

Customers have the option of selecting different features to add to the nozzle to suit the application or operating environment the nozzle is subjected to. Some of these features include: the length of the connector nut, different nose pieces, housing a magnet in the front guard, a strainer, a latch and the inlet swivel thread. To make it easier to identify what feature is needed, they will be explained in the sections below.

Building a Part Number

Each section labelled 1. to 6. represent a small portion of the part number. If required add the appropriate letter or number, if not required, leave the space blank.

1. Nozzle Style	2. Nose Piece	3. Magnet	4. Strainer	5. Latch	6. Inlet Size
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1. Nozzle Style

There are two styles of nozzle to choose from in the GasGuard 1 3/4" ACME range for the filling of small to medium Autogas vehicle and storage tanks. The style is chosen purely based on the application, this then indicates what length (reach) of the Connector Nut is required.



'GG1' nozzles are suitable for the filling of commercial and passenger Autogas vehicles as well as mobile and small stationary LPGas storage tanks.

- Operating temperature -40 °C to +110 °C (-40 °F to +230 °F)
- Weight: approx. 1.8 kg (4 lbs) including swivel
- Compact
- Nozzle reach: 125 mm

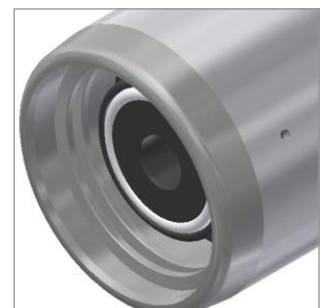
Part No.: **GG1** _____ - ____

'GG20': similar to GG1, but due to their long connector nut they are suitable to reach into, and connect to deep-seated filler valves, as associated with forklift truck cylinders and Recreational Vehicle (RV) filler vales in similarly difficult locations.

- Operating temperature -40 °C to +110 °C (-40 °F to +230 °F)
- Weight: approx. 2.0 kg (4 lbs) including swivel
- Nozzle reach: 160 mm

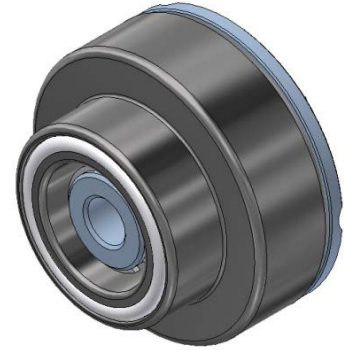
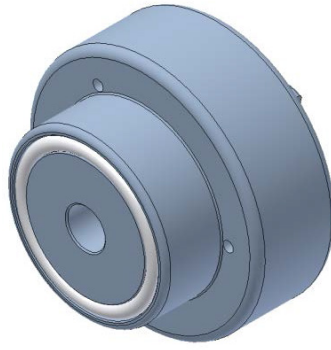
Part No.: **GG20** _____ - ____

Note: As at 1st September 2014, a new 'guided' connector nut is used on all ACME nozzles. It assists the customer in aligning and connecting the nozzle to the fill point. The pictures to the right show the difference between the guided thread (right) and the old standard thread (left).



2. Nose Piece

Three different nose pieces are available for GG1 and GG20 nozzles:



'E' Nose Piece (E)

Common for attended sites.
Flowrate up to 63 l/min at
12 bar system pressure.
Release volume 1.9 cm³

Part No.: ___ **E** ___ - ___

'H' Nose Piece (H)

Common for attended sites.
Flowrate up to 60 l/min at
12 bar system pressure.
Release volume 1.7 cm³.
Lower lever force than 'E'.

Part No.: ___ **H** ___ - ___

'DN' Nose Piece (DN)

Patented Dual Nose piece for
unattended sites, public use.
Added safety. Flowrate up to
60 l/min at 12 bar system pres-
sure. Release volume 1.7 cm³.
Lower lever force than 'E'.

Part No.: ___ **DN** ___ - ___

3. Magnet Assembly (J)

It is possible to fit an **optional** magnet assembly in the front guard of the nozzle body, behind the serial number sticker. Magnets are only required if a dispenser uses a reed switch at the rear of the nozzle boot (holster) to activate the pump instead of the more traditional mechanical arms.

If you do not require a magnet, leave blank.

Part No.: ___ **J** ___ - ___

4. Strainer (S)

Since July 2014, a strainer is inserted as **standard** into all GG1 / GG20 nozzles to effectively contain contaminants or foreign particles from upstream sources before they enter the LPGas vehicle or storage tank.

If you do not require a strainer, leave blank.

Part No.: ___ **S** ___ - ___

5. Latch (L)

The **optional** latch assists the customer in holding the lever during the refueling process. It is a single handed process where the lever is latched in the open/fill position with the forefinger. To stop the flow, the customer must squeeze the lever whereby the latch will automatically de-activate. Note that not all countries or LPGas governing bodies allow the use of a latch, please check this before ordering.

If you do not require a latch, leave blank.

Part No.: ___ **L** ___ - ___

6. Inlet Swivel (1/2") or (3/4")

Customers have the option of choosing between two sizes of swivel inlet thread: 15 mm (1/2") or 20 mm (3/4") NPT female. This size mainly depends on what hose ends are standard in each respective local industry.

Part No.: ___ - 1/2" or

Part No.: ___ - 3/4"