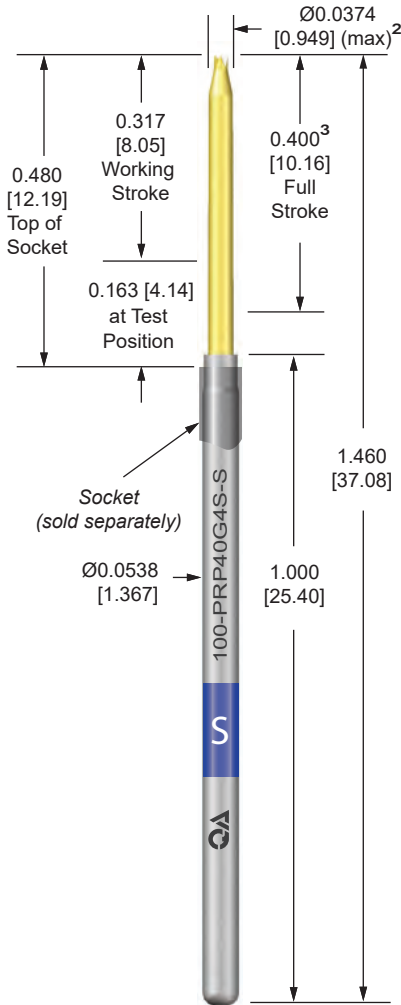
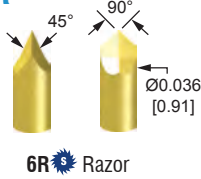




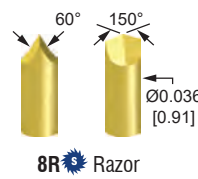
100-40 Series 0.100 [2.54] Centers | 0.400 [10.16] Full Stroke



RAZOR



6R Razor



8R Razor

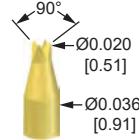


9R Razor

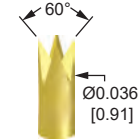
CROWN



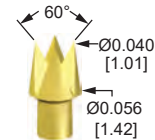
54 Crown



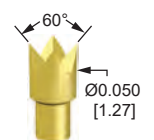
G4 Crown



44 Crown



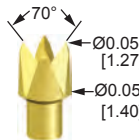
34 Crown



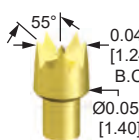
14 Crown



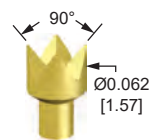
94 Crown



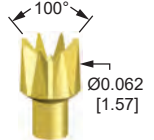
24 Crown



55 Crown



04 Crown

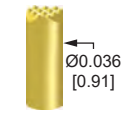


58 Crown

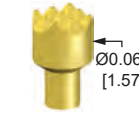
SERRATED



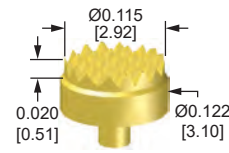
49 Serrated



79 Micro Serrated



09 Serrated



19 Serrated
0.150 [3.81] Min. Centers

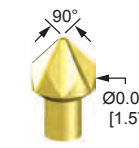
STAR



46 Flat Star



76 Center Point Star



06 Star

PROBE P/N 100-PR 40 example: 100-PRP4003L

Letter	Material/Finish	Average Resistance	Current Rating AMPS ¹ 120°C (204°C) ⁴
P	Nickel silver/ID precious metal clad	< 20 mOhms	10.2 (14.3) ⁴
V	Nickel silver or phos bronze/OD silver plated	< 20 mOhms	12.7 (17.5) ⁴
G	Nickel silver or phos bronze/OD gold plated	< 20 mOhms	12.2 (17.5) ⁴
N	Nickel silver/no finish	< 375 mOhms	8.8 (13.2) ⁴
H	High conductivity proprietary alloy/gold plated	< 15 mOhms	15.9 (22.0) ⁴

Letter	Spring Force	Preload	@ 0.317 [8.05] Stroke	Material	Cycle Life @ 0.317 [8.05] Stroke
L	Low	0.8 [23g/0.22N]	3.0 [85g/0.83N]	MW	1,000,000
S	Standard	1.5 [43g/0.42N]	5.7 [162g/1.58N]	SS	500,000
H ³	High	2.0 [57g/0.56N]	7.0 [198g/1.95N]	SS	300,000
U ³	Ultra	2.5 [71g/0.70N]	8.1 [230g/2.25N]	MW	10,000

