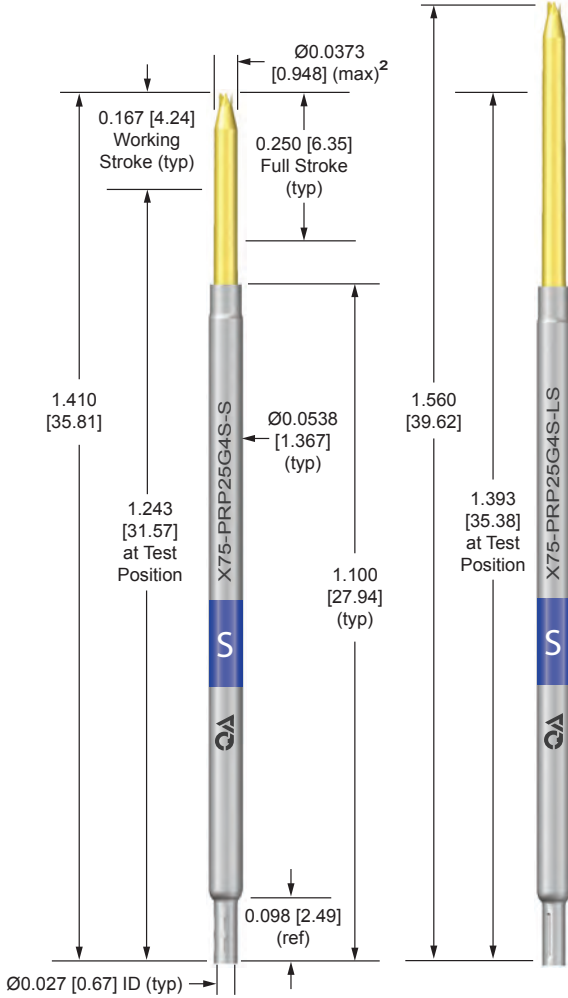




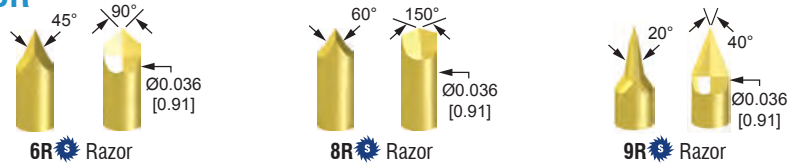
X75-25 Series

0.075 [1.91] Centers | 0.250 [6.35] Full Stroke

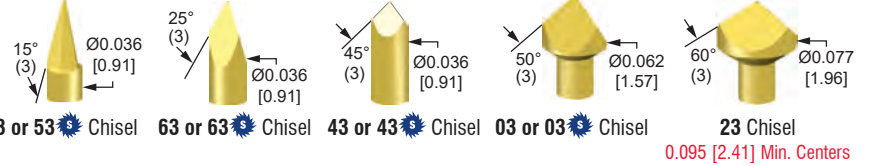
Long Plunger (-L) Option



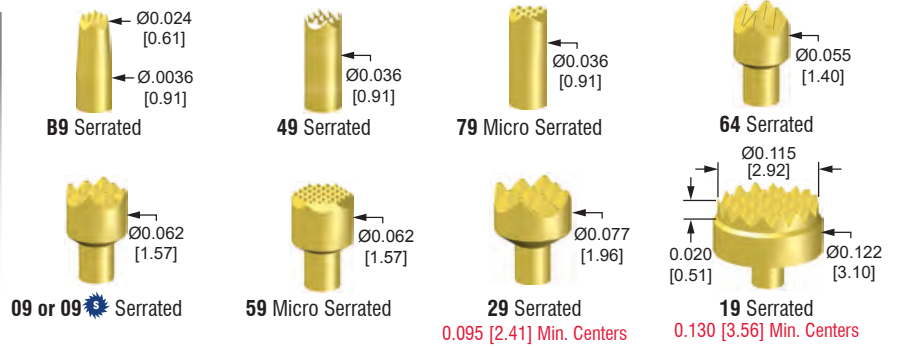
RAZOR



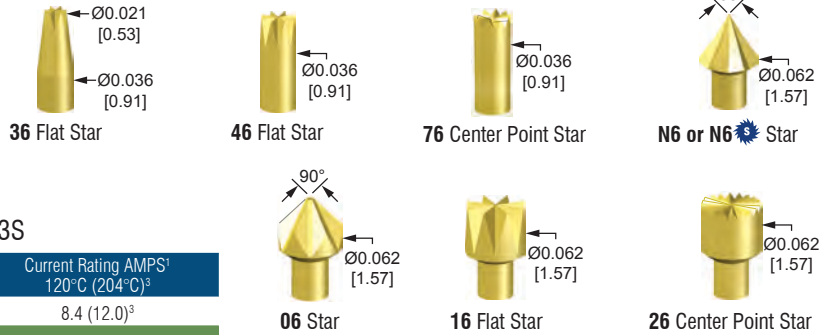
CHISEL



SERRATED



STAR



PROBE P/N X75-PRP25 [Color] example: X75-PRP2503S

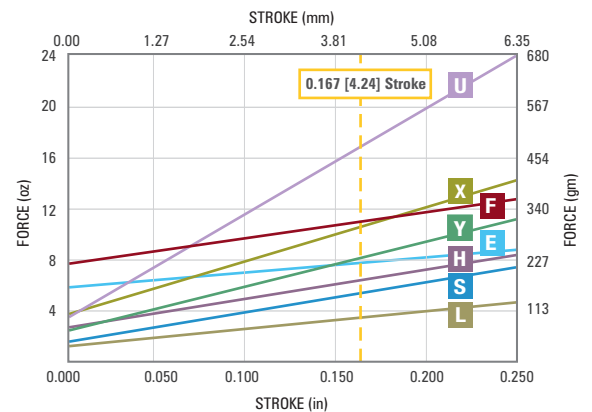
Tube	Letter	Material/Finish	Average Resistance	Current Rating AMPS ¹ 120°C (204°C) ³
	P	Nickel silver/ID precious metal clad	< 25 mOhms	8.4 (12.0) ³

