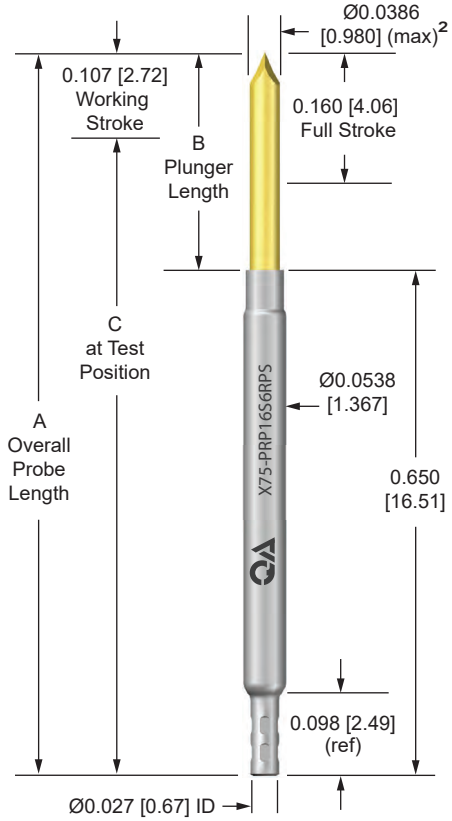
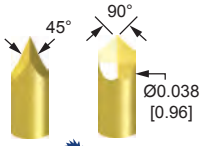
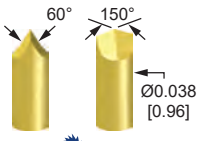


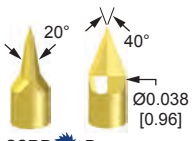
RAZOR



S6RP Razor

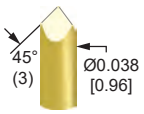


S8RP Razor

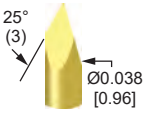


S9RP Razor

CHISEL

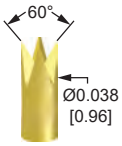


S43P Chisel

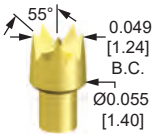


S63P Chisel

CROWN



S44H Crown



S55H Crown

PROBE P/N X75-PRP16 example: X75-PRP16S63PS

	Letter	Material/Finish	Average Resistance	Current Rating AMPS[1] 120°C (204°C)[3]
Tube	P	Nickel silver/ID precious metal clad	< 26 mOhms	6.9 (9.5)[3]

	Letter	Material/Finish
Tip Material	B	Heat treated BeCu/gold plated over nickel
	S	Heat treated steel/gold plated over nickel

	Digits	Description
Tip Style	See Tips	Tip style geometry based on target type

	Letter	Tip Style Availability	Overall Probe Length (A)	Plunger Length (B)	@ Test Position (C)
Plunger Length	H	09, 44, 55	0.870 [22.10]	0.220 [5.59]	0.763 [19.38]
	P	43, 51, 63, 6R, 8R, 9R	0.930 [23.62]	0.280 [7.11]	0.823 [20.90]

	Letter	Spring Force	Preload	@ 0.107 [2.72] Stroke	Material	Cycle Life @ 0.107 [2.72] Stroke
Spring	L	Low	1.3 [37g/0.36N]	3.0 [85g/0.83N]	SS	300,000
	S	Standard	1.9 [54g/0.53N]	4.5 [128g/1.25N]	SS	300,000
	H	High	2.3 [65g/0.64N]	6.0 [170g/1.67N]	SS	300,000
	Y	Elevated	3.0 [85g/0.83N]	8.0 [227g/2.22N]	SS	100,000

