

TRUCK  
**QUICK  
CONNECTORS  
PRODUCT  
CATALOG**





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## Dear Partner,

I am happy to share with you our new 2019 catalog ARaymond Quick Connectors. It aims to display our best-in-class technical solutions, and to help you make well-informed decisions. This year our product range of secured connectors has been reinforced. We are pleased to present new products with design featuring multi proofs of connection, ease of use and serviceability, developed to ensure a secure connection and to answer to specific customer requirements.

Our representatives around the globe will be happy to provide detailed information and to demonstrate the new products to you. Please don't hesitate to contact us for further support to find the fluid connection solutions that is most suited for your project.

I have always loved product catalogues and the connection it created between a designer and a user. Despite the growing shift to digital catalogues, I do personally believe the printed ones provide a great emotional response and memory. In fact neuroscientists have proven that print ads caused more activity in the areas of the brain that are associated with value and desire! So please enjoy this latest version of our product catalogue with no restriction.

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*Hocine Ibegazene*  
*President of ARaymond Fluid Connection EMEA / France*

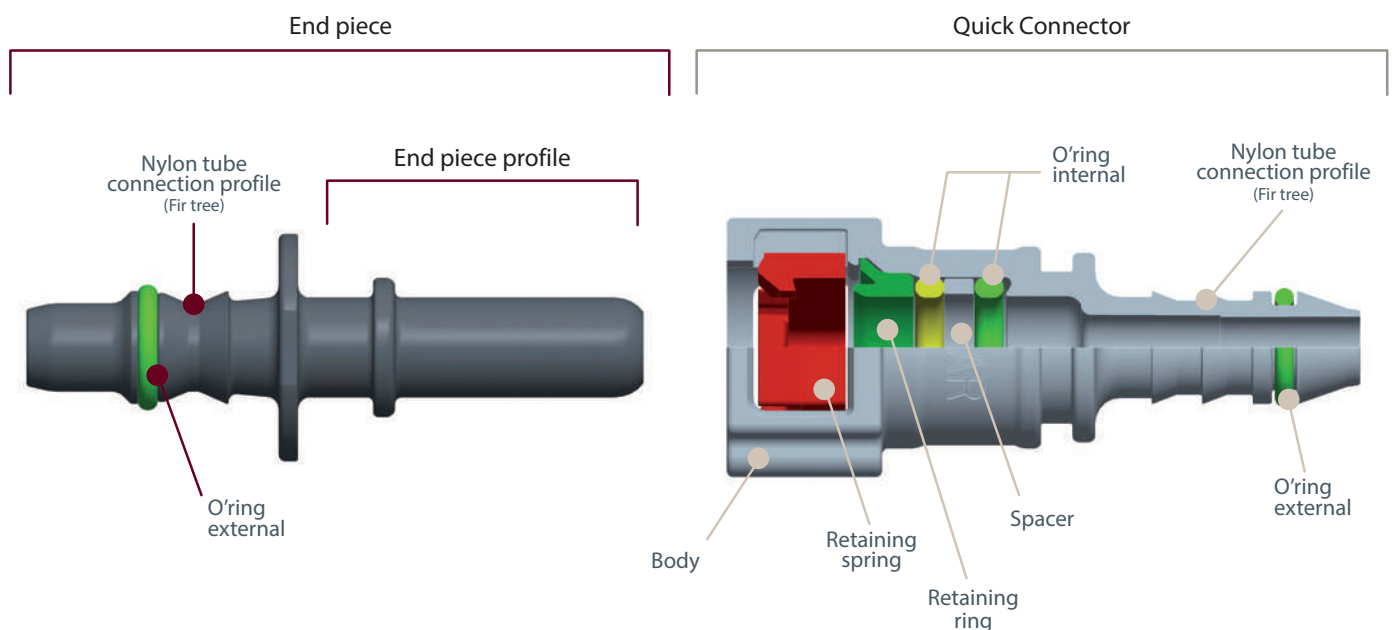
# QUICK CONNECTORS SPECIFICATIONS

## ADVANTAGES

- Manufactured in plastic for reduced weight and corrosion resistance.
- Helps meet environmental requirements / emissions.
- A very compact and short connector, easy for use.
- Reduces assembly cycle time and increasing productivity: no tool required to disconnect in aftermarket applications.
- Biggest range of Quick Connectors worldwide for fuel lines and all car circuits.
- Variety of angles, geometries, diameters.
- Versatility of our Quick Connectors: Integrated functions such as shut-off valve, calibrated valve, one-way-valve, pressure regulator valve, pressure check valve.
- Critical cleanliness guaranteed on all Quick Connectors.
- Assembly proofing devices.

Our wide range of products is bringing **technical solutions** for fluid connection.

## DESCRIPTION OF COMPONENTS



## DESIGN

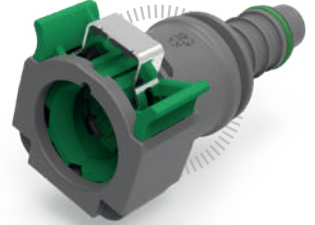
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1-button QC



2-button QC



RayLOCK® QC



P2L® QC



Metal P2L® QC



Selfy® QC



Click P2L® QC



VDA QC



ELock QC



Steelock QC



S2L® QC

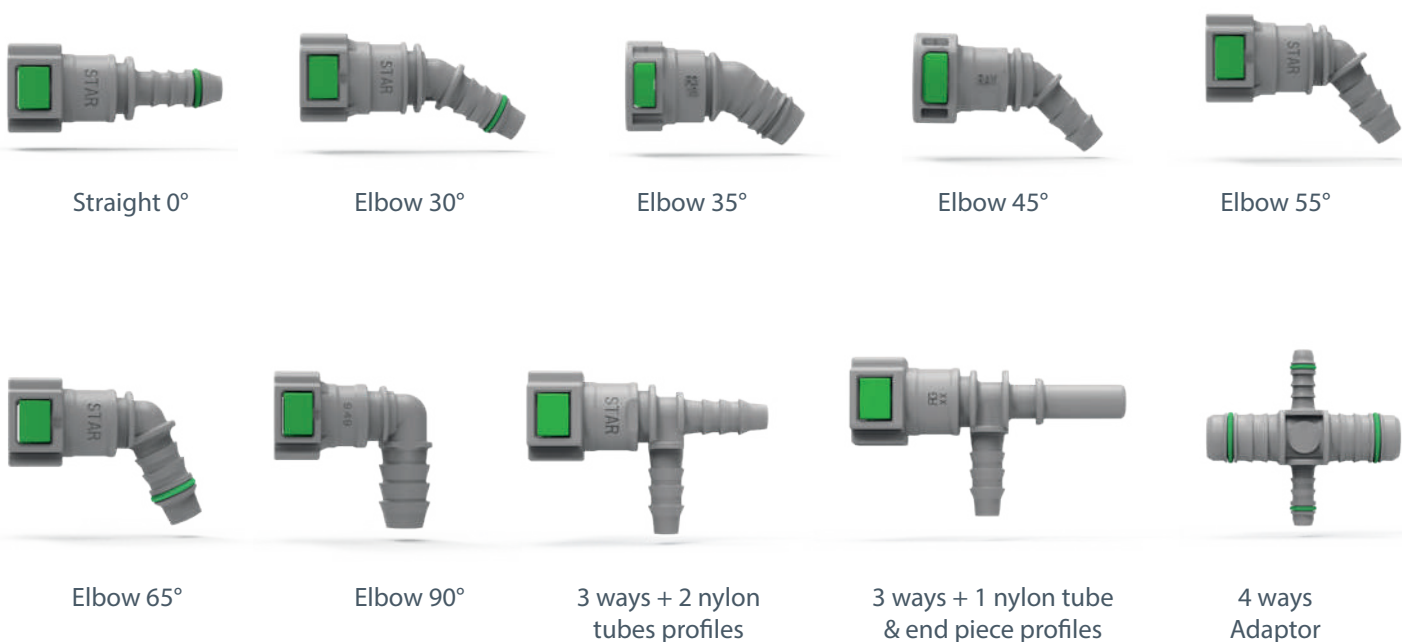


FlagLOCK® QC



# QUICK CONNECTORS SPECIFICATIONS

## ORIENTATION



## ROTATED WINDOWS

The button or locker feature can be offered in various rotated positions **for accessibility issues**. For 1-button, 2-button, RayLOCK®, P2L®, Selfy®, Click P2L®, and VDA QCs.



## ASSEMBLY CHECKING DEVICES

### Assembly check PullTab



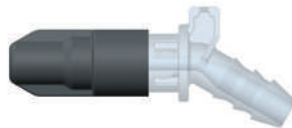
### Spring off element



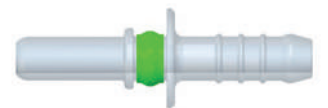
## OTHER ACCESSORIES



Protection cap for end piece



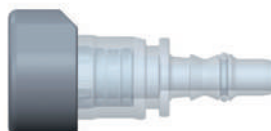
Protection cap for fir tree



Color clip for color coding



QC with plug



Protection cap for 1- or 2-button QC

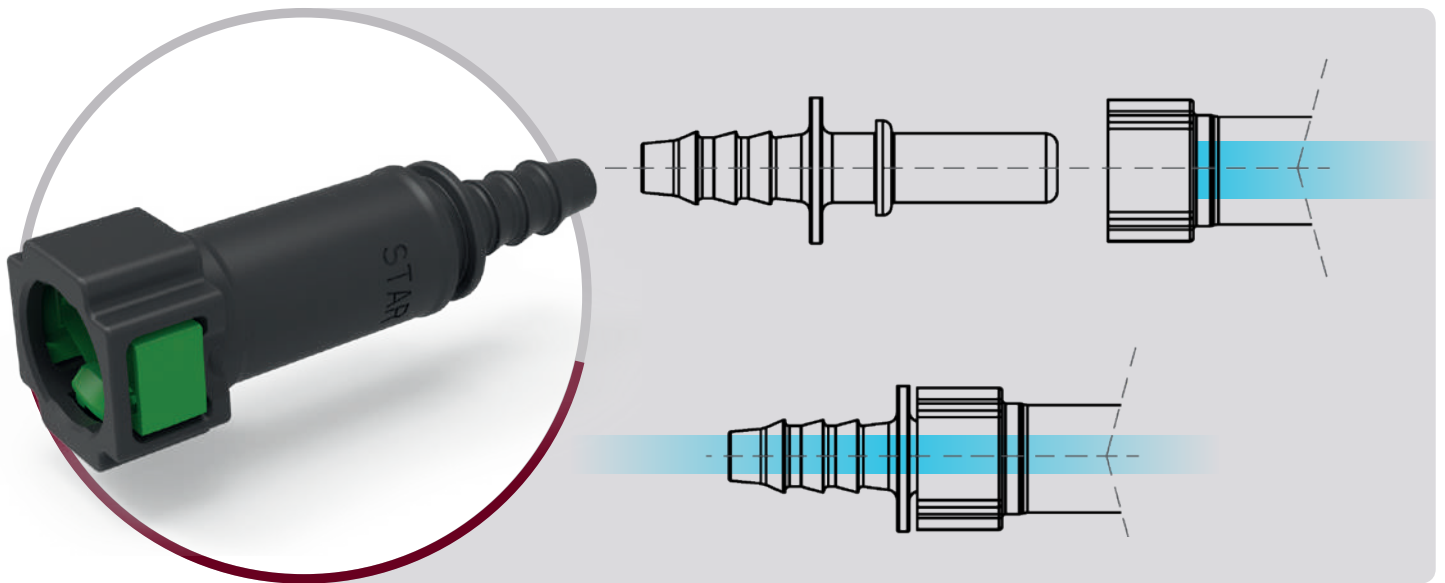


Protector connector cover

# QUICK CONNECTORS SPECIFICATIONS

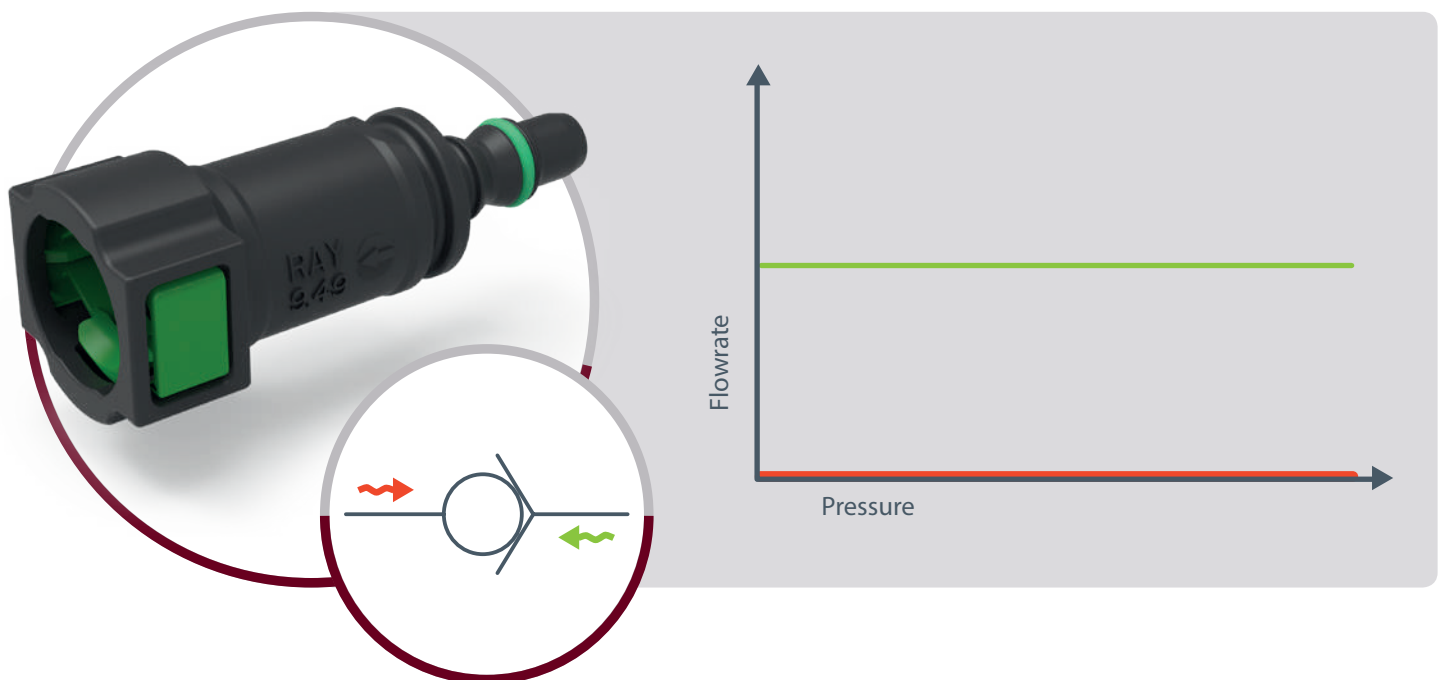
## SHUT OFF VALVE

**Shut Off Valve** is specified to allow flow when connected to an end piece and no flow when disconnected.



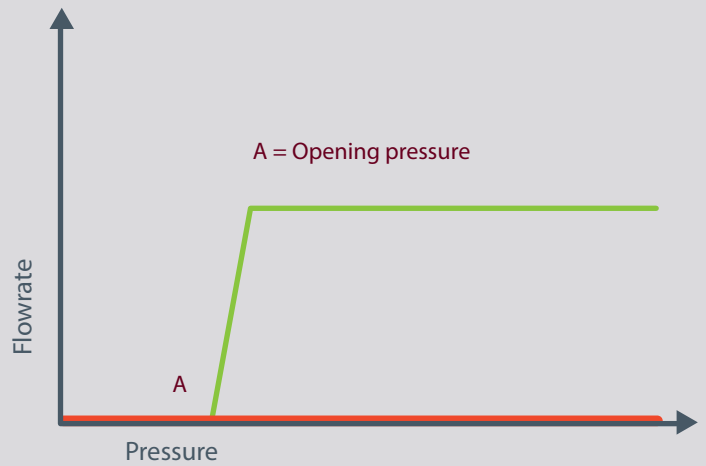
## ONE WAY VALVE

**One Way Valve** or non return valve is specified to allow flow in one direction only. The valve is integrated within the QC.



