

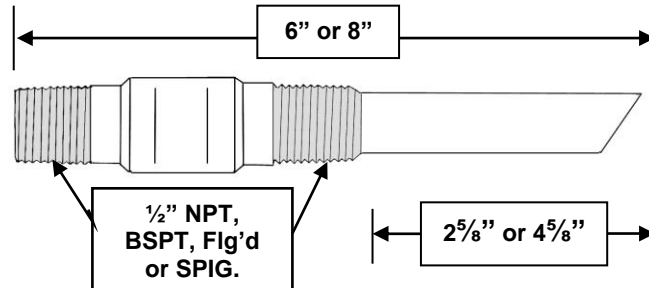


# PRIMARY FLUID SYSTEMS INC.

1050 COOKE BLVD., BURLINGTON, ONTARIO L7T 4A8  
 TEL: (905)333-8743 FAX: (905)333-8746  
 1-800-776-6580

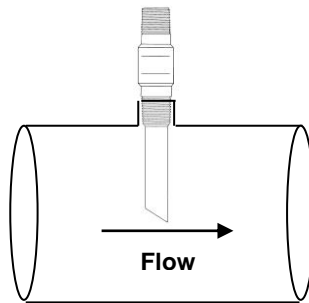
01/2022  
 Rev. 0

## Canadian 2022 PFS Injection Quills



Typical Installation

Fig. A



### HOW TO ORDER

eg: IQ-56-CPVC-HI-25

IQ - 56 - CPVC - HI - 25

**PFS INJECTION QUILL**

**QUILL CONNECTION**

- 5 = 1/2" NPT
  - 5B = 1/2" BSPT
  - 5F = 1/2" Flg'd
  - 5S = 1/2" SPIG.
  - 7 = 3/4" NPT
  - 7B = 3/4" BSPT
  - 7F = 3/4" Flg'd
  - 7S = 3/4" SPIG.
- Other connection sizes available upon request.

**INSERTION LENGTH**

- 6 = 2 5/8"
  - 8 = 4 5/8"
- Longer insertions available upon request

The standard discharge orifice is 1/8"  
 -25 = Optional 1/4" discharge orifice for higher capacity flow

**OPTIONAL: (Suffix)**

**SPRING AND BALL MATERIALS**

- H = Hastelloy "C" spring material
- I = Hastelloy "C" ball material
- TB = Titanium Grade 2 ball material
- TS = Titanium Beta "C" Spring
- K = PVDF ball material
- T = PTFE ball material

**BODY MATERIALS**

- PVC = Polyvinylchloride
- CPVC = CPVC Corzan
- PP = Polypropylene
- PVDF = Polyvinylidene Fluoride
- 316S/S = 316 Stainless Steel
- HAST = Hastelloy "C" 276

Call Toll Free 1-800-776-6580

# PFS Injection Quills

## Standard Features

- Built in, spring loaded check
- 6 materials of construction
- Pressure range to 3000 PSIG
- Available in 2 sizes, 6" (2<sup>5</sup>/<sub>8</sub>" insertion length) or 8" (4<sup>5</sup>/<sub>8</sub>" insertion length)
- Simple installation, using 1/2" or 3/4" NPT, BSP, Flg'd or Spigoted connections are available
- 3 spring material choices, 316 stainless steel (standard), Hastelloy "C" or Titanium Beta "C"
- 6 check ball material choices (see options below)

