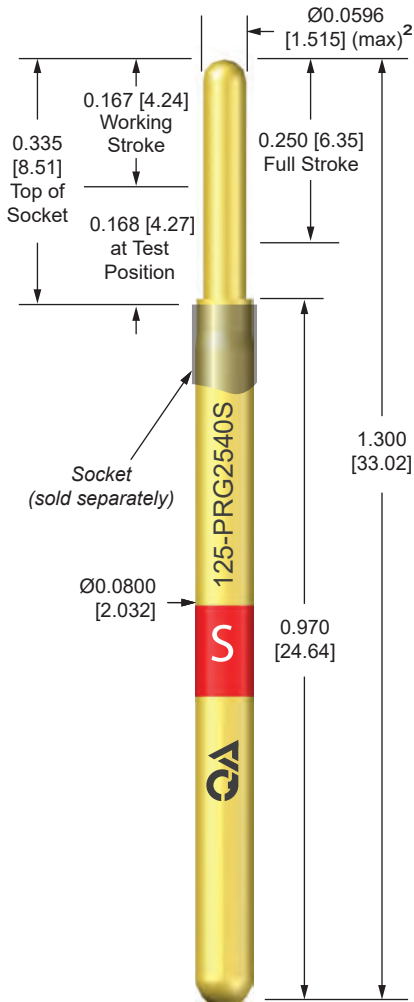
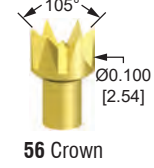
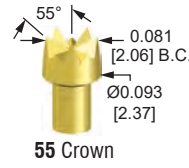
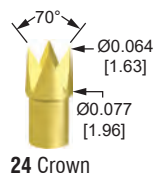




# 125-25 Series 0.125 [3.18] Centers | 0.250 [6.35] Full Stroke



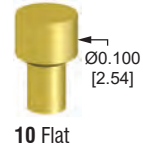
## CROWN



## SPEAR



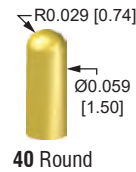
## FLAT



## CUP



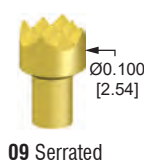
## ROUND



## CHISEL



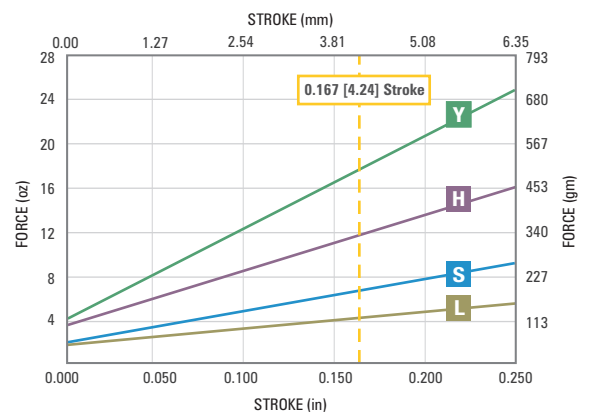
## SERRATED



## PROBE P/N 125-PR-25- - example: 125-PRH2509S

	Letter	Material/Finish	Average Resistance	Current Rating AMPS <sup>1</sup> 120°C (204°C) <sup>3</sup>		
<b>Tube</b>	G	Nickel silver OD gold plated	< 15 mOhms	16.9 (23.0) <sup>3</sup>		
	H	High conductivity proprietary alloy/gold plated	< 10 mOhms	30.0 (41.0) <sup>3</sup>		
	N	Nickel silver/no finish	< 25 mOhms	13.7 (18.8) <sup>3</sup>		
	S	High conductivity proprietary alloy/silver plated	< 10 mOhms	32.8 (48.0) <sup>3</sup>		
<b>Tip Style</b>	Digits	Material/Finish				
	See Tips	Heat treated BeCu/gold plated over nickel				
<b>Spring</b>	Letter	Spring Force	Preload	@ 0.167 [4.24] Stroke	Material	Cycle Life @ 0.167 [4.24] Stroke
	L	Low	1.9 [54g/0.53N]	4.5 [128g/1.25N]	SS	1,000,000
	S	Standard	2.2 [62g/0.61N]	7.0 [198g/1.95N]	SS	1,000,000
	H	High	3.7 [105g/1.03N]	12.0 [340g/3.34N]	SS	1,000,000
	Y	Elevated	4.4 [125g/1.21N]	18.0 [510g/5.00N]	SS	100,000
<b>Option</b>	Letter	Description				
	B	Curved tube (pylon replacement)				
	N	No probe lubrication. Removing lubrication greatly reduces cycle life and should only be used in applications outside of the working temperature range, see Testing in Extreme Working Temperatures application note for more details. <sup>3</sup>				
	(Blank)	No option required				

## SPRING FORCE

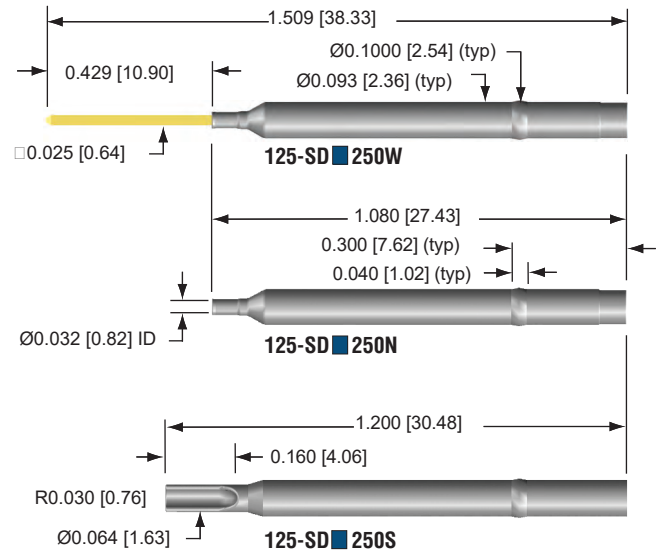


## TOOLS & ACCESSORIES

See pages 75-79 for order information.

## SOCKETS

Suggested mounting holes and drill sizes in AT7000, G10/FR4 or similar materials should be gauged at: 0.0940 / 0.0960 [2.390 / 2.440]; Drill Size 2.4mm or #41



## SOCKET P/N

**125-SD 250** example: 125-SDN250W

	Letter	Material/Finish
<b>Tube</b>	N	Nickel silver/no finish
	G	Nickel silver/OD gold plated ②
	H	High conductivity copper alloy/gold plated ③
	Letter	Description
<b>Termination</b>	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