AQ03 Pipe Quill Model Code

AQ03	-	T1	T2	-	T3	T4	-	T5	T6	-	T7	-	T8	-	T9	-	T10	-	T11

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

T1	Pipe Size NPS[2]	Pipe OD
0.5	**NPS 1/2**	**0.840”**
0.75	NPS 3/4	1.050”
1	NPS 1	1.315”
1.5	NPS 1-1/2	1.900”
2	NPS 2	2.375”
Other	Consult factory	

T2	Pipe Schedule / Wall Designation
S40	Schedule 40
S80	**Schedule 80**
S160	Schedule 160
XXS	Wall designation XXS
Other	Consult factory

T3	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

T4	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

T5	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

T6	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

T7	Quill Material	
316	316/316L stainless	Other[3] Consult factory
HAC	Hastelloy C276	
LF2	A350 LF2	

T8	Quill “U” Length (inches)[4]
“inches”	Specify length in inches

T9	Quill “A” Length (inches)[5]
“inches”	Specify face-to-face length (see min. gap required)

T10	Quill Opening
45	45° Angle
90	90° Angle (straight)
Other	Consult factory

T11	Process Flow Orientation
G	Into back wall of pipe
L	Into 45
X	Flow direction not specified
Other	Consult factory (holes available upon request)

NOTES:

1. Part number example: AQ03-0.5S80-2”300RF-2”600#RF-316-12-4-45-L.
2. Flange sizes (T3 and T5) can not be smaller than (T1) Pipe Size NPS.
3. Canadian Registration Number (CRN) available for common alloys, consult factory.
4. Reference page 2 for part outline and dimensions.
5. Extension “A” length must accommodate a minimum 2” flange gap plus flange thicknesses. See page 2.
6. Bold text indicates most common part selections.

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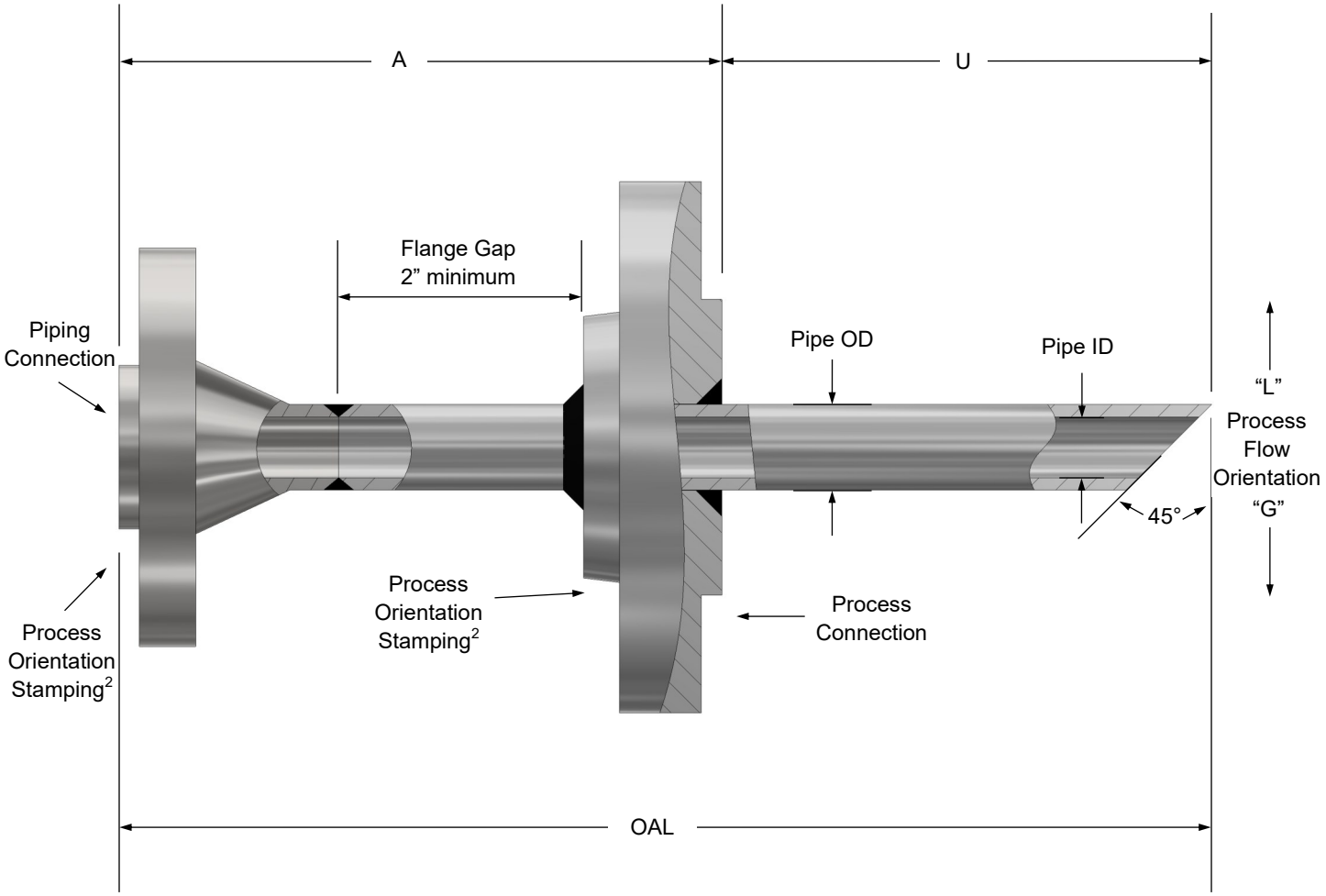
AQ03 Pipe Quill Outline & Dimensions



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 bolt orientation to be two-hole.
4. Quill opening (T10) 45° shown .

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