



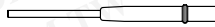

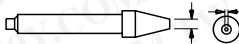
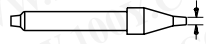

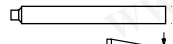
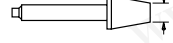


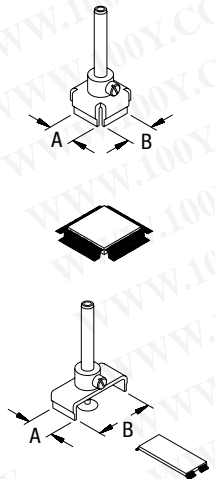
**Tip Selection:** One of the most important aspects for successful solder removal is the selection of the proper size tip. There are several points to keep in mind.

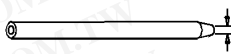
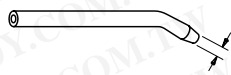
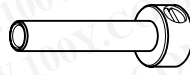
1. The Inside Diameter (I.D.) of the tip must be large enough to fit over the lead, while providing sufficient room so that air and solder can be drawn through the tip.
2. The Outside Diameter (O.D.) of the tip must be slightly smaller than the diameter of the pad to prevent tip contact to the board laminate and minimize the possibility of damage.

TIPS	DESCRIPTION	DIAMETER	PART NUMBERS
<b>Endura Desoldering Tips for the SX-80 and SX-70</b>			
	Thermo-Drive	0.76mm (0.030") I.D. X 2.03mm (0.080") O.D.	1121-0625-P5
	Thermo-Drive	1.02mm (0.040") I.D. X 2.29mm (0.090") O.D.	1121-0624-P5
	Thermo-Drive	1.52mm (0.060") I.D. X 3.05mm (0.120") O.D.	1121-0626-P5
	Thermo-Drive	2.29mm (0.090") I.D. X 5.1mm (0.200") O.D.	1121-0627-P5
	Thermo-Drive, Flathead	(0.050") x (0.090") I.D. X (0.110") x (0.190") O.D.	1121-0821-P5
	Extended Reach Thermo-Drive	0.76mm (0.030") I.D. X 2.29mm (0.090") O.D.	1121-0628-P5
	Extended Reach Thermo-Drive	1.02mm (0.040") I.D. X 2.54mm (0.10") O.D.	1121-0629-P5
	Extended Reach Thermo-Drive	1.52mm (0.060") I.D. X 3.05mm (0.120") O.D.	1121-0630-P5
	Precision	0.50mm (0.020") I.D. X 1.79mm (0.070") O.D.	1121-0680-P5
	Precision	0.76mm (0.030") I.D. X 2.03mm (0.080") O.D.	1121-0678-P5
	Precision	1.02mm (0.040") I.D. X 2.29mm (0.090") O.D.	1121-0679-P5
	Precision	1.52mm (0.060") I.D. X 2.79mm (0.110") O.D.	1121-0690-P5
	Precision	2.29mm (0.090") I.D. X 3.55mm (0.140") O.D.	1121-0695-P5
	Flo-D-Sodr	1.52mm (0.060") I.D. X 4.78mm (0.188") O.D.	1121-0631-P5
	Flo-D-Sodr, Precision	0.50mm (0.020") I.D. X 1.78mm (0.070") O.D.	1121-0681-P5
	Flo-D-Sodr, Precision	0.76mm (0.030") I.D. X 2.03mm (0.080") O.D.	1121-0682-P5
	Flo-D-Sodr, Precision	1.02mm (0.040") I.D. X 2.29mm (0.090") O.D.	1121-0683-P5
<b>SX-70 Thermo-Drive Desoldering Tip (Cannot be used in the SX-80)</b>			
	Tip (3/16" Shank Diameter)		
		0.76mm (0.030") I.D. x 1.52mm (0.060") O.D.	1121-0367-P5
		1.02mm (0.040") I.D. x 1.78mm (0.070") O.D.	1121-0342-P5
		1.52mm (0.060") I.D. x 2.54mm (0.100") O.D.	1121-0368-P5
		2.29mm (0.090") I.D. x 4.8mm (0.190") O.D.	1121-0507-P5
<b>SX-70 Extended Reach Thermo-Drive Desoldering Tip (Cannot be used in the SX-80)</b>			
	Tip (3/16" Shank Diameter)		
		0.76mm (0.030") I.D. x 1.91mm (0.075") O.D.	1121-0505-P5
		1.02mm (0.040") I.D. x 2.16mm (0.085") O.D.	1121-0494-P5
		1.52mm (0.060") I.D. x 2.69mm (0.106") O.D.	1121-0506-P5
<b>SX-70 Long-Life Desoldering Tips (Cannot be used in the SX-80)</b>			
	Tip (3/16" Shank Diameter)		
		0.76mm (0.030") I.D. x 1.91mm (0.075") O.D.	1121-0462-P5
		1.02mm (0.040") I.D. x 2.16mm (0.085") O.D.	1121-0463-P5
		1.52mm (0.060") I.D. x 2.69mm (0.106") O.D.	1121-0464-P5
<b>SX-70 Flo-D-Sodr Tips (Cannot be used in the SX-80)</b>			
	Tips (3/16" Shank Diameter)		
		1.52mm (0.060") I.D. x 4.77mm (0.188") O.D.	1121-0369-P5
	Long-Life Tip		
		1.52mm (0.060") I.D. x 4.98mm (0.196") O.D.	1121-0465-P5