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

Spring	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						
	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

Option	Letter	Description
	L	Long plunger. Must select from 039-40 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

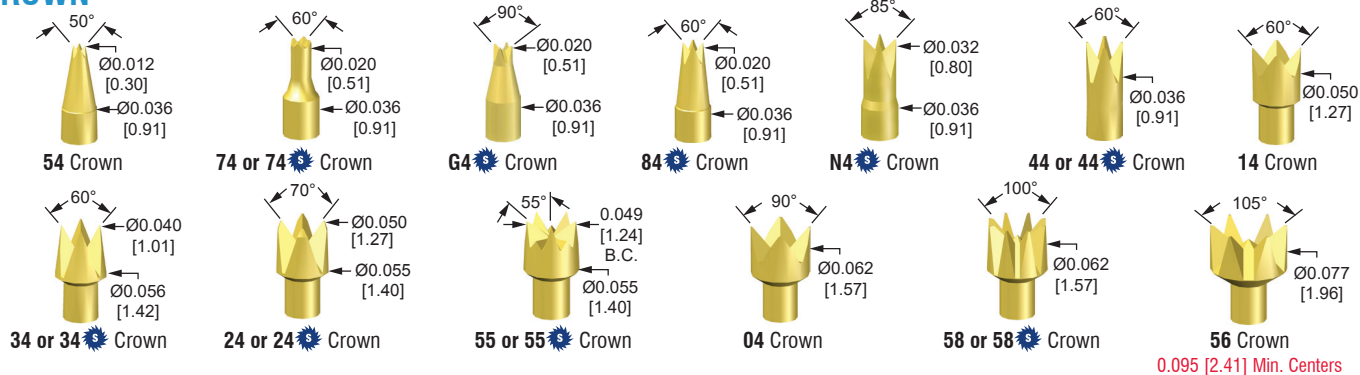
See pages 75-79 for order information.

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.

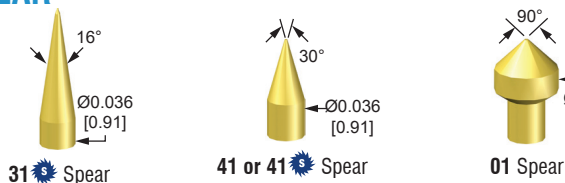
³ Working Temperature Range: -55°C to 120°C with lubrication. SS springs can be used up to 204°C without lubrication.