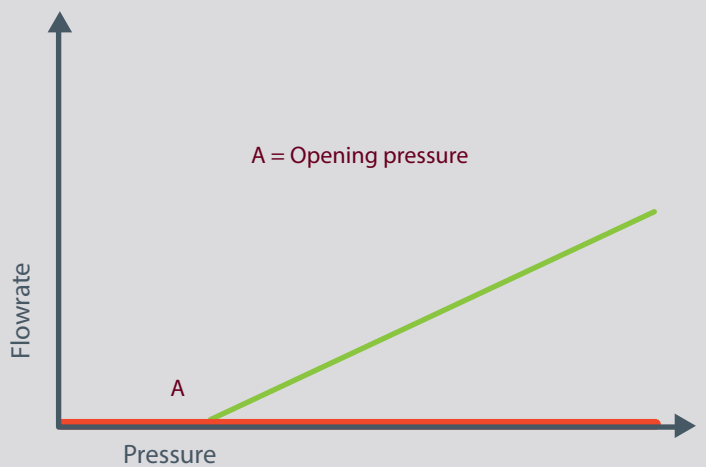
## CALIBRATED VALVE

**Calibrated Valve** is specified when an accurate opening pressure is required and to allow flow in one direction only. The valve is integrated within the QC.



## PRESSURE REGULATOR

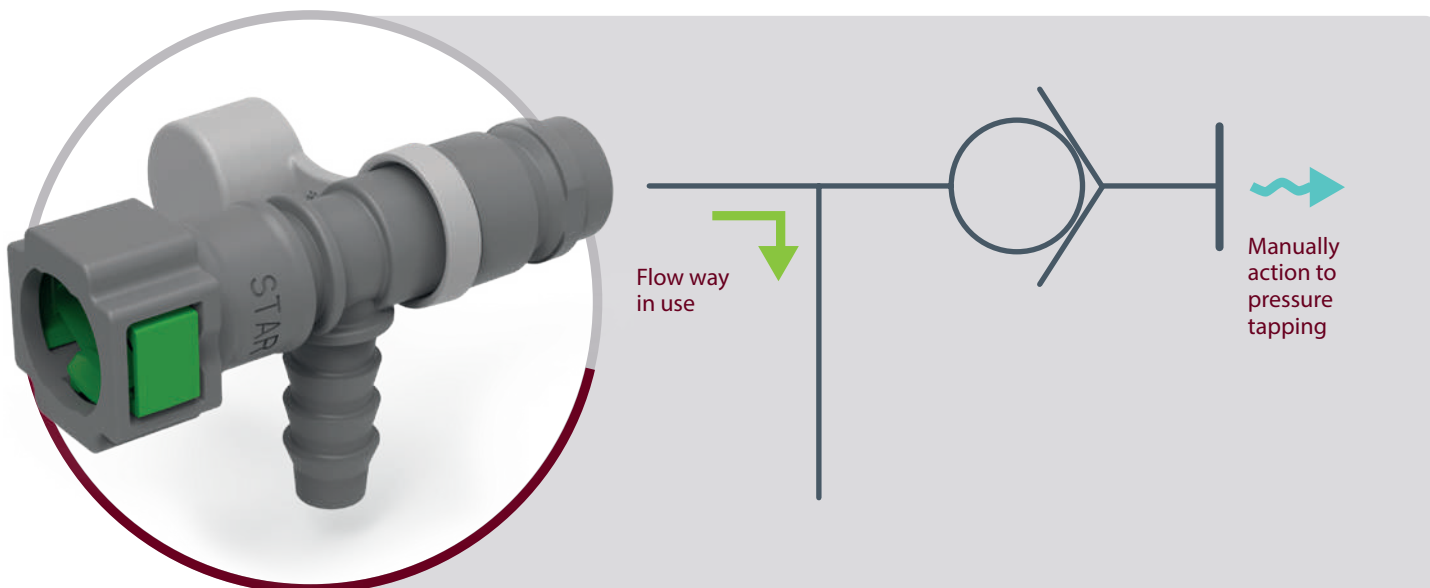
**Pressure Regulator** is specified when an accurate control of the pressure is required in relation to a functional pressure/ flow rate curve. The valve is integrated within the QC.



# QUICK CONNECTORS SPECIFICATIONS

## RG® VALVE

**RG® Valve** is specified when access is required to a system for maintenance or diagnostics. The valve is manually opened or closed and allows drain.



## ONLINE CATALOG

[catalog.araymond-truck.com](http://catalog.araymond-truck.com)

Join us on our website and discover the online catalog for ARaymond fluid connection.



	QC	End Piece	Accessories
<b>SAE</b>	<b>p.11</b>		
6.30 - 1/4"	p.12	p.15	p.15
7.89 - 5/16"	p.16	p.31	p.33
9.49 - 3/8"	p.34	p.41	p.42
9.89	p.43	p.50	p.51
11.80 - 12.00	p.52	p.56	p.56
12.61 - 1.2"	p.58	p.59	p.59
15.82 - 5/8"	p.60	p.65	-
22.00	p.66	p.66	p.66
25.50-1"	p.66	p.66	p.66
28.50-11/8"	p.66	p.66	p.66
ACCESSORIES - 7.89	-	p.67	p.67
ACCESSORIES - 9.49	-	p.68	p.68
ACCESSORIES - 9.89	-	p.68	p.68
ACCESSORIES - 15.82	-	-	p.69

<b>METRIC</b>	<b>p.71</b>		
8.00	p.72	p.79	-
10.00	p.80	p.86	-
10.00 / 16.00	p.86	p.86	p.86
16.00	p.87	p.89	p.89
17.50	p.90	-	-
18.00	p.91	p.92	p.92
20.00	p.93	-	-
24.00	p.94	p.94	-
34.00	p.95	-	-
37.00	p.95	-	-
56.00	p.96	-	-
69.00	p.96	-	-
ACCESSORIES - 8.00	-	p.97	p.97
ACCESSORIES - 10.00	-	-	p.98
ACCESSORIES - 16.00	-	-	p.98

	QC	End Piece	Accessories
<b>VDA</b>	<b>p.99</b>		
NW6	p.100	-	-
NW12	p.101	-	-
NW14	p.101	-	-
NW16	p.102	p.104	-
NW20	p.105	p.105	-
NW26	p.105	-	-
NW32	p.106	-	-
NW55-61.00	p.106	-	-

<b>2-BUTTON COMPACT QC</b>	<b>p.107</b>		
2-BUTTON COMPACT QC	p.108	-	-

<b>DN</b>	<b>p.109</b>		
DN6	p.110	-	-
DN14	p.111	-	-
DN18	p.112	-	-

<b>JAPANESE NORMS</b>	<b>p.113</b>		
6.30 - 6.35	p.114	-	-
7.89 / 7.95	p.115	p.116	p.116
18.90	p.117	-	-
ACCESSORIES - 7.95	p.118	p.118	p.118

<b>TYPE 6</b>	<b>p.119</b>		
TYPE 6	p.120	-	-

<b>ADAPTORS</b>	<b>p.121</b>		
ADAPTORS	p.122	-	-

<b>INJECTORS</b>	<b>p.127</b>		
INJECTORS	p.128	-	-

## APPLICATIONS



Fuel System (liquid)



Power Steering



Fuel System (vapor)



Turbo Charger Lubrication



HVAC



Crankcase Breather



Brake Booster Vacuum



Thermal Management



Clutch System



Hydraulic Brake



Urea SCR System



Transmission Oil Cooling (TOC)



Air



Various applications

We are able to offer diverse solutions for pressure and temperature. Feel free to contact us.



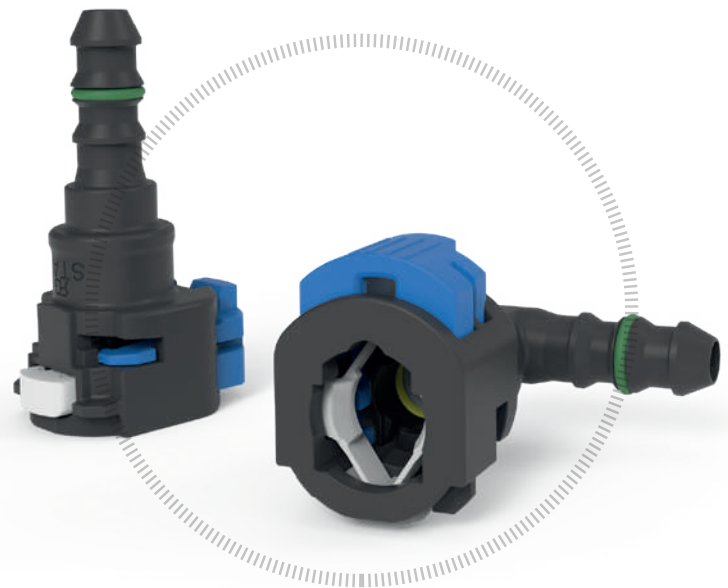
# SECURED CONNECTIONS

For over 30 years, ARaymond has successfully been producing quick connectors. Since the patent of our original ARaymond 2-button QC design, we have evolved our Quick Connector portfolio with key enhancements that meet the challenges of the dynamic industry for commercial vehicles.

By listening to our customers and anticipating future demands, we develop solutions that provide more value to the end user. We focus on improvements to the assembly process that provide connections that are simple, safe, secure, and reliable.



Selfy® QC



CLICK P2L® QC

- **SIMPLE:**  
Automatic connection
- **SMART:**  
Foolproof connection:  
Audible, tactile and visual confirmation
- **SECURE:**  
No connection until end piece is properly seated
- **COMBINES:**  
Well-known products of ARaymond into one double securing latch solution
- **CONFIRMS:**  
Confirms and assures the secure connection by double latch concept
- **COMPLEMENTS:**  
Enhances P2L® range



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SAE



**A23** Fuel System (Liquid)  
2-Button QC- End cap



**Straight**

NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**A44** Fuel System (Liquid)  
P2L® QC



**Straight**

PA 2.5x4.0  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**A43** Fuel System (Liquid)  
P2L® QC



**90°**

PA 2.5x4.0  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**A32** Fuel System (Liquid)  
2-Button QC



**90°**

PA 2.5x5.0  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**A0** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 3.35x4.5  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **A13**

**A14** Fuel System (Liquid)  
2-Button QC




**90°**

PA 3.35x4.5  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **A17**

**A2** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 6.0x8.0  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **A5 A19**

**A1** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 6.0x8.0 or 5/16"  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **A42**

**A3** Fuel System (Liquid)  
2-Button QC



**90°**

PA 6.0x8.0 or 5/16"  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**A33** Fuel System (Liquid)  
2-Button QC

**Straight**

Rubber 3.2  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **A20**

**A34** Fuel System (Liquid)  
2-Button QC

**90°**

Rubber 3.2  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**A40** Fuel System (Liquid)  
P2L® QC - RW 0°

**Straight** New tool required

Rubber 4.0  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**A41** Fuel System (Liquid)  
P2L® QC - RW 0°

**90°** New tool required

Rubber 4.0  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**A30** Fuel System (Liquid)  
2-Button QC

**Straight**

Rubber 5.5  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **A28**

**A31** Fuel System (Liquid)  
2-Button QC

**90°**

Rubber 5.5  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **A29**

**A5** Fuel System (Vapor)  
2-Button QC

**Straight**

PA 6.0x8.0  
NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **A2 A19**

**A6** Fuel System (Vapor)  
2-Button QC- Single O-Ring

**90°**

PA 6.0x8.0 or 5/16"  
NT180, NT195

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**A39** Thermal Management System  
2-Button QC- Reduced orifice 1 hole

**90°**

PA 4.0x6.0 or 1/4"  
NT80, NT81

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



**A13** Urea SCR system  
2-Button QC

**Straight**

PA 3.35x4.5  
NT80, NT81

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **A0**

**A17** Urea SCR system  
2-Button QC

**90°**

PA 3.35x4.5  
NT80, NT81

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **A14**

**A19** Urea SCR system  
2-Button QC

**Straight**

PA 6.0x8.0  
NT80, NT81

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **A2 A5**

**A42** Urea SCR system  
2-Button QC

**Straight**

PA 6.0x8.0 or 5/16"  
NT80, NT81

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **A1**

**A20** Urea SCR system  
2-Button QC

**Straight**

Rubber 3.2  
NT80, NT81

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **A33**

**A21** Urea SCR system  
2-Button QC

**90°**

Rubber 3.2  
NT80, NT81

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

**A35** Urea SCR system  
2-Button QC

**Straight** New tool required

Rubber 4.0  
NT80, NT81

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

**A36** Urea SCR system  
2-Button QC

**90°**

Rubber 4.0  
NT80, NT81

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

**A28** Urea SCR system  
2-Button QC

**Straight** New tool required

Rubber 5.5  
NT80, NT81

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **A30**



**A29** Urea SCR system  
2-Button QC



90° New tool required

Rubber 5.5  
NT80, NT81

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar


OTHER APPLICATIONS A31

**A25** Various applications  
End piece



Straight  
Rubber 3.0

**A8** Various applications  
Assembly check




**A12** Various applications  
Assembly check- Pull Tab long version



**A24** Various applications  
Plug




**A10** Various applications  
Plug- For Double lock



**A9** Various applications  
Double lock- For 2-Button QC



**A37** Various applications  
Double lock- For 2-Button QC



**A27** Various applications  
Protection cap- For fir tree



New tool required

PA 3.35x4.5





**B116** Fuel system (Liquid)  
2-Button QC- End cap



**Straight**

NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B155** Fuel system (Liquid)  
RayLOCK® QC - RW 0° - End cap



**Straight**

NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B92** Fuel system (Liquid)  
1-Button QC - RW 0°



**90°**

PA 2.5x5.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B1** Fuel system (Liquid)  
2-Button QC



**Straight**

PA 3.35x4.5  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B97**

**B2** Fuel system (Liquid)  
2-Button QC



**90°**

PA 3.35x4.5  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B98**

**B4** Fuel system (Liquid)  
2-Button QC



**Straight**

PA 4.5x6.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B114**

**B5** Fuel system (Liquid)  
2-Button QC



**90°**

PA 4.5x6.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B93**

**B5A** Fuel system (Liquid)  
2-Button QC- Pressure regulator



**Straight**

PA 4.5x6.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B6** Fuel system (Liquid)  
2-Button QC



**Straight**

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B141 B73**



**B9A** Fuel system (Liquid)  
2-Button QC



30°

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS B104 B82

**B63** Fuel system (Liquid)  
2-Button QC



65°

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS B108

**B7** Fuel system (Liquid)  
2-Button QC



90°

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS B74

**B8** Fuel system (Liquid)  
2-Button QC - RW 90°



90°

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B94** Fuel system (Liquid)  
2-Button QC- Friction welding



Straight

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B144** Fuel system (Liquid)  
2-Button QC- Friction welding



45°

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B142** Fuel system (Liquid)  
2-Button QC- Friction welding



