

AQ03 Pipe Quill Model Code

AQ03 - T1 - T2 T3 - T4 T5 - T6 - T7 - T8 - T9 - T10

AQ03 Pipe Quill - RF Slip-On by Weld Neck Flange

T1	Quill Pipe Size NPS	Pipe OD	Pipe ID
AA	1/2" SCH 80	0.840"	0.546"
BA	3/4" SCH 80	1.050"	0.742"
CA	1" SCH 80	1.315"	0.957"
DA	1-1/4" SCH 80	1.660"	1.469"
EA	1-1/2" SCH 80	1.900"	1.500"
FA	2" SCH 80	2.375"	1.939"
GA	3" SCH 80	3.500"	2.900"
HA	4" SCH 80	4.500"	3.826"
AB	1/2" SCH 160	0.840"	0.446"
BB	3/4" SCH 160	1.050"	0.614"
CB	1" SCH 160	1.315"	0.815"
DB	1-1/4" SCH 160	1.660"	1.160"
EB	1-1/2" SCH 160	1.900"	1.338"
FB	2" SCH 160	2.375"	1.687"
GB	3" SCH 160	3.500"	2.626"
HB	4" SCH 160	4.500"	3.438"

T2	Piping Connection Flange Size ² NPS
1/2"	1/2" NPS
3/4"	3/4" NPS
1"	1" NPS
1.25"	1-1/4" NPS
1.5"	1-1/2" NPS
2"	2" NPS
3"	3" NPS
4"	4" NPS

T3	Piping Connection Flange Class per ASME B16.5
150#RF	Class 150 raised face flange
300#RF	Class 300 raised face flange
600#RF	Class 600 raised face flange
900#RF	Class 900 raised face flange
1500#RF	Class 1500 raised face flange

T4	Process Connection Flange Size ² NPS
1/2"	1/2" NPS
3/4"	3/4" NPS
1"	1" NPS
1.25"	1-1/4" NPS
1.5"	1-1/2" NPS
2"	2" NPS
3"	3" NPS
4"	4" NPS

T5	Process Connection Flange Class ASME B16.5
150#RF	Class 150 raised face flange
300#RF	Class 300 raised face flange
600#RF	Class 600 raised face flange
900#RF	Class 900 raised face flange
1500#RF	Class 1500 raised face flange

T6	Quill Material
316	316/316L stainless LF2 A350 LF2
A105	A105 carbon steel
HAC	Hastelloy C276
	Other ³ Consult factory

T7	Quill "U" Length (inches) ⁴
"inches"	Specify length in inches

T8	Quill "A" Length (inches) ⁴
"inches"	Specify length in inches (minimum 3")

T9	Quill Opening
45	45° Angle
90	90° Angle (straight)
HD	Holes along pipe ⁵

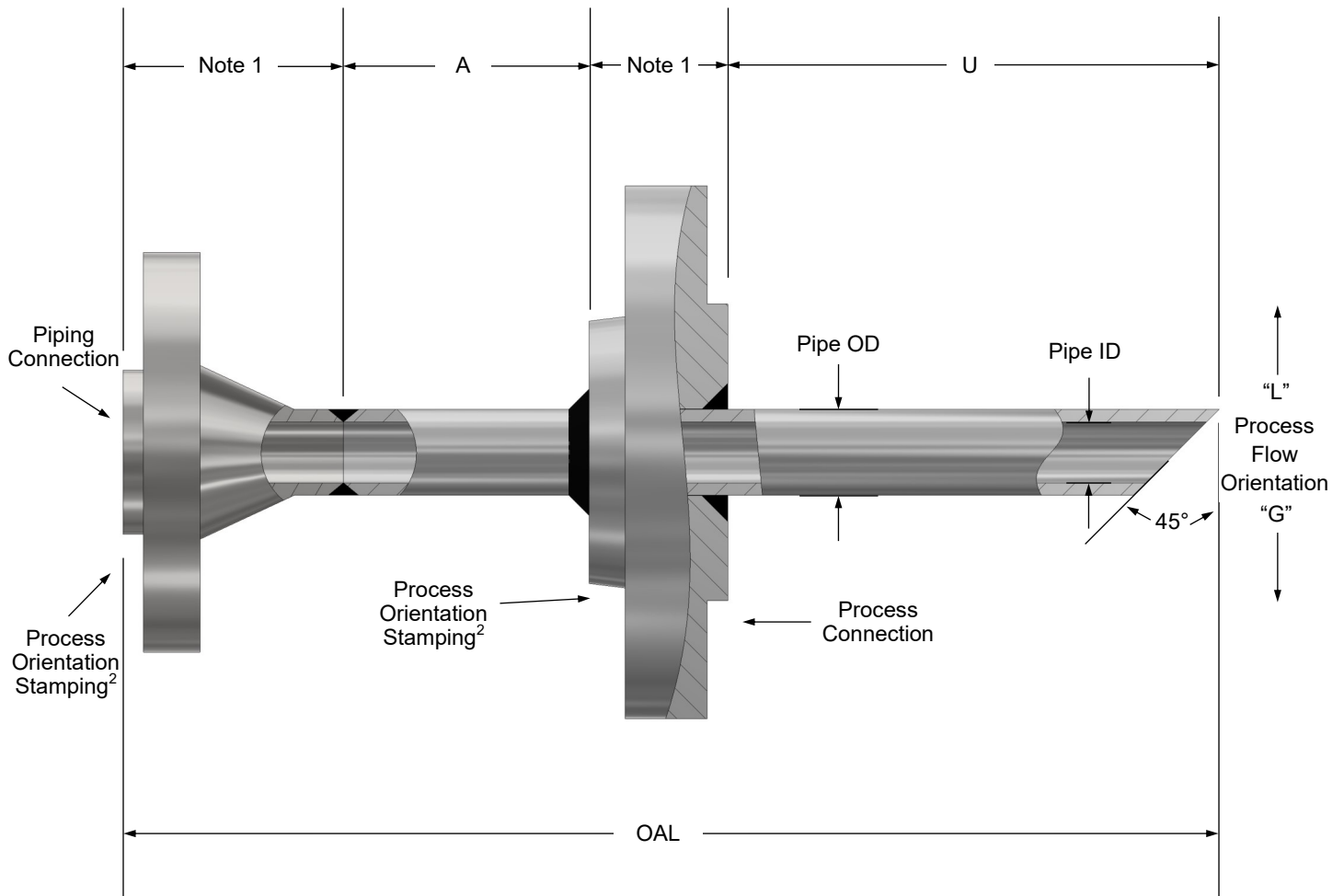
T10	Process Flow Orientation
G	Into back wall of pipe
L	Into 45° or holes along pipe

NOTES:

1. Part number example: AQ03-BA-2"300RF-2"600#RF-316-12-4-45-L
2. Flange size can not be smaller than (T1) Quill Pipe Size NPS
3. Canadian Registration Number (CRN) available for some common alloys, consult factory
4. Reference page H-27 for part outline and dimensions
5. Specify number of holes, size and locations
6. Bold text indicates most common part selections



AQ03 Pipe Quill Outline & Dimensions



NOTES:

1. Flange dimensions per ASME B16.5
2. Quill orientation to process flow will be stamped with an arrow on each flange face
3. Quill opening (T7) 45° shown