

ORDERING INFORMATION

Thermowells

Example Model Number	Style	Bore Diameter	Immersion Length	Root Diameter	Tip Diameter	Instrument Connection	Material	Lag Length	Options
	"U" Dim.	"Q" Dim.	"D" Dim.	"T" Dim.					
	TR2	A	045	H	C	2	B		-AT

Written as: TR2A045HC2B-AT

(continued on next page)

Style					
Mounting Style	Code	Shank Style	Code	Process Connection	Code
Threaded	T	Stepped	R	Threaded	
Flanged-RF	F	Straight	S	1/2" NPT	1
Flanged-RTJ	J	Tapered	H	3/4" NPT	2
Flanged-FF	N			1" NPT	3
Socket Weld	S			1-1/4" NPT	4
Weld-In	W			1-1/2" NPT	5
Van Stone	V			Flanged	
Sanitary	C			1" Class 150	3A
				1-1/2" Class 150	5A
				2" Class 150	6A
				1" Class 300	3B
				1-1/2" Class 300	5B
				2" Class 300	6B
				1" Class 600	3C
				1-1/2" Class 600	5C
				2" Class 600	6C
				1" Class 900/1500	3D
				1-1/2" Class 900/1500	5D
				2" Class 900/1500	6D
				1" Class 2500	3E
				1-1/2" Class 2500	5E
				2" Class 2500	6E
Socket Weld and Weld-In					
				3/4" Pipe (1.050 OD)	2
				1" Pipe (1.315 OD)	3
				1-1/4" Pipe (1.660 OD)	4
				1-1/2" Pipe (1.900 OD)	9
				1-1/2" Actual (1.500 OD)	5
Van Stone					
				1"	3
				1-1/2"	5
				2"	6
Sanitary					
				1-1/2" Tri-Clamp	5
				2" Tri-Clamp	6
				2-1/2" Tri-Clamp	7
				3" Tri-Clamp	8
Other					
				(Please Specify)	X

Bore Diameter	
(inches)	Code
0.260	A
0.385	B
0.187	C
0.190	D
0.203	E
0.250	F
0.281	G
0.290	H
0.343	J
0.375	K
0.406	L
0.437	M
0.515	N
0.640	P
0.656	R
0.702	S
0.718	T
Other (Please specify)	X

Immersion Length	
(inches)	Code
1.625	016
2.0	020
2.5	025
etc...	
10.0	100
10.5	105
11.0	110
11.5	115
etc...	
98.0	980
98.5	985
99.0	990
99.5	995
Other	XXX

Thermowell drawings on pages 10 thru 14.

(continued from previous page)

For straight shank wells, leave blank

Root Diameter	
(inches)	Code
0.375	A
0.400	B
0.500	C
0.562	D
0.625	E
0.680	F
0.735	G
0.750	H
0.766	J
0.781	K
0.860	L
0.875	M
0.900	N
1.000	P
1.050	Q
1.063	R
1.125	S
1.250	T
1.315	U
1.375	V
1.500	W
1.625	Y
1.900	Z
Other (Please specify)	X

Tip Diameter	
(inches)	Code
0.375	A
0.400	B
0.500	C
0.562	D
0.625	E
0.680	F
0.735	G
0.750	H
0.766	J
0.781	K
0.860	L
0.875	M
0.900	N
1.000	P
1.050	Q
1.063	R
1.125	S
1.250	T
1.315	U
1.375	V
1.500	W
1.625	Y
1.900	Z
Other (Please specify)	X

Instrument Connection	
Type	Code
1/2" NPT	1
1/2" NPSM	2
1/4" NPT	3
1/4" NPSM	4
3/4" NPT	5
3/4" NPSM	6
1" NPT	7
1" NPSM	8
Other (Please specify)	X

Material	
Type	Code
304 SST	A
316 SST	B
Brass	C
310 SST	D
321 SST	E
347 SST	F
446 SST	G
Duplex 2205	H
CS-1018	J
CS-A105	K
Hastelloy B	L
Hastelloy C276	M
Alloy 20	N
Nickel 200	P
Monel 400	Q
Inconel 600	R
Incoloy 800	S
F5	T
F9	U
F11	V
F22	W
F91	Y
Titanium	Z
Other (Please Specify)	X

