M22x1.5	M16x1.5	M22x1.5	<a href="#">M16M22WG8F8UB</a>

## PPRF8UM

Brass, NBR



C	C1	
M16x1.5	M16x1.5	<a href="#">PPRF8UM16</a>
M22x1.5	M16x1.5	<a href="#">PPRF8UM22</a>

## VDPF8UM

Brass, NBR



C	
M22x1.5	<a href="#">VDPF8UM22L13</a>

## P8UNBL

Brass, NBR



C	
M12x1.5	<a href="#">M12P8UNBL</a>
M14x1.5	<a href="#">M14P8UNBL</a>
M16x1.5	<a href="#">M16P8UNBL</a>
M22x1.5	<a href="#">M22P8UNBL13</a>

## 3126

Technical polymer



ØD	
6	<a href="#">3126 06 00</a>
8	<a href="#">3126 08 00</a>
10	<a href="#">3126 10 00</a>
12	<a href="#">3126 12 00</a>

## WLNB

Brass



C	
M18x1.5	<a href="#">WL8NBM18X1.5</a>
M20x1.5	<a href="#">WL8NBM20X1.5</a>
M22x1.5	<a href="#">WL8NBM22X1.5</a>
M24x1.5	<a href="#">WL8NBM24X1.5</a>

# LF 3400 Push-In Fittings

Designed for auxiliary pneumatic circuits but fulfilling the performance requirements of DIN74324, our LF3400 range is an excellent technical and economic solution.

## Product Advantages

### Security and Productivity

Excellent sealing thanks to captive, creep-resistant seal's position in the fitting.  
Design specification for severe environment (mechanical strength, high and low temperature, chemical attacks, paint).  
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.

### 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.



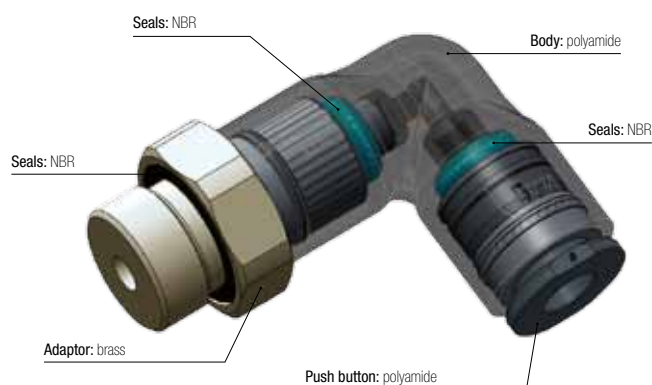
## Technical Characteristics

Compatible Fluids	Compressed Air
Working Pressure	16 bar
Working Temperature	-40°C to +100°C Higher peak temperatures are possible, please consult us!

### Regulations

Tube support and use with polyamide tubing conforming to the following standards:  
DIN 74324-1  
DIN 73378  
ISO 7628  
NF-R12-632-2  
NF E49-100

### Component Materials



**Silicone-free**



# Stud Fittings

## 3471

Brass, NBR



ØD	C	
6x4	M10x1.5	<a href="#">3471 06 60</a>
	M12x1.5	<a href="#">3471 06 67</a>
	M16x1.5	<a href="#">3471 06 75</a>
8x6	M12x1.5	<a href="#">3471 08 67</a>
	M16x1.5	<a href="#">3471 08 75</a>

## 3479

Polyamide, NBR



ØD	C	
6x4	M10x1	<a href="#">3479 06 60</a>
	M12x1.5	<a href="#">3479 06 67</a>
	M16x1.5	<a href="#">3479 06 75</a>
8x6	M12x1.5	<a href="#">3479 08 67</a>
	M16x1.5	<a href="#">3479 08 75</a>

## 3478

Polyamide, NBR



ØD	C	
6x4	M10x1	<a href="#">3478 06 60</a>
8x6	M12x1.5	<a href="#">3478 08 67</a>

## 3476

Polyamide, NBR



ØD	
6x4	<a href="#">3476 06 00</a>
8x6	<a href="#">3476 08 00</a>

## 3474

Polyamide, NBR



ØD	
6x4	<a href="#">3474 06 00</a>
8x6	<a href="#">3474 08 00</a>

## 3467

Polyamide, NBR



ØD	Ø D1	
8x6	6x4	<a href="#">3467 08 06</a>

# Plug-In Fittings and Accessories

## 3462

Polyamide, NBR



Ø D1	Ø D2	
6x4	6	<a href="#">3462 06 00</a>
8x6	8	<a href="#">3462 08 00</a>

## 3463

Polyamide, NBR



Ø D1	Ø D2	
6x4	6	<a href="#">3463 06 00</a>

## 3464

Polyamide, NBR



Ø D1	Ø D2	
6x4	8	<a href="#">3464 06 08</a>

## 3150

Polyamide



ØD	
6	<a href="#">3150 06 59</a>
8	<a href="#">3150 06 60</a>

## 3470

Polyamide, NBR



ØD	
6x4	<a href="#">3470 06 00</a>

# Cartridges

Designed for tubing insertion in non-threaded cavities, our cartridges guarantee the integrity of the sealing system on auxiliary systems of 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 all components present and correctly assembled.  
Only Premium quality raw materials used.

