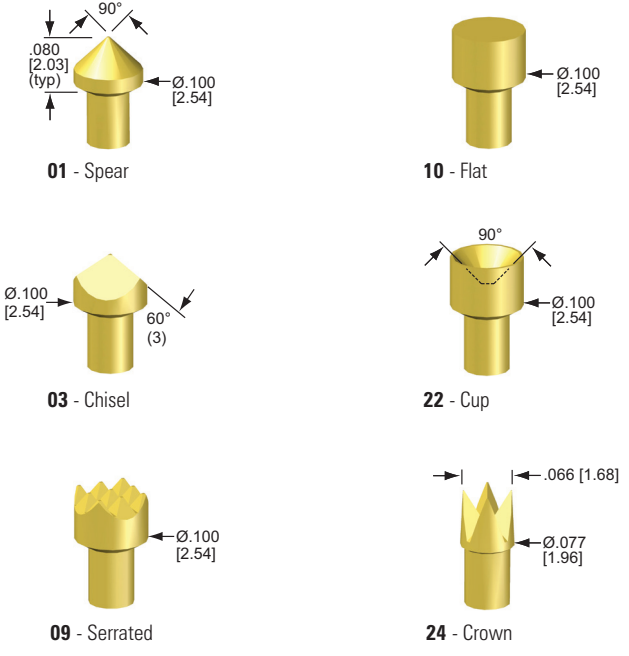
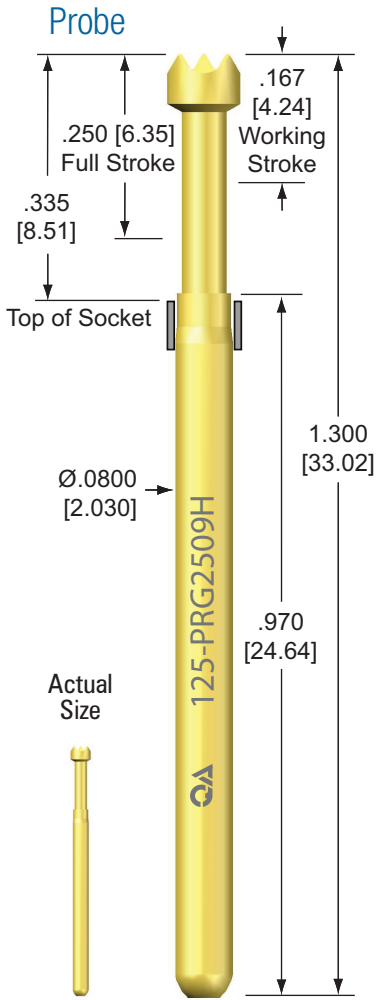


125-25 SERIES | .125 [3.17] Centers | .250 [6.35] Full Stroke



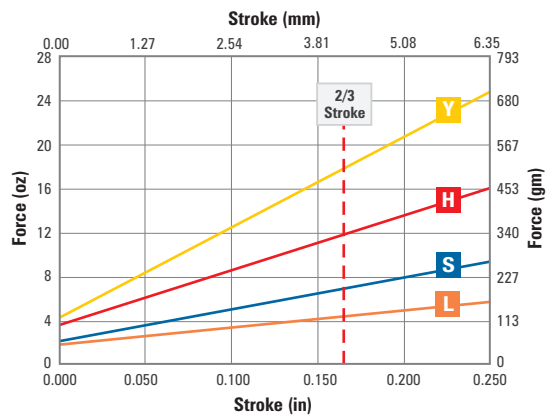
Probe P/N:

