

# F347 Tapered Flanged Quill Model Code

F347 - T1 - T2 T3 T4 T5 - T6 - T7 - T8 - T9 - T10 - T11

## F347 Tapered - 0.385" Bore - Flanged - Quill

T1	Quill Stem Material		
304	304/304L stainless	F11	F11
<b>316</b>	<b>316/316L stainless</b>	F44	Alloy 254
310	310 stainless steel	F51	Duplex 2205
600	Inconel 600	HAC	Hastelloy C276
625	Inconel 625	HAB	Hastelloy B
800	Incoloy 800	LF2	A350 LF2
825	Incoloy 825	M40	Monel 400
8HT	Incoloy 800 HT	TI2	Titanium Grade 2
A20	Alloy 20	Other <sup>2</sup> Consult factory	
F9	F9		

T2	Flange Size NPS	Nominal Pipe OD
1"	1" NPS	1.315"
<b>1.5"</b>	<b>1.5" NPS</b>	1.900"
<b>2"</b>	<b>2" NPS</b>	2.375"
Other	Consult factory	

T3	Flange Class per ASME B16.5
150#	Class 150
300#	Class 300
600#	Class 600
900#	Class 900
1500#	Class 1500
2500#	Class 2500

T4	Flange Face
<b>RF</b>	<b>Raised face</b>
RTJ	Ring-type joint
FF	Flat face

T5	Quill Flange Material		
304	304/304L stainless	F11	F11
<b>316</b>	<b>316/316L stainless</b>	F44	Alloy 254
310	310 stainless steel	F51	Duplex 2205
600	Inconel 600	HAC	Hastelloy C276
625	Inconel 625	HAB	Hastelloy B
800	Incoloy 800	LF2	A350 LF2
825	Incoloy 825	M40	Monel 400
8HT	Incoloy 800 HT	TI2	Titanium Grade 2
A20	Alloy 20	Other <sup>2</sup> Consult factory	
F9	F9		

T6	Specify "U" Length (inches) <sup>3</sup>
"inches"	Specify length

T7	Specify "H" Length (inches) <sup>3</sup>
2.25	2.25" standard minimum for class 150#, 300#, 600#
3.25	3.25" standard minimum for class 900#, 1500# 2500#
Other	Specify length in inches

T8	Specify "A" (Root) Diameter <sup>4</sup>
<b>1.063</b>	<b>1.063" (standard)</b>
1.125	1.125"
1.250	1.250"
1.5	1.5"
Other	Specify diameter in inches

T9	Specify "B" (Tip) Diameter
<b>0.75</b>	<b>0.75" (standard)</b>
0.625	0.625" (minimum)
Other	Specify diameter in inches

T10	Quill Opening
45	45° Angle
90	90° Angle (straight)
HD	Holes along shank <sup>5</sup>

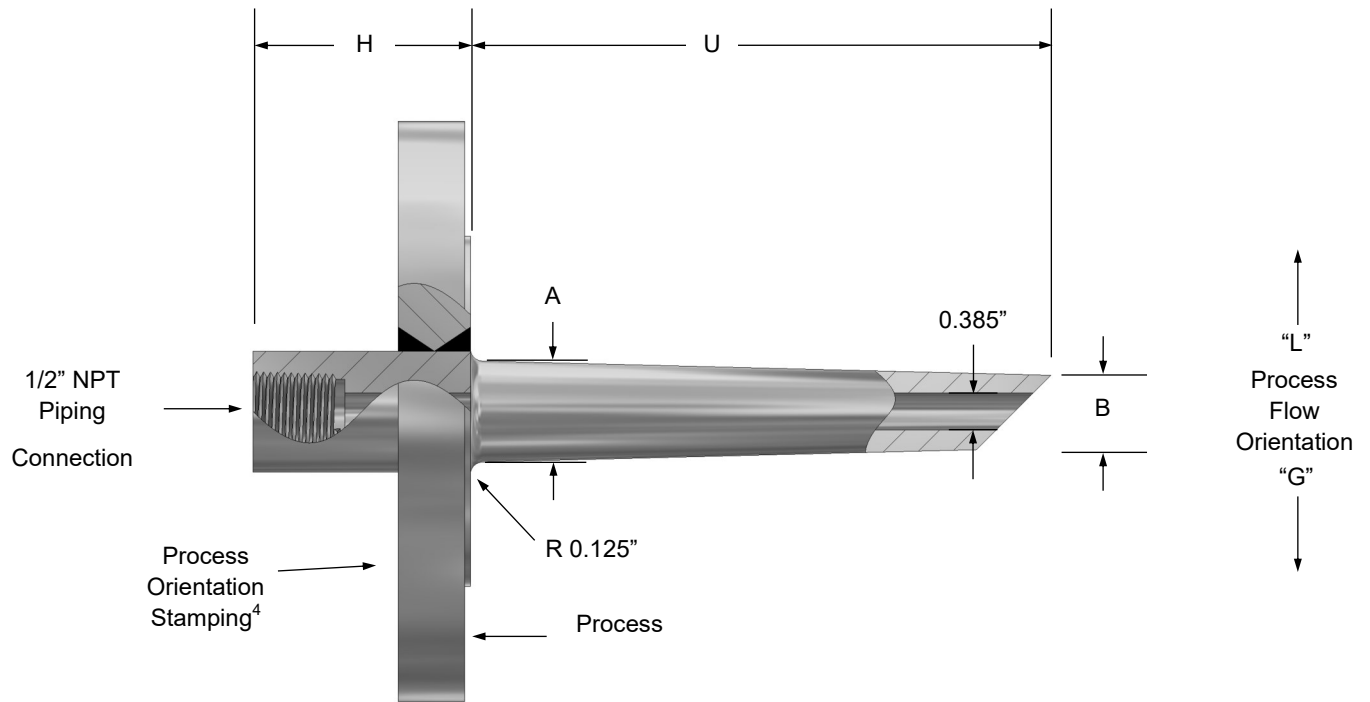
T11	Process Flow Orientation
G	Into back wall of pipe
L	Into 45° or holes along shank

### NOTES:

1. Part number example: F347-316-2"600#RF316-12-2.25-1.063-0.75-45-L
2. Canadian Registration Number (CRN) available for most common alloys, consult factory
3. Reference page 2 for part outline and dimensions
4. Maximum allowable A (root) diameter must be less than the nominal pipe OD (T2)
5. Specify number of holes, size and locations
6. Bold text indicates most common part selections



# F347 Flanged Quill Outline & Dimensions



## NOTES:

1. Bar stock to flange is a full penetration weld
2. Flange dimensions per ASME B16.5
3. Raised face (RF) flange finish 125-250 RMS
4. Quill orientation to process flow will be stamped with an arrow on flange
5. Quill opening (T8) 45° shown
6. Quill bolt orientation to be two-hole
7. "RF" raised face flange face (T4) shown above



Section: Sample & Injection Quills  
File: Quill-Flanged-Tapered-F347-3