

# Disposable Probe Tip Selection Guide

Probing Solutions offers a wide selection of disposable Probe Tips to choose from depending on the design process feature to be probed and the environmental, Ambient, Hot, Cold, Hot/Cold conditions required for your specific probing application.

<i>Style</i>	<i>Model</i>	<i>Tip Diameter<sup>*</sup></i>	<i>Point Radius in Microns<sup>*</sup></i>	<i>Point Taper Length<sup>*</sup></i>	<i>Included Angle (degrees)<sup>*</sup></i>	<i>Overall Length<sup>*</sup></i>	<i>Shank Diameter<sup>*</sup></i>	<i>Material</i>	<i>Attributes</i>
Fine-tip	407A	.005"	0.35	.020"	14	1.4"	.020"	Shank: Nickel	bendable shank cat-whisker
	407A-M	.005"	0.35	.020"	14	1.4"	.020"	Tip: Tungsten	bendable shank and tip
Heavy Duty Needle	407B	.020"	0.5	.060"	19	1.4"	.020"	Tungsten	larger targets general purpose  * may be Gold plated, add "G" to part number
	407B-1	.020"	1.0	.070"	16	1.4"	.020"		
	407B-2	.020"	2.0	.090"	13	1.4"	.020"		
	407B-5*	.020"	5.0	.090"	13	1.4"	.020"		
	407B-10*	.020"	10.0	.075"	15	1.4"	.020"		
	407B-25*	.020"	25.0	.080"	14	1.4"	.020"		
	407B-50*	.020"	50.0	.080"	11	1.4"	.020"		
	407B-100*	.020"	100.0	.080"	9	1.4"	.020"		
	407B-200*	.020"	200.0	.080"	3	1.4"	.020"		
Small Targets with 'C' bend	407C	.005"	0.35	.025"	14	1.3"	.020"	Dumet (CU.FE)	bendable shank cat-whisker
Tungsten Carbide	407D	.020"	5.0	.075"	15	1.4"	.020"	Tungsten Carbide	for cutting  <i>High Temperature</i>
	407D-3/4	.020"	5.0	.075"	15	0.75"	.020"		
Small Targets	407F	.001"	0.5	.0027"	21	1.50"	.020"	Shank: Nickel Tip: Tungsten	bendable shank and tip cat-whisker
	407F-10	.001"	10.0	.001"	45	1.50"	.020"		
407F-C10 w/ 'C' bend	407F-C10	.003"	10.0	.004"	37	1.50"	.020"		super flexible
Heavy Duty Needle	407G	.020"	0.5	.060"	19	0.5"	.020"	Tungsten	same as Model 7B but shorter shank length  * may be Gold plated, add "G" to part number
	407G-1	.020"	1.0	.070"	16	0.5"	.020"		
	407G-2	.020"	2.0	.090"	13	0.5"	.020"		
	407G-5*	.020"	5.0	.090"	13	0.5"	.020"		
	407G-10*	.020"	10.0	.075"	15	0.5"	.020"		
	407G-25*	.020"	25.0	.080"	14	0.5"	.020"		
	407G-50*	.020"	50.0	.080"	11	0.5"	.020"		
	407G-100*	.020"	100.0	.080"	9	0.5"	.020"		
	407G-200*	.020"	200.0	.080"	3	0.5"	.020"		
Low Contact Resistance	407H	.020"	1.0	.135"	8	1.4"	.020"	Beryllium Copper	low contact resistance
Very Small Targets	407X	.003"	0.1	.013"	13	1.4"	.020"	Shank: Nickel Tip: Tungsten	bendable shank cat-whisker sharpest probe Bendable
	407X-Short	.003"	0.1	.008"	21	1.4"	.020"		
	407X-M	.003"	0.1	.013"	13	1.4"	.020"		
High Compliance	407S	.005"	0.35	.020"	14	1-5/8"	.020"	Tungsten	very flexible