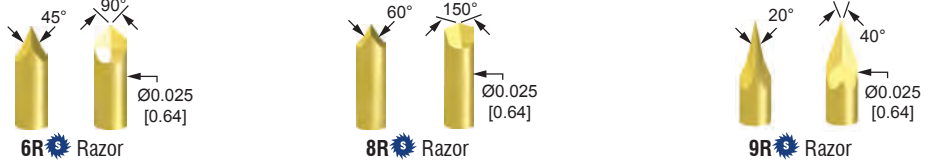
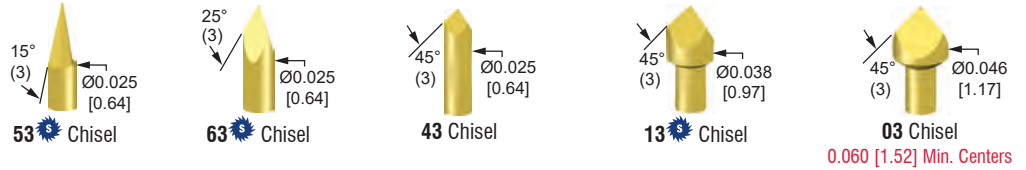


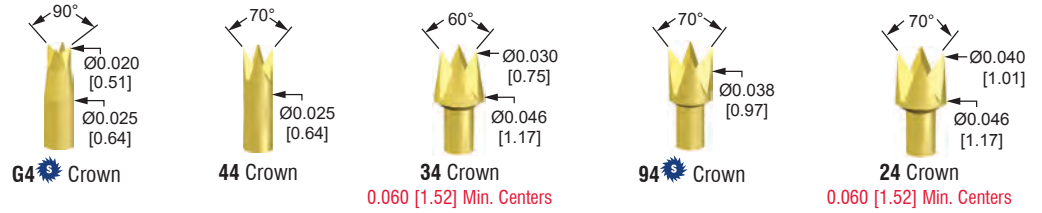
RAZOR



CHISEL



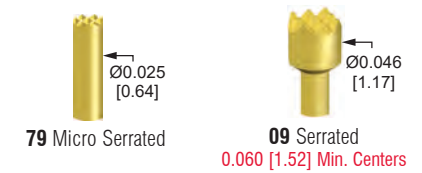
CROWN



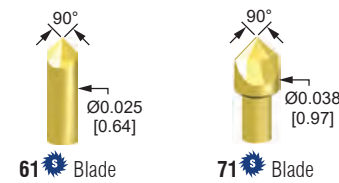
STAR



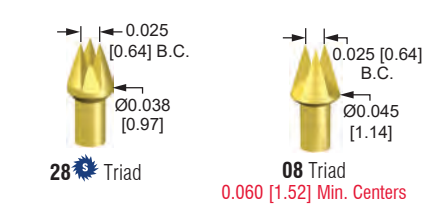
SERRATED



BLADE



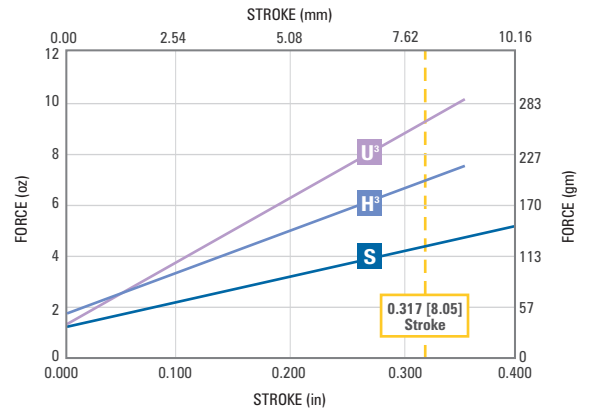
TRIAD



PROBE P/N X50-PRP40- - - example: X50-PRP4044S

Tube	Letter	Material/Finish	Average Resistance	Current Rating AMPS ¹ 120°C (204°C) ⁴		
	P	Nickel silver/ID precious metal clad	< 35 mOhms	5.3 (7.8) ⁴		
Tip Style	Digits	Material/Finish				
	See Tips	Heat treated BeCu/plated gold over nickel. (see S option for steel plungers)				
Spring	Letter	Spring Force	Preload @ 0.317 [8.05] Stroke	Material	Cycle Life @ 0.317 [8.05] Stroke	
	S	Standard	1.2 [34g/0.33N]	4.3 [122g/1.20N]	SS	500,000
	H ³	High	1.7 [48g/0.47N]	7.0 [198g/1.95N]	SS	300,000
	U ³	Ultra	1.3 [37g/0.36N]	9.3 [264g/2.59N]	MW	10,000
Option	Letter	Description				
	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				

SPRING FORCE



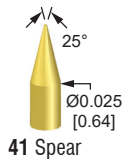
TOOLS & ACCESSORIES

See pages 75-79 for order information.