Letter	Description
B	Curved tube (pylon replacement)
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. ⁴
S	Heat treated steel/plated gold over nickel (see tip style for availability)

(Blank) No option required

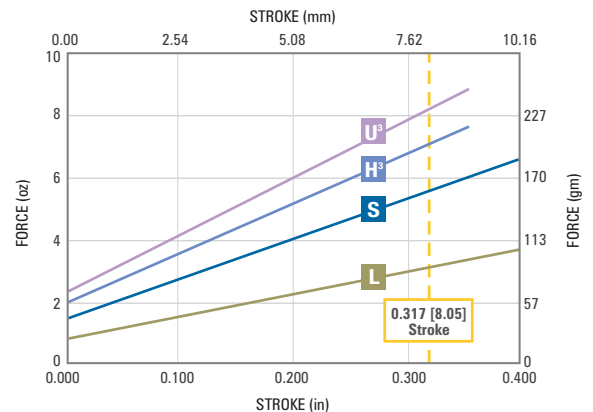
¹ Current rating is affected by spring material and lubrication choice. Please refer to Current Carrying Capacity and Testing in Extreme Working Temperature applications notes for more details.

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

³ 0.350 [8.89] max stroke for H & U spring.

⁴ Working Temperature Range: -55°C to 120°C with lubrication. SS springs can be used up to 204°C without lubrication.

SPRING FORCE

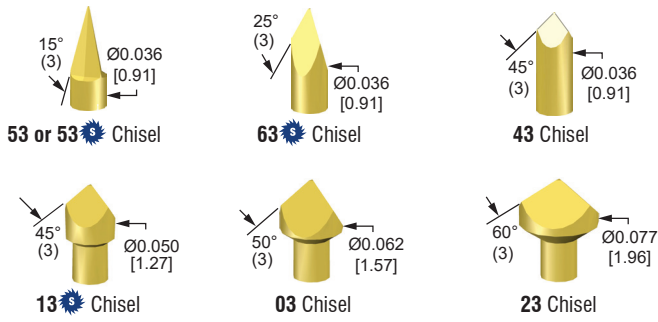


TOOLS & ACCESSORIES

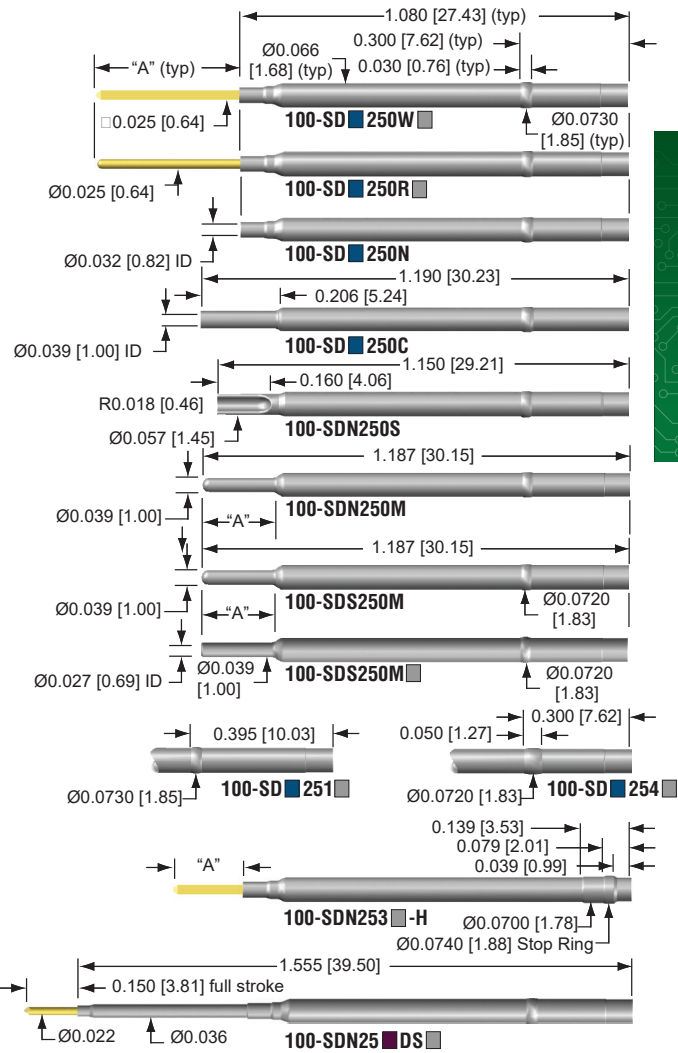
See pages 75-79 for order information.

