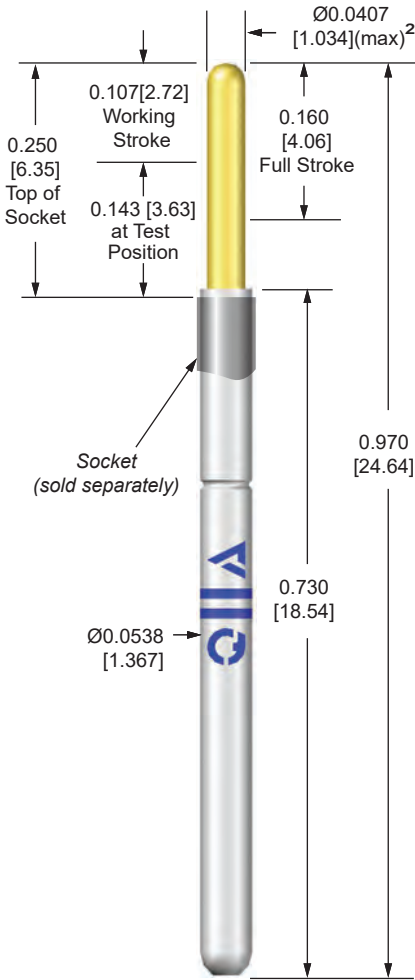
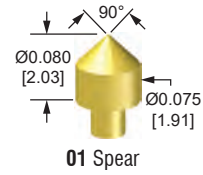




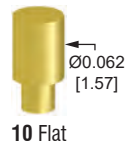
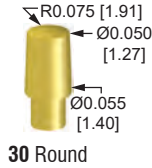
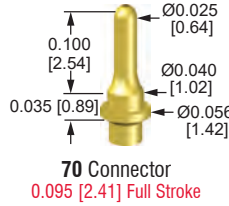
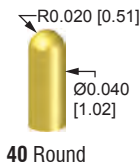
100-16 Series 0.100 [2.54] Centers | 0.160 [4.06] Full Stroke



SPEAR



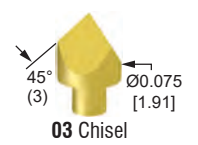
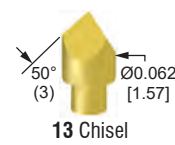
ROUND & FLAT



SERRATED



CHISEL



CUP



PROBE P/N 100-PL16 example: 100-PLP1603L-B

Tube	Letter	Material/Finish	Average Resistance	Current Rating AMPS ¹ 120°C (204°C) ³
	P	Nickel silver/ID precious metal clad	< 20 mOhms	14.0 (21.0) ³
	G	Nickel silver/OD gold plated	< 25 mOhms	12.0 (16.5) ³
N	Nickel silver/no finish	< 45 mOhms	10.0 (15.5) ³	

Tip Style	Digits	Material/Finish
	See Tips	Heat treated BeCu/gold plated over nickel.

Spring	Letter	Spring Force	Preload	@ 0.107 [2.72] Stroke	Material	Cycle Life @ 0.107 [2.72] Stroke
	L	Low	0.7 [20g/0.19N]	1.5 [43g/0.42N]	SS	1,000,000
	S	Standard	1.7 [48g/0.47N]	3.5 [99g/0.97N]	SS	1,000,000
	H	High	2.2 [62g/0.61N]	5.5 [156g/1.53N]	MW	1,000,000
	X	Extra	3.0 [85g/0.83N]	8.0 [227g/2.22N]	MW	1,000,000
U	Ultra	4.5 [128g/1.25N]	10.0 [283g/2.78N]	MW	250,000	

Option	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. ³

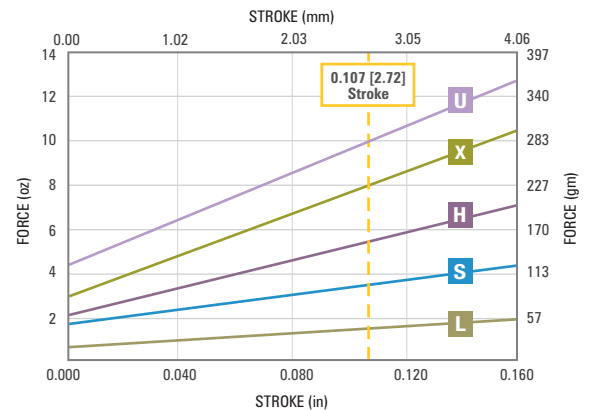
(Blank) No option required

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

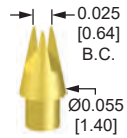
SPRING FORCE



TOOLS & ACCESSORIES

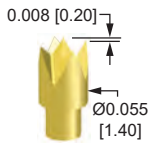
See pages 75-79 for order information.

TRIAD



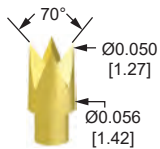
08 Triad

TORCH



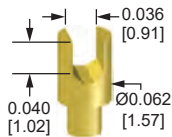
05 Torch

CROWN



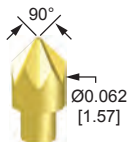
24 Crown

SLOTTED



62 Slotted

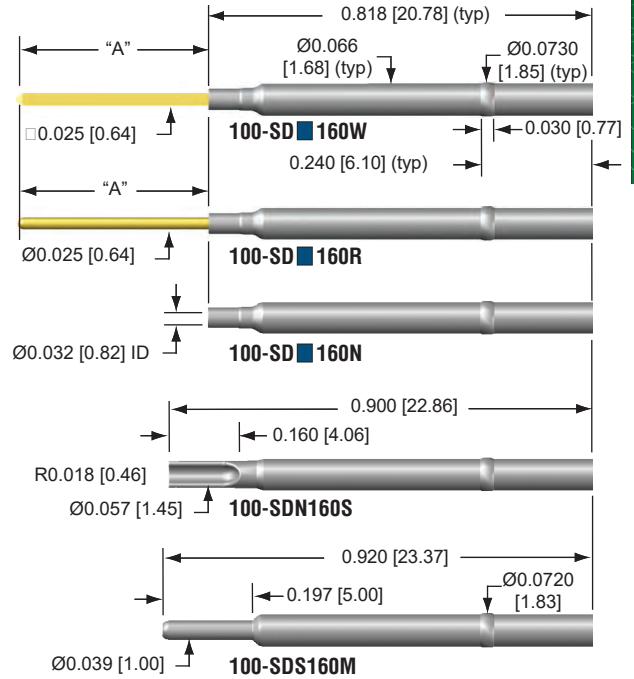
STAR



06 Star

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



100-16 Series

SOCKET P/N 100-SD 160 example: 100-SDG160R

Letter	Material/Finish	NOTES:
Tube		
G	Nickel silver/OD gold plated ⑤	① Not available in G tube material
N	Nickel silver/no finish	② Not available in S tube material
S	Stainless steel/no finish ③	③ Available only in M termination
		④ Available only in S tube material
		⑤ Not available in M or S termination
		* Pin material: Phosphor bronze/gold plated over nickel
Letter	Description	A in (mm)
Termination		
M	Male round tube ④	
N	No termination ②	
S	Solder cup ①②	
R*	Round pin ②	0.410 [10.41]
R1*	Round pin ②	0.547 [13.89]
R3*	Round pin ②	0.216 [5.49]
R5*	Round pin ②	0.947 [24.05]
W*	Square wire wrap pin ②	0.429 [10.90]
W1*	Square wire wrap pin ①②	0.694 [17.63]
W2*	Square wire wrap pin ①②	1.044 [26.52]
W5*	Square wire wrap pin ①②	0.500 [12.70]