65°

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B96** Fuel system (Liquid)  
2-Button QC- Friction welding



90°

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B12A** Fuel system (Liquid)  
2-Button QC- Shut off valve



Straight

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**B145** Fuel system (Liquid)  
2-Button QC- One way valve



90° New tool required

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B10** Fuel system (Liquid)  
2-Button QC - T shape



3 ways

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B11** Fuel system (Liquid)  
2-Button QC - T shape




3 ways

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B156** Fuel system (Liquid)  
End piece



Straight

PA 6.0x8.0

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B158** Fuel system (Liquid)  
End piece- friction welding



Straight

PA 6.0x8.0

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B12** Fuel system (Liquid)  
2-Button QC - T shape



3 ways

PA 6.0x8.0, 7.89 end piece  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS B167

**B11A** Fuel system (Liquid)  
2-Button QC - T shape



3 ways

PA 6.0x8.0, 8.0 end piece  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B38A** Fuel system (Liquid)  
2-Button QC - T shape



3 ways

PA 6.0x8.0, 8.0 end piece  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B13** Fuel system (Liquid)  
2-Button QC



Straight

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**B21** Fuel system (Liquid)  
2-Button QC



**Straight**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B105**

**B24** Fuel system (Liquid)  
2-Button QC- Shut off valve



**Straight**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B22A** Fuel system (Liquid)  
2-Button QC



**45°**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B107 B81**

**B9** Fuel system (Liquid)  
2-Button QC



**65°**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B99** Fuel system (Liquid)  
2-Button QC



**65°**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B165**

**B14** Fuel system (Liquid)  
2-Button QC



**90°**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B22** Fuel system (Liquid)  
2-Button QC



**90°**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B106**

**B15** Fuel system (Liquid)  
2-Button QC - RW 90°



**90°**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B64** Fuel system (Liquid)  
2-Button QC - RW 90°



**90°**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B115**



**B25** Fuel system (Liquid)  
2-Button QC - Schrader® valve



90°

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B23** Fuel system (Liquid)  
2-Button QC - T shape



3 ways

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B53** Fuel system (Liquid)  
1-Button QC - RW 0°



Straight

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B84** Fuel system (Liquid)  
1-Button QC - RW 0°



45°

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B55** Fuel system (Liquid)  
1-Button QC - RW 0°




65°

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B54** Fuel system (Liquid)  
1-Button QC - RW 0°



90°

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B135** Fuel system (Liquid)  
RayLOCK® QC - RW 0°



Straight

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B164** Fuel system (Liquid)  
RayLOCK® QC - RW 0° - Schrader® valve



Straight

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B154** Fuel system (Liquid)  
RayLOCK® QC - RW 90°



65°

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**B136** Fuel system (Liquid)  
RayLOCK® QC - RW 0°



90°

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B160** Fuel system (Liquid)  
RayLOCK® QC - RW 270°

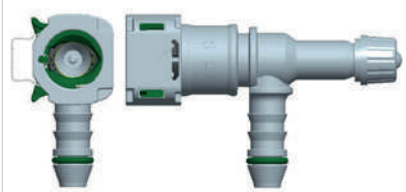


90°

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B147** Fuel system (Liquid)  
RayLOCK® QC - RW 90° - Schrader® valve



90°

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B134** Fuel system (Liquid)  
P2L® QC - RW 0°



Straight

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B133** Fuel system (Liquid)  
P2L® QC - RW 270°




90°

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B174** Fuel system (Liquid)  
Metal P2L® QC



90°

PA 6.0x8.0 or 5/16" NT65, NT71

- Operating Pressure Range: 0 to 10 bar
- T°: -40°C to 125°C in continuous

**B178** Fuel system (Liquid)  
Selfy® QC



Straight

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B176** Fuel system (Liquid)  
Click P2L®



Straight

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B175** Fuel system (Liquid)  
Click P2L®



90°

PA 6.0x8.0 or 5/16" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous





**B152** Fuel system (Liquid)  
End piece




**Straight**

PA 6.0x8.0 or 5/16"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B161** Fuel system (Liquid)  
End piece- with anti twist system for double lock



**Straight**

PA 6.0x8.0 or 5/16"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B126** Fuel system (Liquid)  
End piece- To clip



**90°** New tool required

PA 6.0x8.0 or 5/16"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B169** Fuel system (Liquid)  
2-Button QC - T shape



**3 ways**

PA 6.0x8.0 or 5/16", Rubber 7.5 NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B70** Fuel system (Liquid)  
2-Button QC - T shape



**90°**

PA 6.0x8.0 or 5/16", 7.89 end piece NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B71** Fuel system (Liquid)  
2-Button QC - T shape



**3 ways**

PA 6.0x8.0 or 5/16", 7.89 end piece NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B100** Fuel system (Liquid)  
2-Button QC - T shape



**3 ways**

PA 6.0x8.0 or 5/16", 7.89 end piece NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B112** Fuel system (Liquid)  
2-Button QC - RW 90° - T shape



**3 ways** New tool required

PA 6.0x8.0 or 5/16", 7.89 end piece NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B172** Fuel system (Liquid)  
Metal P2L® QC



**90°** NEW

PDFE Hose Ø7.94-5/16" NT65, NT71

- Operating Pressure Range: 0 to 10 bar
- T°: -40°C to 125°C in continuous



**B16** Fuel system (Liquid)  
2-Button QC



**Straight**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B25A** Fuel system (Liquid)  
2-Button QC



**Straight**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B157** Fuel system (Liquid)  
2-Button QC



**45°**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B137** Fuel system (Liquid)  
2-Button QC



**65°**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B132**

**B146** Fuel system (Liquid)  
2-Button QC



**65°**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B17** Fuel system (Liquid)  
2-Button QC



**90°**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B25B** Fuel system (Liquid)  
2-Button QC



**90°**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B85** Fuel system (Liquid)  
2-Button QC- Tap



**90°**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B18** Fuel system (Liquid)  
2-Button QC- Calibrated valve



**90°**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**B113** Fuel system (Liquid)  
2-Button QC - T shape



**3 ways**

PA 8.0x10.0 or 3/8", 7.89 end piece  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B151** Fuel system (Liquid)  
1-Button QC - RW 0°



**90°**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B143** Fuel system (Liquid)  
RayLOCK® QC - RW 0°



**90°**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B128** Fuel system (Liquid)  
P2L® QC - RW 0°



**Straight**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B162** Fuel system (Liquid)  
P2L® QC - RW 0°



**Straight**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B163** Fuel system (Liquid)  
P2L® QC - RW 270°




**90°**

PA 8.0x10.0 or 3/8"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B171** Fuel system (Liquid)  
End piece - T shape



**3 ways** NEW

PA 8.0x10.0 or 3/8"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B148** Fuel system (Liquid)  
End piece - T shape



**3 ways** New tool required

PA 8.0x10.0 or 3/8"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B168** Fuel system (Liquid)  
End piece



**90°** New tool required

PA 9.0x12.0

- Working pressure: 5 to 7 bar
- T°: -40°C to 125°C in continuous



**B19** Fuel system (Liquid)  
2-Button QC



**Straight**

PA 10.0x12.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**B26** Fuel system (Liquid)  
2-Button QC



**Straight**

PA 10.0x12.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**B27** Fuel system (Liquid)  
1-Button QC - RW 0°



**90°**

PA 10.0x12.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**B28** Fuel system (Liquid)  
2-Button QC




**Straight**

Rubber 7.3  
NT65, NT71

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**B166** Fuel system (Liquid)  
2-Button QC



**45°** New tool required

Rubber 7.3  
NT65, NT71

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**B29** Fuel system (Liquid)  
2-Button QC



**90°**

Rubber 7.3  
NT65, NT71

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**B30** Fuel system (Liquid)  
1-Button QC - RW 0°




**Straight**

Rubber 7.5  
NT65, NT71

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

OTHER APPLICATIONS B78

**B56** Fuel system (Liquid)  
1-Button QC - RW 0°



**65°**

Rubber 7.5  
NT65, NT71

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

OTHER APPLICATIONS B80

**B31** Fuel system (Liquid)  
1-Button QC - RW 0°



**90°**

Rubber 7.5  
NT65, NT71

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

OTHER APPLICATIONS B79



**B127** Fuel system (Liquid)  
**P2L® QC - RW 0°**



**Straight**

Rubber 7.5  
 NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B91** Fuel system (Liquid)  
**1-Button QC - RW 0°**




**90°**

7.89 end piece  
 NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B170** Fuel system (Liquid)  
**End piece**



**Straight** New tool required

M12

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B60** Fuel System (Vapor)  
**1-Button QC - RW 0° - Single O-Ring - End cap**



**Straight**

NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS B117

**B33** Fuel System (Vapor)  
**2-Button QC- Single O-Ring**



**Straight**

PA 6.0x8.0  
 NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS B40

**B34** Fuel System (Vapor)  
**2-Button QC- Single O-Ring**



**90°**

PA 6.0x8.0  
 NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS B41

**B35** Fuel System (Vapor)  
**2-Button QC- Single O-Ring**



**Straight**

PA 6.0x8.0 or 5/16"  
 NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B153** Fuel System (Vapor)  
**End piece**



**90°**

PA 6.0x8.0 or 5/16"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B36** Fuel System (Vapor)  
**2-Button QC- Single O-Ring**



**90°**

PA 6.0x8.0 or 5/16"  
 NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**B159** Fuel System (Vapor)  
P2L® QC - RW 270° - T shape



**3 ways** New tool required

PA 6.0x8.0 or 5/16", 7.89 end piece  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B177** Fuel System (Vapor)  
Selfy® QC - RW 270°



**90°**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B141** Clutch System  
2-Button QC



**Straight**

PA 6.0x8.0  
NT65, NT71

- T°: -30°C to 125°C in continuous
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS B6 B73

**B39** Transmission Oil Cooling (TOC)  
2-Button QC



**Straight**

Rubber 7.3  
NT65, NT71

- T°: -30 to 130°C in continuous
- Relative Pressure: 0 to 10 bars

OTHER APPLICATIONS B52

**B39A** Transmission Oil Cooling (TOC)  
2-Button QC - RW 90°



**90°**

Rubber 7.3  
NT65, NT71

- T°: -30 to 130°C in continuous
- Relative Pressure: 0 to 10 bars

OTHER APPLICATIONS B86

**B95** Brake Booster Vacuum  
2-Button QC - T shape - with Protection cap



**3 ways**

PA 6.0x8.0, Rubber 3.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B165** Brake Booster Vacuum  
2-Button QC



**65°**

PA 6.0x8.0  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS B99

**B37** Brake Booster Vacuum  
1-Button QC - RW 0° - With Spring off element



**Straight**

PA 6.0x8.0 or 5/16"  
NT210

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**B38** Brake Booster Vacuum  
1-Button QC - RW 180° - With Spring off element



**65°**

PA 6.0x8.0 or 5/16"  
NT210

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**B37A** Brake Booster Vacuum  
1-Button QC - RW 180° - With Spring off element



**90°**

PA 6.0x8.0 or 5/16" NT210

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B137**

**B132** Brake Booster Vacuum  
2-Button QC



**65°**

PA 8.0x10.0 or 3/8" NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **B137**

**B82** Hydraulic Brake  
2-Button QC



**30°**

PA 6.0x8.0 NT65, NT71

- T°: -40 to 120°C in continuous
- Pressure: 3 bars in continuous

OTHER APPLICATIONS **B104 B9A**

**B81** Hydraulic Brake  
2-Button QC



**45°**

PA 6.0x8.0 or 5/16" NT65, NT71

- T°: -40 to 120°C in continuous
- Pressure: 3 bars in continuous

OTHER APPLICATIONS **B107 B22A**

**B117** Thermal Management System  
1-Button QC - RW 0° - Single O-Ring - End cap



**Straight**

NT65, NT71

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **B60**

**B40** Thermal Management System  
2-Button QC - Single O-Ring



**Straight**

PA 6.0x8.0 NT65, NT71

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **B33**

**B41** Thermal Management System  
2-Button QC - Single O-Ring



**90°**

PA 6.0x8.0 NT65, NT71

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **B34**

**B173** Thermal Management System  
Metal P2L® QC



**90°**

PDFE hose Ø7.94-5/16" NT65, NT71

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**B52** Thermal Management System  
2-Button QC



**Straight**

Rubber 7.3 NT65, NT71

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **B39**





**B86** Thermal Management System  
2-Button QC - RW 90°



90°

Rubber 7.3  
NT65, NT71

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **B39A**

**B97** Urea SCR system  
2-Button QC



Straight

PA 3.35x4.5  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B1**

**B98** Urea SCR system  
2-Button QC



90°

PA 3.35x4.5  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B2**

**B114** Urea SCR system  
2-Button QC



Straight

PA 4.5x6.0  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B4**

**B93** Urea SCR system  
2-Button QC



90°

PA 4.5x6.0  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B5**

**B73** Urea SCR system  
2-Button QC



Straight

PA 6.0x8.0  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B141 B6**

**B104** Urea SCR system  
2-Button QC



30°

PA 6.0x8.0  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B82 B9A**

**B108** Urea SCR system  
2-Button QC



65°

PA 6.0x8.0  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B63**

**B74** Urea SCR system  
2-Button QC



90°

PA 6.0x8.0  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B7**



**B167** Urea SCR system  
2-Button QC - T shape

**3 ways**

PA 6.0x8.0  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B12**

**B105** Urea SCR system  
2-Button QC

**Straight**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B21**

**B107** Urea SCR system  
2-Button QC

**45°**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B22A B81**

**B106** Urea SCR system  
2-Button QC

**90°**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B22**

**B115** Urea SCR system  
2-Button QC - RW 90°

**90°**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **B64**

**B124** Urea SCR system  
2-Button QC

**Straight**

Rubber 4.0  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

**B125** Urea SCR system  
2-Button QC

**90°**

Rubber 4.0  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

**B75** Urea SCR system  
1-Button QC - RW 0°

**Straight** **New tool required**

Rubber 5.5  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

**B77** Urea SCR system  
1-Button QC - RW 0°

**65°** **New tool required**

Rubber 5.5  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar



**B76** Urea SCR system  
1-Button QC - RW 0°



90° New tool required

Rubber 5.5  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS B30

**B78** Urea SCR system  
1-Button QC - RW 0°



Straight

Rubber 7.5  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS B30

**B80** Urea SCR system  
1-Button QC - RW 0°



65°

Rubber 7.5  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS B56

**B79** Urea SCR system  
1-Button QC - RW 0°



90°

Rubber 7.5  
NT65, NT71

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS B31


**B122** Various applications  
End piece



Straight New tool required

PA 2.5x5.0

**B123** Various applications  
End piece



90° New tool required

PA 2.5x5.0


**B46** Various applications  
End piece



Straight

PA 4.0x6.0 or 1/4"

**B69** Various applications  
End piece



Straight

PA 6.0x8.0 or 5/16"

**B48A** Various applications  
End piece- QC with Spring off element



Straight

PA 6.0x8.0 or 5/16"



**B50** Various applications  
End piece- Big shoulder

Straight  
PA 6.0x8.0 or 5/16"

**B121** Various applications  
End piece- Small shoulder

Straight  
PA 6.0x8.0 or 5/16"

**B51** Various applications  
End piece- Special big shoulder

Straight  
PA 6.0x8.0 or 5/16"

**B129** Various applications  
End piece

90° New tool required  
PA 6.0x8.0 or 5/16"

**B150** Various applications  
End piece

110°  
PA 6.0x8.0 or 5/16"

**B119** Various applications  
End piece - T shape

3 ways  
PA 6.0x8.0 or 5/16", 7.89 end piece

**B83** Various applications  
End piece- Big shoulder

Straight  
PA 8.0x10.0 or 3/8"

