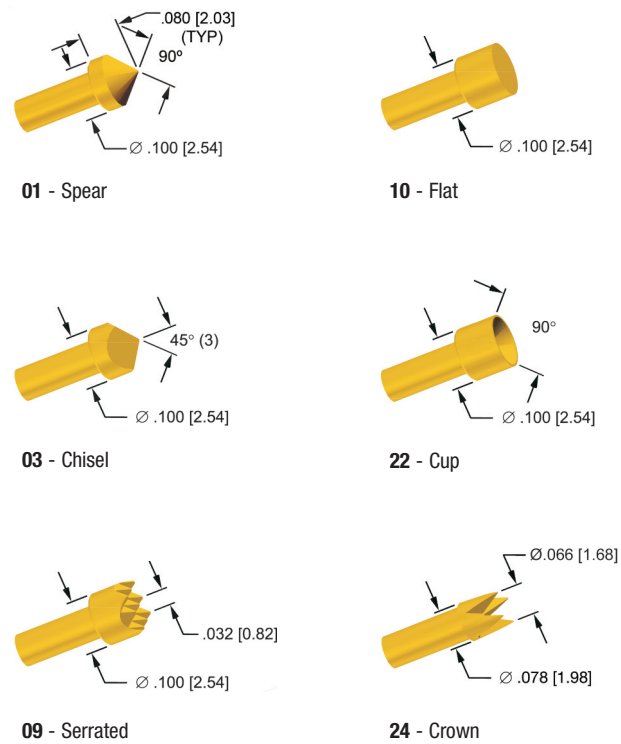
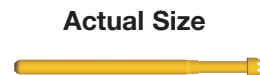
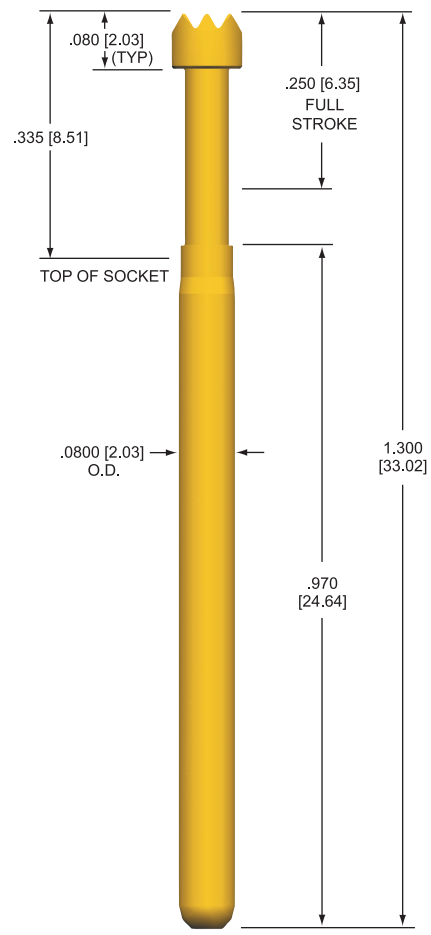


125-25 Series

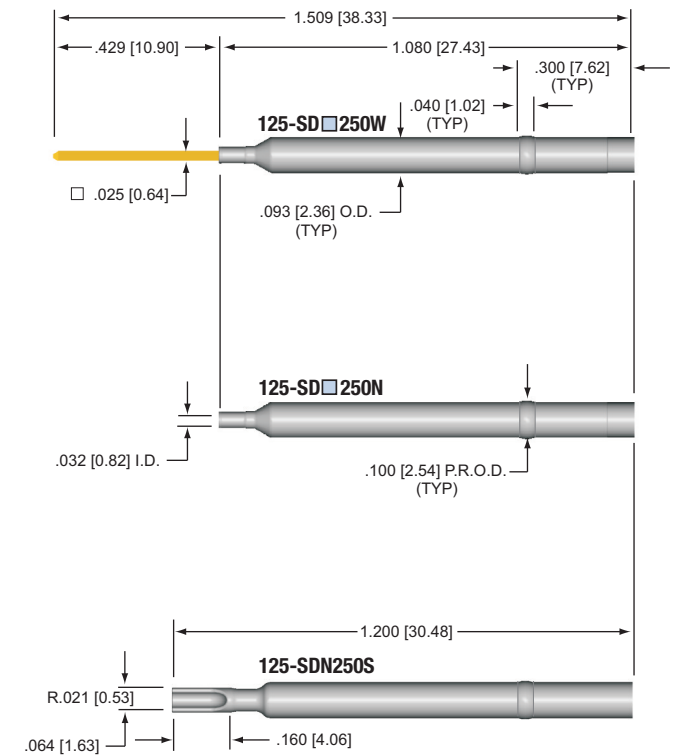
The **125-25 series probes** are designed for loaded board testing.

