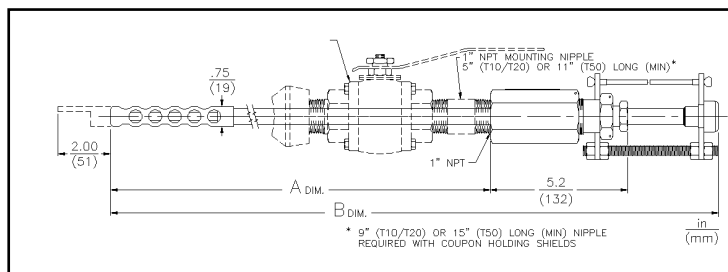


Model 3500/3500HT CORROSOMETER® Probe

CYLINDRICAL ELEMENT



Model 3501/3501HT Replacement Insert



Order Length	"A" Dimension		"B" Dimension	
	Inches	mm	Inches	mm
18	19.7	500	26.4	690
24	25.7	653	32.4	823
30	31.7	805	38.4	975
36	37.7	958	44.4	1128

"A" Dimension is with probe fully inserted into packing gland

Specifications:

- **Mounting — 1" Full Port Valve Minimum**
- **Temp. Rating for Model 3500 — +500° F/+260° C**
- **Temp. Rating for Model 3500HT — +850° F/+454° C**
- **Pressure Rating for Model 3500 — 1500 PSI/10.3 MPa**
- **Pressure Rating for Model 3500HT — 1000 PSI/6.9 MPa**
- **Element Seal Material — All Welded**
- **Fill Material — Ceramic**
- **Probe Body Material — As Element**

Model 3500 Retractable Process Probes have a thin walled tubular sensing element made from the alloy of interest welded onto a body of the same material. Mild Steel bodies are Teflon coated. No other materials contact the corrosive process fluid. Materials of construction are carefully matched and welds are vacuum annealed during assembly to avoid preferential corrosion effects.

Model 3500 Probes provide a large test surface, excellent dynamic temperature response and protection of reference element. They are ideally suited to the more

aggressive plant conditions and may be used in very aggressive organic or inorganic fluids over the entire pH range 0-14, subject to process containment requirements.

These probes are standard in mild steel, 304 S.S. and 316 S.S.. Certain other alloys can be provided on special order; please contact the factory for information. The useful measuring lives of the T-10 and T-20 probe elements are 5 mils (0.13mm) and 10 mils (0.25mm) respectively.