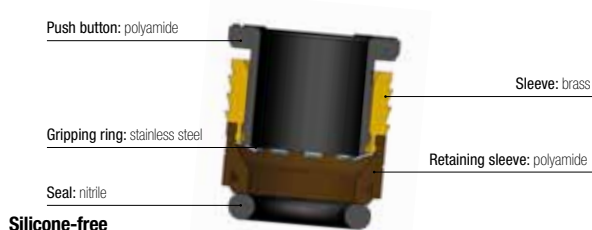


## Technical Characteristics

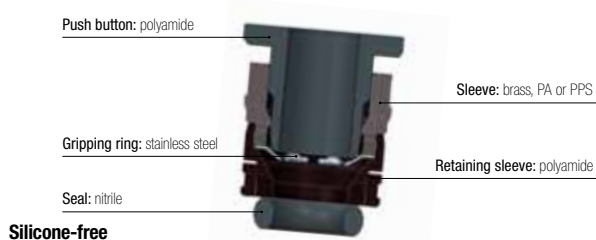
Compatible Fluids	Compressed Air
Working Pressure	Vacuum to 16 bar
Working Temperature	Standard cartridge: -40°C to +80°C High performance cartridges: -40°C to +100°C

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

### 3100 Component Materials Standard Cartridge



### 3400 Component Materials High Performance Cartridge



## Products

### 3100

Brass, Technical polymer, NBR



ØD	
4	<a href="#">3100 00 00 54</a>
6	<a href="#">3100 00 00 55</a>
8	<a href="#">3100 00 00 56</a>
10	<a href="#">3100 00 00 57</a>

### 3400xx00

Technical polymer, NBR



ØD	
6	<a href="#">3400 06 00</a>
8	<a href="#">3400 08 00</a>

Retaining sleeve in PPS suitable for plastic cavity with groove.

### 3400xx01

Technical polymer, NBR



ØD	
6	<a href="#">3400 06 01</a>
8	<a href="#">3400 08 01</a>

Retaining sleeve in PA suitable for metal cavity with groove.

### 3400xx02

Brass, Technical polymer, NBR



ØD	
6	<a href="#">3400 06 02</a>
8	<a href="#">3400 08 02</a>

Retaining sleeve in brass suitable for plastic and metal cavity without groove.

# Prestofuel-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.

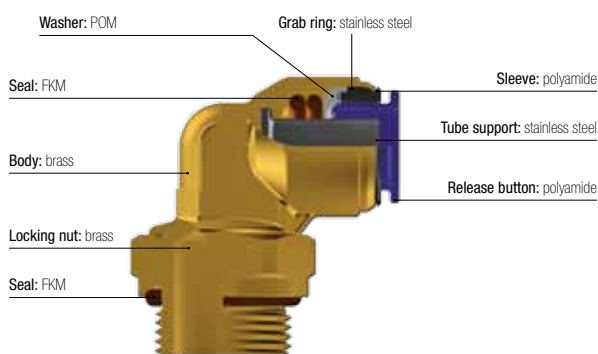
**Quality and Traceability of our Products** | 100% leak-tested products in production.  
Systematic Vision-control to guarantee the production process robustness.  
Individual component traceability and products date code.  
Premium and pure raw material required from our suppliers.



## Technical Characteristics

<b>Compatible Fluids</b>	Compressed air, diesel, bio fuel B20 RME and fuel
<b>Working Pressure</b>	25 bar
<b>Working Temperature</b>	-40°C to +100°C For lower temperature applications, please consult us!