Lag Length	
(inches)	Code
0.0	
0.5	05
1.0	10
1.5	15
2.0	20
2.5	25
3.0	30
3.5	35
4.0	40
4.5	45
5.0	50
5.5	55
6.0	60
6.5	65
7.0	70
7.5	75
8.0	80
8.5	85
9.0	90
9.5	95
Other	XX

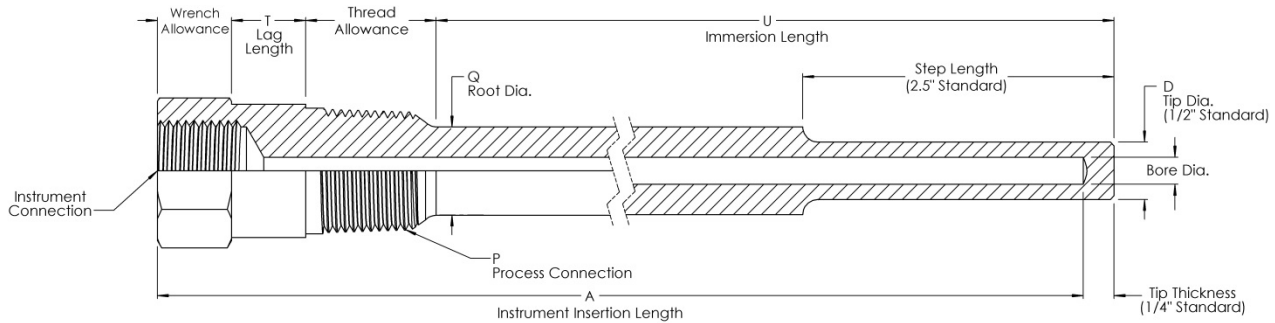
Options			
Option	Code	Option	Code
Stainless Plug and Chain	A	Electropolishing	G
Brass Plug and Chain	B	Teflon Coating	N
Special Markings / Tagging	T	Stellite Coating	K
Wake Frequency Calculation	C	Tantalum Sheath	S
Full Penetration Flange Weldment	F	Velocity Collar	V
Dye Penetrant Testing	D	Include Lap-Joint Flange (Van Stone)	L
Internal Hydro-testing	I	Special Cleaning for Oxygen Service	Y
External Hydro-testing	E	Tantalum Coating	J
Positive Material ID (PMI) Testing	P	Titanium Sheath	Z
X-ray of Weldment	R	Other (Please Specify)	X

Documents available on request:

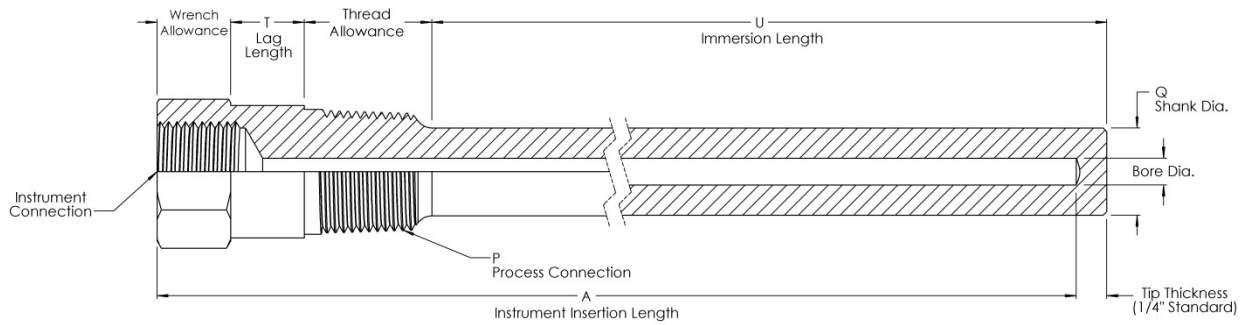
- MTR (Material Test Report)
- COC (Certificate of Compliance)
- COC-NACE (Certificate of NACE Compliance)
- COO (Certificate of Origin)

