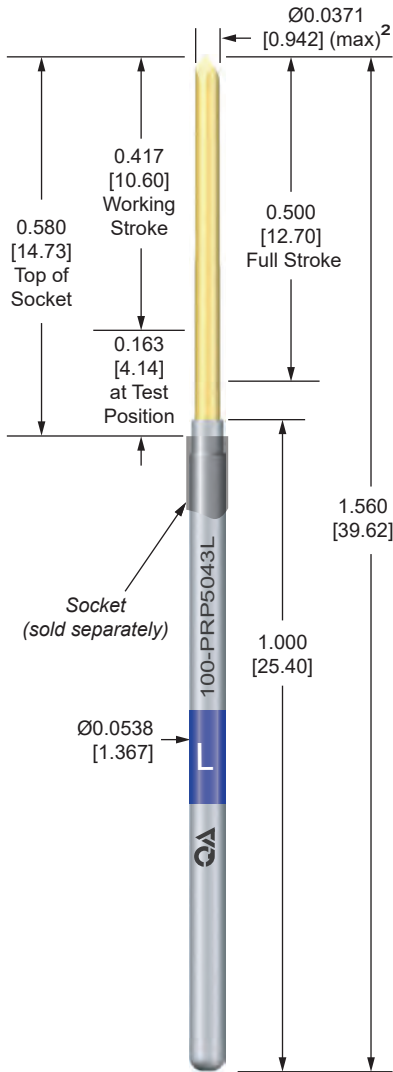
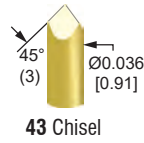




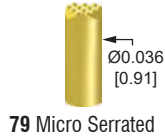
100-50 Series 0.100 [2.54] Centers | 0.500 [12.70] Full Stroke



CHISEL



SERRATED



PROBE P/N 100-PRP50 L example: 100-PRP5079L

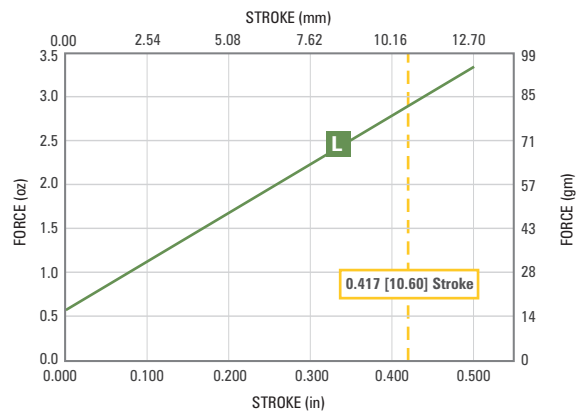
Tube	Letter	Material/Finish	Average Resistance	Current Rating AMPS ¹ 120°C (204°C) ³		
	P	Nickel silver/ID precious metal clad	< 30 mOhms	10.0 (13.7) ³		
Tip Style	Digits	Material/Finish				
	See Tips	Heat treated BeCu/plated over nickel				
Spring	Letter	Spring Force	Preload	@ 0.417 [10.60] Stroke	Material	Cycle Life @ 0.417 [10.60] Stroke
	L	Low	0.56 [16g/0.16N]	2.9 [82g/0.81N]	SS	80,000

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

SPRING FORCE

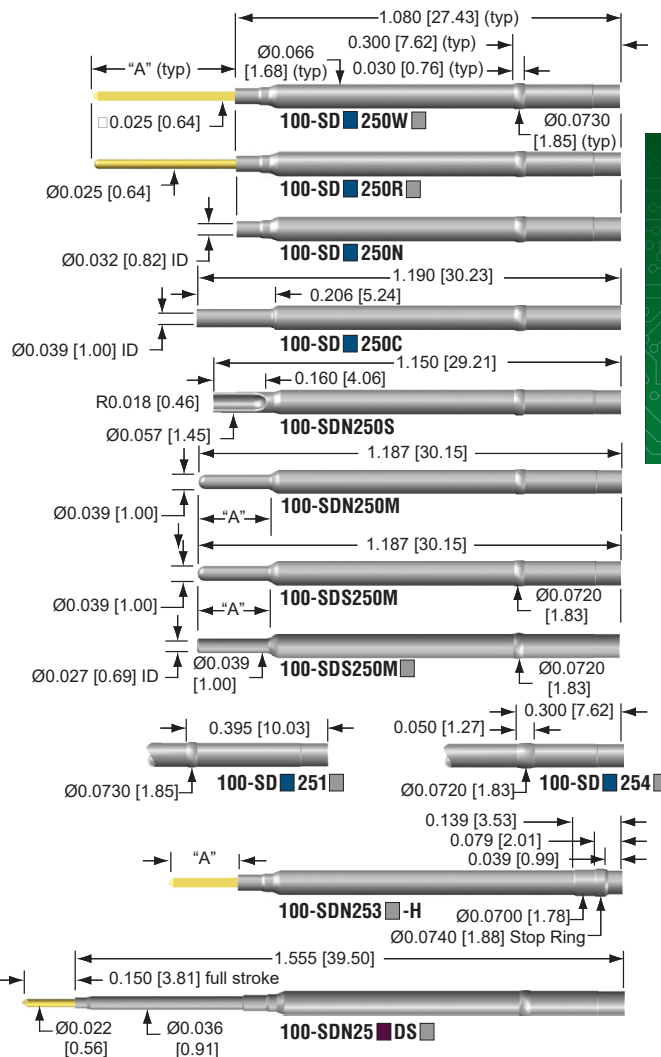


TOOLS & ACCESSORIES

See pages 75-79 for order information.

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



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

Letter	Material/Finish	
G	Nickel silver/OD gold plated ⑦⑩	
H	High conductivity copper alloy/gold plated ④⑤⑦	
N	Nickel silver/no finish	
S	Stainless steel/no finish ①④⑦	

Digit	Description	
0	Single press ring located at 0.300 [7.62]	
1	Single press ring located at 0.395 [10.03] ⑨⑦⑩⑪	
3	Single press ring located at 0.139 [3.53] ⑤⑩	
4	Single extra long press ring located at 0.300 [7.62] ⑥⑦⑩⑪	

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 ④⑤⑦⑩⑪⑫	
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	

- NOTES:
- ① Available only 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