### Component Materials



Silicone-free

## Products

### F8UNDFB-V

Brass, NBR



ØD	C	
10x7.5	M16x1.5	<a href="#">F8UNDFB10M16V</a>
12x9	M14x1.5	<a href="#">F8UNDFB12M14V</a>
	M16x1.5	<a href="#">F8UNDFB12M16V</a>
16x12	M16x1.5	<a href="#">F8UNDFB16M16V</a>

### C8UNDFB-V

Brass, NBR



ØD	C	
10x7.5	M22x1.5	<a href="#">C8UNDFB10M22V</a>
12x9	M14x1.5	<a href="#">C8UNDFB12M14V</a>
	M16x1.5	<a href="#">F8UNDFB12M16V</a>
16x12	M16x1.5	<a href="#">F8UNDFB16M16V</a>

### F8USAEBV

Brass, NBR



S*	C	
8 mm - 5/16"	M12x1.5	<a href="#">M12-8F8USAEBV</a>
9.5mm - 3/8"	M12x1.5	<a href="#">M12-9.5F8USAEBV</a>
10 mm - 7/16"	M12x1.5	<a href="#">M12-10F8USAEBV</a>
	M16x1.5	<a href="#">M16-10F8USAEBV</a>
16 mm - 5/8"	M12x1.5	<a href="#">M12-16F8USAEBV</a>
12 mm	M16x1.5	<a href="#">M16-12F8USAEBV</a>

\*SAE J2044 nominal coupling size

# 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

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

Reliable performance is dependent upon the type of fluid conveyed and fittings being used. Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

### 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.

# 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

## 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 bis +80°C

## 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

## Silencer



**Fluids:** compressed air, non-corrosive industrial fluids  
**Materials:** sintered bronze, polyethylene, stainless steel, nickel-plated brass  
**Pressure:** 12 bar  
**Temperature:** -20°C to +180°C  
**Ø metric:** 4 mm to 12 mm  
**Threads:** BSPP, NPT, metric

## Blowguns kit



**Fluids:** compressed air  
**Materials:** brass, technical polymer  
**Pressure:** 10 bar  
**Temperature:** -15°C to +50°C  
**DN:** according to model

## 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<sub>2</sub>, 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

