

### NEW! BTLH5E BLACKMAX® HYDRAULIC TUBE EXPANDER

#### DESCRIPTION

The BLACKMAX BTLH5E Hydraulic Tube Expander Kit includes a premium hydraulic tool that uses the power of hydraulics (fluid compression) to quickly and easily expand the ends of soft copper and aluminum tube for use in HVAC/R systems. Swaged tube ends eliminate the need for separate tube fittings (which are additional cost and provide additional potential points where refrigerant might leak from an HVAC/R system).

#### KEY FEATURES

- Premium, compact, cast aluminum hydraulic expander tool
- 5 quick change, aluminum heads for swaging 3/8", 1/2", 5/8", 3/4", 7/8" O.D. tube
- Heads are fully interchangeable with BLACKMAX BTLE9/BTLE9M manually operated tube expander
- Steel expander blades are replaceable and interchangeable with those used in BLACKMAX BTLE9/BTLE9M
- Includes tube inside/outside reamer, molded carrying case and color box (in 4 languages)





### SPECIFICATIONS

Metal Tube Compatibility	For soft copper, aluminum tube 3/8", 1/2", 5/8", 3/4", 7/8" O.D.
BLACKMAX Expander Heads	5 color coded heads included
Head Interchangeability	For BTLH5E, BTLE9 or BTLE9M kits
Tool Only Weight	2.59 Lbs (1.17 Kg)
Complete Kit Weight	7.59 Lbs (3.45 Kg)
Case Dimensions (L x W x H)	16.75" x 12.5" x 3.5" (42 x 32 x 9 cm)

### REPLACEMENT HEADS AND BLADES

Size	Replacement Color	Heads Item	Blades (6) Item
1/4"	Chrome	BTLEX14	BTLEX14B
5/16"	Copper	BTLEX516	BTLEX516B
<b>3/8"</b>	<b>Red</b>	<b>BTLEX38</b>	BTLEX38B
<b>1/2"</b>	<b>Yellow-Orange</b>	<b>BTLEX12</b>	BTLEX12B
<b>5/8"</b>	<b>Blue</b>	<b>BTLEX58</b>	BTLEX58B
<b>3/4"</b>	<b>Green</b>	<b>BTLEX34</b>	BTLEX34B
<b>7/8"</b>	<b>Red-Violet</b>	<b>BTLEX78</b>	BTLEX78B
1"	Black	BTLEX1	BTLEX1B
1-1/8"	Pink	BTLEX118	BTLEX118B

**BOLD** items included in the BTLH5E kit.

Replaceable blades easily installed by hand



Size	Replacement Color	Heads Item	Blades (6) Item
6 mm	Chrome	BTLEX6M	BTLEX6MB
8 mm	Copper	BTLEX8M	BTLEX8MB
10 mm	Red	BTLEX10M	BTLEX10MB
12 mm	Yellow-Orange	BTLEX12M	BTLEX12MB
15 mm	Yellow-Green	BTLEX15M	BTLEX15MB
18 mm	Titanium	BTLEX18M	BTLEX18MB
22 mm	Red-Violet	BTLEX22M	BTLEX22MB
28 mm	Red-Orange	BTLEX28M	BTLEX28MB
32 mm	Black - Chrome	BTLEX32M	Not Available

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