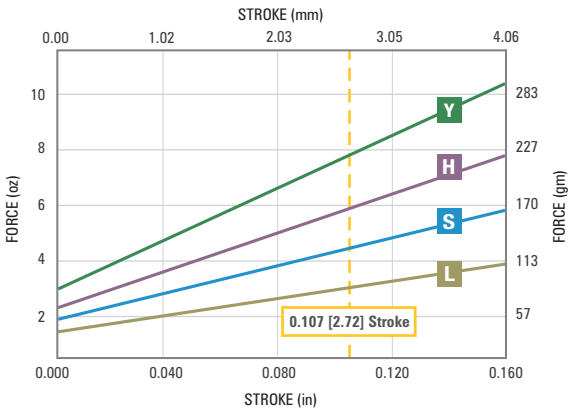
	Letter	Description
Option	N	No probe lubrication. Removing lubrication greatly reduces cycle life and should only be used in applications outside of the working temperature range, see Testing in Extreme Working Temperatures application note for more details.[3]
	(Blank)	No option required

[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: -45°C to 120°C with lubrication. SS springs can be used up to 204°C without lubrication.

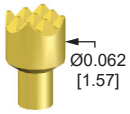
SPRING FORCE



TOOLS & ACCESSORIES

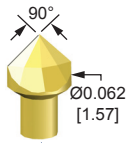
See pages 75-79 for order information.

SERRATED



B09H Serrated

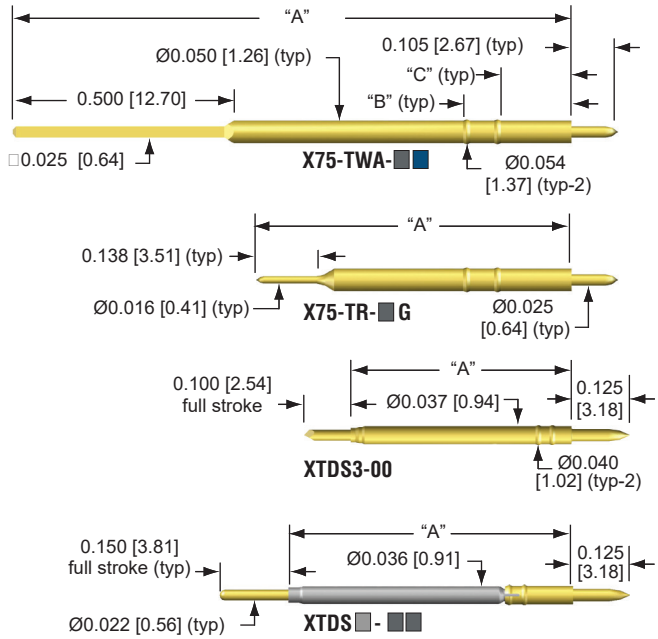
BLADE



S51P Blade

TERMINATION PIN

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



TERMINATION PIN P/N

X75-T■-■■ example: X75-TWA-2G

	Letter	Material/Finish
Termination	DS3	Double-Ended for wireless testing. See page 69 for ordering details.
	R	Round Post. Heat treated BeCu or phos bronze/gold plated over nickel.
	WA	Wire Wrap. Heat treated BeCu or copper alloy/gold or silver plated over nickel.

	Digits	Description	A in (mm)	B in (mm)	C in (mm)
Body	0	Only available in TR	0.271 [6.88]	0.039 [0.99]	0.000 [0.00]
	2	Only available in TWA	0.878 [22.30]	0.079 [2.00]	0.034 [0.86]
		Only available in TR	0.715 [18.16]	0.245 [6.22]	0.160 [4.06]
	5	Only available in TWA	1.265 [32.13]	0.245 [6.22]	0.160 [4.06]
	7	Only available in TWA	1.765 [44.83]	0.245 [6.22]	0.160 [4.06]
	00	Only available in DS	0.475 [12.07]	0.035 [0.89]	0.078 [1.98]
	08	Only available in DS	0.623 [15.82]	0.100 [2.54]	0.149 [3.78]
	14	Only available in DS	0.683 [17.34]	0.159 [4.04]	0.209 [5.31]

	Letter	Material
Plating	G	Gold plated over nickel.
	S	Silver plated over nickel. ①

NOTES: ① Only Available TWA-5

US Patent No. 6,570,399 & 4,885,533