Threaded

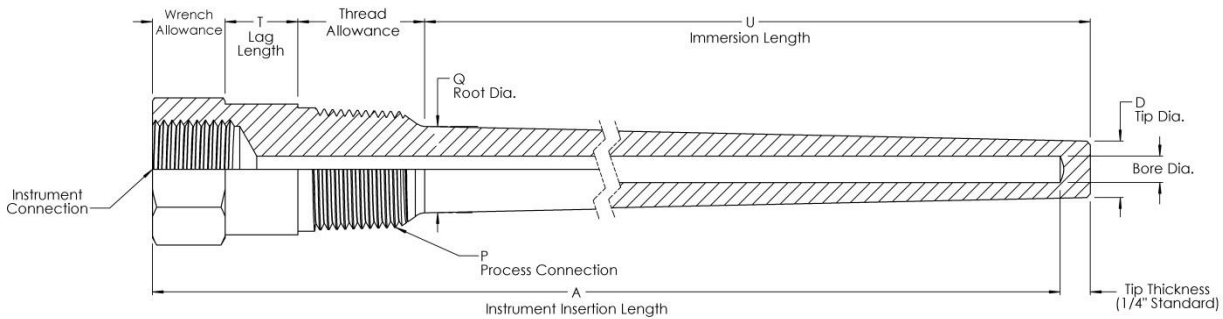
Stepped



Straight

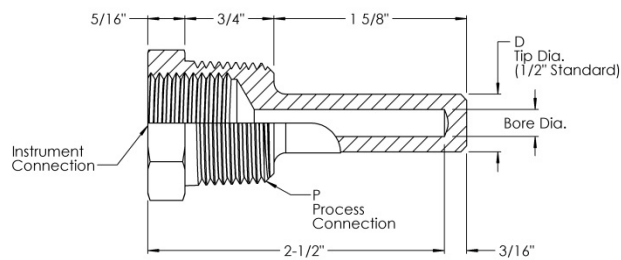


Tapered

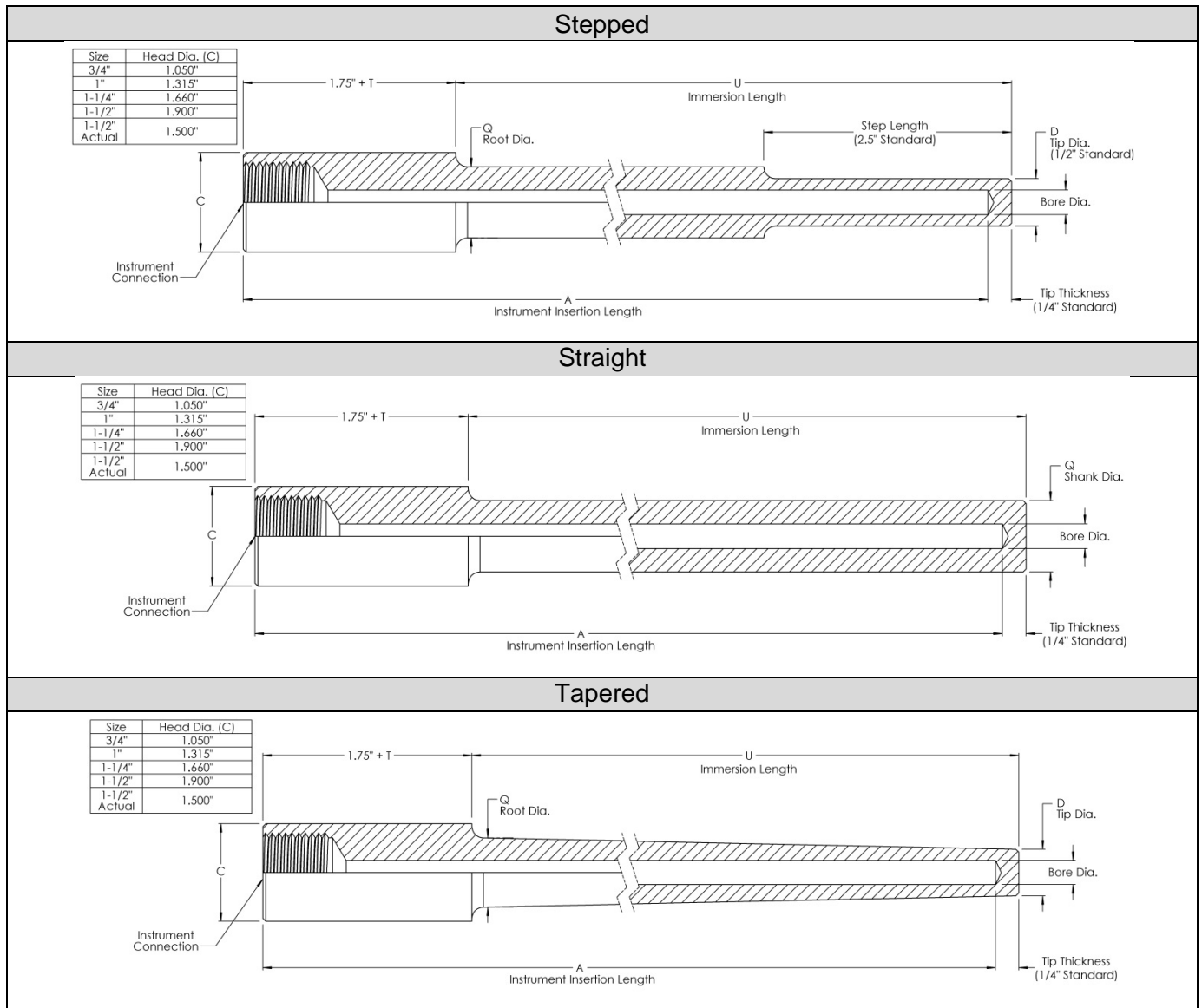


* Standard head length (Wrench Allowance + Thread Allowance) = 1.75"

