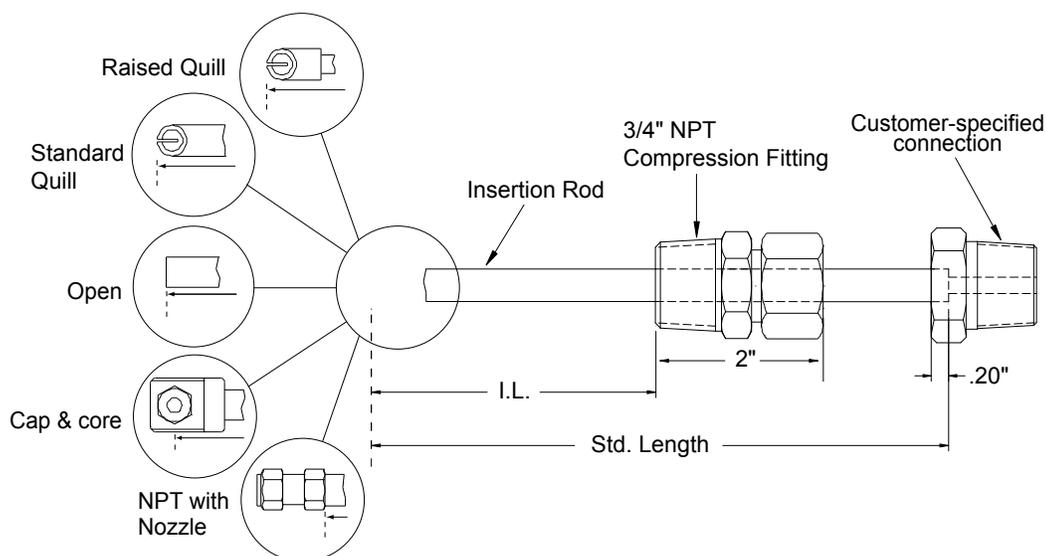


# Model IP3000

## Injection & Sampling System Adjustable Length with NPT Pipe Plug



**Model IP3000** is an adjustable, 3/4" NPT pipe plug mounted injection & sampling system commonly used in field and plant applications. The adjustable pipe plug allows the injection/sampling system to be inserted into the process to the required length. Process shutdown or process isolation and a threaded pipe fitting is required for installation and inspection. The unit assembly consists of an insertion rod, a compression fitting, and an injection/sampling tip. The injection tip, which is threaded, welded, or machined to the end of the rod, can be either a quill, open, cap & core, or nozzle assembly type. For standard injection systems, the maximum insertion length is given in the chart below. The standard adjustable pipe plug for the IP3000 is the 3/4" NPT compression fitting, although other options are available.

### Specifications:

**Body** - 316 Stainless Steel

**Temperature Rating** - 850°F / 454°C

**Pressure Rating** - 1500 PSI / 102 Bar

**Mounting** - 3/4" NPT Pipe Plug

Std. Length	I.L. (max)
6"	3.8"
8"	5.8"
12"	9.8"
18"	15.8"
24"	21.8"



### Metal Samples Company

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## IP3000 Ordering Information

Model								
IP3	Injection & Sampling System Adjustable Length with NPT Connection							
	<b>Pipe Plug Size</b>							
	2	3/4" NPT Pipe Plug						
	3	1" NPT Pipe Plug						
	<b>Insertion Rod Material</b>							
	2	316						
	4	C276						
	<b>Mounting Material (Plug)</b>							
	2	316						
	4	C276						
	<b>Injection Tip Options</b>							
	01	Quill (Straight)						
	02	Quill (Raised)						
	03	Open						
	04	1/4" NPT (Female) with Nozzle*						
	06	1/4" NPT (Male) with Nozzle*						
	<b>Tube Size</b>							
	01	3/8"						
	02	1/2"						
	03	5/8"						
	<b>Length</b>							
	06	3.8 inches max. insertion length						
	08	5.8 inches max. insertion length						
	12	9.8 inches max. insertion length						
	18	15.8 inches max. insertion length						
	24	21.8 inches max. insertion length						
	<b>Dry End Mount Options</b>							
	01	Blanked off						
	02	1.2" NPT						
	03	3/4" NPT						
	04	1" NPT						
	14	1/2" FNPT						
<b>IP3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>02</b>	<b>03</b>	<b>12</b>	<b>02</b>	<b>Example of Probe Ordering #</b>

For alloys, sizes, or other special requirements not listed, contact our sales department.

\* Nozzles must be ordered separately.