**B139** Various applications  
End piece - T shape

3 ways  
PA 9.0x12.0

**B120** Various applications  
End piece

Straight New tool required  
Rubber 3.5



**B49** Various applications

End piece- Big shoulder



Straight

Rubber 7.5

**B61** Various applications

Protection cap- For 1-Button QC



Straight



**E1** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E6** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **E29**

**E54** Fuel System (Liquid)  
2-Button QC- One way valve



**Straight**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E53** Fuel System (Liquid)  
2-Button QC - RW 90°



**45°**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E2** Fuel System (Liquid)  
2-Button QC



**90°**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E7** Fuel System (Liquid)  
2-Button QC



**90°**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **E30**

**E8** Fuel System (Liquid)  
2-Button QC - RW 90°



**90°**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E70** Fuel System (Liquid)  
P2L® QC - RW 0°



**Straight**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E74** Fuel System (Liquid)  
P2L® QC - RW 270°



**90°**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**E3** Fuel System (Liquid)  
2-Button QC




**Straight**

PA 8.0x10.0 or 3/8"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**E9** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 8.0x10.0 or 3/8"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

OTHER APPLICATIONS **E49**

**E5** Fuel System (Liquid)  
2-Button QC - RW 90°



**45°**

PA 8.0x10.0 or 3/8"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**E4** Fuel System (Liquid)  
2-Button QC



**90°**

PA 8.0x10.0 or 3/8"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**E10** Fuel System (Liquid)  
2-Button QC



**90°**

PA 8.0x10.0 or 3/8"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**E78** Fuel System (Liquid)  
2-Button QC - RW 90°



**90°** New tool required

PA 8.0x10.0 or 3/8"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**E61** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



**Straight**

PA 8.0x10.0 or 3/8"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**E62** Fuel System (Liquid)  
RayLOCK® QC - RW 0°




**90°**

PA 8.0x10.0 or 3/8"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**E50** Fuel System (Liquid)  
P2L® QC - RW 0°



**Straight**

PA 8.0x10.0 or 3/8"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous





**E59** Fuel System (Liquid)  
P2L® QC - RW 0°



**Straight**

PA 8.0x10.0 or 3/8" NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E65** Fuel System (Liquid)  
P2L® QC - RW 0°



**Straight**

PA 8.0x10.0 or 3/8" NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E87** Fuel System (Liquid)  
P2L® QC - RW 270°



**45°**

PA 8.0x10.0 or 3/8" NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E51** Fuel System (Liquid)  
P2L® QC - RW 270°



**90°**

PA 8.0x10.0 or 3/8" NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E60** Fuel System (Liquid)  
P2L® QC - RW 270°



**90°**

PA 8.0x10.0 or 3/8" NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E88** Fuel System (Liquid)  
Selfy® QC - RW 270°



**90°**

PA 8.0x10.0 or 3/8" NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E95** Fuel System (Liquid)  
Click P2L®



**Straight**

PA 8.0x10.0 or 3/8" NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E94** Fuel System (Liquid)  
Click P2L®



**90°**

PA 8.0x10.0 or 3/8" NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E63** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 10.0x12.0 NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**E38** Fuel System (Liquid)  
2-Button QC



90°

PA 10.0x12.0  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS E72 E73

**E31** Fuel System (Liquid)  
2-Button QC



Straight

PA 12.0x14.0 or 1/2"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E55** Fuel System (Liquid)  
2-Button QC



Straight

PA 12.0x14.0 or 1/2"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E32** Fuel System (Liquid)  
2-Button QC



90°

PA 12.0x14.0 or 1/2"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E56** Fuel System (Liquid)  
2-Button QC



90°

PA 12.0x14.0 or 1/2"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E20** Fuel System (Liquid)  
2-Button QC




Straight

Rubber 7.5  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS E26

**E22** Fuel System (Liquid)  
2-Button QC



65° New tool required

Rubber 7.5  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E21** Fuel System (Liquid)  
2-Button QC



90°

Rubber 7.5  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS E27

**E67** Fuel System (Liquid)  
RayLOCK® QC - RW 0°




Straight New tool required

Rubber 7.5  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**E71** Fuel System (Liquid)  
End piece



**Straight**  
Rubber 8

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**E40** Fuel System (Liquid)  
2-Button QC



**90°**  
Rubber 9.5  
NT131, NT132

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **E37**

**E90** Fuel System (Liquid)  
Metal P2L® QC



**Straight**  
PTFE Hose 9.53 - 3/8"  
NT131, NT132

- Operating Pressure Range: 0 to 10 bar
- T°: -40°C to 125°C in continuous

**E91** Fuel System (Liquid)  
Metal P2L® QC



**Straight**  
PTFE Hose 9.53 - 3/8"  
NT131, NT132

- Operating Pressure Range: 0 to 10 bar
- T°: -40°C to 125°C in continuous

**E84** Fuel System (Liquid)  
Metal P2L® QC- Metal



**45°**  
PTFE Hose 9.53 - 3/8"  
NT131, NT132

- Operating Pressure Range: 0 to 10 bar
- T°: -40°C to 125°C in continuous

**E92** Fuel System (Liquid)  
Metal P2L® QC



**60°**  
PTFE Hose 9.53 - 3/8"  
NT131, NT132

- Operating Pressure Range: 0 to 10 bar
- T°: -40°C to 125°C in continuous


**E85** Fuel System (Liquid)  
Metal P2L® QC - RW 180° - Metal



**60°**  
PTFE Hose 9.53 - 3/8"  
NT131, NT132

- Operating Pressure Range: 0 to 10 bar
- T°: -40°C to 125°C in continuous

**E89** Fuel System (Liquid)  
Metal P2L® QC



**90°**  
PTFE Hose 9.53 - 3/8"  
NT131, NT132

- Operating Pressure Range: 0 to 10 bar
- T°: -40°C to 125°C in continuous

**E81** Fuel System (Liquid)  
Metal P2L® QC - RW 235° - Metal



**90°**  
PTFE Hose 9.53 - 3/8"  
NT131, NT132

- Operating Pressure Range: 0 to 10 bar
- T°: -40°C to 125°C in continuous



**E86** Fuel System (Liquid)  
End piece

**Straight** New tool required

M14

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**E77** Fuel System (Vapor)  
2-Button QC- Single O-Ring

**Straight**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**E75** Fuel System (Vapor)  
P2L<sup>®</sup> QC - RW 90°

**90°** New tool required

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**E82** Brake Booster Vacuum  
2-Button QC - Reduced orifice 1 hole

**4 ways** New tool required

PA 5.0x9.0, PA 8.0x10.0 or 3/8"  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**E73** Brake Booster Vacuum  
2-Button QC

**90°**

PA 10.0x12.0  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

OTHER APPLICATIONS E72 E38

**E76** Brake Booster Vacuum  
2-Button QC - RW 90°

**45°**

Rubber 7.5  
NT131, NT132

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

OTHER APPLICATIONS E79

**E64** Thermal Management System  
2-Button QC

**45°**

PA 10.0x12.0  
NT131, NT132

- Working pressure: 0,5 to 2 bars
- T: -40°C to 120°C in continuous

**E72** Thermal Management System  
2-Button QC

**90°**

PA 10.0x12.0  
NT131, NT132

- Working pressure: 0,5 to 2 bars
- T: -40°C to 120°C in continuous

OTHER APPLICATIONS E38 E73

**E79** Thermal Management System  
2-Button QC - RW 90°

**45°**

Rubber 7.5  
NT131, NT132

- Working pressure: 0,5 to 2 bars
- T: -40°C to 120°C in continuous

OTHER APPLICATIONS E76



**E83** Thermal Management System  
2-Button QC



**Straight**

Rubber 9.5  
NT131, NT132

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **E80**

**E37** Thermal Management System  
2-Button QC



**90°**

Rubber 9.5  
NT131, NT132

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **E40**

**E93** Thermal Management System  
Metal P2L® QC



**90°** NEW

PTFE Hose 9.53 - 3/8"  
NT131, NT132

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**E42** Urea SCR system  
2-Button QC



**Straight**

PA 3.35x4.5  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**E43** Urea SCR system  
2-Button QC



**90°**

PA 3.35x4.5  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**E29** Urea SCR system  
2-Button QC



**Straight**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **E6**

**E30** Urea SCR system  
2-Button QC



**90°**

PA 6.0x8.0 or 5/16"  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **E7**

**E49** Urea SCR system  
2-Button QC



**Straight**

PA 8.0x10.0 or 3/8"  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **E9**

**E57** Urea SCR system  
2-Button QC



**Straight**

Rubber 3.2  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar



**E58** Urea SCR system  
2-Button QC



90° New tool required

Rubber 3.2  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**E23** Urea SCR system  
2-Button QC



Straight New tool required

Rubber 5.5  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**E25** Urea SCR system  
2-Button QC



65° New tool required

Rubber 5.5  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**E24** Urea SCR system  
2-Button QC



90° New tool required

Rubber 5.5  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**E26** Urea SCR system  
2-Button QC



Straight

Rubber 7.5  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS E20

**E28** Urea SCR system  
2-Button QC



65° New tool required

Rubber 7.5  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**E27** Urea SCR system  
2-Button QC



90°

Rubber 7.5  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS E21

**E80** Urea SCR system  
2-Button QC



Straight

Rubber 9.5  
NT131, NT132

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS E83

**E14** Various applications  
End piece- Big shoulder



Straight

PA 8.0x10.0 or 3/8"



**E69** Various applications  
End piece- Long version



Straight  
PA 8.0x10.0 or 3/8"

**E34** Various applications  
End piece- Big shoulder



Straight  
Rubber 7.5, Rubber 9.5

**E11** Various applications  
Assembly check



**E19** Various applications  
Assembly check- Pull Tab



**E12** Various applications  
Plug



**E41** Various applications  
Protection cap- For End piece



**E13** Various applications  
Protection cap- For 2-Button QC



**E16** Various applications  
Double lock- For 2-Button QC



**E68** Various applications  
Double lock- For 2-Button QC



SAE



**F58** Fuel System (Liquid)  
2-Button QC- End cap



Straight

NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS F89

**F52** Fuel System (Liquid)  
2-Button QC- Cartridge



Straight

NT183, NT349

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F1** Fuel System (Liquid)  
2-Button QC



Straight

PA 6.0x8.0  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F2** Fuel System (Liquid)  
2-Button QC



90°

PA 6.0x8.0  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F90** Fuel System (Liquid)  
1-Button QC - RW 0°




90°

PA 6.0x8.0  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F71** Fuel System (Liquid)  
2-Button QC - Calibrated valve



3 ways

PA 6.0x8.0  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F65** Fuel System (Liquid)  
2-Button QC



Straight

PA 6.0x8.0 or 5/16"  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F36** Fuel System (Liquid)  
2-Button QC



45°

PA 6.0x8.0 or 5/16"  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F49** Fuel System (Liquid)  
2-Button QC



90°

PA 6.0x8.0 or 5/16"  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous





**F53** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



90°

PA 6.0x8.0 or 5/16" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F93** Fuel System (Liquid)  
End piece - T shape - Reinforced with metal insert



3 ways

PA 6.0x8.0, PA 8.0x10.0 or 3/8"

- T°: 70°C to 90°C in continuous
- Pressure: max 8 bar

**F3** Fuel System (Liquid)  
2-Button QC



Straight

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F50** Fuel System (Liquid)  
2-Button QC



Straight

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS F92

**F35** Fuel System (Liquid)  
2-Button QC



30°

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F75** Fuel System (Liquid)  
2-Button QC



30°

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F64** Fuel System (Liquid)  
2-Button QC



55°

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS F88

**F39** Fuel System (Liquid)  
2-Button QC



55°

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F40** Fuel System (Liquid)  
2-Button QC - Long version



55° New tool required

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**F4** Fuel System (Liquid)  
2-Button QC



90°

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F41** Fuel System (Liquid)  
2-Button QC




90°

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **F91**

**F66** Fuel System (Liquid)  
2-Button QC- Friction welding



Straight

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F74** Fuel System (Liquid)  
2-Button QC- Friction welding



90°

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F96** Fuel System (Liquid)  
2-Button QC- Schrader® valve



90° **NEW**

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**New tool required**

**F79** Fuel System (Liquid)  
2-Button QC - T shape



3 ways **NEW**

PA 8.0x10.0 or 3/8", Rubber 9.3 NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**New tool required**

**F80** Fuel System (Liquid)  
2-Button QC - T shape



3 ways **NEW**

PA 8.0x10.0 or 3/8", Rubber 9.3 NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**New tool required**

**F11** Fuel System (Liquid)  
1-Button QC - RW 0°



Straight

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F12** Fuel System (Liquid)  
1-Button QC - RW 0°



90°

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**F42** Fuel System (Liquid)  
1-Button QC - RW 0°



**3 ways**

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F55** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



**Straight**

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F62** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



**Straight**

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F61** Fuel System (Liquid)  
RayLOCK® QC - RW 90°




**90°**

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F73** Fuel System (Liquid)  
End piece



**Straight**

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F29** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 9.0x12.0 NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F31** Fuel System (Liquid)  
2-Button QC



**45°**

PA 9.0x12.0 NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F30** Fuel System (Liquid)  
2-Button QC



**90°**

PA 9.0x12.0 NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F72** Fuel System (Liquid)  
2-Button QC- Pressure regulator



**Straight**

PA 9.0x12.0 NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**F70** Fuel System (Liquid)  
2-Button QC- Pressure regulator



90°

PA 9.0x12.0  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F5** Fuel System (Liquid)  
2-Button QC



Straight

PA 10.0x12.0  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F95** Fuel System (Liquid)  
2-Button QC



NEW

Straight

PA 10.0x12.0  
NT183

New tool required

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F6** Fuel System (Liquid)  
2-Button QC



90°

PA 10.0x12.0  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **F87**

**F14** Fuel System (Liquid)  
1-Button QC - RW 0°




90°

PA 10.0x12.0  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F86** Fuel System (Liquid)  
End piece




Straight

Rubber 7.3

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F25** Fuel System (Liquid)  
2-Button QC



Straight

Rubber 7.5  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F26** Fuel System (Liquid)  
2-Button QC



90°

Rubber 7.5  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F63** Fuel System (Liquid)  
1-Button QC - RW 0° - Shut off valve



Straight

Rubber 7.5  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**F57** Fuel System (Liquid)  
2-Button QC

**Straight**

Rubber 9.3  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F23** Fuel System (Liquid)  
2-Button QC

**90°**

Rubber 9.3  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F7** Fuel System (Liquid)  
1-Button QC - RW 0°

**Straight**

Rubber 9.5  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F51** Fuel System (Liquid)  
2-Button QC

**45°**

Rubber 9.5  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F8** Fuel System (Liquid)  
1-Button QC - RW 0°

**90°**

Rubber 9.5  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F94** Fuel System (Liquid)  
End piece

**Straight** New tool required

M14

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F16** Fuel System (Vapor)  
2-Button QC- Single O-Ring

**90°**

PA 6.0x8.0  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F92** Fuel System (Vapor)  
2-Button QC

**Straight**

PA 8.0x10.0 or 3/8"  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS F50

**F88** Fuel System (Vapor)  
2-Button QC

**55°**

PA 8.0x10.0 or 3/8"  
NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS F64



