

AQ01 Pipe Quill Model Code

AQ01 - T1 - T2 - T3 - T4 T5 - T6 - T7 - T8 - T9

AQ01 Pipe Quill - RF Slip-On Flange by Coupling

| 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" |
| 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" |
| Other | Consult factory | | |

| T2 | Piping Connection |
|----|---------------------------------|
| SW | Socket weld - size per NPS (T1) |
| TH | Threaded - size per NPT (T1) |

| T3 | 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 |

| T4 | 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 |

| T5 | Quill Material |
|------|------------------------------------|
| 316 | 316/316L stainless |
| A105 | A105 carbon steel |
| HAC | Hastelloy C276 |
| | Other ³ Consult factory |

| T6 | Specify Quill "U" Dimension (inches) ⁴ |
|----------|---|
| "inches" | Specify length in inches |

| T7 | Specify Quill "A" Dimension (inches) ⁴ |
|----------|---|
| "inches" | Specify length in inches (minimum 3") |

| T8 | Quill Opening |
|----|-------------------------------|
| 45 | 45° Angle |
| 90 | 90° Angle (straight) |
| HD | Holes along pipe ⁵ |

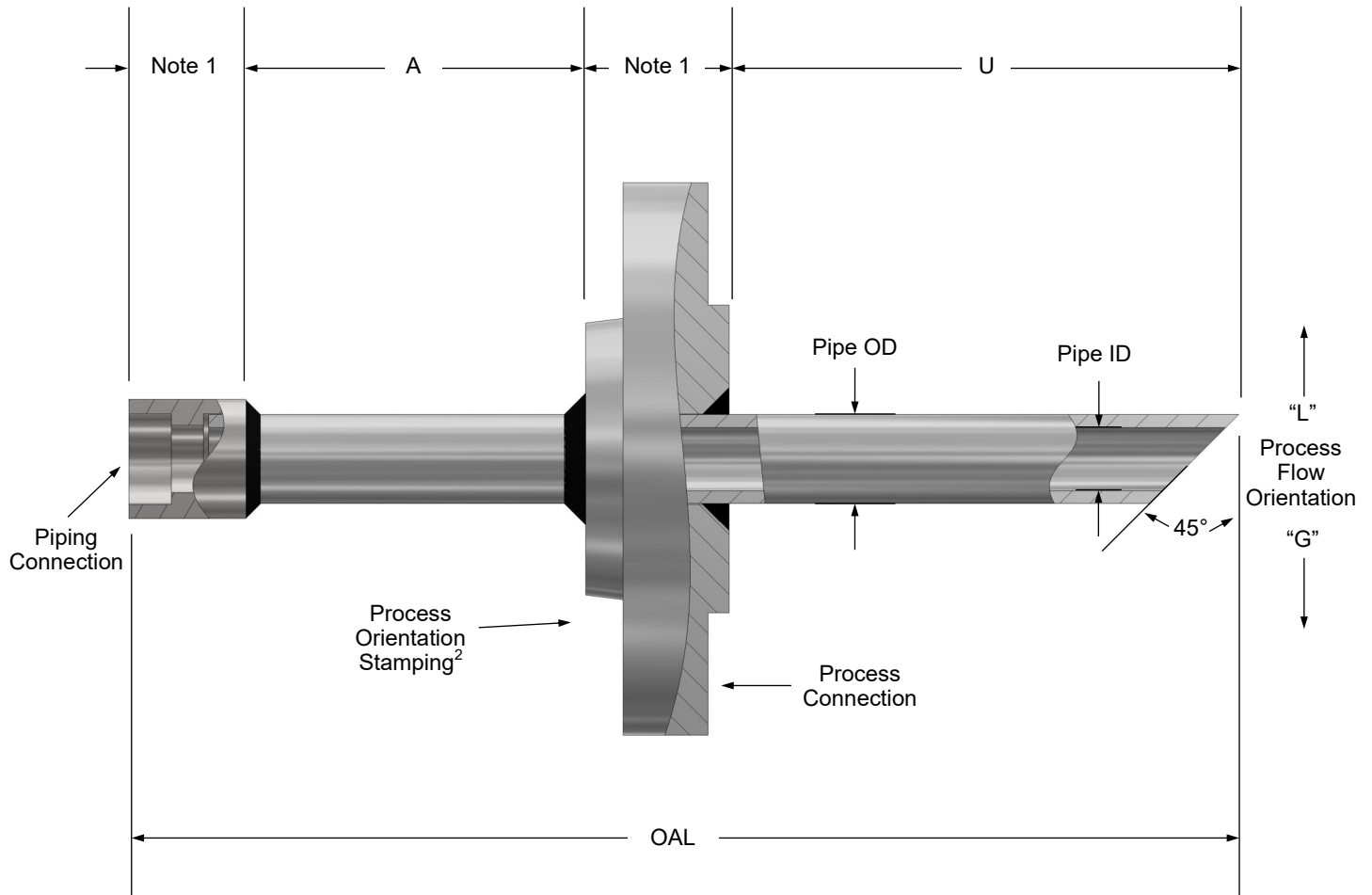
| T9 | Process Flow Orientation |
|----|------------------------------|
| G | Into back wall of pipe |
| L | Into 45° or holes along pipe |

NOTES:

1. Part number example: AQ01-BA-SW-2"300#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-23 for part outline and dimensions
5. Specify number of holes, size and locations
6. Bold text indicates most common part selections



AQ01 Pipe Quill Outline & Dimensions



NOTES:

1. Flange dimensions per ASME B16.5, coupling dimensions per ASME B16.11
2. Quill orientation to process flow will be stamped with an arrow on flange face
3. Quill opening (T8) 45° shown