CROWN

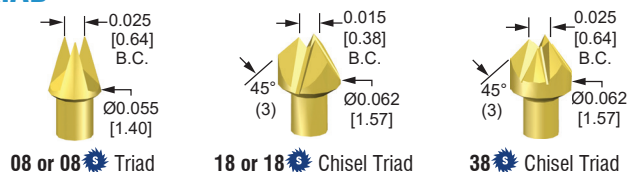


0.095 [2.41] Min. Centers

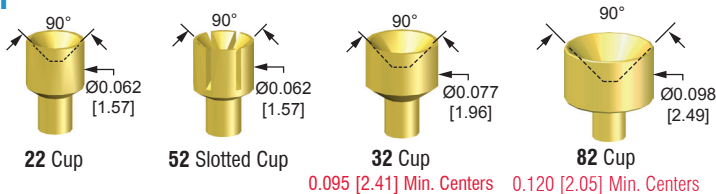
SPEAR



TRIAD



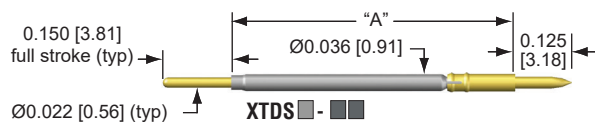
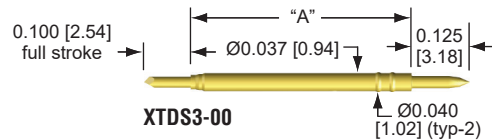
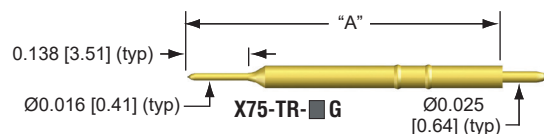
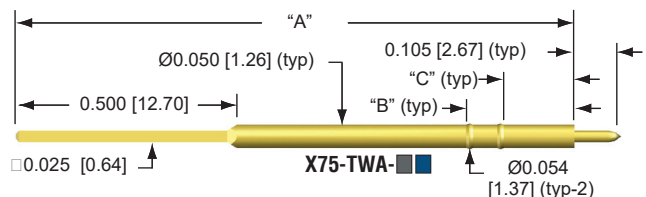
CUP



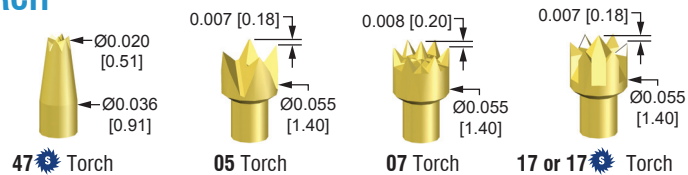
0.095 [2.41] Min. Centers 0.120 [2.05] Min. Centers

TERMINATION PIN See page 67 for order information.

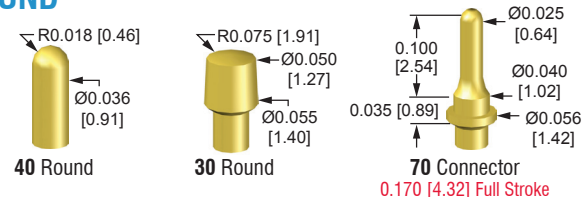
Suggested mounting holes and drill sizes in AT7000, G10/FR4 or similar materials should be gauged in probe plate at 0.0545 / 0.0560 [1.384 / 1.422]; Drill Size #54 or 1.40mm and wired back plate at 0.0515 / 0.0525 [1.308 / 1.333]; Drill Size #55 or 1.35mm or wireless back plate at 0.0380 / 0.0390 [0.965 / 0.990]; Drill Size 1.0mm



TORCH

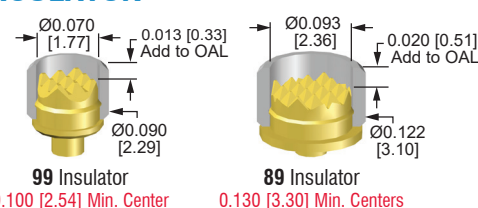


ROUND



0.170 [4.32] Full Stroke

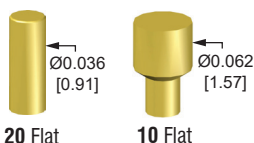
INSULATOR



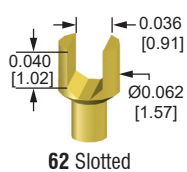
0.100 [2.54] Min. Center

0.130 [3.30] Min. Centers

FLAT



SLOTTED



BLADE