CHISEL

SOCKETS

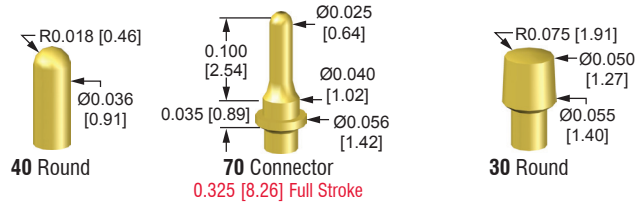


Suggested mounting holes and drill sizes in AT7000, G10/FR4 or similar materials should be gauged at: 0.0670 / 0.0690 [1.702 / 1.753]; Drill Size 1.75mm

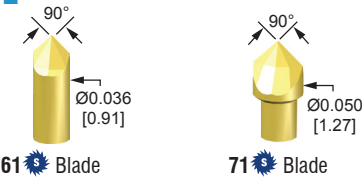


100-40 Series

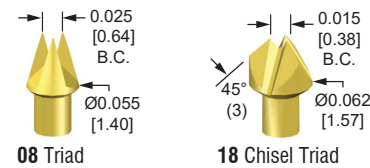
ROUND



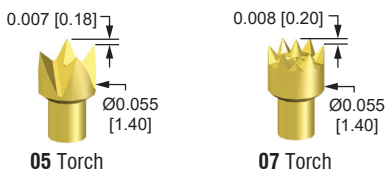
BLADE



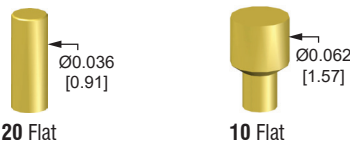
TRIAD



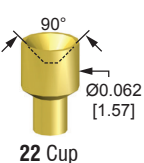
TORCH



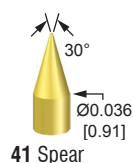
FLAT



CUP



SPEAR



SOCKET P/N 100-SD 25 - example: 100-SDN250W

Letter	Material/Finish	NOTES:
G	Nickel silver/OD gold plated ⑦⑩	① Available only in M Termination
H	High conductivity copper alloy/gold plated ④⑤⑦	② Available only in N & G Tube Material
N	Nickel silver/no finish	③ Available only in S Tube Material
S	Stainless steel/no finish ①④⑦	④ Not available in 1 or 4 Press Ring

Digit	Description
0	Single press ring located at 0.300 [7.62]
1	Single press ring located at 0.395 [10.03] ⑥⑦⑧⑩
3	Single press ring located at 0.139 [3.53] ⑥⑩
4	Single extra long press ring located at 0.300 [7.62] ⑥⑦⑧⑩

Letter	Description	A in (mm)
C	Crimp ②④⑦⑩	
DS	Double-ended for wireless testing. See page 43 for ordering details.	
M	Male round tube ④⑦⑩	0.197 [5.00]
M1	Male round tube ③④⑦	0.315 [8.00]
M2	Male round tube ③④⑦	0.197 [5.00]
N	No termination ②⑩	
S	Solder cup ④⑥⑦⑧⑩⑪	
R	Round pin	0.410 [10.41]
R1	Round pin	0.547 [13.89]
R3	Round pin	0.216 [5.49]
R5	Round pin	0.947 [24.05]
W	Square wire wrap pin	0.429 [10.90]
W1	Square wire wrap pin	0.694 [17.63]
W2	Square wire wrap pin	1.044 [26.52]
W3	Square wire wrap pin	0.164 [4.17]
W5	Square wire wrap pin	0.500 [12.70]

Letter	Description
H	High force probe indent ④⑤⑥⑩⑪
(Blank)	No option required

① Not available in M Termination
 ② Available only in N & G Tube Material
 ③ Available only in S Tube Material
 ④ Not available in 1 or 4 Press Ring
 ⑤ Not available in C, M or S Termination
 ⑥ Not available in G Tube Material
 ⑦ Not available in H Option
 ⑧ Not available in H Tube Material
 ⑨ Not available in M or S Termination
 ⑩ Not available in S Tube Material
 ⑪ Available only in N Tube Material
 ⑫ Available only in N & S Tube Material

* Pin material: Phosphor bronze/ gold plated over nickel

US Patent No. 4,885,533