







SX-100 / SX-90 Desoldering Tips

Tips 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.

For the SX-100 / SX-90 - 3/16" Shank Diameter

Tips	Description	Diameter	SX-100/SX-90 P/N*	Endura P/N**	
	Thermo-Drive	0.76mm (0.030") I.D. X 2.03mm (0.080") O.D.	1121-0930-P5	1121-0625-P5	
	Thermo-Drive	1.02mm (0.040") I.D. X 2.29mm (0.090") O.D.	1121-0931-P5	1121-0624-P5	
	Thermo-Drive	1.52mm (0.060") I.D. X 3.05mm (0.120") O.D.	1121-0932-P5	1121-0626-P5	
	Thermo-Drive	2.29mm (0.090") I.D. X 5.1mm (0.200") O.D.	1121-0933-P5	1121-0627-P5	
	Thermo-Drive	4mm (0.16") I.D. X 5.1mm (0.200") O.D.	1121-0951-P5		
 	Thermo-Drive, Flathead	1.27mm (0.050") x 2.28mm (0.090") I.D. x 2.79mm (0.110") x 4.82mm (0.190") O.D.	1121-0934-P5	1121-0821-P5	
	Extended Reach Thermo-Drive	0.78mm (0.030") I.D. X 2.29mm (0.090") O.D.	1121-0935-P5	1121-0628-P5	
	Extended Reach Thermo-Drive	1.02mm (0.040") I.D. X 2.54mm (0.10") O.D.	1121-0936-P5	1121-0629-P5	
	Extended Reach Thermo-Drive	1.52mm (0.060") I.D. X 3.05mm (0.120") O.D.	1121-0937-P5	1121-0630-P5	
	ThermoMax	0.76mm (0.030") I.D. X 1.91mm (0.075") O.D.	1121-0938-P5	1121-0882-P5	
	ThermoMax	1.02mm (0.040") I.D. X 2.20mm (0.085") O.D.	1121-0939-P5	1121-0883-P5	
	ThermoMax	1.52mm (0.060") I.D. X 2.69mm (0.106") O.D.	1121-0940-P5	1121-0884-P5	
		Precision	0.50mm (0.020") I.D. X 1.79mm (0.070") O.D.	1121-0941-P5	1121-0680-P5
		Precision	0.76mm (0.030") I.D. X 2.03mm (0.080") O.D.	1121-0942-P5	1121-0678-P5
Precision		1.02mm (0.040") I.D. X 2.29mm (0.090") O.D.	1121-0943-P5	1121-0679-P5	
Precision		1.52mm (0.060") I.D. X 2.79mm (0.110") O.D.	1121-0944-P5	1121-0690-P5	
Precision		0.635mm (0.025") I.D X 1.39mm (0.055") O.D.	1121-0949-P5		
Precision		0.635mm (0.025") I.D X 1.14mm (0.045") O.D.	1121-0950-P5		
 	Flo-D-Sodr	1.52mm (0.060") I.D. X 4.78mm (0.188") O.D.	1121-0945-P5	1121-0631-P5	
	Flo-D-Sodr, Precision	0.50mm (0.020") I.D. X 1.78mm (0.070") O.D.	1121-0946-P5	1121-0681-P5	
	Flo-D-Sodr, Precision	0.76mm (0.030") I.D. X 2.03mm (0.080") O.D.	1121-0947-P5	1121-0682-P5	
	Flo-D-Sodr, Precision	1.02mm (0.040") I.D. X 2.29mm (0.090") O.D.	1121-0948-P5	1121-0683-P5	

*SX-100//SX-90 tips can only be used with SX-100/SX-90 heaters date code 10-06 or later. **Endura tips should only be in the SX-80.

SX-100 Surface Mount Removal Pik-Tips

Tips	Description	Tip Size A X B	Part Number
      	TSOP-32	8.1mm (0.320") x 12.7mm (0.500")	1121-0566-P1
	TSOP-28	8.1mm (0.320") x 19.3mm (0.760")	1121-0567-P1
	TSOP-40	9.9mm (0.390") x 19.3mm (0.760")	1121-0568-P1
	TSOP-56	14.2mm (0.560") x 19.3 mm (0.760")	1121-0569-P1
	TQFP-28	8.2mm (0.322") x 8.23mm (0.3220")	1121-0571-P1
	TQFP-32	8.7mm (0.344") x 8.7mm (0.344")	1121-0572-P1
	TQFP-52	12mm (0.472") x 12mm (0.472")	1121-0573-P1
	TQFP-40	12mm (0.472") x 12mm (0.472")	1121-0574-P1
	TQFP-80	13.2mm (0.520") x 13.2mm (0.520")	1121-0575-P1
	TQFP-80/100	15.3mm (0.604") x 15.3mm (0.604")	1121-0576-P1
	PQFP-80/100	16.8mm (0.660") x 22.9mm (0.900")	1121-0603-P1
	TQFP-144	21.6mm (0.850") x 21.6mm (0.850")	1121-0604-P1
	TQFP-112	22.1mm (0.870") x 22.3mm (0.870")	1121-0605-P1

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