# Sodr-X-Tractor Tips

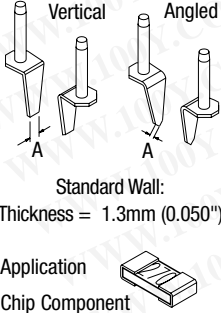
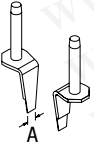
## SensaTemp Handpiece Tips

TIPS	DESCRIPTION	TIP SIZE A X B	PART NUMBERS
	<b>SX-80 and SX-70 Surface Mount Removal Pik-Tips</b>		
	TQFP-28	8.2mm x 8.2mm (0.322" x 0.322")	1121-0571-P1
	TQFP-32	8.7mm x 8.7mm (0.344" x 0.344")	1121-0572-P1
	TQFP-52	12.0mm x 12.0mm (0.472" x 0.472")	1121-0573-P1
	TQFP-40	12.0mm x 12.0mm (0.472" x 0.472")	1121-0574-P1
	TQFP-80	13.2mm x 13.2mm (0.520" x 0.520")	1121-0575-P1
	TQFP-80/100	15.3mm x 15.3mm (0.604" x 0.604")	1121-0576-P1
	TQFP-144	21.6mm x 21.6mm (0.85" x 0.85")	1121-0604-P1
	TQFP-112	22.1mm x 22.1mm (0.87" x 0.87")	1121-0605-P1
	PQFP-80/100	16.8mm x 22.9mm (0.66" x 0.90")	1121-0603-P1
	TSOP-28	8.1mm x 12.7mm (0.320" x 0.500")	1121-0567-P1
	TSOP-32	8.1mm x 19.3mm (0.320" x 0.760")	1121-0566-P1
	TSOP-40	9.9mm x 19.3mm (0.390" x 0.760")	1121-0568-P1
TSOP-56	14.2mm x 19.3mm (0.560" x 0.760")	1121-0569-P1	

DESCRIPTION	DIAMETER	PART NUMBERS
<b>Micro Tips for SX-65A/55A/55 60 Watt/40A Handpieces</b>		
3.175mm (1/8") O.D.	0.76mm (0.030")	1121-0253-P5
	0.76mm (0.030") - Thin Wall	1121-0485-P5
	1.02mm (0.040")	1121-0254-P5
	1.02mm (0.040") - Thin Wall	1121-0486-P5
	1.52mm (0.060")	1121-0255-P5
	0.76mm (0.030")	1121-0261-P5
	1.02mm (0.040")	1121-0262-P5
	1.52mm (0.060")	1121-0267-P5
	*Allows all 3.175mm (1/8") shank Micro Tips to be used with the SX-70 Sodr-X-Tractor.	
ADAPTIP*		1360-0083-P1
		1360-0083-P5

DESCRIPTION	I. D. NOMINAL		O. D. REFERENCE		PART NUMBERS
<b>Super Tips for SX-25/SX-25V/SX-20 Sodr-X-Tractors only</b>					
	in.	mm	in.	mm	
	0.020	0.51	0.053	1.34	1121-0213-P25
	0.030	0.76	0.080	2.03	1121-0214-P25
	0.030	0.76	0.070	1.78	1121-0480-P25
	0.040	1.02	0.080	2.03	1121-0215-P25
	0.040	1.02	0.070	1.78	1121-0479-P25
	0.050	1.27	0.085	2.16	1121-0216-P25
	0.060	1.52	0.104	2.64	1121-0217-P25
	0.090	2.29	0.125	3.17	1121-0091-P25

SensaTemp Handpieces Tips

TIPS	DESCRIPTION	TIP SIZE	PART NUMBERS
<b>Tips for TT-65 Handpiece</b>			
 <p>Vertical</p> <p>Angled</p> <p>Standard Wall: Thickness = 1.3mm (0.050")</p> <p>Application Chip Component</p>	Surface Mount Component Removal Tips		
	Chip Component (vertical)	A=0.76mm (0.03")	1121-0398-P1
	Chip Component (vertical)	A=2.0mm (0.08")	1121-0313-P1
	Chip Component (vertical)	A=4.1mm (0.16")	1121-0399-P1
	Chip Component (vertical) Small SOIC	A=6.4mm (0.25")	1121-0401-P1
	45° Angled Chip Component	A=2.54mm (0.10")	1121-0436-P1
 <p>Thin-Wall: Thickness = 0.43mm (0.017")</p> <p>Application Chip Component</p>	Thin-Walled Chip Component (vertical)	A=0.76mm (0.03")	1121-0520-P1
	Thin-Walled Chip Component (vertical)	A=2.0mm (0.08")	1121-0521-P1
	Thin-Walled Chip Component (vertical)	A=4.1mm (0.16")	1121-0522-P1
	Thin-Walled Chip Component and Small SOIC (vertical)	A=6.4mm (0.25")	1121-0523-P1
	1/64" Angled Fine Point Conical Chip Component	A=0.43mm (0.017")	1121-0517-P1