Probe



Sockets

Mounting holes in AT7000, G10/FR4 or similar materials should be gauged at .094/.096 [2.39/2.44], suggested drill sizes 2.4mm or #41.



PROBE P/N: 125 - PR ■ ■ ■ ■ - ■
example: 125 - PRH2509S

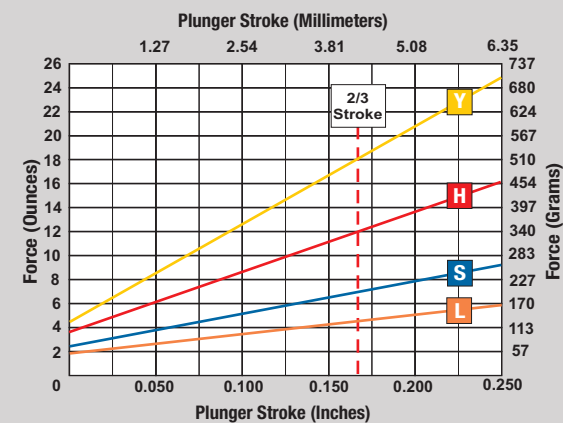
TUBE	Letter	Material/Finish	Average Resistance			
	G	Nickel silver/OD gold plated	< 15 milliohms			
	H	High conductivity proprietary alloy/ID & OD precious metal clad	< 15 milliohms			
POINT	Digits	Material/Finish				
	See Points	Heat-treated BeCu/plated gold over nickel				
SPRING	Letter	Spring Force	Preload	@ 2/3 Stroke	Material	Mechanical Life (Cycles @ Stroke)
	L	Low	1.9 [54]	4.5 [128]	Stainless Steel	1M min @ .167 [4.24] max
	S	Standard	2.2 [62]	7.0 [198]	Stainless Steel	1M min @ .167 [4.24] max
	H	High	3.7 [105]	12.0 [340]	Stainless Steel	1M min @ .167 [4.24] max
	Y	Elevated	4.4 [125]	18.0 [510]	Stainless Steel	100K min @ .167 [4.24] max
OPTION	Letter	Description				
	B	Curved tube (pylon replacement)				
	N	No probe lubrication. Removing probe lubrication greatly reduces cycle life and should only be used in applications outside of the probe operating temperature specifications.				
	(blank)	No option required				

Probe Specifications

Mechanical

Full stroke: .250 [6.35] • **Working stroke:** up to .167 [4.24]
Operating temp.: -50°F to 250°F [-45°C to 120°C]
Current rating (for single probe in ambient air with 70°F [20°C] rise): 10 Amps (for H tube, 15 Amps)

Spring Force



Installation and Extraction Tool

Part Numbers (see pages 62 & 63)

Socket Installation Tool: IT125-FLUSH or IT125 SET .000 to .250 [0.00 to 6.35]
Socket Extraction Tool: ET125-KIT (includes IT125-FLUSH & ET125 – sockets must be FLUSH before extraction)
Probe Insertion Tool: PT100/75

SOCKET P/N: 125 - SD ■ ■ ■ ■ ■ 250
example: 125 - SDN250S

TUBE	Letter	Material/Finish
	N	Nickel silver/no finish
	G	Nickel silver/OD gold plated ②
TERMINATION	Letter	Description
	N	No termination
	S	Solder cup ①
	W	Square wire wrap pin

Notes: ① Not available in G tube material
② Not available in S termination



US Patent No. 4,659,987 & 4,597,662