**F91** Fuel System (Vapor)  
2-Button QC



90°

PA 8.0x10.0 or 3/8" NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS F41

**F81** Crankcase Breather  
2-Button QC



45°

PA 9.0x12.0 NT183

- T°: 125°C in continuous
- Pression: 1 bar

**F82** Crankcase Breather  
2-Button QC



90°

PA 9.0x12.0 NT183

- T°: 125°C in continuous
- Pression: 1 bar

**F83** Power Steering  
1-Button QC - RW 0°




90°

Rubber 9.5 NT183

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS F85 F84

**F33** Brake Booster Vacuum  
2-Button QC - T shape



3 ways New tool required

PA 6.0x8.0, Rubber 3.0 NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F27** Brake Booster Vacuum  
2-Button QC - With Protection cap



90° New tool required

PA 6.0x8.0, Rubber 3.0 NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F78** Brake Booster Vacuum  
2-Button QC - RW 90°



90°

Rubber 8.7 NT183

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**F77** Thermal Management System  
1-Button QC - RW 0°



90°

Rubber 6.0 NT183

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**F84** Thermal Management System  
1-Button QC - RW 0°



90°

Rubber 9.5 NT183

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS F85 F83



**F89** Urea SCR system  
2-Button QC- End cap



**Straight**

NT183

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **F58**

**F87** Urea SCR system  
2-Button QC



**90°**

PA 10.0x12.0  
NT183

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **F6**

**F85** Urea SCR system  
1-Button QC - RW 0°



**90°**

Rubber 9.5  
NT183

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C maxfor AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **F84 F83**

**F76** Various applications  
End piece



**Straight**

PA 6.0x8.0 or 5/16"

**F17** Various applications  
End piece- Big shoulder



**Straight**

PA 8.0x10.0 or 3/8"


**F60** Various applications  
End piece



**90°**

PA 9.0x12.0

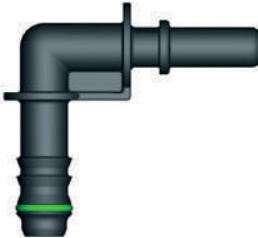
**F43** Various applications  
End piece- Big shoulder



**Straight**

PA 10.0x12.0

**F45** Various applications  
End piece



**90°**

PA 10.0x12.0

**F48** Various applications  
End piece




**90°** New tool required

Rubber 7.5

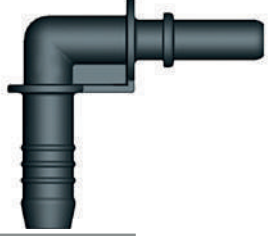


**F18** Various applications  
End piece- Big shoulder




Straight  
Rubber 9.5

**F46** Various applications  
End piece



90°  
Rubber 11.9

**F20** Various applications  
Protection cap- For 1-Button QC







**H50** Fuel System (Liquid)  
2-Button QC



45° New tool required

PA 6.0x8.0 or 5/16" NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H2** Fuel System (Liquid)  
2-Button QC



90°

PA 6.0x8.0 or 5/16" NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H43** Fuel System (Liquid)  
P2L® QC - RW 270°



90°

PA 6.0x8.0 or 5/16" NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H30** Fuel System (Liquid)  
2-Button QC



Straight

PA 8.0x10.0 or 3/8" NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H52** Fuel System (Liquid)  
2-Button QC




90°

PA 8.0x10.0 or 3/8" NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H60** Fuel System (Liquid)  
2-Button QC- Shut off valve



Straight NEW

PA 8.0x10.0 or 3/8" NT193, NT221

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H42** Fuel System (Liquid)  
P2L® QC - RW 270°



90°

PA 8.0x10.0 or 3/8" NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H19** Fuel System (Liquid)  
2-Button QC



Straight

PA 9.0x12.0 NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H21** Fuel System (Liquid)  
2-Button QC



45°

PA 9.0x12.0 NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**H20** Fuel System (Liquid)  
2-Button QC



90°

PA 9.0x12.0  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H56** Fuel System (Liquid)  
2-Button QC- Tap



90° New tool required

PA 9.0x12.0  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H59** Fuel System (Liquid)  
End piece




90° New tool required

PA 9.0x12.0

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H5** Fuel System (Liquid)  
2-Button QC



Straight

PA 10.0x12.0  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS H16

**H6** Fuel System (Liquid)  
2-Button QC




90°

PA 10.0x12.0  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H34** Fuel System (Liquid)  
P2L® QC - RW 0°



Straight

PA 10.0x12.0  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H35** Fuel System (Liquid)  
P2L® QC - RW 270°



90°

PA 10.0x12.0  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H44** Fuel System (Liquid)  
2-Button QC



Straight

PA 12.0x14.0 or 1/2"  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H36** Fuel System (Liquid)  
2-Button QC



90°


PA 12.0x14.0 or 1/2"  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS H38 H37



**H51** Fuel System (Liquid)  
P2L® QC - RW 0°



**Straight**

PA 12.0x14.0 or 1/2" NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H53** Fuel System (Liquid)  
P2L® QC - RW 270°



**90°**

PA 12.0x14.0 or 1/2" NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H54** Fuel System (Liquid)  
2-Button QC




**90°** New tool required

Rubber 8 NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS H46

**H61** Fuel System (Liquid)  
2-Button QC




**Straight** NEW

Rubber 9.3 NT193, NT221

- T°: -30°C to 125°C in continuous
- Working pressure: 5 to 7 bar

**H62** Fuel System (Liquid)  
2-Button QC




**90°** NEW

Rubber 9.3 NT193, NT221

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H29** Fuel System (Liquid)  
2-Button QC- Shut off valve



**Straight**

Rubber 11.3 NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H58** Fuel System (Liquid)  
End piece



**Straight** New tool required

M14

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H39** Fuel System (Vapor)  
2-Button QC- Single O-Ring



**90°**

PA 6.0x8.0 NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H25** Fuel System (Vapor)  
2-Button QC- Single O-Ring



**Straight**

PA 10.0x12.0 NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**H40** Fuel System (Vapor)  
2-Button QC- Single O-Ring

**45°**

PA 10.0x12.0  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H26** Fuel System (Vapor)  
2-Button QC- Single O-Ring

**90°**

PA 10.0x12.0  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H28** Fuel System (Vapor)  
2-Button QC

**90°**

PA 12.0x14.0 or 1/2"  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H37** Fuel System (Vapor)  
2-Button QC

**90°**

PA 12.0x14.0 or 1/2"  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **H38** **H36**

**H13** Fuel System (Vapor)  
2-Button QC- Schrader® valve

**90°**

PA 12.0x14.0 or 1/2"  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H45** Fuel System (Vapor)  
2-Button QC

**Straight** **New tool required**

Rubber 9.5  
NT193

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**H8** Power Steering  
2-Button QC

**Straight**

Rubber 10 - 11  
NT193

- T°: -30°C to 120°C in continuous
- Pressure: -0,5 to 1 bar

**H22** Power Steering  
2-Button QC

**90°**

Rubber 10 - 11  
NT193

- T°: -30°C to 120°C in continuous
- Pressure: -0,5 to 1 bar

**H38** Hydraulic Brake  
2-Button QC

**90°**

PA 12.0x14.0 or 1/2"  
NT193

- T°: -40 to 120°C in continuous
- Pressure: 3 bars in continuous

OTHER APPLICATIONS **H36** **H37**



**H14** HVAC  
2-Button QC- Reinforced with metal insert



**Straight** New tool required

Rubber 10  
NT221

- T°: -40°C to 125°C in continuous
- Working pressure: 20 bars

**H41** Thermal Management System  
2-Button QC- Cartridge



**Straight**

NT193

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**H16** Thermal Management System  
2-Button QC




**Straight**

PA 10.0x12.0  
NT193

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS H5

**H46** Thermal Management System  
2-Button QC



**90°** New tool required

Rubber 8  
NT193

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS H54


**H10** Various applications  
End piece- Big shoulder




**Straight**

PA 10.0x12.0


**H9** Various applications  
Assembly check



**H23** Various applications  
Assembly check- Pull Tab



**H32** Various applications  
Plug



**H55** Various applications  
Protection cap- For End piece





**H31**

Various applications

Protection cap- For 2-Button QC





**U10** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 6.0x8.0  
NT337

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**U11** Fuel System (Liquid)  
2-Button QC



**Straight** New tool required

PA 9.0x12.0  
NT337

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**U12** Fuel System (Liquid)  
2-Button QC



**45°** New tool required

PA 9.0x12.0  
NT337

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**U6** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 12.0x14.0 or 1/2"  
NT337

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**U7** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 12.0x14.0 or 1/2"  
NT337

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**U8** Fuel System (Liquid)  
2-Button QC




**90°**

PA 12.0x14.0 or 1/2"  
NT337

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**U15** Fuel System (Liquid)  
P2L® QC - RW 0°



**Straight**

PA 12.0x14.0 or 1/2"  
NT337

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**U16** Fuel System (Liquid)  
P2L® QC - RW 270°



**90°**

PA 12.0x14.0 or 1/2"  
NT337

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**U13** Fuel System (Liquid)  
End piece



**90°** New tool required

PA 12.0x14.0 or 1/2"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**U9** Fuel System (Liquid)  
2-Button QC - T shape

**3 ways** New tool required

Rubber 3.5, 12.61 end piece  
NT337

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**U19** Fuel System (Liquid)  
End piece

**Straight** New tool required

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**U3** Fuel System (Vapor)  
2-Button QC- Single O-Ring

**Straight**

PA 14.0x16.0 or 5/8"  
NT337

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**U18** Urea SCR system  
End piece

**Straight** New tool required

PA 12.0x14.0 or 1/2"

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**U14** Various applications  
Plug

**Straight**





**I9** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 14.0x16.0 or 5/8" NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**I5** Fuel System (Liquid)  
2-Button QC



**90°**

PA 14.0x16.0 or 5/8" NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **I31**

**I10** Fuel System (Liquid)  
2-Button QC



**90°**

PA 14.0x16.0 or 5/8" NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**I47** Fuel System (Liquid)  
2-Button QC - RW 90°




**90°**

PA 14.0x16.0 or 5/8" NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**I36** Fuel System (Liquid)  
P2L® QC - RW 0°



**Straight**

PA 14.0x16.0 or 5/8" NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **I50**

**I37** Fuel System (Liquid)  
P2L® QC - RW 270°



**90°**

PA 14.0x16.0 or 5/8" NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**I52** Fuel System (Liquid)  
End piece




**Straight**

PA 14.0x16.0 or 5/8"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**I23** Fuel System (Liquid)  
2-Button QC



**4 ways** New tool required

PA 14.0x16.0 NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**I34** Fuel System (Vapor)  
2-Button QC- End cap



**Straight**

NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**I40** Fuel System (Vapor)  
2-Button QC



**Straight**

PA 8.0x10.0 or 3/8" NT184

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**I42** Fuel System (Vapor)  
2-Button QC



**Straight** New tool required

PA 10.0x12.0 NT184

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**I1** Fuel System (Vapor)  
2-Button QC- Single O-Ring



**Straight**

PA 14.0x16.0 or 5/8" NT184

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**I54** Fuel System (Vapor)  
2-Button QC



**Straight** NEW

PA 14.0x16.0 or 5/8" NT184

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**I39** Fuel System (Vapor)  
2-Button QC



**45°**

PA 14.0x16.0 or 5/8" NT184

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**I2** Fuel System (Vapor)  
2-Button QC- Single O-Ring



**90°**

PA 14.0x16.0 or 5/8" NT184

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

OTHER APPLICATIONS I13

**I50** Fuel System (Vapor)  
P2L® QC - RW 0° - Single O-Ring



**Straight**

PA 14.0x16.0 or 5/8" NT184

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

OTHER APPLICATIONS I36

**I53** Fuel System (Vapor)  
2-Button QC




**Straight** New tool required

PA 16.0x18.0 - 3/4" NT184

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous

**I43** Fuel System (Vapor)  
2-Button QC



**90°** New tool required

PA 16.0x18.0 NT184

- Working pressure: 5 to 7 bar
- T: -30°C to 120°C in continuous



**I13** Fuel System (Vapor)  
2-Button QC

**90°**

PA 18.0x20.0  
NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS [I19](#) [I17](#)

**I15** Fuel System (Vapor)  
2-Button QC

**Straight**

Rubber 14.3  
NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS [I19](#) [I17](#)

**I55** Fuel System (Vapor)  
2-Button QC

**45°**

Rubber 14.3  
NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**I16** Fuel System (Vapor)  
2-Button QC

**90°**

Rubber 14.3  
NT184

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS [I18](#) [I20](#)

**I56** Transmission Oil Cooling (TOC)  
P2L® QC - RW 0°

**Straight** New tool required

Rubber 13  
NT184

- T°: -30 to 130°C in continuous
- Relative Pressure: 0 to 10 bars

**I57** Transmission Oil Cooling (TOC)  
P2L® QC - RW 270°

**88°**

Rubber 13  
NT184

- T°: -30 to 130°C in continuous
- Relative Pressure: 0 to 10 bars

**I30** Power Steering  
2-Button QC

**Straight**

PA 14.0x16.0 or 5/8"  
NT184

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS [I32](#)

**I35** Power Steering  
2-Button QC

**45°**

PA 14.0x16.0 or 5/8"  
NT184

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS [I38](#)

**I31** Power Steering  
2-Button QC

**90°**

PA 14.0x16.0 or 5/8"  
NT184

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS [I5](#)



**I46** Power Steering  
2-Button QC

**45°** New tool required

Rubber 9.5  
NT184

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

**I17** Power Steering  
2-Button QC

**Straight**

Rubber 14.3  
NT184

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS I15 I19

**I18** Power Steering  
2-Button QC

**90°**

Rubber 14.3  
NT184

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS I16 I20

**I11** Power Steering  
2-Button QC- Reinforced with metal insert

**Straight** New tool required

Rubber 16.0  
NT184

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

**I29** Hydraulic Brake  
2-Button QC

**Straight**

PA 14.0x16.0 or 5/8"  
NT184

- T°: -40 to 120°C in continuous
- Pressure: 3 bars in continuous

**I13** Air  
2-Button QC- Single O-Ring

**90°**

PA 14.0x16.0 or 5/8"  
NT184

- T°: -40°C to 125°C in continuous
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS I2

**I6** HVAC  
2-Button QC- Reinforced with metal insert

**Straight**

Rubber 16.0  
NT198

- T°: -40°C to 125°C in continuous
- Working pressure: 20 bars

**I49** Thermal Management System  
P2L® QC - RW 0° - Cartridge

**Straight** New tool required

NT184

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**I32** Thermal Management System  
2-Button QC

**Straight**

PA 14.0x16.0 or 5/8"  
NT184

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS I30



**I38** Thermal Management System  
2-Button QC



**45°**

PA 14.0x16.0 or 5/8"  
NT184

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **I35**

**I33** Thermal Management System  
2-Button QC



**90°**

PA 14.0x16.0 or 5/8"  
NT184

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**I58** Thermal Management System  
P2L® QC - Temperature sensor



**90°**

PA 14.0x16.0 or 5/8"  
NT184

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**I62** Thermal Management System  
Selfy® QC



**Straight**

PA 14.0x16.0 or 5/8"

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**I61** Thermal Management System  
Selfy® QC



**45°**

PA 14.0x16.0 or 5/8"

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**I59** Thermal Management System  
Selfy® QC



**90°**

PA 14.0x16.0 or 5/8"

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**I60** Thermal Management System  
Selfy® QC - T SHAPE



**3 ways**

PA 14.0x16.0 or 5/8"

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**I19** Thermal Management System  
2-Button QC



