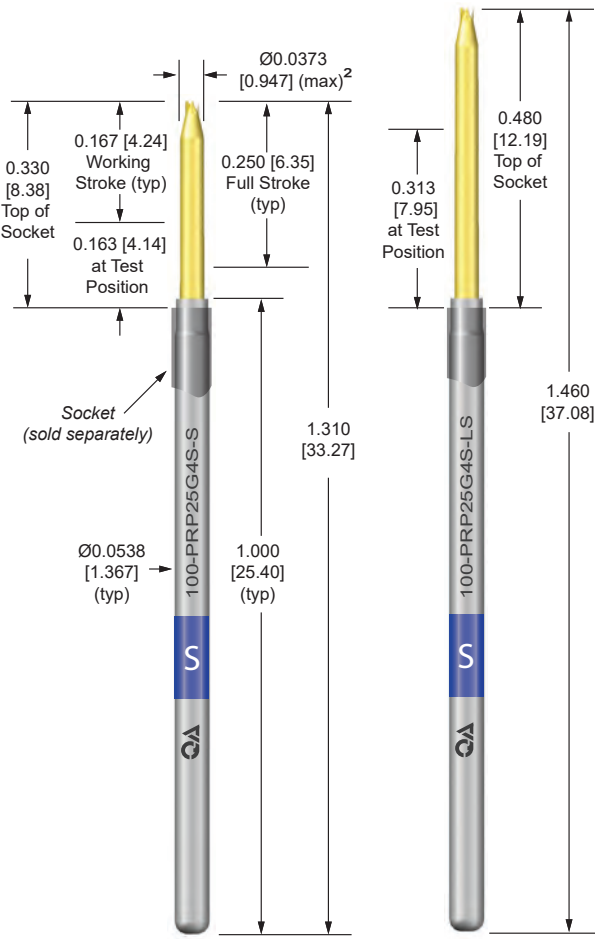




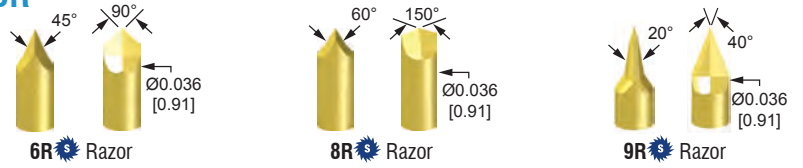
100-25 Series

0.100 [2.54] Centers | 0.250 [6.35] Full Stroke

Long Plunger (-L) Option



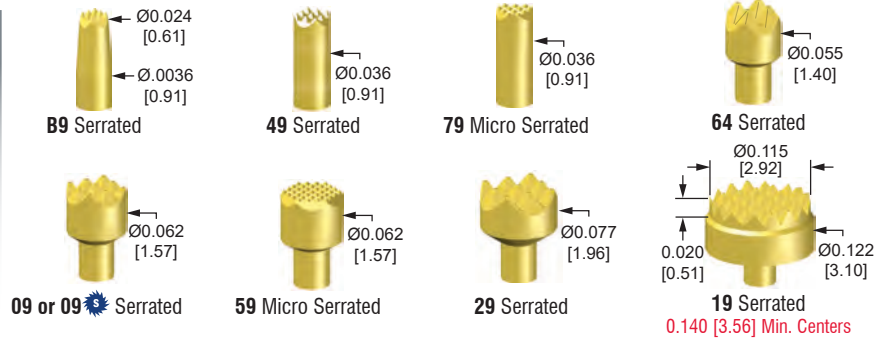
RAZOR



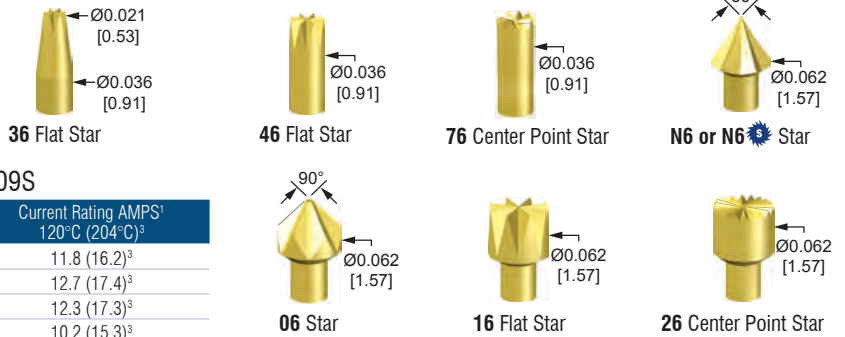
CHISEL



SERRATED



STAR



PROBE P/N 100-PR-25- example: 100-PRH2509S

Letter	Material/Finish	Average Resistance	Current Rating AMPS ¹ 120°C (204°C) ³
P	Nickel silver/ID precious metal clad	< 15 mOhms	11.8 (16.2) ³
V	Nickel silver or phos bronze/OD silver plated	< 20 mOhms	12.7 (17.4) ³
G	Nickel silver or phos bronze/OD gold plated	< 20 mOhms	12.3 (17.3) ³
N	Nickel silver/no finish	< 165 mOhms	10.2 (15.3) ³
H	High conductivity proprietary alloy/gold plated	< 10 mOhms	19.8 (28.3) ³

