

Conax Buffalo offers protection tubes in a variety of types and materials. Protection tubes are intended for use in applications where the tube will not be exposed to high pressure or fluid velocities. Pipewells, made from Schedule 40, 80 or 160 pipe, are the most commonly used form of protection tube. Mounting is generally achieved through a flange or threaded bushing welded to the pipe.

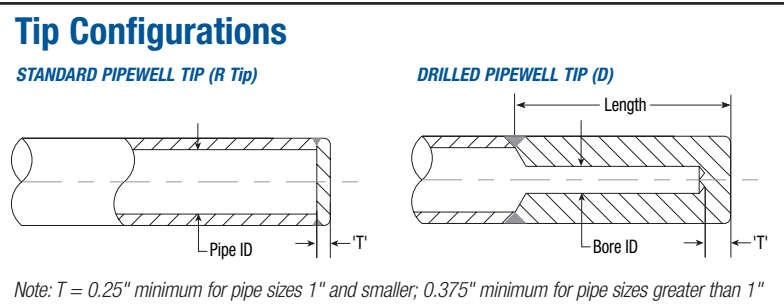
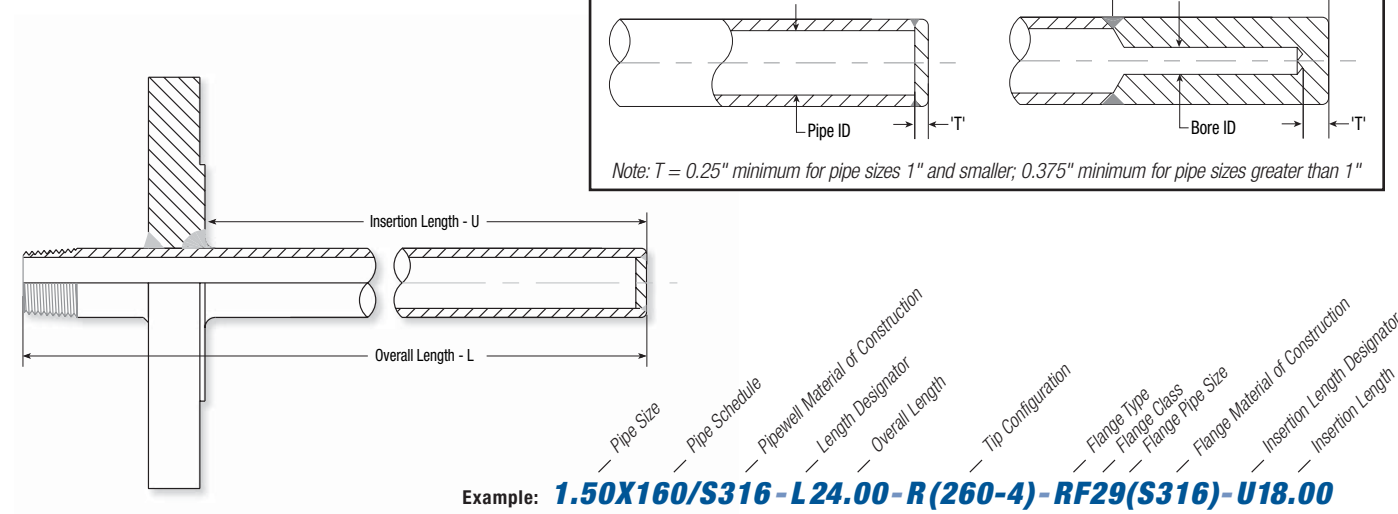
Pipewell Catalog Description

The following format is used when ordering pipewells. When ordering a pipewell by itself, the initials "PW" precede the description. When ordering a pipewell as part of an assembly, the pipewell description immediately follows the mounting style designation, replacing the sensor active length.

Pipewell: *PW, .50X40/S316-L24.00-R*

Assembly: *E-SS25-U-T5AL(CSLWC)-.50X40/S316-L24.00-R*

Pipewell with Mounting Flange



Example: **1.50X160/S316-L24.00-R(260-4)-RF29(S316)-U18.00**

Pipe Size	Pipe Schedule	Pipewell Material of Construction	Length Designator	Overall Length in Inches	Tip Config.	Flange Type	Flange Class	Flange Pipe Size	Flange Material of Construction	Ins. Length Designator	Insertion Length in Inches
.50 = .840" OD	40	S304 – Stainless Steel	L	.00	R = Round*	1 = 150 lb.	4 = .50"		S304 – Stainless Steel	U	.00
.75 = 1.050" OD	80	S316 – 316 Stainless Steel			D = Drilled Bar Stock	2 = 300 lb.	5 = .75"		S316 – 316 Stainless Steel		
1.00 = 1.315" OD	160	CS – Carbon Steel					6 = 1.00"		CS – Carbon Steel		
1.50 = 1.900" OD							8 = 1.50"				
2.00 = 2.375" OD							9 = 2.00"				
							16 = 8.00"				

Note: Other materials are available. Consult factory for details.