**Straight**

Rubber 14.3  
NT184

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **I17 I15**

**I20** Thermal Management System  
2-Button QC



**90°**

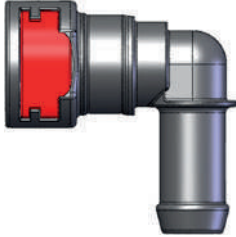
Rubber 14.3  
NT184

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **I16 I18**



**I48** Thermal Management System  
P2L® QC - RW 270°




**90°**

Rubber 15.88 - 5/8"  
NT184

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**I44** Thermal Management System  
2-Button QC- Ball valve



**3 ways**

9.89 end piece  
NT184

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**I45** Thermal Management System  
2-Button QC- Ball valve



**3 ways**

9.89 end piece, VDA NW 12 end piece  
NT184

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**I51** Urea SCR system  
2-Button QC



**30°** New tool required

PA 12.0x14.0 or 1/2"  
NT184

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**I24** Various applications  
End piece- Long version



**Straight** New tool required

PA 12.0x14.0 or 1/2"



**NA1** Thermal Management System

2-Button QC- Single O-Ring



Straight

Rubber 21.0  
NT123

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

25.50-1"

**XM1** Fuel System (Liquid)

2-Button QC



Straight

New tool required

PA 29.4x32.4  
NTJP024

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

28.50-1 1/8"

**XN1** Fuel System (Liquid)

2-Button QC



Straight

New tool required

PA 32.0x34.0  
NTJP004, NTJP005

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**XN2** Urea SCR system

2-Button QC



Straight

New tool required

PA 32.0x35.0  
NT429, NTJP004, NTJP005

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar



**BCD5** Various applications  
End piece- Type plug

**BCD1** Various applications  
Assembly check

**BCD2** Various applications  
Assembly check- Pull Tab

**BCD7** Various applications  
Plug- For Double lock

**BCD3** Various applications  
Double lock- For 2-Button QC

**BCD6** Various applications  
Double lock- For 2-Button QC - Long version

**BCD4** Various applications  
STAR plug

**BD2** Various applications  
End piece- Clip for color coding

**BD1** Various applications  
Protection cap- For End piece





**EF1** Various applications  
End piece- Clip for color coding



9.89

**FG2** Various applications  
Protection cap- For End piece



**FG4** Various applications  
Double lock- For 2-Button QC



**FG5** Various applications  
Double lock- For 2-Button QC



New tool required

**FG6** Various applications  
Plug






**IJ2** Various applications  
Assembly check- Pull Tab



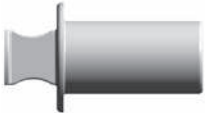
**IJ5** Various applications  
Protection cap- For 2-Button QC



**IJ4** Various applications  
Double lock- For 2-Button QC



**IJ3** Various applications  
STAR plug



## Beyond the standard offer: personalized solutions.

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Our teams are at your service to propose customized solutions.

Our experts and our teams will accompany you from the project definition until the start of production.

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VDA end piece with sensor housing – 4 ways



P2L<sup>®</sup> QC with temperature sensor

Since the company was founded, over 150 years ago, our development has been shaped by innovations, from the press-stud to plastic injection molding. Today, we spend 6% of our turnover on R&D and we have 10 production sites world-wide. We make it our business to design advanced products to help you boost your productivity.



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# METRIC



**D49** Fuel System (Liquid)  
2-Button QC- End cap



**Straight**

NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D20** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 3.35x4.5  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D21** Fuel System (Liquid)  
2-Button QC



**90°**

PA 3.35x4.5  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D26** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 4.5x6.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **D61**

**D23** Fuel System (Liquid)  
2-Button QC



**90°**

PA 4.5x6.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D2** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **D46**

**D37** Fuel System (Liquid)  
2-Button QC




**30°**

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D38** Fuel System (Liquid)  
2-Button QC



**65°**

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D3** Fuel System (Liquid)  
2-Button QC



**90°**

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**D4** Fuel System (Liquid)  
2-Button QC - RW 90°



90°

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D31** Fuel System (Liquid)  
2-Button QC- Shut off valve



Straight

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D43** Fuel System (Liquid)  
2-Button QC- Friction welding



Straight

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D67** Fuel System (Liquid)  
2-Button QC- Friction welding



45°

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D65** Fuel System (Liquid)  
2-Button QC- Friction welding



65°

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D44** Fuel System (Liquid)  
2-Button QC- Friction welding



90°

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D7** Fuel System (Liquid)  
2-Button QC - T shape



3 ways

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D8** Fuel System (Liquid)  
2-Button QC - T shape



3 ways

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D5** Fuel System (Liquid)  
2-Button QC - T shape



3 ways

PA 6.0x8.0, 8.0 end piece  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**D9** Fuel System (Liquid)  
2-Button QC - T shape



**3 ways**

PA 6.0x8.0, 8.0 end piece  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D42** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 6.0x8.0 or 5/16"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D41** Fuel System (Liquid)  
2-Button QC



**45°**

PA 6.0x8.0 or 5/16"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D25** Fuel System (Liquid)  
2-Button QC



**65°**

PA 6.0x8.0 or 5/16"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D48** Fuel System (Liquid)  
2-Button QC



**65°** New tool required

PA 6.0x8.0 or 5/16"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D40** Fuel System (Liquid)  
2-Button QC



**90°**

PA 6.0x8.0 or 5/16"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D60** Fuel System (Liquid)  
2-Button QC - T shape



**3 ways**

PA 6.0x8.0 or 5/16"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D53** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



**Straight**

PA 6.0x8.0 or 5/16"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D74** Fuel System (Liquid)  
RayLOCK® QC - RW 0° - Schrader® valve



**Straight**

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**D71** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



65°

PA 6.0x8.0 or 5/16" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D70** Fuel System (Liquid)  
RayLOCK® QC - RW 90°



65°

PA 6.0x8.0 or 5/16" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D54** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



90°

PA 6.0x8.0 or 5/16" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D55** Fuel System (Liquid)  
RayLOCK® QC - RW 90°



90°

PA 6.0x8.0 or 5/16" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D59** Fuel System (Liquid)  
RayLOCK® QC - RW 270°




90°

PA 6.0x8.0 or 5/16" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D62** Fuel System (Liquid)  
RayLOCK® QC - RW 90° - Schrader® valve




90°

PA 6.0x8.0 or 5/16" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D77** Fuel System (Liquid)  
Metal P2L® QC



90°

PA 6.0x8.0 or 5/16" NT66, NT70

- Operating Pressure Range: 0 to 10 bar
- T°: -40°C to 125°C in continuous

**D79** Fuel System (Liquid)  
Selfy® QC



Straight

PA 6.0x8.0 or 5/16" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D78** Fuel System (Liquid)  
Selfy® QC



90°


PA 6.0x8.0 or 5/16" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous





**D64** Fuel System (Liquid)  
End piece



**Straight**

PA 6.0x8.0 or 5/16"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D69** Fuel System (Liquid)  
End piece - T shape



**3 ways**

PA 6.0x8.0 or 5/16"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D76** Fuel System (Liquid)  
Metal P2L® QC



**90°**

PA 7.94 or 5/16"  
NT66, NT70

- Operating Pressure Range: 0 to 10 bar
- T°: -40°C to 125°C in continuous

**D11** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 8.0x10.0 or 3/8"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D57** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 8.0x10.0 or 3/8"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D72** Fuel System (Liquid)  
2-Button QC



**45°**

PA 8.0x10.0 or 3/8"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D58** Fuel System (Liquid)  
2-Button QC



**65°**

PA 8.0x10.0 or 3/8"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D63** Fuel System (Liquid)  
2-Button QC



**65°**

PA 8.0x10.0 or 3/8"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D12** Fuel System (Liquid)  
2-Button QC



**90°**

PA 8.0x10.0 or 3/8"  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**D52** Fuel System (Liquid)  
2-Button QC



90°

PA 8.0x10.0 or 3/8" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D50** Fuel System (Liquid)  
2-Button QC- RG valve with plug



90°

PA 8.0x10.0 or 3/8" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D13** Fuel System (Liquid)  
2-Button QC- Tap



90°

PA 8.0x10.0 or 3/8" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D14** Fuel System (Liquid)  
2-Button QC- Calibrated valve



90°

PA 8.0x10.0 or 3/8" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D66** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



90°

PA 8.0x10.0 or 3/8" NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D51** Fuel System (Liquid)  
2-Button QC - T shape



3 ways New tool required

PA 8.0x10.0 or 3/8", 7.89 end piece NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D27** Fuel System (Liquid)  
2-Button QC



Straight

PA 10.0x12.0 NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D18** Fuel System (Liquid)  
2-Button QC



Straight

Rubber 7.3 NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS D24

**D75** Fuel System (Liquid)  
2-Button QC



45° New tool required

Rubber 7.3 NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**D19** Fuel System (Liquid)  
2-Button QC

**90°**

Rubber 7.3  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D68** Fuel System (Liquid)  
1-Button QC - RW 0°

**65°**

Rubber 7.5  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D15** Fuel System (Vapor)  
2-Button QC- Single O-Ring

**Straight**

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D16** Fuel System (Vapor)  
2-Button QC- Single O-Ring

**90°**

PA 6.0x8.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D61** Clutch System  
2-Button QC

**Straight**

PA 4.5x6.0  
NT66, NT70

- T°: -30°C to 125°C in continuous
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **D26**

**D24** Clutch System  
2-Button QC

**Straight**

Rubber 7.3  
NT66, NT70

- T°: -30°C to 125°C in continuous
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **D18**

**D6** Brake Booster Vacuum  
2-Button QC - With Protection cap

**90°**

PA 6.0x8.0, Rubber 3.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D10** Brake Booster Vacuum  
2-Button QC- With Protection cap

**90°**

PA 6.0x8.0, Rubber 3.0  
NT66, NT70

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**D46** Urea SCR system  
2-Button QC

**Straight**

PA 6.0x8.0  
NT66, NT70

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS **D2**



**D17** Various applications

End piece



Straight  
PA 6.0x8.0

**D45** Various applications

End piece- Long version



Straight  
PA 6.0x8.0



**G49** Fuel System (Liquid)  
2-Button QC- End cap



Straight New tool required

NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS G44 G67

**G47** Fuel System (Liquid)  
2-Button QC- Cartridge



Straight

NT359, NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G1** Fuel System (Liquid)  
2-Button QC



Straight

PA 6.0x8.0  
NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G2** Fuel System (Liquid)  
2-Button QC



90°

PA 6.0x8.0  
NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G64** Fuel System (Liquid)  
2-Button QC - Stud housing-clip



3 ways New tool required

PA 6.0x8.0  
NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G66** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



Straight

PA 6.0x8.0  
NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G55** Fuel System (Liquid)  
2-Button QC



Straight

PA 6.0x8.0 or 5/16"  
NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G27** Fuel System (Liquid)  
2-Button QC



45°

PA 6.0x8.0 or 5/16"  
NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G36** Fuel System (Liquid)  
2-Button QC- Long version



55° New tool required

PA 6.0x8.0 or 5/16"  
NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**G45** Fuel System (Liquid)  
2-Button QC



90° New tool required

PA 6.0x8.0 or 5/16" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G63** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



3 ways

PA 6.0x8.0 or 5/16" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G61** Fuel System (Liquid)  
End piece



Straight

PA 6.0x8.0 or 5/16"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G3** Fuel System (Liquid)  
2-Button QC



Straight

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS G12 G14 G56

**G46** Fuel System (Liquid)  
2-Button QC



Straight

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G26** Fuel System (Liquid)  
2-Button QC



30°

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G57** Fuel System (Liquid)  
2-Button QC



30°

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G31** Fuel System (Liquid)  
2-Button QC

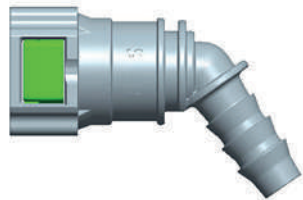


55°

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G53** Fuel System (Liquid)  
2-Button QC



55°

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**G29** Fuel System (Liquid)  
2-Button QC- Long version



55° New tool required

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G4** Fuel System (Liquid)  
2-Button QC



90°

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS G25

**G35** Fuel System (Liquid)  
2-Button QC

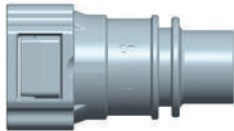


90°

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G54** Fuel System (Liquid)  
2-Button QC- Friction welding



Straight

PA 8.0x10.0 or 3/8", NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G58** Fuel System (Liquid)  
2-Button QC- Friction welding

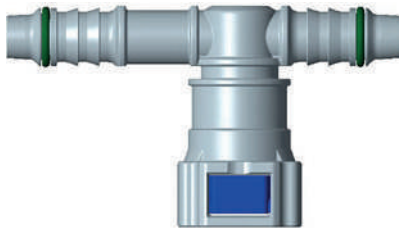


90°

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G60** Fuel System (Liquid)  
2-Button QC - T shape




3 ways New tool required

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G37** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



Straight

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G52** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



Straight

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G62** Fuel System (Liquid)  
RayLOCK® QC - RW 270°



30°

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**G51** Fuel System (Liquid)  
RayLOCK® QC - RW 0°



90°

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **G38**

**G39** Fuel System (Liquid)  
RayLOCK® QC - RW 90°



90° New tool required

PA 8.0x10.0 or 3/8" NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G65** Fuel System (Liquid)  
2-Button QC- Pressure regulator



90°

PA 9.0x12.0 NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G5** Fuel System (Liquid)  
2-Button QC



Straight

PA 10.0x12.0 NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G6** Fuel System (Liquid)  
2-Button QC




90°

PA 10.0x12.0 NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **G68**

**G59** Fuel System (Liquid)  
End piece



45° New tool required

PA 12.0x14.0 or 1/2"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G24** Fuel System (Liquid)  
2-Button QC



Straight

Rubber 7.3 NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G18** Fuel System (Liquid)  
2-Button QC



90°

Rubber 7.3 NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G48** Fuel System (Liquid)  
2-Button QC



90° New tool required

Rubber 7.3 NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous





**G17** Fuel System (Liquid)  
2-Button QC



**Straight**

Rubber 7.5  
NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G8** Fuel System (Liquid)  
2-Button QC



**Straight**

Rubber 9.3  
NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **G11** **G22**

**G9** Fuel System (Liquid)  
2-Button QC



**90°**

Rubber 9.3  
NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G7** Fuel System (Vapor)  
2-Button QC- Single O-Ring



**90°**

PA 6.0x8.0  
NT90, NT91

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**G12** Power Steering  
2-Button QC



**Straight**

PA 8.0x10.0 or 3/8"  
NT90, NT91

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS **G14** **G3** **G56**

**G11** Power Steering  
2-Button QC



**Straight**

Rubber 9.3  
NT90, NT91

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS **G8** **G22**

**G10** Power Steering  
2-Button QC



**90°**

Rubber 9.3  
NT161

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS **G23**

**G14** Hydraulic Brake  
2-Button QC



**Straight**

PA 8.0x10.0 or 3/8"  
NT90, NT91

- T°: -40 to 120°C in continuous
- Pressure: 3 bars in continuous

OTHER APPLICATIONS **G3** **G56** **G12**

**G25** Hydraulic Brake  
2-Button QC



**90°**

PA 8.0x10.0 or 3/8"  
NT90, NT91

- T°: -40 to 120°C in continuous
- Pressure: 3 bars in continuous

OTHER APPLICATIONS **G4**



**G69** Thermal Management System  
1-Button QC - RW 0°



90°

PA 6.0x8.0  
NT90, NT91

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**G56** Thermal Management System  
2-Button QC



Straight

PA 8.0x10.0 or 3/8"  
NT90, NT91

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS G14 G12 G3

**G41** Thermal Management System  
2-Button QC



Straight

PA 9.0x12.0  
NT90, NT91

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**G43** Thermal Management System  
2-Button QC