<i>Model</i>	<i>OAL Length</i>	<i>Insertion Length</i>	<i>Body Material</i>	<i>Ball Check Material</i>	<i>Check Spring Material</i>	<i>Pressure * Max. PSIG</i>	<i>Temperature Max.</i>
IQ-56-PVC IQ-76-PVC	6"	2 <sup>5</sup> / <sub>8</sub> "	PVC	Ceramic	316S/S	150*	140°F(60°C)
IQ-56-CPVC IQ-76-CPVC	6"	2 <sup>5</sup> / <sub>8</sub> "	CPVC	Ceramic	316S/S	150*	210°F(98°C)
IQ-56-PP IQ-76-PP	6"	2 <sup>5</sup> / <sub>8</sub> "	PP	Ceramic	316S/S	150*	195°F(90°C)
IQ-56-PVDF IQ-76-PVDF	6"	2 <sup>5</sup> / <sub>8</sub> "	PVDF	Ceramic	316S/S	150*	260°F(125°C)
IQ-56-316S/S IQ-76-316S/S	6"	2 <sup>5</sup> / <sub>8</sub> "	316 S/S	316 S/S	316S/S	3000*	500°F(260°C)
IQ-56-HastC IQ-76-HastC	6"	2 <sup>5</sup> / <sub>8</sub> "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)
IQ-58-PVC IQ-78-PVC	8"	4 <sup>5</sup> / <sub>8</sub> "	PVC	Ceramic	316S/S	150*	140°F(60°C)
IQ-58-CPVC IQ-78-CPVC	8"	4 <sup>5</sup> / <sub>8</sub> "	CPVC	Ceramic	316S/S	150*	210°F(98°C)
IQ-58-PP IQ-78-PP	8"	4 <sup>5</sup> / <sub>8</sub> "	PP	Ceramic	316S/S	150*	195°F(90°C)
IQ-58-PVDF IQ-78-PVDF	8"	4 <sup>5</sup> / <sub>8</sub> "	PVDF	Ceramic	316S/S	150*	260°F(125°C)
IQ-58-316S/S IQ-78-316S/S	8"	4 <sup>5</sup> / <sub>8</sub> "	316S/S	316S/S	316S/S	3000*	500°F(260°C)
IQ-58-HastC IQ-78-HastC	8"	4 <sup>5</sup> / <sub>8</sub> "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)

**\*MAXIMUM PSIG RATING BASED ON 73°F (23°C). SEE PAGE 4 FOR TEMPERATURE CORRECTION FACTOR**

**Note:** Check spring is made of 316 S/S, Hastelloy "C" or Titanium Beta C material. The injection quill may be ordered less spring if not chemically compatible with product being pumped.

Hastelloy "C" springs are available from stock

Other spring materials available on special request, please contact the factory for costs

PVDF, PTFE, Hastelloy "C" and Titanium Grade 2 check balls are available from stock