125 - PR 25 - - - - example: 125-PRH2509S

Letter	Material/Finish	Average Resistance	Current Rating ¹ SS @ 204°C		
TUBE	N Nickel silver/no finish	< 25 mOhms	18.8 Amps		
	G Nickel silver/OD gold plated	< 15 mOhms	23.0 Amps		
	H High conductivity proprietary alloy/gold plated	< 10 mOhms	41.0 Amps		
	S High conductivity proprietary alloy/silver plated	< 10 mOhms	48 Amps		
TIP STYLE	Digits	Material/Finish			
See Tips	Heat treated BeCu/plated gold over nickel				
Letter	Spring Force	Preload	@ 2/3 Stroke	Material	Cycle Life @ Stroke
SPRING	L Low	1.9 [54]	4.5 [128]	SS	1M @ .167 [4.24]
	S Standard	2.2 [62]	7.0 [198]	SS	1M @ .167 [4.24]
	H High	3.7 [105]	12.0 [340]	SS	1M @ .167 [4.24]
	Y Elevated	4.4 [125]	18.0 [510]	SS	100K @ .167 [4.24]
Letter	Description				
OPTION	B Curved tube (pylon replacement)				
	N No probe lubrication. Removing probe lubrication greatly reduces cycle life and should only be used in applications requiring operating temperatures below -45°C.				
	(blank) No option required				

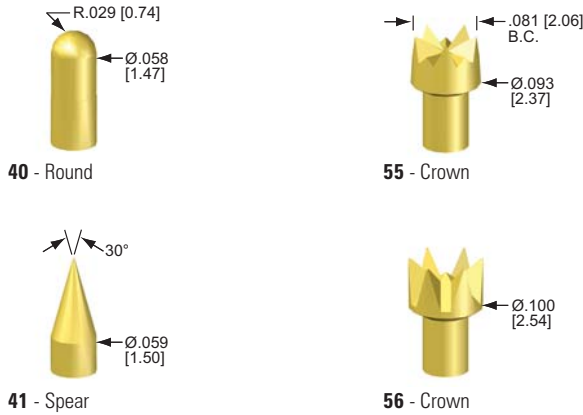
¹ Current Rating is affected by spring material and lubrication choices. Standard lubrication has a 204°C maximum operating temperature limit. Before using probes near these current limits, please refer to Current Carrying Capacity and Operating Temperature Application Notes.

Spring Force

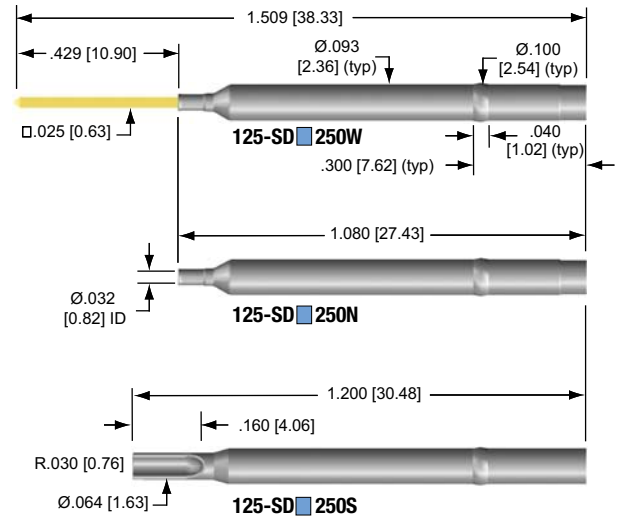


Suggested mounting holes and drill sizes in AT7000, G10/FR4 or similar materials should be gauged at:

Hole Size	Drill Size
.0940 / .0960 [2.390 / 2.440]	2.4mm or #41



Sockets



Tools & Accessories (See pages 70-73)

Pin Gauge Tool: PG125

Socket Installation Tool: ITR125-FL or ITR125 SET .001 to .250 [0.03 to 6.35]

Socket Extraction Tool: ETR125-KIT (includes ITR125-FL & ETR125 – sockets must be FLUSH before extraction)

Probe Installation Tool: PT100/75

Socket P/N:

125-SD 250 example: 125-SDN250W

	Letter	Material/Finish
TUBE	N	Nickel silver/no finish
	G	Nickel silver/OD gold plated ②
	H	High conductivity copper alloy/gold plated ③
	Letter	Description
TERMINATION	N	No termination
	S	Solder cup ①
	W	Square wire wrap pin, Phospor bronze/gold plated over nickel
Notes: ① Not available in G tube material ② Not available in S termination ③ Only available in S termination		

US Patent No. 4,885,533