

# CFI SERIES

## NON-RETRACTABLE, FLANGED



### SPECIFICATIONS

PROCESS CONNECTION SIZES

1" - 8" FLANGE

INLET CONNECTION SIZE

SEE TECH NOTE 2

SOLUTION TUBE SIZES

1/2" - 4"

SOLUTION TUBE ID

SEE TECH NOTE 3

SOLUTION TUBE OD

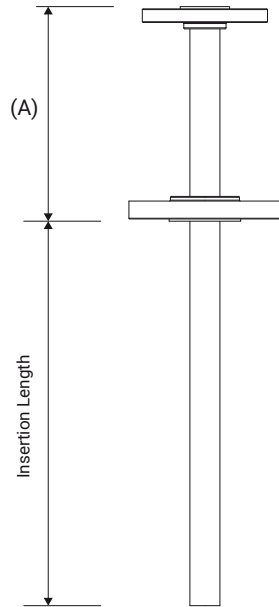
SEE TECH NOTE 3

(A) OPERATING LENGTH

8"

OVERALL LENGTH

A + INSERTION LENGTH



The CFI Series non-retractable injection quills are selected based on their ability to handle high-pressure and/or high-temperature applications where threaded connections are not permitted. They are also common in applications that require the rigid integrity of a non-retractable is needed to stand up against excessive turbulence or other adverse process flow conditions.

This series is considered a custom product. While many of the common ordering options are listed below, the general design can be developed on to meet the specific piping requirements of the application.



SOLUTION TUBE SIZE	MIN. REQUIRED PROCESS CONNECTION FLANGE SIZE
1/2"	1"
3/4"	1-1/2"
1"	1-1/2"
1-1/2"	2"
2"	2-1/2"
2-1/2"	3"
3"	4"
4"	6"

### ORDERING INFORMATION

SERIES	SOLUTION TUBE SIZE	SOLUTION TUBE MATERIAL	PROCESS CONNECTION FLANGE SIZE	FLANGE CLASS	PROCESS CONNECTION FLANGE MATERIAL	INSERTION LENGTH	TIP CONFIGURATION
CFI	-	-	-	-	-	-	-
	050 = 1/2" 075 = 3/4" 100 = 1" 150 = 1-1/2" 200 = 2" 250 = 2-1/2" 300 = 3" 400 = 4"	H = Alloy C276 S = 316SS A = Alloy 20 T = TITANIUM Gr.2 <sup>4</sup>	100 = 1" 150 = 1-1/2" 200 = 2" 250 = 2-1/2" 300 = 3" 400 = 4" 600 = 6" 800 = 8"	1 = 150 CLASS 3 = 300 CLASS	H = Alloy C276 S = 316SS A = Alloy 20 T = Titanium Gr.2	SPECIFY LENGTH IN INCHES	0 = STANDARD B = 45° BEVEL DH = DIFFUSER HOLES

### TECH NOTES

1. Pressure ratings vary based on selected pipe/flange combinations. Inquire for details specific to your selected configuration.
2. Default is for inlet flange to match solution tube size (slip-on). Custom options are available inquire for details. Additionally, inlet flange material to be same as solution tube.
3. Solution tube sizes conform to schedule 40 nominal pipe size (NPS) dimensions.
4. Titanium availability subject to change. Please verify availability prior to selecting.
5. Process connection flange material to be the same as the solution tube with the exception of the Alloy C276 which can utilize 316SS as main connection flange.
6. Insertion length should take into account any stand-off dimension between process pipe and mounting flange face in addition to desired protrusion into process main.
7. Diffuser hole layout to be provided by customer. SAF-T-FLO does not provide diffuser hole recommendations.