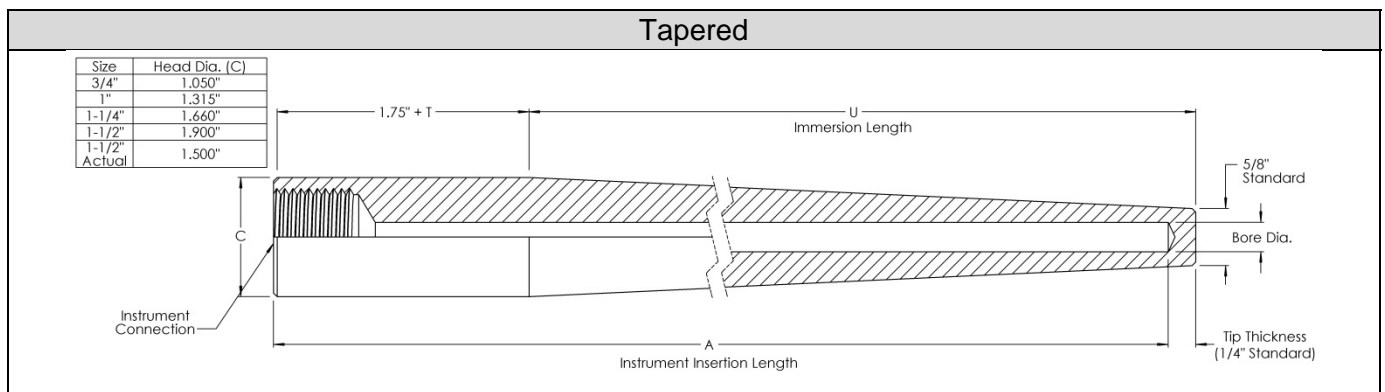
Limited Space



Socket Weld

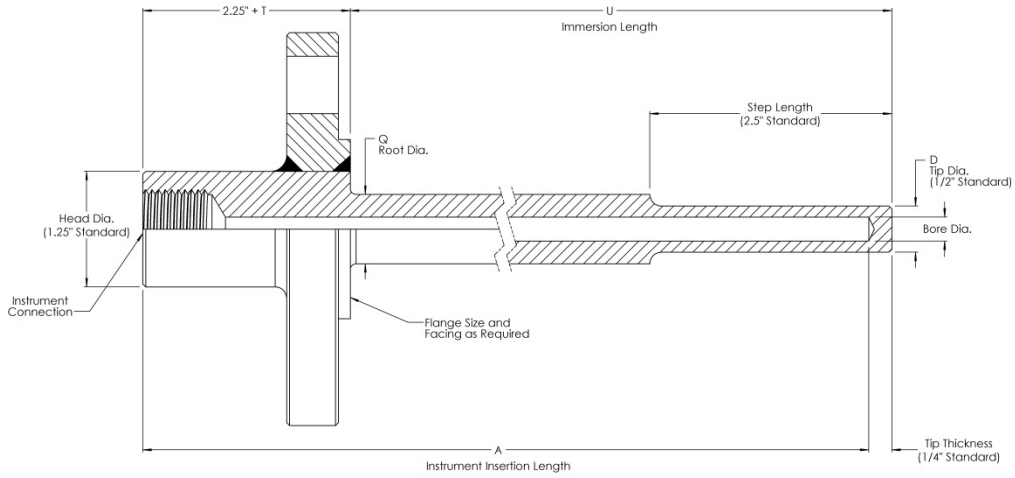