TERMINATION PIN

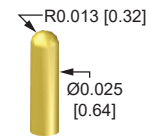
Suggested mounting holes and drill sizes in AT7000, G10/FR4 or similar materials should be gauged in probe plate at 0.0415 / 0.0430 [1.054 / 1.092]; Drill Size #57 or 1.1mm and back plate at 0.0380 / 0.0390 [0.965 / 0.990]; Drill Size 1.0mm

SPEAR



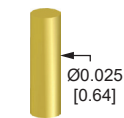
41 Spear

ROUND



40 Round

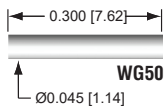
FLAT



20 Flat

WIRE GRIP SLEEVE

For use with G termination pins.

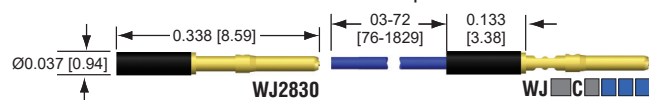


P/N: WG50

Description/Material

To accept 28AWG or 30AWG Kynar solid insulated wire, stripped at 0.120 [3.05], (not included) Nylon sleeve, white

WIRE JACK For use with J termination pins.

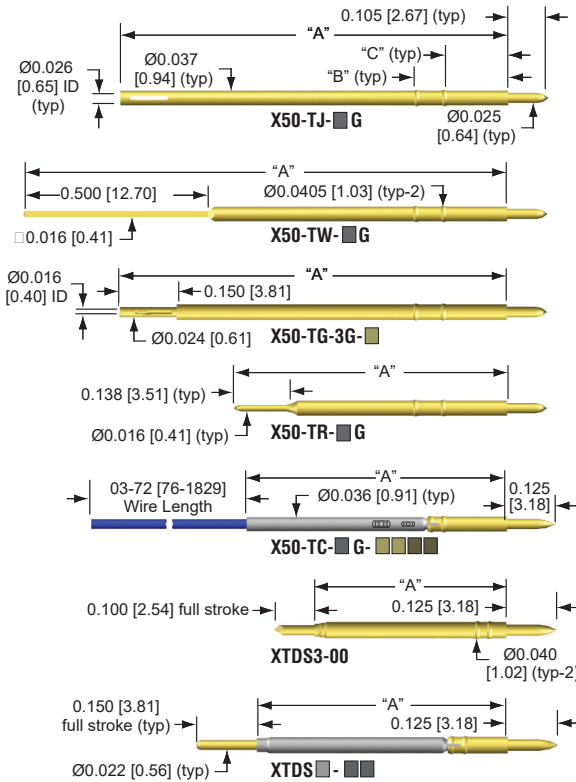


P/N: WJ - example: WJ28C8230

Digit	Description
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
9	White

Wire Length Available for 28C & 30C Termination
Specify Length in inches: 03 – 72 [76-1829]

Option	Letter	Description
S		Stripped Length 0.000/0.669 [0.00/16.99]; Customer to specify in inches



TERMINATION PIN P/N

X50-T - G - example: X50-TW-5G

Letter	Material/Finish
C	Crimped. Termination material: Heat treated BeCu/gold plated over nickel. Tube Material: ID precious metal clad.
DS	Double-ended for wireless testing. See page 69 for ordering details.
G	Wire Grip. Heat treated BeCu/gold plated over nickel, accepts wire grip sleeve.
J	Wire Jack. Heat treated BeCu/gold plated over nickel, accepts wire jack.
R	Round post. Heat treated BeCu/gold plated over nickel.
W	Wire Wrap. Heat treated BeCu/gold plated over nickel.

Digits	Description	A in (mm)	B in (mm)	C in (mm)
0	Only available in TC	0.623 [15.82]	0.149 [3.78]	0.100 [2.54]
0	Only available in TR	0.265 [6.73]	0.040 [1.02]	0.000 [0.00]
1	Only available in TC	0.683 [17.35]	0.209 [5.31]	0.160 [4.06]
1	Only available in TR	0.628 [15.95]	0.078 [1.98]	0.035 [0.89]
2	Only available in TR	0.715 [18.16]	0.245 [6.22]	0.160 [4.06]
2	Only available in TW	0.878 [22.30]	0.078 [1.98]	0.035 [0.89]
3	Only available in TJ or TG	1.015 [25.78]	0.245 [6.22]	0.160 [4.06]
5	Only available in TJ or TW	1.265 [32.13]	0.245 [6.22]	0.160 [4.06]
7	Only available in TW	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 [17.35]	0.159 [4.04]	0.209 [5.31]

Options	Description
3	Available for TG Termination Only
3	X50-TG-3G with WG50 wire grip sleeve
8	Wire Size Available for TC Termination Only
3	30 AWG Kynar insulated solid wire, pre-attached. Specify color and length
8	28 AWG Kynar insulated solid wire, pre-attached. Specify color and length
0	Wire Colors Available for TC Termination Only
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Grey
9	White
0	Wire Length Available for TC Termination
0	Specify Length in inches: 03 – 72 [76-1829]
(Blank)	No option required

X50-40 Series

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