Tip Style	Digits	Material/Finish
See Tips		Standard material is heat treated BeCu/gold plated over nickel. (see S option for steel plungers)

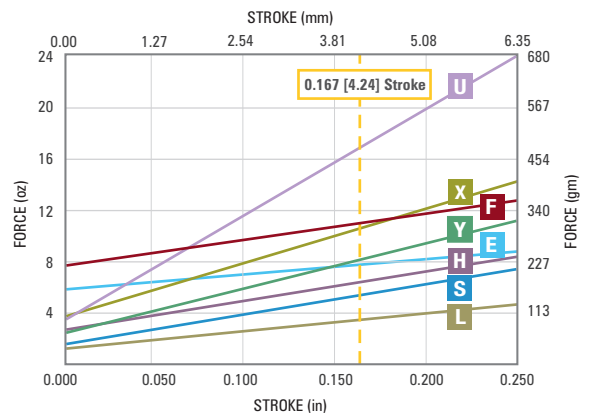
Letter	Spring Force	Preload	@ 0.167 [4.24] Stroke	Material	Cycle Life @ 0.167 [4.24] Stroke
L	Low	1.3 [37g/0.36N]	3.5 [99g/0.97N]	SS	1,000,000
S	Standard	1.6 [45g/0.44N]	5.5 [156g/1.53N]	MW	1,000,000
H	High	2.8 [79g/0.78N]	6.5 [184g/1.81N]	SS	1,000,000
Y	Elevated	2.3 [65g/0.64N]	8.1 [230g/2.25N]	MW	1,000,000
X	Extra	3.6 [102g/1.00N]	10.8 [306g/3.00N]	MW	1,000,000
U	Ultra	3.3 [94g/0.92N]	17.1 [485g/4.75N]	MW	100,000

High Preload Spring – Only available with headless steel tip styles and P tube material.

Letter	Spring Force	Preload	@ 0.167 [4.24] Stroke	Material	Cycle Life @ 0.167 [4.24] Stroke
E	High Preload	6.0 [170g/1.67N]	8.0 [227g/2.22N]	SS	1,000,000
F	High Preload	7.6 [215g/2.12N]	11.0 [312g/3.06N]	SS	300,000

Letter	Description
B	Curved tube (pylon replacement)
L	Long plunger. Must select from 100-40 tip styles
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
S	Heat treated steel/plated gold over nickel (see tip style for availability)
(Blank)	No option required

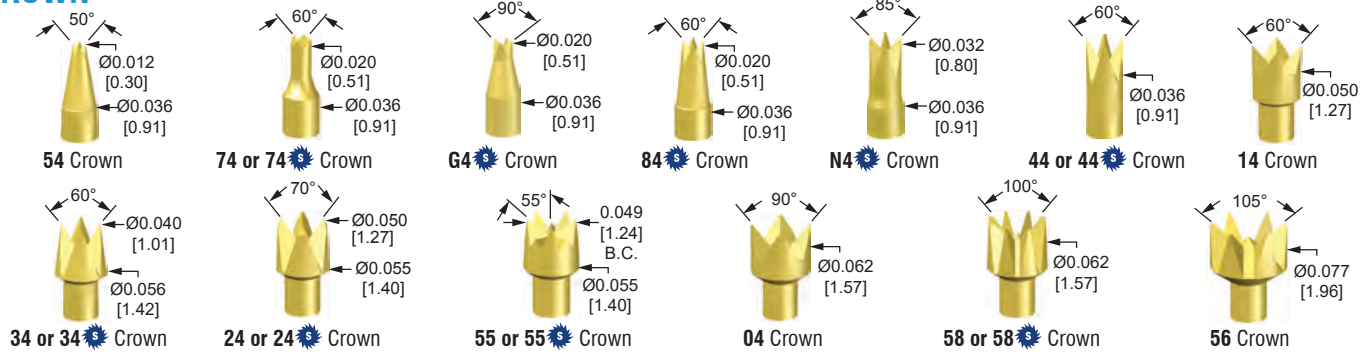
SPRING FORCE



TOOLS & ACCESSORIES

See pages 75-79 for order information.