Weld-In

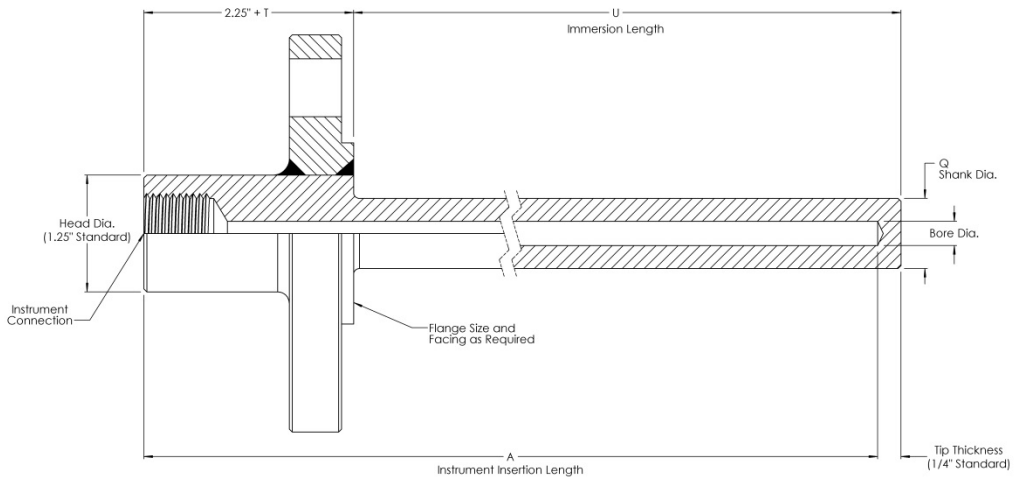


Flanged

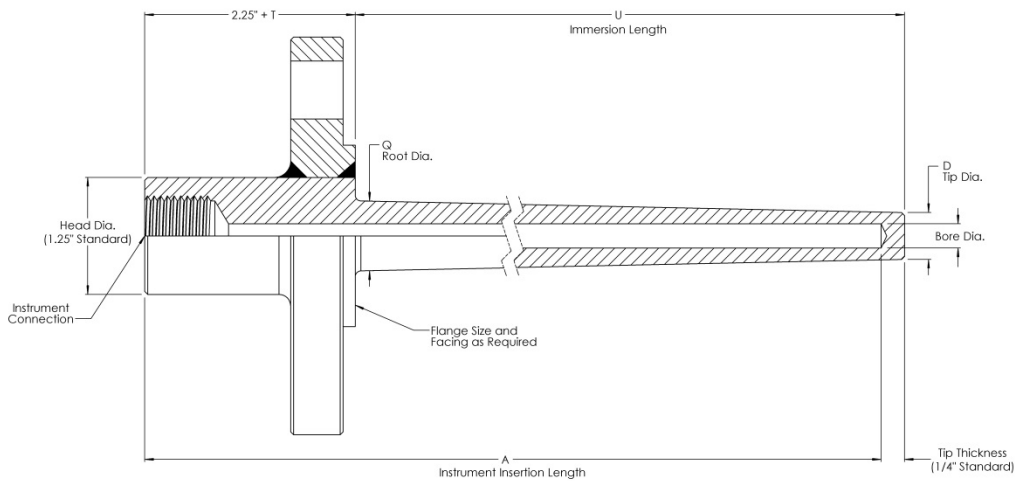