45°

PA 9.0x12.0  
NT90, NT91

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**G42** Thermal Management System  
2-Button QC



90°

PA 9.0x12.0  
NT90, NT91

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**G22** Thermal Management System  
2-Button QC



Straight

Rubber 9.3  
NT90, NT91

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS G8 G11

**G23** Thermal Management System  
2-Button QC



90°

Rubber 9.3  
NT161

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS G10

**G40** Thermal Management System  
2-Button QC



45°

Rubber 9.5  
NT90, NT91

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**G67** Urea SCR system  
2-Button QC- End cap



Straight

NT90, NT91

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS G44 G49



**G68** Urea SCR system

2-Button QC



90°

PA 10.0x12.0  
NT90, NT91

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

OTHER APPLICATIONS

G6

**G34** Various applications

End piece



Straight

PA 8.0x10.0 or 3/8"

**G50** Various applications

End piece



Straight

PA 9.0x12.0

16.00

**GJ1** Various applications

End piece - T shape



3 ways

New tool required



**J3** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 10.0x12.5  
NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**J16** Fuel System (Liquid)  
2-Button QC- Shut off valve



**Straight**

PA 10.0x12.5  
NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**J19** Fuel System (Liquid)  
2-Button QC- Shut off valve



**Straight**

PA 10.0x12.5  
NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**J28** Fuel System (Liquid)  
2-Button QC- One way valve



**Straight**

PA 10.0x12.5  
NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**J31** Fuel System (Liquid)  
2-Button QC- Venturi effect



**3 ways** New tool required

PA 12.0x15.0, 9.89 end piece  
NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**J1** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 14.0x16.0 or 5/8"  
NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS J7 J20 J9

**J2** Fuel System (Liquid)  
2-Button QC



**90°**

PA 14.0x16.0 or 5/8"  
NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS J8

**J35** Fuel System (Vapor)  
2-Button QC- End cap



**Straight**

NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS J27

**J7** Fuel System (Vapor)  
2-Button QC



**Straight**

PA 14.0x16.0 or 5/8"  
NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS J9 J1 J20



**J33** Fuel System (Vapor)  
2-Button QC

**45°**

PA 14.0x16.0 or 5/8" NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **J30**

**J8** Fuel System (Vapor)  
2-Button QC

**90°**

PA 14.0x16.0 or 5/8" NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **J2**

**J36** Fuel System (Vapor)  
2-Button QC

**Straight** New tool required

PA 16.0x18.0 - 3/4" NT100

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**J9** Power Steering  
2-Button QC

**Straight**

PA 14.0x16.0 or 5/8" NT100

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS **J1 J20 J7**

**J25** Power Steering  
2-Button QC

**90°**

PA 14.0x16.0 or 5/8" NT100

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS **J29**

**J21** Power Steering  
2-Button QC

**Straight**

Rubber 14.3 NT100

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS **J23**

**J22** Power Steering  
2-Button QC

**90°**

Rubber 14.3 NT100

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS **J22 J24**

**J4** Power Steering  
2-Button QC- Reinforced with metal insert

**Straight**

Rubber 16.0 NT100

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

**J27** Thermal Management System  
2-Button QC- End cap

**Straight**

NT100

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **J35**



**J20** Thermal Management System  
2-Button QC



Straight

PA 14.0x16.0 or 5/8"  
NT100

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS J9 J1 J7

**J30** Thermal Management System  
2-Button QC



45°

PA 14.0x16.0 or 5/8"  
NT100

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS J33

**J29** Thermal Management System  
2-Button QC



90°

PA 14.0x16.0 or 5/8"  
NT100

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS J25

**J23** Thermal Management System  
2-Button QC



Straight

Rubber 14.3  
NT100

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS J21

**J32** Thermal Management System  
2-Button QC



45°

Rubber 14.3  
NT100

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS J22

**J24** Thermal Management System  
2-Button QC



90°

Rubber 14.3  
NT100

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS J22

**J10** Various applications  
End piece- Big shoulder



Straight

PA 9.0x12.0

**J11** Various applications  
End piece- Big shoulder



Straight

PA 12.0x14.0 or 1/2"

**J13** Various applications  
Protection cap- For End piece





**K4** Fuel System (Vapor)  
2-Button QC- Single O-Ring

**90°**

Rubber 16 - 17  
NT138

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**K1** Crankcase Breather  
2-Button QC- Single O-Ring

**Straight**

PA 14.0x16.0 or 5/8"  
NT138

- T°:125°C in continuous
- Pression: 1 bar

**K5** Crankcase Breather  
2-Button QC - One way valve - Reduced orifice 1.4 hole

**3 ways**

PA 14.0x16.0 or 5/8"  
NT138

- T°:125°C in continuous
- Pression: 1 bar

**K3** Crankcase Breather  
2-Button QC - Single O-Ring

**3 ways**

PA 14.0x16.0, Rubber 7.3  
NT138

- T°:125°C in continuous
- Pression: 1 bar

**K2** Crankcase Breather  
2-Button QC- Single O-Ring

**90°**

PA corr tube ID 14.0  
NT138

- T°:125°C in continuous
- Pression: 1 bar



**L6** Fuel System (Liquid)  
2-Button QC



**Straight**

PA 15.0x18.0  
NT220

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **L18**

**L5** Fuel System (Liquid)  
2-Button QC



**35°**

PA 15.0x18.0  
NT220

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **L21**

**L4** Fuel System (Liquid)  
2-Button QC



**55°**

PA 15.0x18.0  
NT220

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **L20**

**L7** Fuel System (Liquid)  
2-Button QC



**90°**

PA 15.0x18.0  
NT220

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

OTHER APPLICATIONS **L19**

**L12** Fuel System (Vapor)  
2-Button QC- Single O-Ring



**Straight**

PA 15.0x18.0  
NT220

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**L18** Thermal Management System  
2-Button QC



**Straight**

PA 15.0x18.0  
NT220

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **L6**

**L21** Thermal Management System  
2-Button QC



**35°**

PA 15.0x18.0  
NT220

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **L5**

**L20** Thermal Management System  
2-Button QC



**55°**

PA 15.0x18.0  
NT220

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **L4**

**L19** Thermal Management System  
2-Button QC



**90°**

PA 15.0x18.0  
NT220

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **L7**





**L2** Thermal Management System  
2-Button QC



Straight

Rubber 16.0  
NT220

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**L17** Thermal Management System  
2-Button QC



45°

Rubber 16.0  
NT220

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**L3** Thermal Management System  
2-Button QC- Single O-Ring



90°

Rubber 16.0  
NT220

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**L22** Thermal Management System  
2-Button QC - T shape



3 ways

New tool required

Rubber 16.0  
NT220

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**L16** Thermal Management System  
2-Button QC and C Lock- and VDA QC



3 ways

New tool required

Rubber 18.0  
NT220

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**L15** Various applications  
End piece



Straight

PA 15.0x18.0

**L14** Various applications  
End piece- Big shoulder



Straight

PA 15.0x18.0

**L9** Various applications  
End piece- Big shoulder



Straight

Rubber 16.0

**L10** Various applications  
Plug





**L13** Various applications  
 Plug- For leakage test

20.00

**N3** Thermal Management System  
 2-Button QC

**Straight**  
 PA 24.0x27.0  
 NT260

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**N1** Thermal Management System  
 2-Button QC

**Straight**  
 Rubber 18.0  
 NT158

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



**X4** Power Steering  
2-Button QC



**30°**

PA 19.0x22.0  
NT339

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

**X5** Power Steering  
2-Button QC



**30°**

Rubber 22.0  
NT339

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

OTHER APPLICATIONS **X6**

**X3** Power Steering  
2-Button QC



**90°** New tool required

Rubber 22.0  
NT339

- T°: -30°C to 120°C in continuous
- Pression: -0,5 to 1 bar

**X9** Thermal Management System  
P2L® QC



**90°** New tool required

PA 20.0x23.0  
NT338

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**X6** Thermal Management System  
2-Button QC



**30°**

Rubber 22.0  
NT339

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

OTHER APPLICATIONS **X5**

**X1** Urea SCR system  
2-Button QC



**Straight**

PA 21.0x25.0  
NT338

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**X2** Urea SCR system  
2-Button QC



**30°**

PA 21.0x25.0  
NT338

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**X8** Urea SCR system  
2-Button QC



**45°** New tool required

Rubber 27.0  
NT338

- Ambient T°: -40°C to 120°C
- T°: -40°C to 70°C max for AdBlue® liquid
- Working pressure: 5 to 7 bar

**X7** Various applications  
End piece



**Straight** New tool required

PA 21.0x25.0



**XO1** Fuel System (Liquid)  
**P2L® QC - RW 0°**

**Straight** New tool required

**PA 37.0x43.0**  
**NTJP039**

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**O2** Fuel System (Liquid)  
**2-Button QC- Welding type**

**Straight** New tool required

**NT303**

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**O3** Fuel System (Liquid)  
**2-Button QC**

**Straight** New tool required

**Rubber 27.0**  
**NT303**

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



## RV1 Turbo Charger Lubrication

### 2-Button QC- Friction welding



Straight

New tool required

NTJP048

- T°: -40°C to 120°C in continuous
- Working pressure: 3,5 bars

## W1 Thermal Management System

### Sleeve Lock QC



Straight

New tool required

NTJP059

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



**BCD5** Various applications  
End piece- Type plug



**BCD1** Various applications  
Assembly check



**BCD2** Various applications  
Assembly check- Pull Tab



**BCD7** Various applications  
Plug- For Double lock



**BCD3** Various applications  
Double lock- For 2-Button QC



**BCD6** Various applications  
Double lock- For 2-Button QC - Long version



**BCD4** Various applications  
STAR plug



**BD2** Various applications  
End piece- Clip for color coding



**BD1** Various applications  
Protection cap- For End piece





**FG2** Various applications  
Protection cap- For End piece



**FG4** Various applications  
Double lock- For 2-Button QC



**FG5** Various applications  
Double lock- For 2-Button QC



New tool required

## 16.00

**IJ2** Various applications  
Assembly check- Pull Tab



**IJ5** Various applications  
Protection cap- For 2-Button QC



**IJ4** Various applications  
Double lock- For 2-Button QC



**IJ3** Various applications  
STAR plug



# NEXT GENERATION

Driven by a constant care in answering our customer requirements and **anticipating the evolution of the industry for commercial vehicles**, our experts in Quick Connectors work to design increasingly **innovative solutions for the next generation of Quick Connectors** for cooling lines.



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## VDA

Our new generation of VDA Connector offers new valuable features including connection ease, thus minimizing the efforts of chain operators.





**GA1** Thermal Management System  
VDA QC - RW 90° - Single O-Ring



**NEW**

41°

PA 6.0x8.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**GA2** Thermal Management System  
VDA QC - RW 0° - Single O-Ring



**NEW**

90°

PA 6.0x8.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**GA4** Thermal Management System  
VDA QC - RW 0°



**NEW**

Straight

Rubber 10  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**GA3** Thermal Management System  
VDA QC - RW 0° - Single O-Ring



**NEW**

90°

Rubber 10  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



**JA2** Thermal Management System  
VDA QC



**Straight**

NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**JA3** Thermal Management System  
VDA QC - RW 0° - Single O-Ring



**45°**

Rubber 12.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**JA7** Thermal Management System  
VDA QC - RW 0°



**45°**

Rubber 12.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**JA5** Thermal Management System  
VDA QC - RW 0°



**90°**

Rubber 12.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**JA6** Thermal Management System  
VDA QC - RW 126.5°



**90°**

Rubber 12.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**JA4** Thermal Management System  
VDA QC - RW 270° - Single O-Ring



**90°**

Rubber 12.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

# NW14

**MA1** Thermal Management System  
VDA QC



**Straight**

PA 14.0x16.0 or 5/8"  
NT414

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**MA2** Thermal Management System  
VDA QC



**Straight**

Rubber 20.0  
NT414

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



## NB14 Thermal Management System

VDA QC



Straight

PA 16,5x18,5  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB18 Thermal Management System

VDA QC - RW 0°



90°

PA 16,5x18,5  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB24 Thermal Management System

VDA QC - RW 0°



90°

PA 16,5x18,5  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB17 Thermal Management System

VDA QC - RW 180°



3 ways

New tool required

Rubber 8, Rubber 20.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB1 Thermal Management System

VDA QC



Straight

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB22 Thermal Management System

VDA QC



Straight

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB8 Thermal Management System

VDA QC - RW 0°



45°

New tool required

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB27 Thermal Management System

VDA QC - RW 140°



45°

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB7 Thermal Management System

VDA QC - RW 180°



45°

New tool required

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



## NB10 Thermal Management System

VDA QC - RW 90°



75°

New tool required

Rubber 16.0

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB28 Thermal Management System

VDA QC - RW 312°



NEW

80°

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB6 Thermal Management System

VDA QC - RW 0°



90°

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB9 Thermal Management System

VDA QC - RW 0°



90°

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB19 Thermal Management System

VDA QC - RW 0°



NEW

90°

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB12 Thermal Management System

VDA QC - RW 90°



90°

New tool required

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB25 Thermal Management System

VDA QC - RW 270°



NEW

90°

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB23 Thermal Management System

VDA QC - RW 270°



NEW

3 ways

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB21 Thermal Management System

VDA QC - RW 270° - Single O-Ring



NEW

3 ways

New tool required

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



## NB20 Thermal Management System

End piece



**NEW**

Straight

Rubber 16.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB11 Thermal Management System

End piece - for VDA standard QC



3 ways

New tool required

Rubber 16.0,

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB2 Thermal Management System

VDA QC- Anti twist device



Straight

New tool required

Rubber 18.0  
NT416

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB3 Thermal Management System

VDA QC - RW 270° - Anti twist device



45°

New tool required

Rubber 18.0  
NT416

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB5 Thermal Management System

VDA QC - RW 270°



90°

New tool required

Rubber 18.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB4 Thermal Management System

VDA QC - RW 270° - Anti twist device



90°

New tool required

Rubber 18.0  
NT416

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB16 Thermal Management System

VDA QC - RW 0°



90°

New tool required

Rubber 20.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB26 Thermal Management System

VDA QC - RW 315° - T shape



**NEW**

3 ways

Rubber 22.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## NB13 Thermal Management System

End piece - T shape - for VDA standard QC



3 ways

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



**XA3** Thermal Management System  
VDA QC

**Straight**

PA 16.5x18.5  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**XA2** Thermal Management System  
VDA QC

**Straight**

Rubber 20.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**XA1** Thermal Management System  
End piece

**Straight**

Rubber 20.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**XP1** Thermal Management System  
VDA QC - RW 0°

**Straight**

Rubber 26.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



## OB4 Thermal Management System

VDA QC



Straight

NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## OB2 Thermal Management System

VDA QC



Straight

NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## OB5 Thermal Management System

VDA QC - RW 270°



41°

New tool required

NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## OB6 Thermal Management System

VDA QC - RW 347° - Single O-Ring



4 ways

New tool required

PA 6.0x8.0, Rubber 13, Rubber 32.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## OB7 Thermal Management System

VDA QC - RW 270°



3 ways

New tool required

PA 14.0x16.0 or 5/8", Rubber 32.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## OB3 Thermal Management System

VDA QC



Straight

New tool required

Rubber 30.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## OB8 Thermal Management System

VDA QC - RW 90° - Single O-Ring



30°

New tool required

Rubber 32.0  
NT413

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

# NW55-61.00

## W1 Thermal Management System

Steellock QC- Single O-Ring



Straight

Rubber 55.0  
NT327

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



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# 2-BUTTON COMPACT QC





**YA1** Thermal Management System  
2-Button QC - Ø14



**Straight**

PA 12.0x14.0 or 1/2"