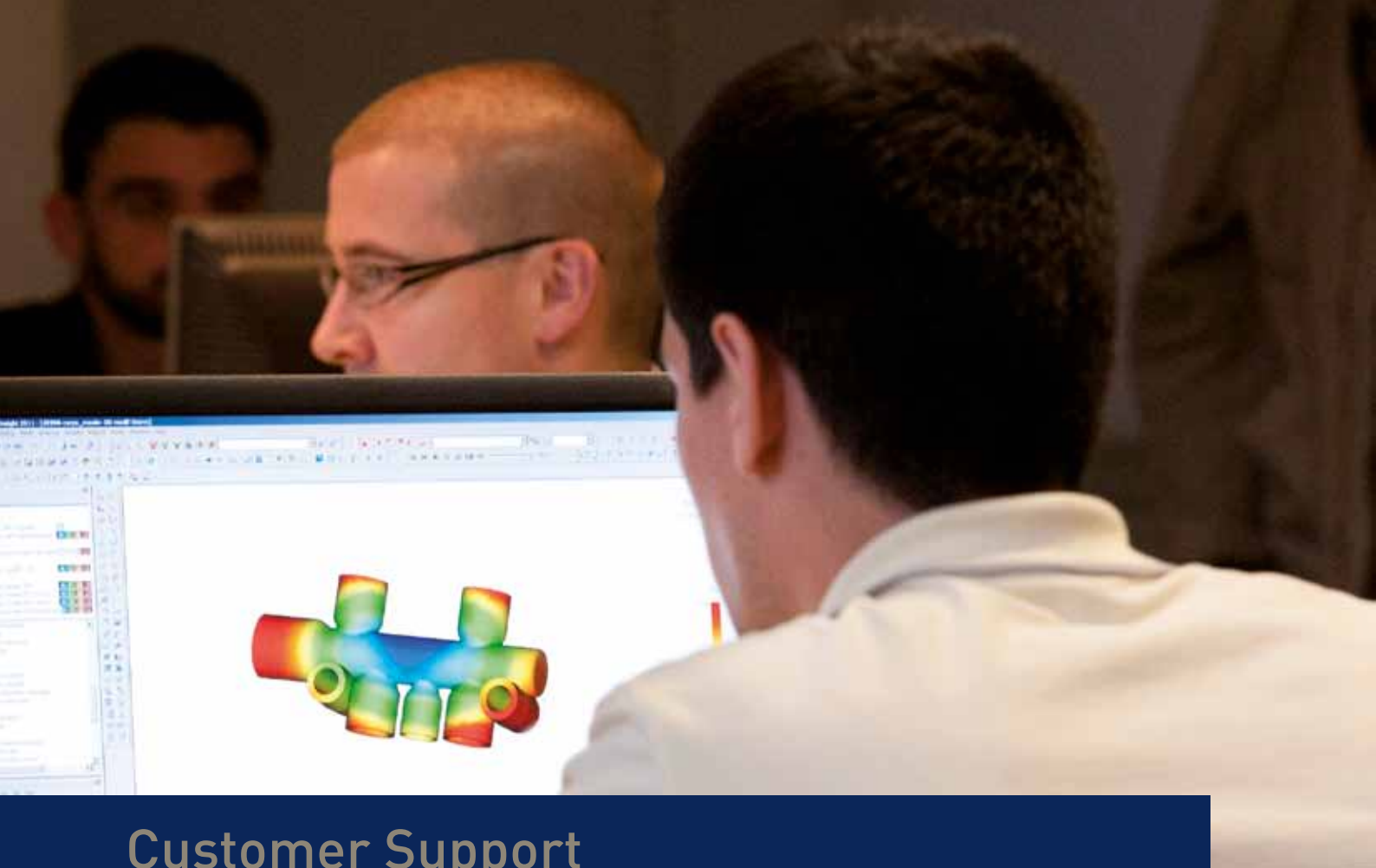
## Axial Valves



**Fluids:** compressed air, industrial fluids  
**Materials:** nickel-plated brass  
**Pressure:** 10 bar  
**Temperature:** -20°C to +135°C  
**Threads:** 3/8" to 2"

Many more products available on [www.parkerlegris.com](http://www.parkerlegris.com)





## Customer Support

**As partners in your plans,** we offer you support and guidance in your projects.

FSCE has implemented a platform organization dedicated to OEM customers.

As we know your application, as we carry all required in-house capabilities, we can deliver fully adapted solutions.

### Design & Engineering:

- Co-creation & validation loop with the user (Design thinking approach)
- Customer product validation with our prototyping department (3D printing, plastic injection, machining components)
- Integration of our product data into your information systems
- 2D and 3D Drawings available in your format

### Quality Management:

- Technical support all the product lifetime
- PPAP
- Certificates of conformity for our products

### Supply Chain Support:

- On time delivery guarantee
- Improved Stock: management packaging, bar codes and customized labels

### Special Products:

- Ability to modify or adapt our products on demand: shape modification, temperature range, chemical compatibility...  
Longer threads, different types of seal, special additives and materials, custom colours, customised marking, specific packaging, pre-formed tubing, packaged solutions... are all parameters which we can easily modify
- Design of your unique product: manifolds, fittings with silencer Two-in-one, wheel valves for tyre pressure management...

**Our team is at your service,  
please do not hesitate to consult us.**



# THIS IS PARKER

***Our  
DNA***

*Inventor of push-to-connect technology  
We constantly strive to design, manufacture & customize  
Innovative fluid handling solutions*

Solving the World's Greatest Transportation Challenges

Our goal is to develop innovative products that serve the needs of humanity, meet emission legislation requirements, and reduce fuel consumption.

[www.parkerlegris.com](http://www.parkerlegris.com)



ENGINEERING YOUR SUCCESS.

# Parker's Motion & Control Technologies

At Parker, we're guided by a relentless drive to help our customers become more productive and achieve higher levels of profitability by engineering the best systems for their requirements. It means looking at customer applications from many angles to find new ways to create value. Whatever the motion and control technology need, Parker has the experience, breadth of product and global reach to consistently deliver. No company knows more about motion and control technology than Parker. For further info call 00800 27 27 5374.



## **Aerospace**

### **Key Markets**

Aftermarket services  
Commercial transports  
Engines  
General & business aviation  
Helicopters  
Launch vehicles  
Military aircraft  
Missiles  
Power generation  
Regional transports  
Unmanned aerial vehicles

### **Key Products**

Control systems & actuation products  
Engine systems & components  
Fluid conveyance systems & components  
Fluid metering, delivery & atomization devices  
Fuel systems & components  
Fuel tank inerting systems  
Hydraulic systems & components  
Thermal management  
Wheels & brakes



## **Climate Control**

### **Key Markets**

Agriculture  
Air conditioning  
Construction Machinery  
Food & beverage  
Industrial machinery  
Life sciences  
Oil & gas  
Precision cooling  
Process  
Refrigeration  
Transportation

### **Key Products**

Accumulators  
Advanced actuators  
CO<sub>2</sub> controls  
Electronic controllers  
Filter driers  
Hand shut-off valves  
Heat exchangers  
Hose & fittings  
Pressure regulating valves  
Refrigerant distributors  
Safety relief valves  
Smart pumps  
Solenoid valves  
Thermostatic expansion valves



## **Electromechanical**

### **Key Markets**

Aerospace  
Factory automation  
Life science & medical  
Machine tools  
Packaging machinery  
Paper machinery  
Plastics machinery & converting  
Primary metals  
Semiconductor & electronics  
Textile  
Wire & cable

