



American Hakko Products, Inc.

# PRODUCT BULLETIN

**Bulletin No:** PB468

**Issue Date:** 7-11-2023

**Effective Date:** 8-1-2023

**Description/Title:**

New HAKKO FX-9707 Heavy-Duty Iron

**Part No:**

FX9707-81, FX9707-011, T53-B05, T53-BC2030, T53-BC4060, T53-BC6090, T53-D16, T53-D24, T53-D32, T53-D45, T53-D52, T53-DR32, T53-DR45, T53-DR52, T53-K, T53-BCR1645, FX9708-81, FX9708-011, B5345, B5346, B5347



**Comments:**

The new HAKKO FX-9707 Heavy-Duty Soldering Iron is designed for use with the new HAKKO FX-972 Dual-Port Soldering Station. The FX-9707 features a lightweight, ergonomic design with a slimmer cord assembly to reduce the weight felt by the user, a built-in sensor to detect when the iron is in use or should be put to sleep, and uses newly designed T53 Series tips with higher power output and optimized geometries to achieve peak performance of the HAKKO Composite Ceramic™ heater at its heart. An optional FX-9708 Nitrogen Compatible Heavy-Duty Soldering Iron is also available and requires nozzles specific to the tip shape used. The FH-220 Holder eliminates the need to use tools or hot pads when changing tips, incorporates a built-in tip stand, and has a triple-function tip cleaning area with a cleaning wire, sponge, and tip wipe.

**Specification:**

<b>Model</b>	FX-9707
<b>Part No.</b>	FX9707-011
<b>Power Consumption</b>	200 W / 24 VAC
<b>Temperature Range</b>	50°C – 500°C (120°F – 940°F)
<b>Tip to Ground Resistance</b>	< 2 Ω
<b>Tip to Ground Potential</b>	< 2 mV
<b>Heater</b>	HAKKO Composite Ceramic™
<b>Tips<sup>1</sup></b>	T53 Series
<b>Length of Cord</b>	1.2 m (3.9 ft)
<b>Total Length<sup>2</sup></b>	222 mm (8.7 in)
<b>Weight<sup>2</sup></b>	41 g (1.4oz)

**Contents**

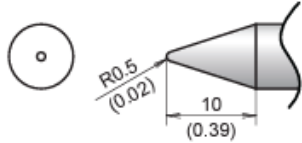
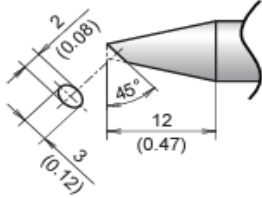
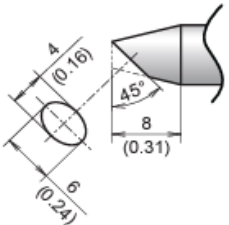
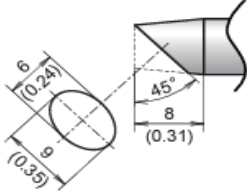
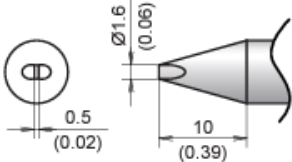
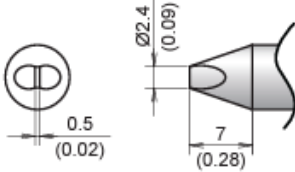
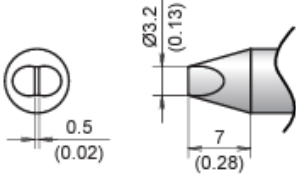
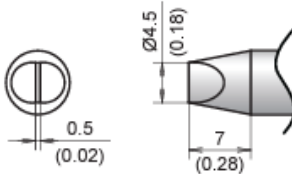
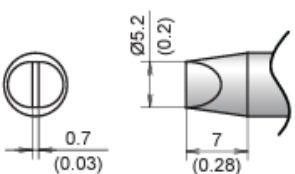
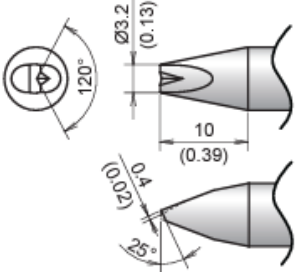
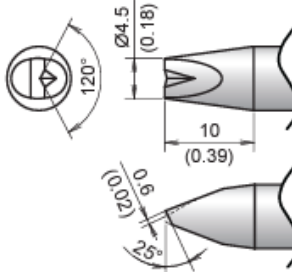
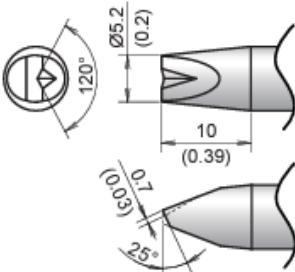
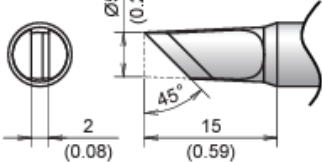
Part No.	Description
<b>FX9707-81</b>	FX-9707 Heavy-Duty Handpiece only
<b>FH220-82</b>	FH-220 Holder Includes: • A1561 Tip Cleaning Wire • A5038 Cleaning Sponge

<sup>1</sup> – Tips not included

<sup>2</sup> – As measured with T53-D24 Tip installed

See page 2 for T53 Series Tips

**T53 Series Tips**

<p>T53-B05</p> 	<p>T53-BC2030</p> 	<p>T53-BC4060</p> 
<p>T53-BC6090</p> 	<p>T53-D16</p> 	<p>T53-D24</p> 
<p>T53-D32</p> 	<p>T53-D45</p> 	<p>T53-D52</p> 
<p>T53-DR32</p> 	<p>T53-DR45</p> 	<p>T53-DR52</p> 
<p>T53-K</p> 	<p>T53-BCR1645</p> 