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**YA2** Thermal Management System  
2-Button QC - Ø14



**90°**

PA 12.0x14.0 or 1/2"

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**YA3** Thermal Management System  
2-Button QC - T shape - Ø14



**3 ways**

PA 12.0x14.0 or 1/2"

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**YA4** Thermal Management System  
2-Button QC - Ø18



**Straight**

PA 14.0x16.5

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**YA5** Thermal Management System  
2-Button QC - Ø18



**90°**

PA 14.0x16.5

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**YA6** Thermal Management System  
2-Button QC - Ø18



**90°**

PA 15.0x18.0

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**YA7** Thermal Management System  
2-Button QC - RW 90° - T shape - Ø18



**3 ways**

PA 15.0x18.0

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



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DN

DN



## P3 Thermal Management System

E Lock QC- Single O-Ring with Plug



Straight

NT276

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## P1 Thermal Management System

E Lock QC- Single O-Ring



Straight

PA 4.0x6.0 or 6.0x8.0  
NT276

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## P2 Thermal Management System

E Lock QC- Single O-Ring



90°

PA 4.0x6.0 or 6.0x8.0  
NT276

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## P4 Thermal Management System

E Lock QC- Single O-Ring



90°

PA 4.0x6.0 or 6.0x8.0  
NT276

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## P5 Thermal Management System

E Lock QC- One way valve with insert



90°

PA 4.0x6.0 or 6.0x8.0  
NT276

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## P6 Thermal Management System

E Lock QC- Single O-Ring



90°

Rubber 8  
NT276

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

## P7 Air

E Lock QC- End cap



Straight

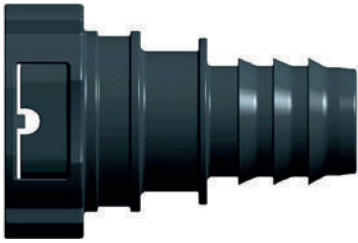
New tool required

NT276

- T°: -40°C to 125°C in continuous
- Working pressure: 5 to 7 bar



**Q1** Thermal Management System  
2-Button QC- Single O-Ring

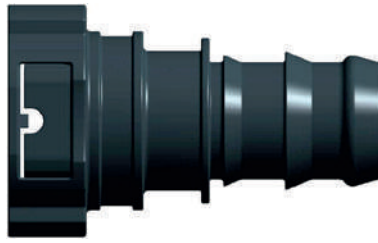


Straight

PA 16.0x18.0  
NT286

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**Q2** Thermal Management System  
2-Button QC- Single O-Ring



Straight

Rubber 17.0  
NT286

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



**R7** Thermal Management System  
2-Button QC- Single O-Ring



Straight

Rubber 16.0  
NT281

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**R1** Thermal Management System  
2-Button QC- Single O-Ring



Straight

Rubber 20.0  
NT281

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**R4** Thermal Management System  
2-Button QC- Single O-Ring



Straight

Rubber 20.0  
NT281

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**R5** Thermal Management System  
2-Button QC- Single O-Ring - Closed without external indexing



Straight

Rubber 20.0  
NT281

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**R2** Thermal Management System  
2-Button QC- Single O-Ring



90°

Rubber 20.0  
NT281

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**R6** Thermal Management System  
2-Button QC - RW 90°



90°

Rubber 20.0  
NT281

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

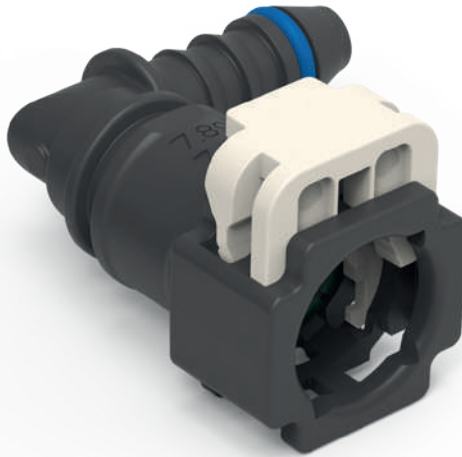
**R3** Thermal Management System  
2-Button QC- Single O-Ring - Manual drain



90°

Rubber 20.0  
NT281

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous



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# JAPANESE NORMS



**AA1** Fuel System (Liquid)

2-Button QC- Long version Toyota type



Straight

PA 6.0x8.0 or 5/16"  
NT121, NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**AA3** Fuel System (Liquid)

2-Button QC- Long version Toyota type



90°

PA 6.0x8.0 or 5/16"  
NT121, NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**AA4** Fuel System (Liquid)

P2L® QC - RW 0°



Straight

PA 6.0x8.0 or 5/16"  
NT121, NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**AA2** Fuel System (Liquid)

2-Button QC- Long version Toyota type



Straight

Rubber 5.5  
NT121, NT80, NT81

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**C18** Fuel System (Liquid)  
2-Button QC- End cap



Straight

NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C13** Fuel System (Liquid)  
2-Button QC



90° New tool required

PA 3.35x4.5  
NT319

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C1** Fuel System (Liquid)  
2-Button QC



Straight

PA 6.0x8.0 or 5/16"  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C16** Fuel System (Liquid)  
2-Button QC



45°

PA 6.0x8.0 or 5/16"  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C2** Fuel System (Liquid)  
2-Button QC



90°

PA 6.0x8.0 or 5/16"  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C17** Fuel System (Liquid)  
2-Button QC - RW 90°



90°

PA 6.0x8.0 or 5/16"  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C27** Fuel System (Liquid)  
2-Button QC - RW 90° - T shape



3 ways

PA 6.0x8.0 or 5/16"  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C21** Fuel System (Liquid)  
P2L® QC - RW 0°



Straight

PA 6.0x8.0 or 5/16"  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C23** Fuel System (Liquid)  
P2L® QC - RW 0° - Single O-Ring



Straight

PA 6.0x8.0 or 5/16"  
NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous





**C22** Fuel System (Liquid)  
P2L® QC - RW 270°

**45°**

PA 6.0x8.0 or 5/16"  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C24** Fuel System (Liquid)  
P2L® QC - RW 270°

**90°**

PA 6.0x8.0 or 5/16"  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C25** Fuel System (Liquid)  
P2L® QC - RW 90°

**90°**

PA 6.0x8.0 or 5/16"  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C10** Fuel System (Liquid)  
2-Button QC

**Straight**

PA 8.0x10.0 or 3/8"  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C11** Fuel System (Liquid)  
2-Button QC

**90°**

PA 8.0x10.0 or 3/8"  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C20** Fuel System (Liquid)  
2-Button QC

**Straight**

Rubber 5.5  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C15** Fuel System (Liquid)  
2-Button QC

**90°** New tool required

Rubber 7.3  
NT101, NT102, NT65, NT71

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C26** Fuel System (Liquid)  
End piece

**Straight**

Rubber 8

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**C29** Various applications  
Protector connector cover



**M1** Fuel System (Liquid)  
2-Button QC

**Straight**

PA 16.5x18.5  
NT271, NT306

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**M2** Fuel System (Liquid)  
2-Button QC

**90°**

PA 16.5x18.5  
NT251, NT271, NT272

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**M3** Fuel System (Vapor)  
2-Button QC- Single O-Ring

**Straight**

PA 16.0x18.0  
NT251

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**M6** Fuel System (Vapor)  
2-Button QC- Single O-Ring

**45°**

PA 16.0x18.0  
NT251

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

**M8** Fuel System (Vapor)  
P2L® QC - RW 90° - Single O-Ring

**45°**

PA 16.0x18.0  
NT251, NTJP063

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous



**BCD5** Various applications  
End piece- Type plug



**BCD1** Various applications  
Assembly check



**BCD2** Various applications  
Assembly check- Pull Tab



**BCD7** Various applications  
Plug- For Double lock



**BCD3** Various applications  
Double lock- For 2-Button QC



**BCD6** Various applications  
Double lock- For 2-Button QC - Long version



**BCD4** Various applications  
STAR plug





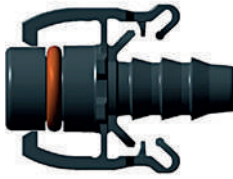
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# TYPE 6



## T1 Brake Booster Vacuum

E Lock QC- Single O-Ring



### Straight

PA 8.0x10.0 or 3/8"  
NT214

- Working pressure: 1 bar
- T°: -30°C to 120°C in continuous

## T2 Brake Booster Vacuum

E Lock QC- Single O-Ring



### 90°

PA 8.0x10.0 or 3/8"  
NT214

- Working pressure: 1 bar
- T°: -30°C to 120°C in continuous



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# ADAPTORS

# ADAPTORS



## S10 Fuel System (Liquid)

### Adaptor- Bleed screw



Straight

PA 8.0x10.0 or 3/8"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

## S30 Fuel System (Liquid)

### Adaptor - X shape



4 ways

New tool required

PA 4.5x6.0, PA 6.0x8.0 or 5/16", PA 8.0x10.0 or 3/8"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

## S38 Fuel System (Vapor)

### T shape - One way



3 ways

New tool required

PA 8.0x10.0 or 3/8"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

## S36 Fuel System (Vapor)

### Adaptor - T shape



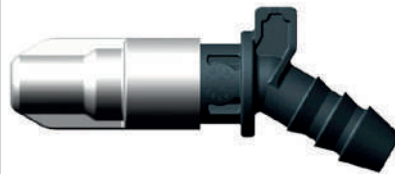
3 ways

Rubber 5.5

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

## S11 Hydraulic Brake

### Adaptor- with Protection cap



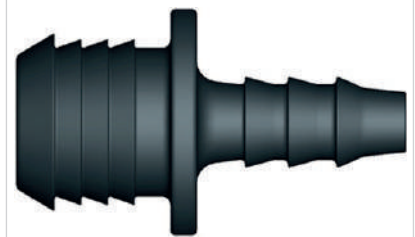
30°

PA 6.0x8.0 or 5/16"

- T°: -40 to 120°C in continuous
- Pressure: 3 bars in continuous

## S18 Thermal Management System

### Adaptor - I shape



Straight

PA 6.0x8.0, PA 12.0x16.0

- Working pressure: 0.5 to 2 bars
- T°: -40°C to 120°C in continuous

## S19 Thermal Management System

### Adaptor - I shape



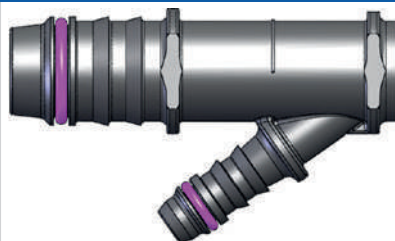
Straight

PA 6.0x8.0, Rubber 9.5

- Working pressure: 0.5 to 2 bars
- T°: -40°C to 120°C in continuous

## S33 Thermal Management System

### Adaptor - Y shape



2 ways

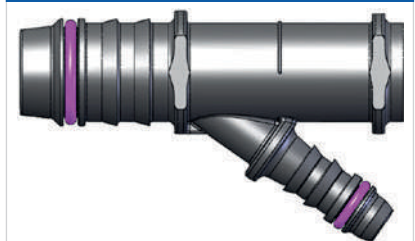
New tool required

PA 6x8 or 6.35x8.35, PA 14.0x16.0

- Working pressure: 0.5 to 2 bars
- T°: -40°C to 120°C in continuous

## S34 Thermal Management System

### Adaptor - Y shape



2 ways

New tool required

PA 6x8 or 6.35x8.35, PA 14.0x16.0

- Working pressure: 0.5 to 2 bars
- T°: -40°C to 120°C in continuous



**S32** Thermal Management System  
Adaptor - Y shape



**3 ways** New tool required

PA 6x8 or 6.35x8.35, PA 14.0x16.0

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**S29** Thermal Management System  
Adaptor - I shape



**Straight** New tool required

PA 14.0x16.0, Rubber 14.3

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**S20** Thermal Management System  
Adaptor - I shape




**Straight**

PA 12.0x16.0, Rubber 9.5

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**S26** Thermal Management System  
Adaptor - I shape



**Straight** New tool required

Rubber 16.0

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**S25** Thermal Management System  
Adaptor - L shape



**90°** New tool required

Rubber 19.0, Rubber 25.0

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**S24** Thermal Management System  
Adaptor




**4 ways** New tool required

Rubber 20.0, Rubber 22.5, M22x1.5

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**S23** Thermal Management System  
Adaptor - Y shape



**3 ways** New tool required

Rubber 30.0

- Working pressure: 0,5 to 2 bars
- T°: -40°C to 120°C in continuous

**S21** Various applications  
Adaptor - T shape



**3 ways** New tool required

PA 3.35x4.5

**S2** Various applications  
Adaptor - T shape



**3 ways**

PA 6.0x8.0 or 5/16"





**S12** Various applications

Adaptor - T shape



3 ways

PA 6.0x8.0 or 5/16", Rubber 7.5

**S14** Various applications

Adaptor - Y shape



3 ways

PA 6.0x8.0, PA 14.0x16.0

**S22** Various applications

Adaptor - X shape

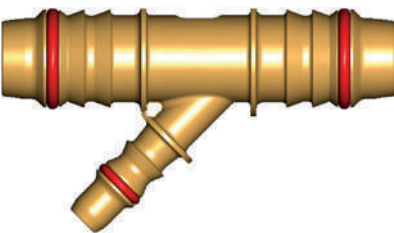


4 ways

PA 6.0x8.0, PA 14.0x16.0

**S27** Various applications

Adaptor - Y shape

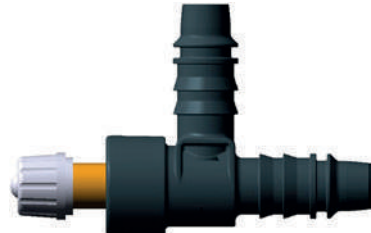


3 ways

PA 6x8 or 6.35x8.35, PA 13.5x16.0

**S8** Various applications

Adaptor - L shape - Schrader® valve



90°

PA 8.0x10.0 or 3/8"

**S4** Various applications

Adaptor - T shape



3 ways

PA 8.0x10.0 or 3/8"

**S28** Various applications

Adaptor - I shape



Straight

New tool required

PA 9.0x12.0, Rubber 9.5

**S35** Various applications

Adaptor - T shape



3 ways

PA 9.0x12.0

**S7** Various applications

Adaptor - L shape



90°

PA 14.0x16.0 or 5/8"



**S31** Various applications

Adaptor - L shape



90°

Rubber 7.5

**S5** Various applications

Adaptor - T shape



3 ways

Rubber 7.5





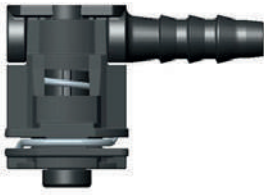
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# INJECTORS



## ZB1 Fuel System (Liquid)

FlagLOCK® QC



2 ways

PA 4.5x6.0  
NT388

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

## ZB2 Fuel System (Liquid)

FlagLOCK® QC - T shape



3 ways

PA 4.5x6.0  
NT388

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

## ZA1 Fuel System (Liquid)

S2L® QC



90°

PA 4.5x6.0  
NT340, NT373

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

## ZB5 Fuel System (Liquid)

Injector cap



Straight

New tool required

PA 6.0x8.0 or 5/16"

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

## ZB4 Fuel System (Liquid)

FlagLOCK® QC



2 ways

New tool required

NT438

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

## ZB3 Fuel System (Liquid)

FlagLOCK® QC - T shape



160°

New tool required

NT438

- Working pressure: 5 to 7 bar
- T°: -30°C to 120°C in continuous

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