

Technical drawing of a 1/2" 304 stainless steel probe. The drawing shows a cross-section of the probe with various dimensions and callouts. The dimensions are as follows:

- STEM LENGTH "L"
- INSTRUMENT CONNECTION
- PROCESS CONNECTION "P"
- ROOT $\varnothing$.50in (STANDARD)
- TIP $\varnothing$.50 in (STANDARD)
- BORE $\varnothing$
- .1875 in (STANDARD)
- HEAD LENGTH
- INSERTION LENGTH "U"
- .3125 in

The callouts are numbered 1 through 9:

- 1: HEAD LENGTH
- 2: BORE $\varnothing$
- 3: PROCESS CONNECTION "P"
- 4: HEAD LENGTH
- 5: INSTRUMENT CONNECTION
- 6: INSERTION LENGTH "U"
- 7: HEAD LENGTH
- 8: ROOT $\varnothing$.50in (STANDARD)
- 9: TIP $\varnothing$.50 in (STANDARD)

Please note: Various configurations may not be available. Mac-Weld will notify you if you have selected a incompatible part combination.

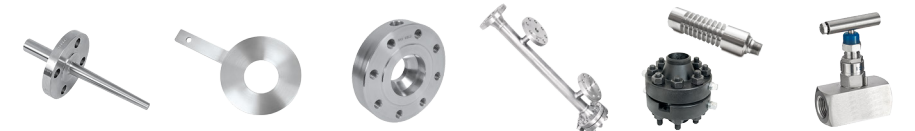
6	Insert Length	
	Code	Description
	xxxxxx	Imperial: 6.500" = 06500 Metric: 165.1 mm = 01651
	*U length => 100.000" or 10,000.0mm see sales person for custom part number	
7	Head Length	
	Code	Description
	xxxxxx	Imperial: 2.25" = 02250 Metric: 57.2 mm = 00572
8	Root Diameter	
	Code	Description
	xxxxx	Imperial: 0.875" = 0875 Metric: 22.2 mm = 0222
9	Tip Diameter	
	Code	Description
	xxxxx	Imperial: 0.500" = 0500 Metric: 12.7 mm = 0127
10	Measurement	
	Code	Description
	I	Imperial
	M	Metric

Custom sizes, connections and materials may not be listed, contact Mac-Weld today to find out more.



- Brass Plug & Chain
- Stainless Plug & Chain
- Teflon Coating
- Stellite Overlay
- Kynar Coating
- Dye Penetrant Test
- Dye Penetrant Cap
- Dye Penetrant Root (Optional)
- Internal Hydrostatic Testing
- External Hydrostatic Testing
- Material Test Report (MTR)
- Nace MR0175
- PMI
- Tantalum Sheath (Flanged Only)
- Velocity Calculation per PTC 19.3 TW-2010
- X-Ray
- O2 Cleaning
- Post Weld Heat Treatment
- UT bore concentricity
- UT phased array
- CofC (Certificate of compliance)
- COO (certificate of origin)
- Traceability Index
- ITP (Inspection Test Plan)
- Stamping
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 1324 Lougar Ave Sarnia, ON N7S 5N7
 1-877-MAC-WELD (622-9353)
 sales@mac-weld.com
 www.mac-weld.com