### **Key Products**

AC/DC drives & systems  
Electric actuators, gantry robots & slides  
Electrohydraulic actuation systems  
Electromechanical actuation systems  
Human machine interface  
Linear motors  
Stepper motors, servo motors, drives & controls  
Structural extrusions



## **Filtration**

### **Key Markets**

Aerospace  
Food & beverage  
Industrial plant & equipment  
Life sciences  
Marine  
Mobile equipment  
Oil & gas  
Power generation & renewable energy  
Process  
Transportation  
Water Purification

### **Key Products**

Analytical gas generators  
Compressed air filters & driers  
Engine air, coolant, fuel & oil filtration systems  
Fluid condition monitoring systems  
Hydraulic & lubrication filters  
Hydrogen, nitrogen & zero air generators  
Instrumentation filters  
Membrane & fiber filters  
Microfiltration  
Sterile air filtration  
Water desalination & purification filters & systems



## **Fluid & Gas Handling**

### **Key Markets**

Aerial lift  
Agriculture  
Bulk chemical handling  
Construction machinery  
Food & beverage  
Fuel & gas delivery  
Industrial machinery  
Life sciences  
Marine  
Mining  
Mobile  
Oil & gas  
Renewable energy  
Transportation

### **Key Products**

Check valves  
Connectors for low pressure fluid conveyance  
Deep sea umbilicals  
Diagnostic equipment  
Hose couplings  
Industrial hose  
Mooring systems & power cables  
PTFE hose & tubing  
Quick couplings  
Rubber & thermoplastic hose  
Tube fittings & adapters  
Tubing & plastic fittings



## **Hydraulics**

### **Key Markets**

Aerial lift  
Agriculture  
Alternative energy  
Construction machinery  
Forestry  
Industrial machinery  
Machine tools  
Marine  
Material handling  
Mining  
Oil & gas  
Power generation  
Refuse vehicles  
Renewable energy  
Truck hydraulics  
Turf equipment

### **Key Products**

Accumulators  
Cartridge valves  
Electrohydraulic actuators  
Human machine interfaces  
Hybrid drives  
Hydraulic cylinders  
Hydraulic motors & pumps  
Hydraulic systems  
Hydraulic valves & controls  
Hydrostatic steering  
Integrated hydraulic circuits  
Power take-offs  
Power units  
Rotary actuators  
Sensors



## **Pneumatics**

### **Key Markets**

Aerospace  
Conveyor & material handling  
Factory automation  
Life science & medical  
Machine tools  
Packaging machinery  
Transportation & automotive

### **Key Products**

Air preparation  
Brass fittings & valves  
Manifolds  
Pneumatic accessories  
Pneumatic actuators & grippers  
Pneumatic valves & controls  
Quick disconnects  
Rotary actuators  
Rubber & thermoplastic hose & couplings  
Structural extrusions  
Thermoplastic tubing & fittings  
Vacuum generators, cups & sensors



## **Process Control**

### **Key Markets**

Alternative fuels  
Biopharmaceuticals  
Chemical & refining  
Food & beverage  
Marine & shipbuilding  
Medical & dental  
Microelectronics  
Nuclear Power  
Offshore oil exploration  
Oil & gas  
Pharmaceuticals  
Power generation  
Pulp & paper  
Steel  
Water/wastewater

### **Key Products**

Analytical Instruments  
Analytical sample conditioning products & systems  
Chemical injection fittings & valves  
Fluoropolymer chemical delivery fittings, valves & pumps  
High purity gas delivery fittings, valves, regulators & digital flow controllers  
Industrial mass flow meters/controllers  
Permanent no-weld tube fittings  
Precision industrial regulators & flow controllers  
Process control double block & bleeds  
Process control fittings, valves, regulators & manifold valves



## **Sealing & Shielding**

### **Key Markets**

Aerospace  
Chemical processing  
Consumer  
Fluid power  
General industrial  
Information technology  
Life sciences  
Microelectronics  
Military  
Oil & gas  
Power generation  
Renewable energy  
Telecommunications  
Transportation

### **Key Products**

Dynamic seals  
Elastomeric o-rings  
Electro-medical instrument design & assembly  
EMI shielding  
Extruded & precision-cut, fabricated elastomeric seals  
High temperature metal seals  
Homogeneous & inserted elastomeric shapes  
Medical device fabrication & assembly  
Metal & plastic retained composite seals  
Shielded optical windows  
Silicone tubing & extrusions  
Thermal management  
Vibration dampening



ENGINEERING YOUR SUCCESS.



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Fluid System Connectors Europe

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