Stepped



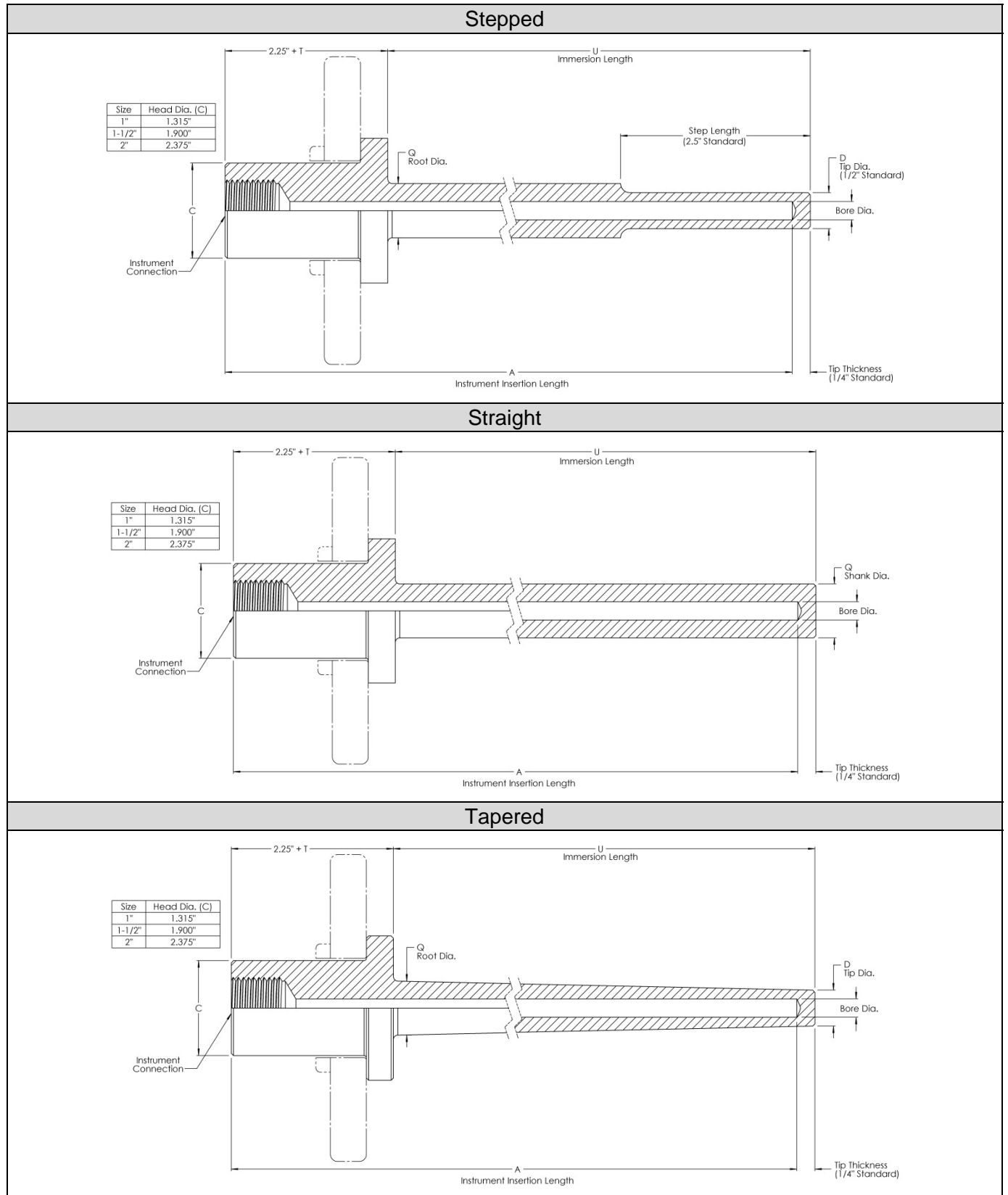
Straight



Tapered

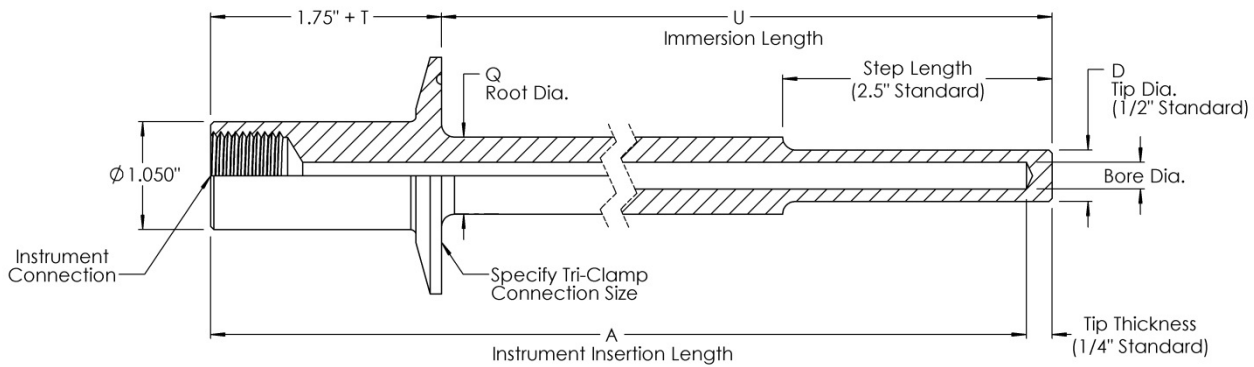


