

# F34 Tapered Flanged Thermowell Model Code

F34 - T1 - T2 T3 T4 T5 - T6 - T7 - T8 - T9

## F34 Tapered - 0.385" Bore - Flanged

### T1 Thermowell Stem Material

304	304/304L stainless	F9	F9
<b>316</b>	<b>316/316L stainless</b>	F11	F11
310	310 stainless steel	F44	Alloy 254
600	Inconel 600	F51	Duplex 2205
625	Inconel 625	HAC	Hastelloy C276
800	Incoloy 800	HAB	Hastelloy B
825	Incoloy 825	LF2	A350 LF2
8HT	Incoloy 800 HT	M40	Monel 400
A105	A105 carbon steel	Ti2	Titanium Grade 2
A20	Alloy 20	Other <sup>2</sup>	Consult factory

### T2 Process Connection Nominal Pipe OD

1"	1" NPS	1.315"
1.5"	1.5" NPS	1.900"
2"	2" NPS	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 Thermowell Flange Material

304	304/304L stainless	F9	F9
<b>316</b>	<b>316/316L stainless</b>	F11	F11
310	310 stainless steel	F44	Alloy 254
600	Inconel 600	F51	Duplex 2205
625	Inconel 625	HAC	Hastelloy C276
800	Incoloy 800	HAB	Hastelloy B
825	Incoloy 825	LF2	A350 LF2
8HT	Incoloy 800 HT	M40	Monel 400
A105	A105 carbon steel	Ti2	Titanium Grade 2
A20	Alloy 20	Other <sup>2</sup>	Consult factory

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

"inches"	Specify length in inches
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## T7 Specify "H" Head 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" minimum (standard)</b>
Other	Specify diameter in inches

## Special option codes specified as come complete with (c/w) thermowell if required

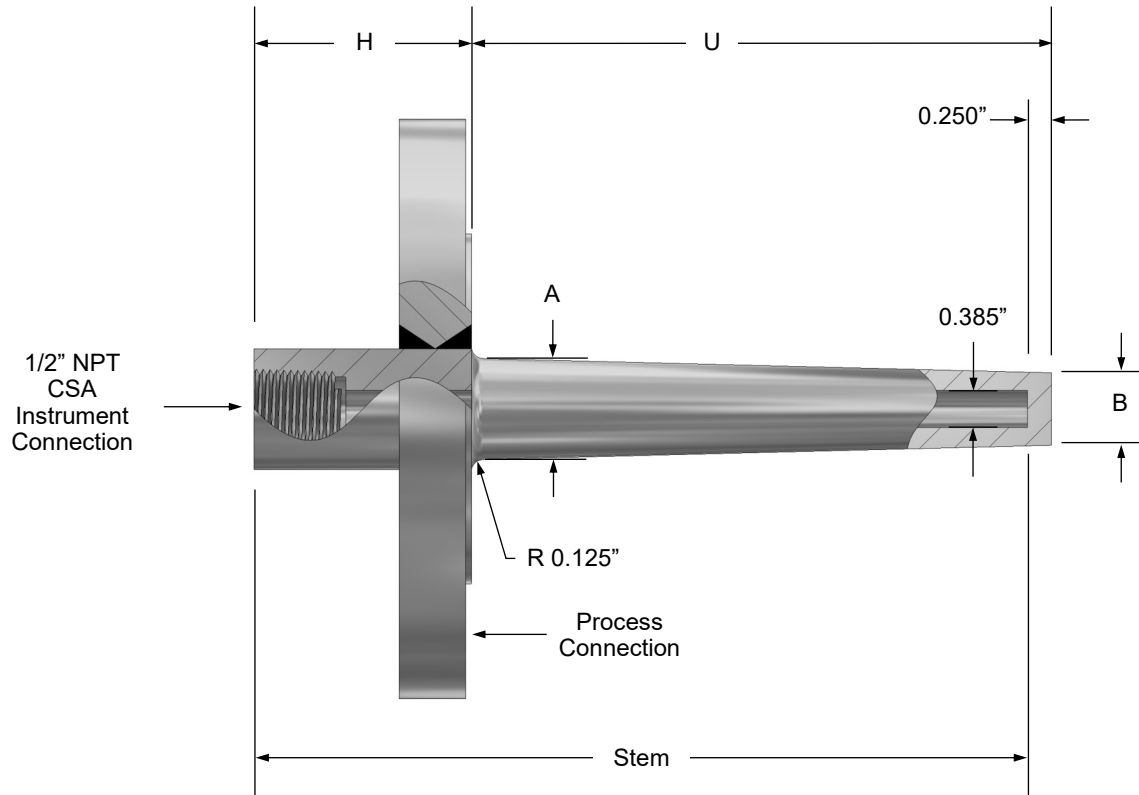
Code	Description
SSPC	Stainless steel plug and chain
BRPC	Brass plug and chain
OVRL	Overlay (details to be specified)

## NOTES:

1. Part number example: F34-316-2"600#RF316-12-2.25-1.063-0.75 or F34-625-2"2500#RF625-10-3.25-1.063-0.75 c/w SSPC
2. Canadian Registration Number (CRN) available for most common alloys, consult factory
3. Maximum allowable A (root) diameter must be less than the nominal pipe OD (T2)
4. Reference page D-35 for part outline and dimensions
5. Bold text indicates most common part selections



# F34 Flanged Thermowell 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, for other consult factory
4. "RF" raised face flange face (T4) shown above

