AQ78 Threaded Sample Quill

Model Code

AQ78 - T1 - T2 - T3

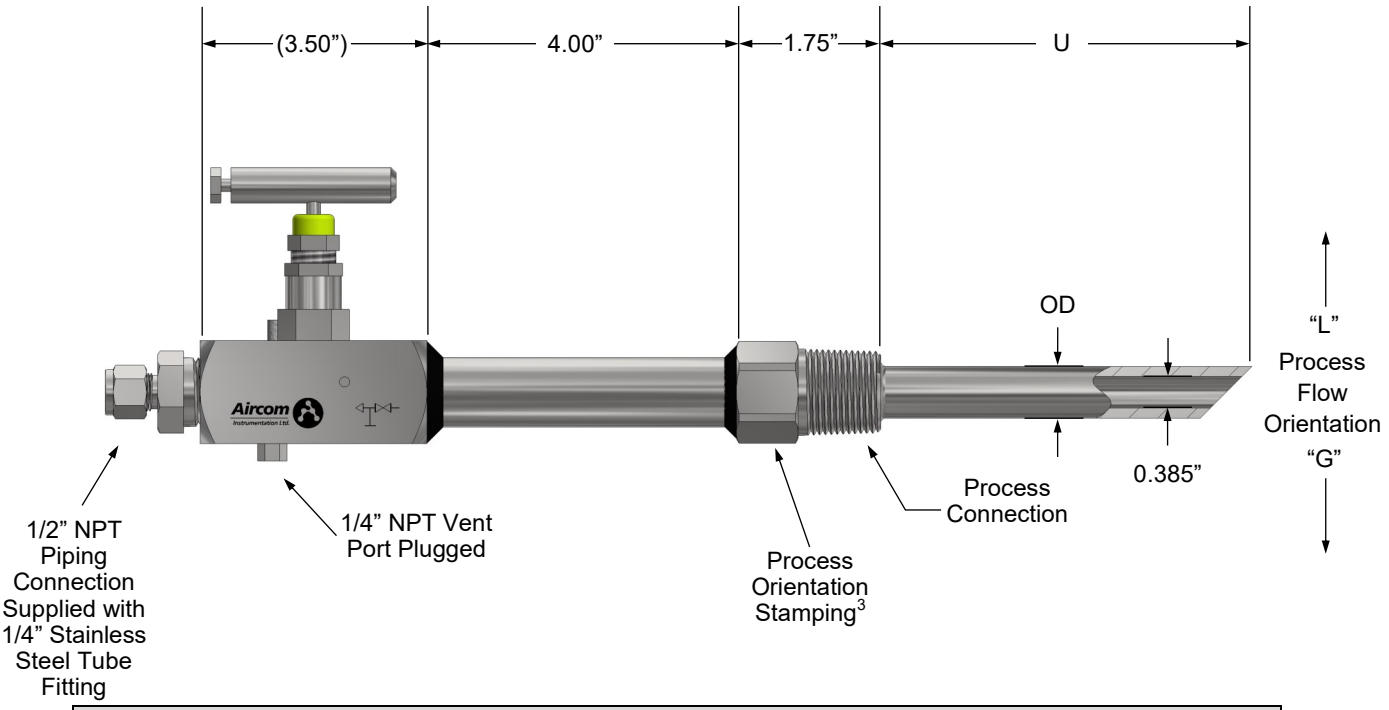
AQ78	Sample Quill - 0.385” Bore - Threaded to Process
Needle Valve /w Threaded Vent Port - 316/316L	

T1	Process Connection Thread Size	Shank OD
12	1/2” NPT	0.500”
34	3/4” NPT	0.750”
10	1” NPT	0.750”

T2	Specify “U” Length (inches)
“inches”	Specify length in inches

T3	Process Flow Orientation
G	Into back wall of shank
L	Into 45°

Outline & Dimensions



Needle Valve with vent Specifications	
Valve configuration	Needle (isolation)
Piping connection	1/2” NPT(F)
Seat diameter	5mm
Vent port	1/2” NPT(F) port (plugged)
Wetted material & body	316/316L Stainless Steel
Packing material	Graphoil (-57°C to 530°C) **Packing Material Only**
Pressure / temperature rating	6,000 psig @ -20°F to +100°F (-29°C to +38°C) / 1015 psi @ 400°F (204°C)
Valve design	B16.34
Valve manufacturer	Mac-Weld Machining Ltd.

NOTES:

1. Part number example: AQ78-12-6-G
2. Quill, nipple and valve material is 316/316L stainless steel
3. Quill orientation to process flow will be stamped with an arrow on hex side
4. Consult factory for Canadian Registration Number (CRN) information.

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