



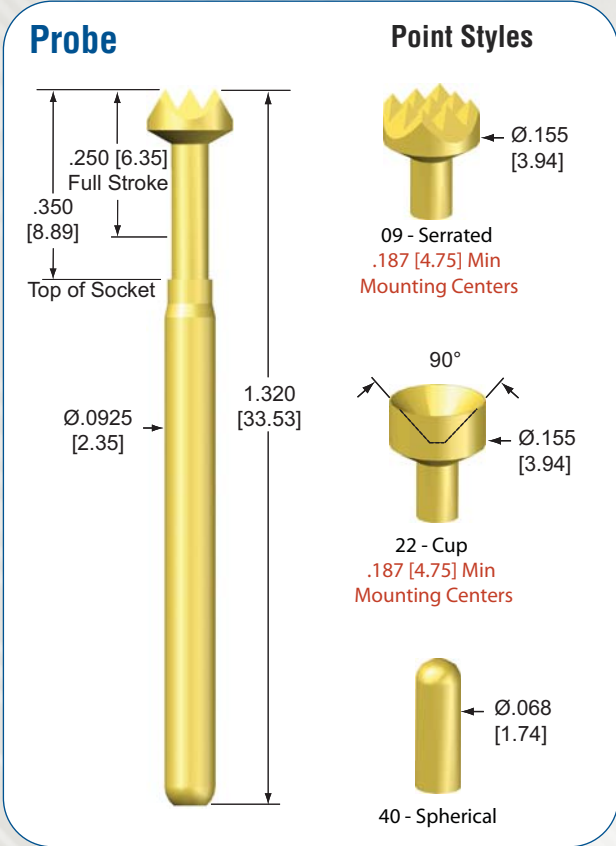
Technology Company, Inc.

# 156-25 Series

.156 or .187 [3.96 or 4.75] Center, .250 [6.35] Stroke

**NEW**  
Compatible with  
your existing  
"Size 4" probes

QA Technology is pleased to offer a new .156 or .187 [3.96 or 4.75] center, .250 [6.35] stroke probe. This new probe series is designed for use in high current applications. They are also used in both In-Circuit and Functional test fixtures.



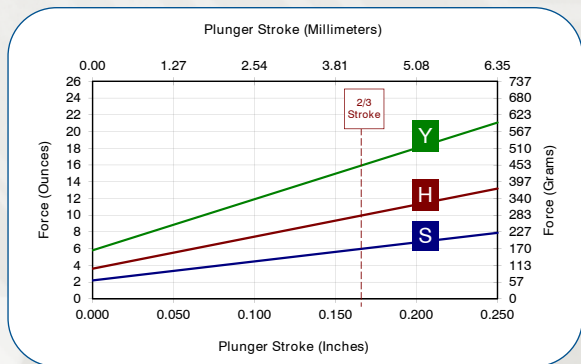
P/N: 156-PRH25

Tube	Letter	Material/Finish	Avg Resistance		
	H	High conductivity proprietary alloy/gold plated	<10 milliohms		
Point	Digit	Material/Finish			
	See Points	Heat treated BeCu / plated gold over nickel			
Spring	Letter	Preload	@ 2/3 Stroke	Material	Mechanical Life (Cycles @ stroke)
	S	2.2 [62]	6.0 [170]	Stainless Steel	1M min @ .167 [4.24] max
	H	3.6 [102]	10.0 [283]	Stainless Steel	1M min @ .167 [4.24] max
	Y	5.8 [164]	16.0 [454]	Stainless Steel	1M min @ .167 [4.24] max
Option	Letter	Description			
	N	No probe lubrication. Removing probe lubrication greatly reduces cycle life and should be only used in applications outside of the probe operating temperature specifications.			

All dimensions are in inches [mm]. All spring forces are in ounces [gms].

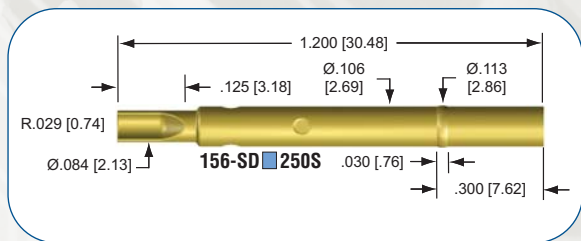
## Probe Specifications

- Full Stroke: .250 [6.35]
- Working Stroke: up to .167 [4.24]
- Operating Temp: -13° to 400°F [-25° to 204°C]
- Current rating: 35 Amps
- Spring Force:



## Socket

Recommended drill hole sizes for AT7000, G10/FR4 or similar material should be gauged at .108/.110 [2.74/2.79]. Suggested drill size 7/64 or 2.75mm



P/N: 156-SD 250S

Tube	Letter	Material/Finish
	N	Nickel Silver, No finish
H	High Conductivity alloy, gold plated	
Termination	Digit	Material/Finish
	S	Solder Cup

## Tools

- Socket Installation Tool: ITR156 Set .000 to .250 [0.03 to 6.35]
- Socket Extraction Tool: ETR156
- Pin Gauge Tool: PG156