# PFS Injection Quills 2022 Canadian Price List

CODE A

<i>Model</i>	<i>OAL Length</i>	<i>Insertion Length</i>	<i>Body Material</i>	<i>Ball Check Material</i>	<i>Check Spring Material</i>	<i>Pressure* Max. PSIG</i>	<i>Temperature Max.</i>	<i>List Price</i>
IQ-56-PVC	6"	2 <sup>5</sup> / <sub>8</sub> "	PVC	Ceramic	316S/S	150*	140°F(60°C)	\$ 206.00
IQ-76-PVC	6"	2 <sup>5</sup> / <sub>8</sub> "	PVC	Ceramic	316S/S	150*	140°F(60°C)	\$ 251.00
IQ-56-CPVC	6"	2 <sup>5</sup> / <sub>8</sub> "	CPVC	Ceramic	316S/S	150*	210°F(98°C)	\$ 237.00
IQ-76-CPVC	6"	2 <sup>5</sup> / <sub>8</sub> "	CPVC	Ceramic	316S/S	150*	210°F(98°C)	\$ 306.00
IQ-56-PP	6"	2 <sup>5</sup> / <sub>8</sub> "	PP	Ceramic	316S/S	150*	195°F(90°C)	\$ 222.00
IQ-76-PP	6"	2 <sup>5</sup> / <sub>8</sub> "	PP	Ceramic	316S/S	150*	195°F(90°C)	\$ 289.00
IQ-56-PVDF	6"	2 <sup>5</sup> / <sub>8</sub> "	PVDF	Ceramic	316S/S	150*	260°F(125°C)	\$ 311.00
IQ-76-PVDF	6"	2 <sup>5</sup> / <sub>8</sub> "	PVDF	Ceramic	316S/S	150*	260°F(125°C)	\$ 461.00
IQ-56-316S/S	6"	2 <sup>5</sup> / <sub>8</sub> "	316S/S	316S/S	316S/S	3000*	500°F(260°C)	\$ 320.00
IQ-76-316S/S	6"	2 <sup>5</sup> / <sub>8</sub> "	316S/S	316S/S	316S/S	3000*	500°F(260°C)	\$ 684.00
IQ-56-HASTC	6"	2 <sup>5</sup> / <sub>8</sub> "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)	\$1,055.00
IQ-76-HASTC	6"	2 <sup>5</sup> / <sub>8</sub> "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)	Call Factory
IQ-58-PVC	8"	4 <sup>5</sup> / <sub>8</sub> "	PVC	Ceramic	316S/S	150*	140°F(60°C)	\$ 222.00
IQ-78-PVC	8"	4 <sup>5</sup> / <sub>8</sub> "	PVC	Ceramic	316S/S	150*	140°F(60°C)	\$ 267.00
IQ-58-CPVC	8"	4 <sup>5</sup> / <sub>8</sub> "	CPVC	Ceramic	316S/S	150*	210°F(98°C)	\$ 267.00
IQ-78-CPVC	8"	4 <sup>5</sup> / <sub>8</sub> "	CPVC	Ceramic	316S/S	150*	210°F(98°C)	\$ 334.00
IQ-58-PP	8"	4 <sup>5</sup> / <sub>8</sub> "	PP	Ceramic	316S/S	150*	195°F(90°C)	\$ 261.00
IQ-78-PP	8"	4 <sup>5</sup> / <sub>8</sub> "	PP	Ceramic	316S/S	150*	195°F(90°C)	\$ 334.00
IQ-58-PVDF	8"	4 <sup>5</sup> / <sub>8</sub> "	PVDF	Ceramic	316S/S	150*	260°F(125°C)	\$ 339.00
IQ-78-PVDF	8"	4 <sup>5</sup> / <sub>8</sub> "	PVDF	Ceramic	316S/S	150*	260°F(125°C)	\$ 489.00
IQ-58-316S/S	8"	4 <sup>5</sup> / <sub>8</sub> "	316S/S	316S/S	316S/S	3000*	500°F(260°C)	\$ 348.00
IQ-78-316S/S	8"	4 <sup>5</sup> / <sub>8</sub> "	316S/S	316S/S	316S/S	3000*	500°F(260°C)	\$ 742.00
IQ-58-HASTC	8"	4 <sup>5</sup> / <sub>8</sub> "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)	\$1,170.00
IQ-78-HASTC	8"	4 <sup>5</sup> / <sub>8</sub> "	Hastelloy	Hastelloy	Hastelloy	3000*	500°F(260°C)	Call Factory

**\*MAXIMUM PSIG RATING BASED ON 73°F (23°C). SEE PAGE 4 FOR TEMPERATURE CORRECTION FACTOR**

### (Options)

- For **Hastelloy "C" spring** material add **suffix – H** to part number and **add \$55.00** to the list
- For **Titanium Beta "C" spring** material add **suffix – TS** to part number and **add \$133.00** to the list
- For **Hastelloy "C" ball** material add **suffix – I** to part number and **add \$68.00** to the list price
- For **Titanium Grade 2 ball** material add **suffix – TB** to part number and **add \$182.00** to the list
- For **PVDF ball** material add **suffix – K** to part number and **add \$68.00** to the price
- For **PTFE ball** material add **suffix – T** to part number and **add \$68.00** to the price
- For **Flanged and Spigot** see **How to Order – consult factory** for pricing

The standard discharge orifice is 1/8", which helps increase chemical discharge velocity

Optional 1/4" discharge orifice available for higher capacity flow add suffix -25 & add \$17.00 to the list price

(i.e. IQ-56-PVC quill with Hastelloy spring and ball would be part # IQ-56-PVC-HI with a list price of \$206.00 plus \$123.00 = \$329.00 list)

**NOTE:** CRN is available on certain Quills at an extra charge. Please contact factory for price and availability.

All taxes are extra **if applicable**

F.O.B. Burlington, Ont.

Ship prepaid and charge

Terms: (OAC) Net 30 days, **firm**

Prices are subject to change without notice

