



# 3 & 4 PORT INJECTION QUILLS

## PRODUCT DATA SHEET

PATENT PENDING



The Eddington Triplex Injection Quill Type 316 Stainless Steel with check valve kit - Part Number QT-316-200-CVK - is depicted above and comes with the following:

- 2" MNPT System Connection
- (3) Port 1/4" FNPT Chemical Inlet Connection
- (3) 1/4" Check Valves - Type 316 Stainless Steel
- (3) 1/4" Isolation Valves - Type 316 Stainless Steel
- Teflon tape and Teflon paste are used on all threaded connection

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

Part Number	Process Connection	Number of Connections	Chemical Inlet Connection	Quill Size	Quill Length (Standard)**	Pressure (max)	Temperature (max)
QT-316-100	1" MNPT	3	1/4" FNPT	1/4" Tubing	12"	1000 psi	500°F (260°C)
QT-316-100-CVK	1" MNPT	3	1/4" FNPT	1/4" Tubing	12"	1000 psi	375°F (190°C)*
Q4-316-100	1" MNPT	4	1/4" FNPT	1/4" Tubing	12"	1000 psi	500°F (260°C)
Q4-316-100-CVK	1" MNPT	4	1/4" FNPT	1/4" Tubing	12"	1000 psi	375°F (190°C)*
QT-316-150	1 1/2" MNPT	3	1/4" FNPT	3/8" Tubing	18"	1000 psi	500°F (260°C)
QT-316-150-CVK	1 1/2" MNPT	3	1/4" FNPT	3/8" Tubing	18"	1000 psi	375°F (190°C)*
Q4-316-150	1 1/2" MNPT	4	1/4" FNPT	3/8" Tubing	18"	1000 psi	500°F (260°C)
Q4-316-150-CVK	1 1/2" MNPT	4	1/4" FNPT	3/8" Tubing	18"	1000 psi	375°F (190°C)*
QT-316-200	2" MNPT	3	1/4" FNPT	1/4" sch40 Pipe	24"	1000 psi	500°F (260°C)
QT-316-200-CVK	2" MNPT	3	1/4" FNPT	1/4" sch40 Pipe	24"	1000 psi	375°F (190°C)*
Q4-316-200	2" MNPT	4	1/4" FNPT	1/4" sch40 Pipe	24"	1000 psi	500°F (260°C)
Q4-316-200-CVK	2" MNPT	4	1/4" FNPT	1/4" sch40 Pipe	24"	1000 psi	375°F (190°C)*

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

\*\*Quill lengths can be staggered upon request

## 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.
- De-airator applications are suited particularly well for this product.
- Triplex Injection Quills are primarily made from Type 316 Stainless Steel and allow three chemicals to be inserted simultaneously.

## FEATURES

- Check valve kits are available on the chemical inlet side for easy installation and come assembled ready for use.
- Alloy 20 and Hastelloy materials are also available.
- Special quill lengths available on request.
- Hex shaped body allows a wrench to be used during installation.
- Each quill is welded to two rings to prevent quills from unscrewing.
- Made in the USA.