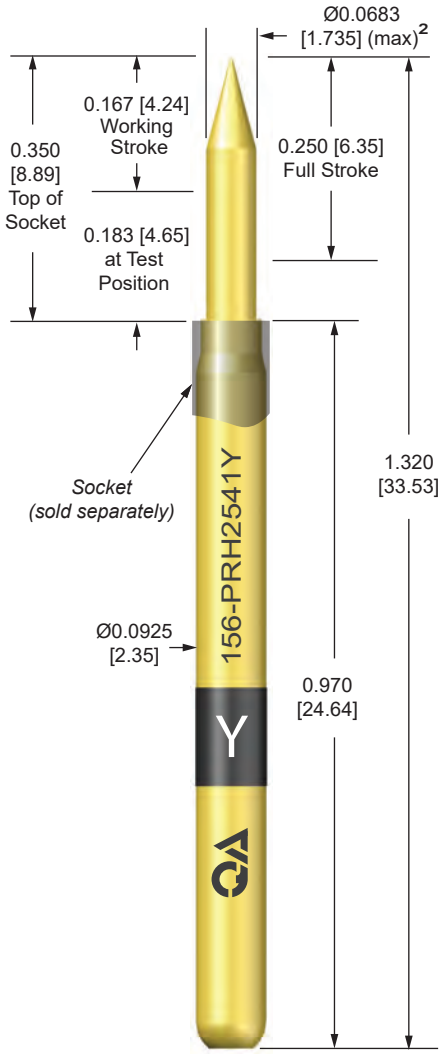
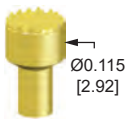
156-25 Series

0.156 [3.96] Centers | 0.250 [6.35] Full Stroke



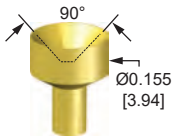
SERRATED



19 Serrated

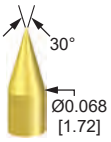
09 Serrated
0.187 [4.75] Min. Centers

CUP



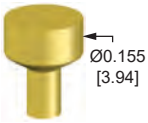
22 Cup
0.187 [4.75] Min. Centers

SPEAR



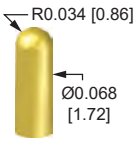
41 Spear

FLAT



10 Flat
0.187 [4.75] Min. Centers

ROUND



40 Round

PROBE P/N 156-PR■25■■■-■ example: 156-PRH2509S

	Letter	Material/Finish	Average Resistance	Current Rating AMPS[1] 120°C (204°C)[3]
Tube	N	Nickel silver/no finish	< 15 mOhms	16 (22)[3]
	H	High conductivity proprietary alloy/gold plated	< 10 mOhms	31 (43)[3]
	S	High conductivity proprietary alloy/silver plated	< 10 mOhms	34 (47)[3]

	Digits	Material/Finish
Tip Style	See Tips	Heat treated BeCu/gold plated over nickel

	Letter	Spring Force	Preload	@ 0.167 [4.24] Stroke	Material	Cycle Life @ 0.167 [4.24] Stroke
Spring	S	Standard	2.2 [62g/0.61N]	6.0 [170g/1.67N]	SS	1,000,000
	H	High	3.6 [102g/1.00N]	10.0 [283g/2.78N]	SS	1,000,000
	Y	Elevated	5.4 [153g/1.50N]	16.0 [454g/4.45N]	SS	1,000,000

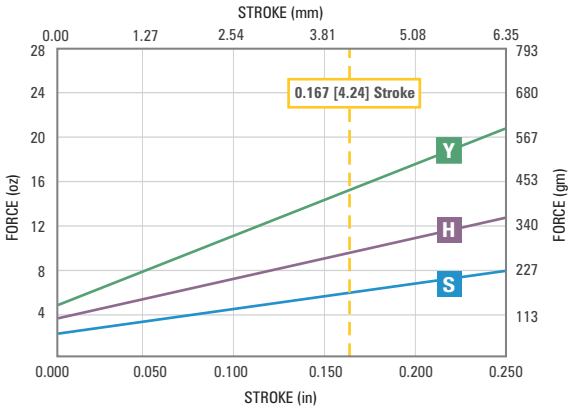
	Letter	Description
Option	N	No probe lubrication. Removing lubrication greatly reduces cycle life and should only be used in applications outside of the working temperature range, see Testing in Extreme Working Temperatures application note for more details.[3]
	(Blank)	No option required

[1] Current rating is affected by spring material and lubrication choice. Please refer to Current Carrying Capacity and Testing in Extreme Working Temperature applications notes for more details.

[2] Maximum plunger OD should be used to calculate minimum guide plate clearance holes.

[3] Working Temperature Range: -45°C to 120°C with lubrication. SS springs can be used up to 204°C without lubrication.

SPRING FORCE

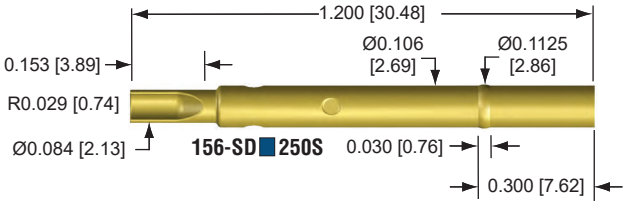


TOOLS & ACCESSORIES

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: 0.108 / 0.110 [2.74 / 2.79]; Drill Size 7/64" or 2.80mm



SOCKET P/N 156-SD■250S example: 156-SDH250S

	Letter	Material/Finish
Tube	N	Nickel silver/no finish
	H	High conductivity copper alloy/gold plated
Term.	Letter	Description
	S	Solder cup

US Patent No. 4,885,533