



# DUPLEX INJECTION QUILLS

## PRODUCT DATA SHEET



The Eddington Duplex Injection Quill Type 316 Stainless Steel with ball valve and check valve kit – Part Number QD-316-075-BV-CVK - is depicted above and comes with the following:

- 3/4" MNPT System Connection
- 1/2" FNPT Pump Connection
- (2) 1/2" Check Valves - Type 316 Stainless Steel
- Quill size inner: 3/8" tubing
- Quill size outer: 3/8" pipe
- Quill length inner: Up to 7" lg
- Quill length outer: 2 3/4" lg

Standard configurations are listed below; however, special configurations are also available. Please call for information.

Part Number	Process Connection	Pump Connection	Inner Quill Size (tubing)	Outer Quill Size (pipe)	Inner Quill Length	Outer Quill Length	Pressure (max)	Temperature (max)
QD-316-050	1/2" MNPT	1/4" FNPT	1/4"	1/4"	Up to 7"	2 3/4"	1000 psi	500°F (260°C)
QD-316-050-CVK	1/2" MNPT	1/4" FNPT	1/4"	1/4"	Up to 7"	2 3/4"	1000 psi	375°F (190°C)*
QD-316-075	3/4" MNPT	1/2" FNPT	3/8"	3/8"	Up to 7"	2 3/4"	1000 psi	500°F (260°C)
QD-316-075-CVK	3/4" MNPT	1/2" FNPT	3/8"	3/8"	Up to 7"	2 3/4"	1000 psi	375°F (190°C)*
QD-316-075-BV-CVK	3/4" MNPT	1/2" FNPT	3/8"	3/8"	Up to 7"	2 3/4"	1000 psi	375°F (190°C)*
QD-316-100	1" MNPT	1/2" FNPT	3/8"	3/8"	Up to 7"	2 3/4"	1000 psi	500°F (260°C)
QD-316-100-CVK	1" MNPT	1/2" FNPT	3/8"	3/8"	Up to 7"	2 3/4"	1000 psi	375°F (190°C)*

\*Maximum Temperature rating is based on units provided with check valves

### APPLICATIONS

- Injection Quills are designed to ensure a more uniform and rapid dispersal of injection chemicals into the center stream of a process pipeline. This prevents corrosive liquids from clinging to the side of the pipe.
- Duplex Injection Quills are primarily made from Type 316 Stainless Steel and allow two chemicals to be inserted simultaneously.

### FEATURES

- Check valve kits are available on the pump side connection for easy installation and come assembled ready for use.
- Alloy 20 and Hastelloy materials are also available.
- Special quill lengths available on request.
- Insertion length of the inner tube is adjustable, based on where the customer sets the compression fitting.
- Hex shaped body allows a wrench to be used during installation.
- Made in the USA.