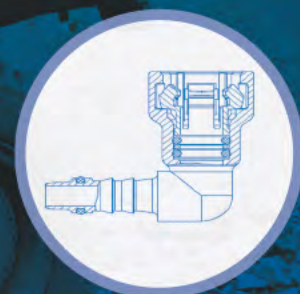
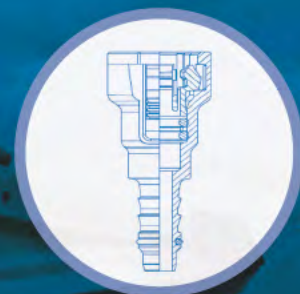
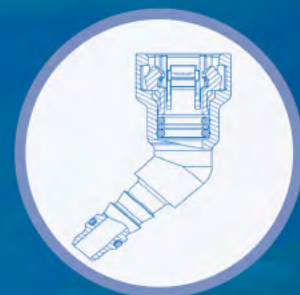


Customer Value through Innovation



# NORMAQUICK® S Quick Connector

SAE J2044 Compatible



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



# NORMAQUICK® S Quick Connector

NormaQuick® S plastic quick connectors are designed to connect media carrying lines on passenger vehicles, commercial trucks, and agricultural and construction equipment. Developed for fuel system and coolant applications, the products are characterized by a "click" sound that occurs at assembly, as well as quick and safe connections.



## Connecting Spigot

NORMA Group's standard S connectors can be used on both plastic and metal spigots, which are also available upon request.

## Standard Materials

NormaQuick S connectors are made from recyclable materials featuring extremely low permeation values. Standard versions are made from Polyamide 6 or Polyamide 12 with 20-50% glass fiber content. O-rings are made of FPM, FVMQ and EPDM as standard equipment. All available nominal sizes are validated according to SAE J2044.

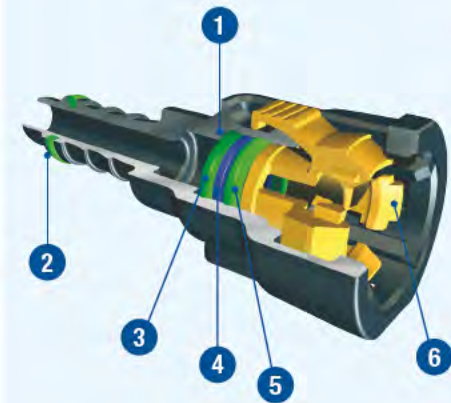


## Applications

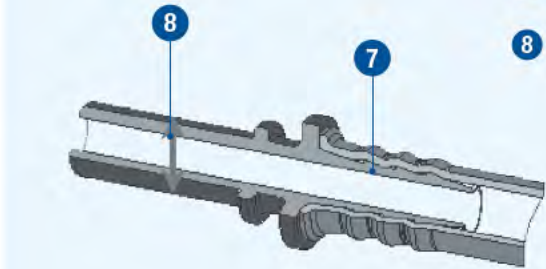
- Fuel
  - Feed and return
  - Tank breathing
- Oil cooler
- Vacuum control
- Coolant
- DEF

## Advantages

- Fast assembly without tools
- Robot assembly possible
- Compact building method
- Integrated seal
- Closing cone principle



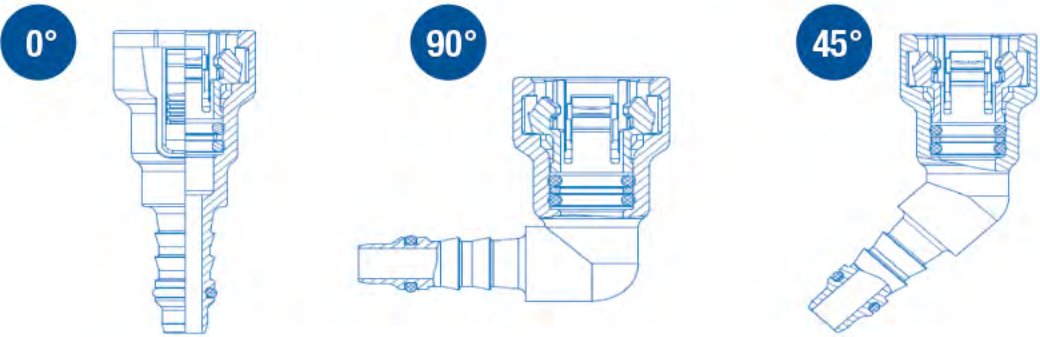
- 1 Housing
- 2 Firtree plus O-ring (optional)
- 3 Primary O-ring
- 4 Spacer
- 5 Secondary O-ring
- 6 Retainer (spring)



- 7 Adapter
- 8 Diameter of Connecting spigot = Nominal Width (NW)

## Summary of Sizes

NormaQuick S quick connectors come standard in 0° and 90° versions; special versions, such as the 45° connector shown below, are available upon request.



## Technical Features – Meeting the requirements of SAE J2044

Operating Pressure	Operating Temperature
Approx. 10 bar excess pressure	Engine compartment: –40°C up to +135°C Short time up to +150°C (approx. 30 min.)

Nominal Size	Outside Diameter Spigot (O-Ring Sealing Diameter of Spigot)	Version 0°	Version 90°	Version 45°
1/4"	6.3 mm	X	X	–
5/16"	7.89 mm	X	X	X
8 mm	8.00 mm	X	X	–
3/8"	9.49 mm	X	X	X
10 mm	9.89 mm	X	X	X
1/2"	12.61 mm	X	X	X
14 mm	14.24 mm	X	X	X
5/8"	15.82 mm	X	X	X

## Inquiries

Please include as much detail as possible (see items 1-8 of this example chart) when requesting additional information.

	Example
1 Quick connector type	NQS
2 Nominal size (O-ring sealing diameter of spigot)	5/16 (7.89 mm)
3 Version 0°, 45° or 90°	0°
4 Application	Fuel
5 Inner diameter assembled PA-tube or hose	PA-tube ID = 06 mm
6 OEM / end customer	TBD
7 Annual volume	100,000 pieces / year
8 SOP	CW 34/2014







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