

# Signatone Probe Tips

Offering a wide variety of passive probe tips to suit virtually every probing requirement. This selection guide is our standard offering / special sizes and materials available.

Model Number	Material	TIP Diameter	Shank Diameter	Length
SE-10T	Tungsten	1 µm	0.254mm	31.75mm
SE-10TZ	Tungsten	1 µm	0.254mm	31.75mm
SE-20BC	Beryllium Copper	12 µm	0.51mm	19mm
SE-20BCB	Beryllium Copper	125 µm	0.51mm	19mm
SE-20T	Tungsten	3.5 µm	0.51mm	31.75mm
SE-20TB	Tungsten	20 µm	0.51mm	31.75mm
SE-20TBL	Tungsten	20 µm	0.51mm	50.1mm
SE-20TZ	Tungsten	3.5 µm	0.51mm	31.75mm
SE-O	Osmium	12 µm	0.63mm	19mm
SE-P	Palladium	12 µm	0.63mm	19mm
SE-S	Steel	12 µm	0.63mm	28.45mm
SE-SM	Tungsten	1 µm	0.51mm	50.1mm
SE-SMS	Tungsten	0.2 µm	0.51mm	50.1mm
SE-T	Tungsten	5 µm	0.63mm	31.75mm
SE-TB	Tungsten	25 µm	0.63mm	31.75mm
SE-TC	Tungsten Carbide	12 µm	0.63mm	31.75mm
SE-TG	Gold Plated Tungsten	10 µm	0.51mm	31.75mm
SE-TL	Tungsten	5 µm	0.63mm	50.1mm
SE-TZ	Tungsten	5 µm	0.63mm	31.75mm
SM-10	Tungsten	0.2 µm	0.51mm	30.5mm
SM-35	Tungsten	0.7 µm	0.51mm	30.5mm

Probes with tungsten shank can be cut and bent to a particular shape by the end user.

Z bend models are also available, for more information, contact [sales@signatone.com](mailto:sales@signatone.com)

Packaging: Tips are sold by the box including quantity of 5 tips.

Discounts available on quantity purchases of 20-100 box, +100 boxes.

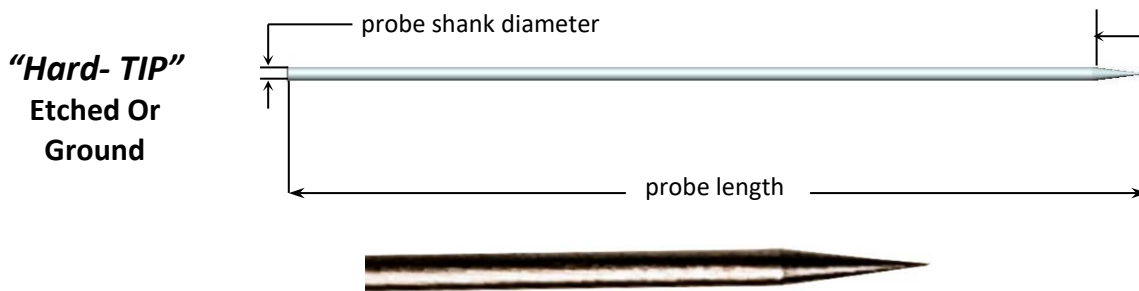
(contact factory for details)



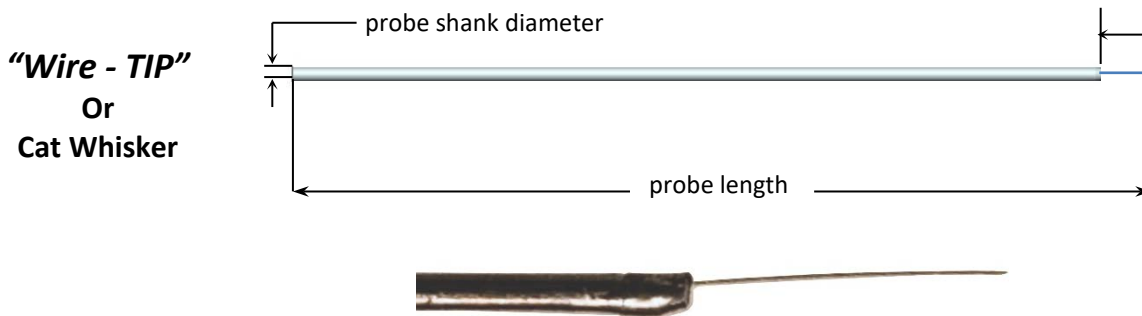
## Signatone Probe Tips

### There are basically two body styles of probe tips "Hard & Wire":

The most common style probe tip (referred to as "Hard-TIP") includes a taper or angle from the probe shaft to the tip. This effect is achieved by etching or a grinding process on the material allowing more mass at the tip end. (recommended for probing through passivation or hard materials)



The unique style probe tip (referred to as "Wire or Cat Whisker") includes straight probe shaft with a fine wire etched to a sub-micron tip and attached to the end. This configuration of probe tip allows for a very fine- sharp and flexible tip while maintaining a larger more durable shank. (recommended for probing small un-passivated lines)



#### Wire Tip (Cat-Whisker) Probes

Model Number	Material	TIP Diameter	Shank Diameter	Length
SE-SM	Tungsten	1 $\mu\text{m}$	0.51mm	50.1mm
SE-SMS	Tungsten	0.2 $\mu\text{m}$	0.51mm	50.1mm
SM-10	Tungsten	0.2 $\mu\text{m}$	0.51mm	33mm
SM-35	Tungsten	0.7 $\mu\text{m}$	0.51mm	33mm

## ❖ WARRANTY

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- Please Note that Probe Tips and Probe Tip Holders are considered a consumable item and may not be returned after use.
- Standard Warranty 12 months \*
- For Extended Warranty and Service Contracts: Contact Signatone Corp. for more information

*\* See Signatone Corporate Terms and Conditions of Sale for further details.*

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