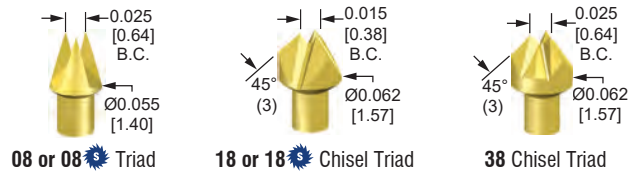
CROWN



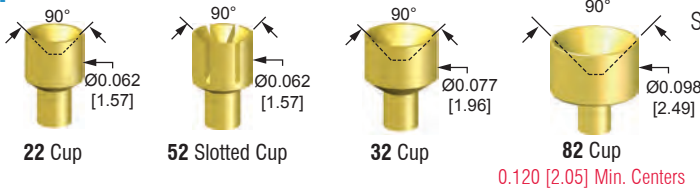
SPEAR



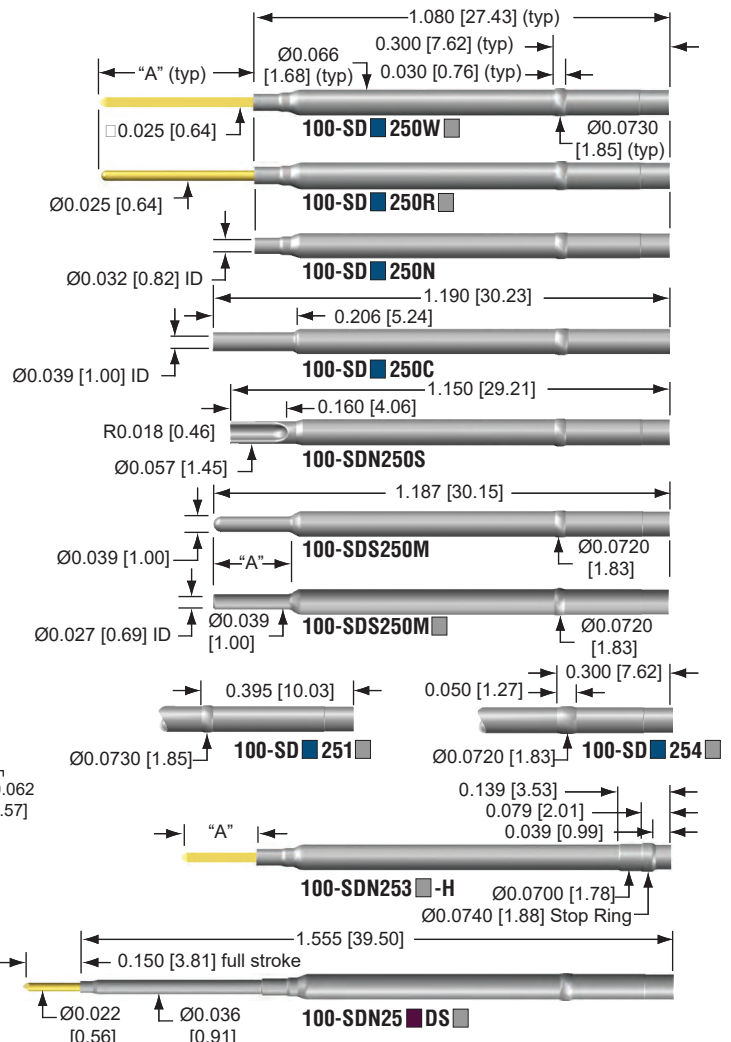
TRIAD



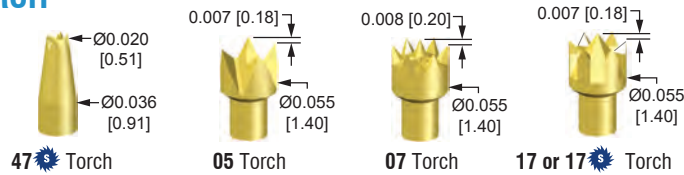
CUP



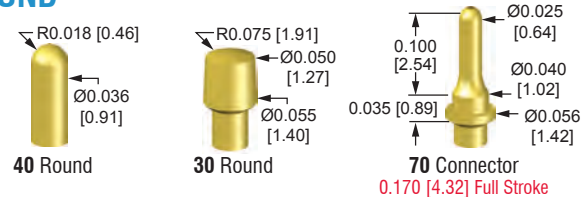
SOCKETS See page 33 for order information.
 Suggested mounting holes and drill sizes in AT7000, G10/FR4 or similar materials should be gauged at: 0.0670 / 0.0690 [1.702 / 1.753]; Drill Size 1.75mm



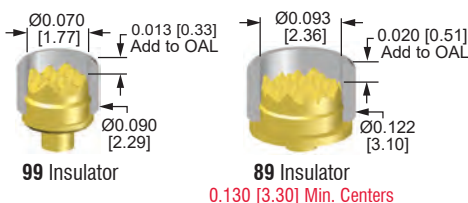
TORCH



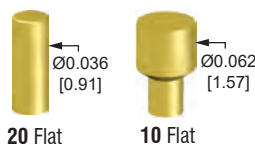
ROUND



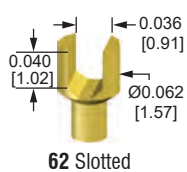
INSULATOR



FLAT



SLOTTED



BLADE

