



American Hakko Products, Inc.

# PRODUCT BULLETIN

**Bulletin No:** PB356

**Issue Date:** 3-10-2015

**Available:** 3-17-2015

**Product Description:**


HAKKO FX-650 Soldering Iron and T34 Series Tips

**Part No:**

FX650-02/P



**Specification:**

<b>Model</b>	FX-650
<b>Input Voltage</b>	120 VAC 50/60 Hz
<b>Power Consumption</b>	15W
<b>Max Temperature</b>	480°C (896°F)
<b>Temperature Stability</b>	±5°C (±9°F)
<b>Heating Element</b>	Ceramic
<b>Insulation Resistance</b>	100 M Ohms
<b>Replacement Tips</b>	T34 Series
<b>Standard Tip</b>	T34-B
<b>Grip Diameter</b>	15 mm
<b>Reach</b>	1.8 m (6 ft.)
<b>Length (w/o Cord)<sup>1</sup></b>	224 mm (8.8 in.)
<b>Weight (w/o Cord)<sup>1</sup></b>	60 g (0.13 lb.)
<b>Shipping Dimensions (W x H x D)</b>	112 x 280 x 51 mm (4.4 x 11 x 2 in.)
<b>Shipping Weight<sup>1</sup></b>	0.18 kg (0.4 lb.)
<b>Safety Approval</b>	

<sup>1</sup>Includes standard tip

**Comments:**

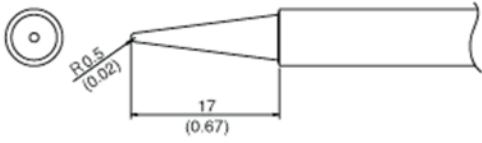
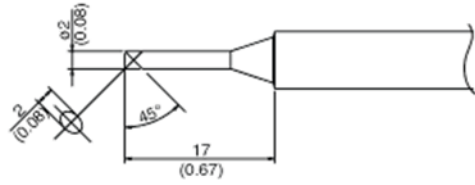
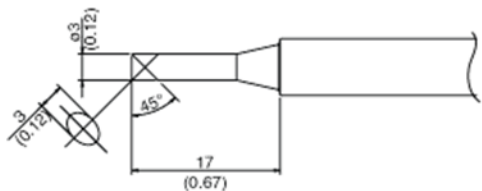
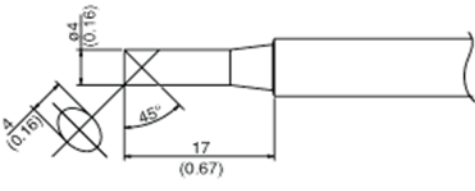
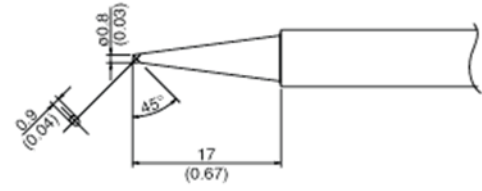
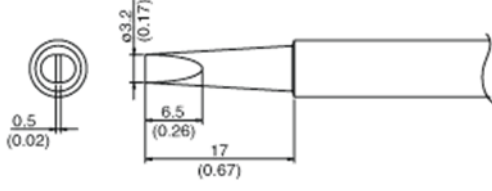
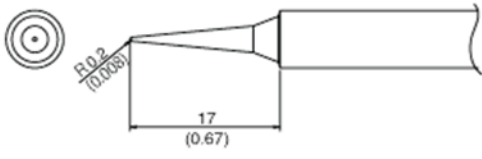
The HAKKO FX-650 is a slender, lightweight, entry level soldering iron that is an update on the popular DASH series of soldering irons that HAKKO has provided to the DIY electronics market for decades. The new design uses a highly efficient ceramic heater and new T34 Series Tips that integrate tip and enclosure, simplifying the process for changing tips. The HAKKO FX-650 also comes with a basic iron stand and a small sample of lead-free solder, so you are ready to go, right out of the box.

Included Accessories	
Part Number	Description
--	Lead Free Solder Sample
--	Basic Iron Holder

Solder Specifications	
<b>Type</b>	Lead Free (Sn-0.7Cu)
<b>Diameter</b>	1.0mm (0.040 in.)
<b>Length</b>	275 mm (10.8 in.)
<b>Weight</b>	15 g (0.03 lb.)



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T34 Series Tips	
<p>T34-B SHAPE-B</p> 	<p>T34-C2 SHAPE-2C</p> 
<p>T34-C3 SHAPE-3C</p> 	<p>T34-C4 SHAPE-4C</p> 
<p>T34-C08 SHAPE-0.8C</p> 	<p>T34-D32 SHAPE-3.2D</p> 
<p>T34-I SHAPE-I</p> 	

All tips are lead-free compatible.

For more information please visit us at [www.HakkoUSA.com](http://www.HakkoUSA.com)