Van Stone

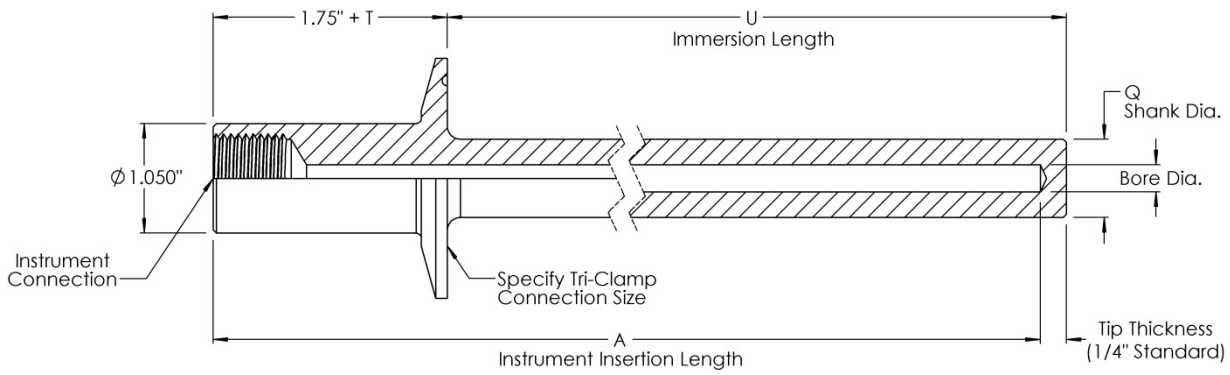


Sanitary

Stepped



Straight



Tapered