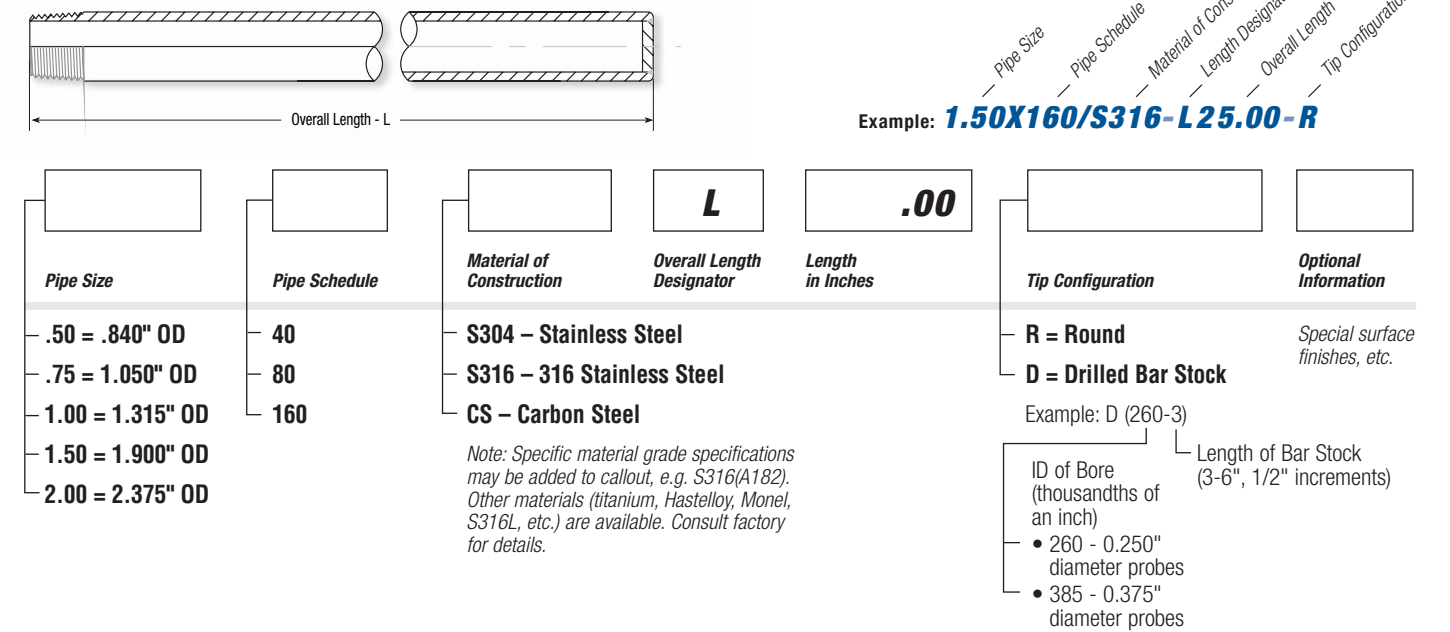
Example: D (260-3)
 ID of Bore (thousandths of an inch)
 • 260 - 0.250" diameter probes
 • 385 - 0.375" diameter probes

Length of Bar Stock (3-6", 1/2" increments)

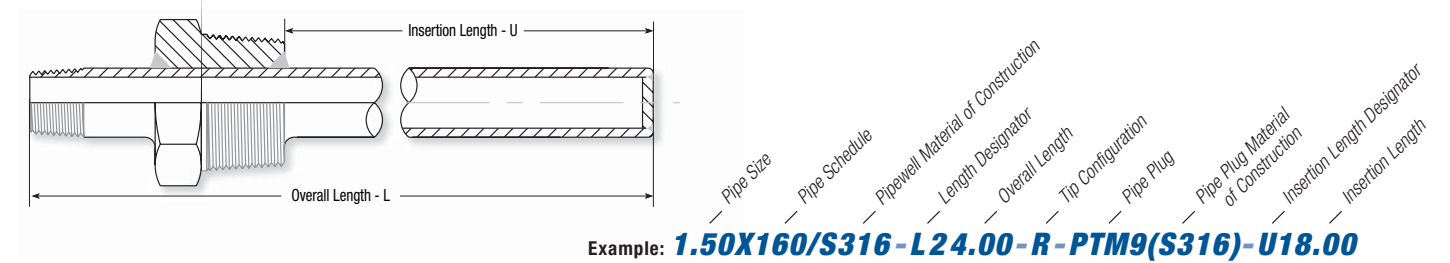
*Full radius tip configuration may be substituted.

Note: Specific material grade specifications may be added to callout, e.g. S316(A182). Other materials (titanium, Hastelloy, Monel, S316L, etc.) are available. Consult factory for details.

Pipewell Only



Pipewell with Mounting Plug



Pipe Size	Pipe Schedule	Material of Construction	Length Designator	Overall Length (in.)	Tip Configuration	Drilled Pipe Plug	Pipe Plug Material of Construction	Ins. Length Designator	Insertion Length (in.)
.50 = .840" OD	40	S304 – Stainless Steel	L	.00	R = Round	PTM4 = 1/2 NPT	S304 – Stainless Steel	U	.00
.75 = 1.050" OD	80	S316 – 316 Stainless Steel			D = Drilled Bar Stock	PTM5 = 3/4 NPT	S316 – 316 Stainless Steel		
1.00 = 1.315" OD	160	CS – Carbon Steel				PTM6 = 1 NPT	CS – Carbon Steel		
1.50 = 1.900" OD						PTM8 = 1-1/2 NPT			
2.00 = 2.375" OD						PTM9 = 2 NPT			
						PTM10 = 2-1/2 NPT			

Note: Other materials are available. Consult factory for details.

Example: D (260-3)
 ID of Bore (thousandths of an inch)
 • 260 - 0.250" diameter probes
 • 385 - 0.375" diameter probes

Length of Bar Stock (3-6", 1/2" increments)

Location of pipe plug on pipe

Note: Specific material grade specifications may be added to callout, e.g. S316(A182). Other materials (titanium, Hastelloy, Monel, S316L, etc.) are available. Consult factory for details.

