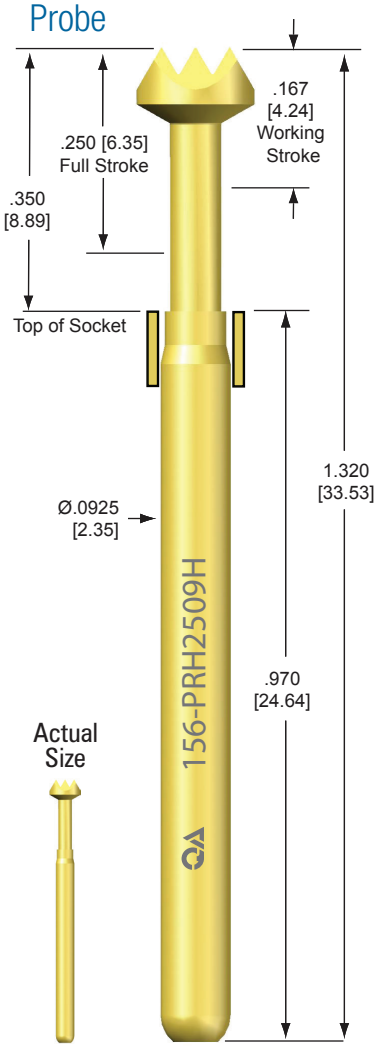
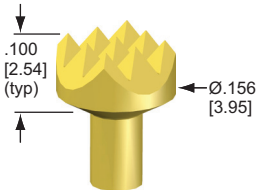
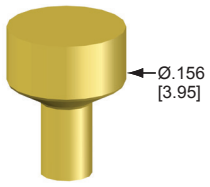
Probe

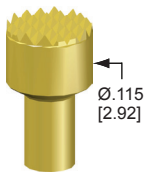




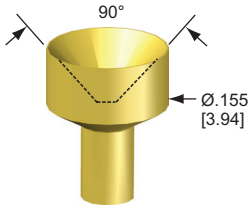
09 - Serrated
.187 [4.75] Min. Centers



10 - Flat

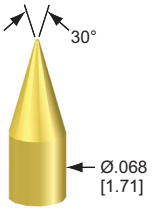


19 - Serrated



22 - Cup
.187 [4.75] Min. Centers

40 - Round

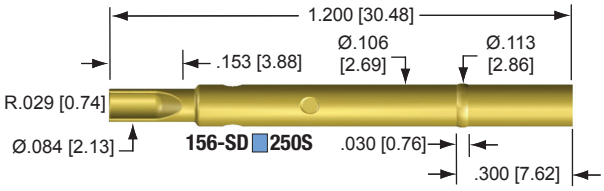


41 - Spear

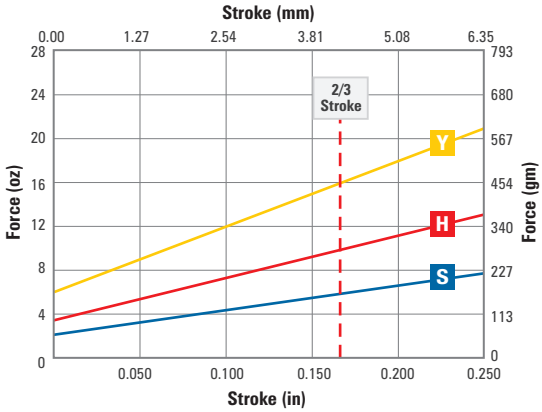
Sockets

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

Hole Size	Drill Size
.108 / .110 [2.74 / 2.79]	7/64" or 2.75mm



Spring Force



Tools & Accessories (See pages 70-73)

Pin Gauge Tool: PG156
Socket Installation Tool: ITR156-FL or ITR156
SET .001 to .250 [0.03 to 6.35]
Socket Extraction Tool: ETR156

Probe P/N:

156 - PR 25 - example: 156-PRH2509S

	Letter	Material/Finish	Average Resistance	Current Rating[1] SS @ 204°C
TUBE	N	Nickel silver/no finish	< 15 mOhms	19.6 Amps
	H	High conductivity proprietary alloy/gold plated	< 10 mOhms	43 Amps
	S	High conductivity proprietary alloy/silver plated	< 10 mOhms	47 Amps

	Digits	Material/Finish
TIP STYLE	See Tips	Heat treated BeCu/plated gold over nickel

	Letter	Spring Force	Preload	@ 2/3 Stroke	Material	Cycle Life @ Stroke
SPRING	S	Standard	2.2 [62]	6.0 [170]	SS	1M @ .167 [4.24]
	H	High	3.6 [102]	10.0 [283]	SS	1M @ .167 [4.24]
	Y	Elevated	5.8 [164]	16.0 [454]	SS	1M @ .167 [4.24]

	Letter	Description
OPTION	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.

Socket P/N:

156 - SD 250S example: 156-SDH250S

	Letter	Material/Finish
TUBE	N	Nickel silver/no finish
	H	High conductivity alloy/gold plated

	Letter	Description
TERMINATION	S	Solder cup

US Patent No. 4,885,533