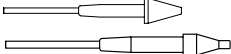
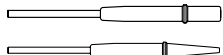
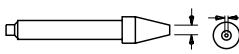
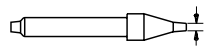
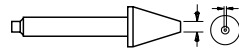
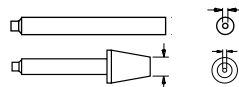


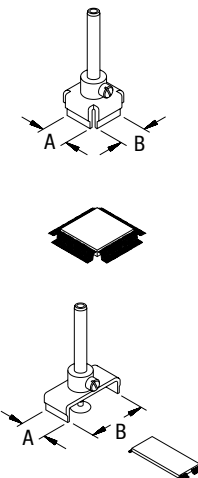
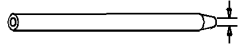
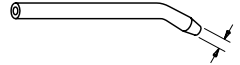
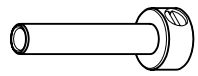
Tip Selection: One of the most important aspects for successful solder removal is the selection of the proper size tip. There are several points to keep in mind.

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.

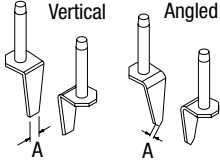
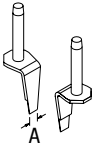
TIPS	DESCRIPTION	DIAMETER	PART NUMBERS
Endura Desoldering Tips for the SX-80 and SX-70			
	Thermo-Drive	0.76mm (0.030") I.D. X 2.03mm (0.080") O.D.	1121-0625-P5
	Thermo-Drive	1.02mm (0.040") I.D. X 2.29mm (0.090") O.D.	1121-0624-P5
	Thermo-Drive	1.52mm (0.060") I.D. X 3.05mm (0.120") O.D.	1121-0626-P5
	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
SX-70 Thermo-Drive Desoldering Tip (Cannot be used in the SX-80)			
	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
SX-70 Extended Reach Thermo-Drive Desoldering Tip (Cannot be used in the SX-80)			
	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
SX-70 Long-Life Desoldering Tips (Cannot be used in the SX-80)			
	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
SX-70 Flo-D-Sodr Tips (Cannot be used in the SX-80)			
	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		
	SX-80 and SX-70 Surface Mount Removal Pik-Tips				
	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		
	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		
	ADAPTIP*				
		*Allows all 3.175mm (1/8") shank Micro Tips to be used with the SX-70 Sodr-X-Tractor.	1360-0083-P1 1360-0083-P5		
DESCRIPTION		I. D. NOMINAL	O. D. REFERENCE	PART NUMBERS	
Super Tips for SX-25/SX-25V/SX-20 Sodr-X-Tractors only					
	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
Tips for TT-65 Handpiece			
 Vertical Angled Standard Wall: Thickness = 1.3mm (0.050") Application Chip Component 	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
 Thin-Wall: Thickness = 0.43mm (0.017")	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
 Application Chip Component 	1/64" Angled Fine Point Conical Chip Component	A=0.43mm (0.017")	1121-0517-P1