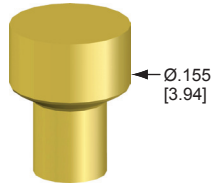
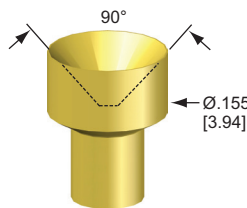


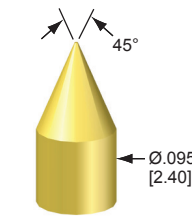
09 - Serrated



10 - Flat



22 - Cup

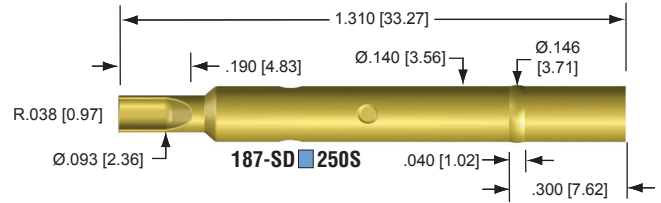


41 - Spear

Sockets

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

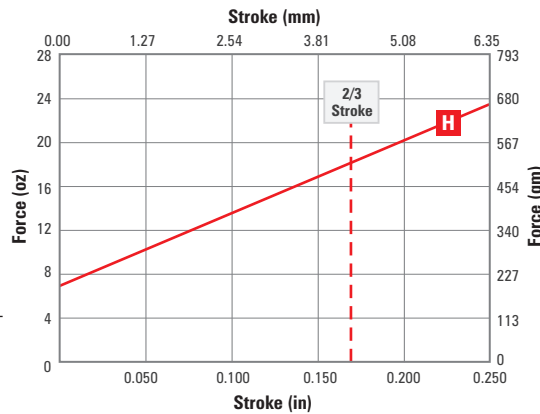
Hole Size	Drill Size
.141 / .143 [3.58 / 3.63]	3.60mm



Actual Size



Spring Force



Tools & Accessories (See pages 70-73)

Pin Gauge Tool: PG187

Socket Installation Tool: ITR187-FL or ITR187 SET .001 to .250 [0.03 to 6.35]

Socket Extraction Tool: ETR187

Probe P/N:

187 - PR 25 H- example: 187-PRH2509H

Letter	Material/Finish	Average Resistance	Current Rating ¹ SS @ 204°C		
TUBE N	Nickel silver/no finish	< 20 mOhms	28 Amps		
H	High conductivity proprietary alloy/gold plated	< 10 mOhms	55 Amps		
S	High conductivity proprietary alloy/silver plated	< 5 mOhms	59 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 H	High	7.0 [198]	18.0 [510]	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:

187 - SD 250S example: 187-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