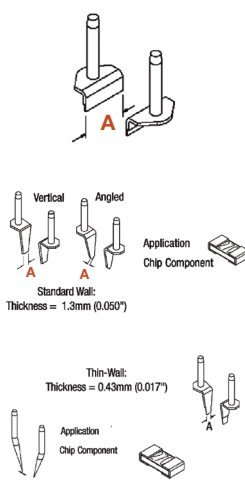
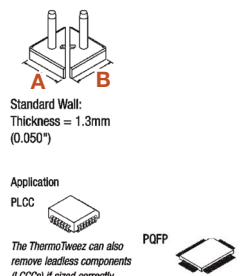
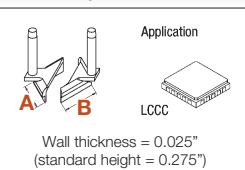
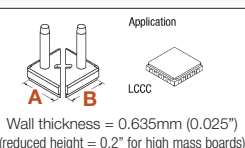


# TT-65 SMT Removal Tips

Chip Removal Tips	Description	Tip Size	Part Number
 <p>Standard Wall: Thickness = 1.3mm (0.050")</p> <p>Thin-Wall: Thickness = 0.43mm (0.017")</p>	<b>SOIC, SOJ, SIMMs</b>	A=7.6mm (0.3")	1121-0512-P1
	<b>SOIC, SOJ, SIMMs</b>	A=10.2mm (0.4")	1121-0514-P1
	<b>SOIC, SOJ, SIMMs</b>	A=12.7mm (0.5")	1121-0473-P1
	<b>SOIC, SOJ, SIMMs</b>	A=17.8mm (0.7")	1121-0416-P1
	<b>SOIC, SOJ, SIMMs</b>	A=20.3mm (0.8")	1121-0497-P1
	<b>SOIC, SOJ, SIMMs</b>	A=25.4mm (1.0")	1121-0448-P1
	<b>Chip Component</b>	A=0.76mm (0.03")	1121-0398-P1
	<b>Chip Component</b>	A=2.0mm (0.08")	1121-0313-P1
	<b>Chip Component</b>	A=4.1mm (0.16")	1121-0399-P1
	<b>Chip Component, Small SOIC</b>	A=6.4mm (0.25")	1121-0401-P1
<b>Thin-Walled Chip Component</b>	A=0.76mm (0.03")	1121-0520-P1	
<b>Thin-Walled Chip Component</b>	A=2.0mm (0.08")	1121-0521-P1	
<b>1/64" Angled Fine Point Conical</b>	A=0.43mm (0.017")	1121-0517-P1	
PLCC Removal Tips	Description	Tip Size A X B	Part Number
 <p>Standard Wall: Thickness = 1.3mm (0.050")</p> <p>The ThermoTweez can also remove leadless components (LCCs) if sized correctly.</p>	<b>PLCC-20</b>	6.86mm x 6.86mm (0.27" x 0.27")	1121-0316-P1
	<b>PLCC-28</b>	9.4mm x 9.4mm (0.37" x 0.37")	1121-0317-P1
	<b>PLCC-32</b>	12.2mm x 9.65mm (0.48" x 0.38")	1121-0352-P1
	<b>PLCC-44, PQFP-84</b>	14.5mm x 14.5mm (0.57" x 0.57")	1121-0318-P1
	<b>PLCC-52, PQFP-100</b>	17.0mm x 17.0mm (0.67" x 0.67")	1121-0319-P1
	<b>PLCC-68, PQFP-132</b>	21.9mm x 21.9mm (0.86" x 0.86")	1121-0320-P1
	<b>PLCC-84, PQFP-160</b>	26.9mm x 26.9mm (1.06" x 1.06")	1121-0321-P1
Thin-Walled Surface Mount Removal Tips	Description	Tip Size A X B	Part Number
 <p>Wall thickness = 0.025" (standard height = 0.275")</p>	<b>Removal Tips for Motorola Pager LCCC Packages and Small, Fine-Pitch PQFPs</b>	6.6mm x 6.6mm (0.26" x 0.26")	1121-0417-P1
			9.16mm x 8.89mm (0.40" x 0.35")
LCC Removal Tips	Description	Tip Size A X B	Part Number
 <p>Wall thickness = 0.635mm (0.025") (reduced height = 0.2" for high mass boards)</p>	<b>Removal Tips for LCC Packages and Small, Fine-Pitch PQFPs</b>	8.89mm x 6.35mm (0.35" x 0.25")	1121-0452-P1
			21.6mm x 21.6mm (0.85" x 0.85")