

IMPERIAL TOOLS (Category 65)

TUBE CUTTERS

For hard or soft copper, aluminium, brass, thin wall steel, stainless steel and other tubing

65-TC1000 & 65-TC1010 Heavy Duty Tube Cutters For 1/8" to 1-1/8" O.D. Tube

- Enclosed hardened steel thrust bearing feed mechanism for smooth cutting action
- Imperial's unique design eliminates spiraling for clean right angle cuts.
- Nickel plated aluminum body
- Foldaway hardened steel reamer removes inside burrs cleanly. Filing surface removes outside burrs
- Cutter wheels are made of the highest quality wear and abrasion resistant chromium steel and precision machined for accurate cutting and long life
- Includes 2 cutting wheels. One spare is carried under the fold out the retractable reamer



The **65-TC1010** is specifically designed for the rigours of cutting Stainless Steel, monel and other hard temper tubing.

65-TC1050 Mini Tube Cutter For 1/8" to 5/8" O.D. Tube

- Designed for use in tight quarters where other tube cutters won't fit
- 1.1/4" swing radius
- Enclosed feed screw minimizes contamination assuring continued smooth operation
- Corrosion resistant steel rollers positioned at bottom of cutter allow for easier cutter engagement on tubing and smoother cutting action



LARGER CAPACITY TUBE CUTTERS

65-TC174F Tube Cutter For 3/8" to 1-1/8" O.D. Tube

- Small swing radius - 1.15/16"
- Includes 2 general purpose cutting wheels



65-TC312FC Tube Cutter For 1/4" to 1-5/8" O.D. Tube

- Larger version of the TC1000 with the same specifications
- Includes 2 general purpose cutting wheels



65-TC206FBP Tube Cutter For 3/8" to 2-5/8" O.D. Tube

- Ratchet feed mechanism speeds up cutting operation
- Extra wide flare cut off groove in rollers to accommodate flares on larger size tubing
- Includes a spare cutter wheel to cut schedule 40 PVC pipe up to 2"



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DEBURRING TOOLS

65-210F Deburring Tool - The rotary style blade is perfect for removing burs from holes and edges. Internal storage cavity to store spare blades. Supplied with one spare blade. Suitable for copper, steel, aluminum, cast iron, brass and plastic



65-208F Reaming and Deburring Tool - Reams both inside and outside of tube. Deburrs clockwise and anti clockwise. Suitable for copper, aluminium and brass tube.



SPARE PARTS

Cutting Wheels

65-TC1000B - General purpose cutting wheel
Suits the TC1000,, TC312FC and the TC174F

65-TC1000S - Spare screw
Suits TC1000 and TC1010

65-TC1010B - Wheel for continuous cutting of stainless steel, monel and other hard temper tubing
Suits the TC1010, TC1000, TC312FC and the TC174F

65-TC1050B - General purpose cutting wheel
Suits the TC1050

TUBING TOOL KITS

65-275FSC CUTTING, FLARING and SWAGING KIT

CONTAINS: TC1000 Tube cutter for 1/8" - 1-1/8" O.D. tube
275FS Flaring and swaging tool for 1/8" - 3/4" O.D. tube



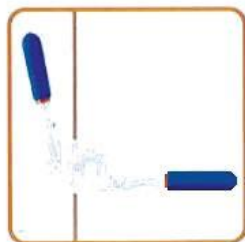
IMPERIAL TOOLS (Category 65)

TUBE BENDERS

For bending soft copper, aluminum, brass, thin wall steel and thin wall stainless steel

65-470FH Triple Head 180° Tube Bender with Roto-Lok Indexing Handle Bends 3/16" to 3/8" O.D. Tube

- Patented quick action indexing lever repositions two-stage handle midway through bend when both handles begin to meet. This feature allows better control and no crossing of hands when fabricating 180° bends.
- Optimum bend radius for each tube size
- Calibrated markings
- Compact design
- Available in clam shell packaging



Bend to 90°



Move handle to start second bend



Lower handle to complete bend



TUBE O.D.	RADIUS
3/16	7/16
1/4	9/16
5/16	11/16
3/8	15/16

65-370FH Triple Head 180° Tube Bender Bends 3/16" to 1/2" O.D. Tube

- Makes smooth, tight radius bends
- Calibrated markings
- Available in clam shell packaging



Easy 180° bends in one swift motion

TUBE O.D.	RADIUS
1/4	11/16
3/8	1-1/8
1/2	1-1/2



IMPERIAL TOOLS (Category 65)**TUBE BENDERS**

For bending soft copper, aluminum, brass, thin wall steel and thin wall stainless steel

65-367FH Triple Head Tube Bender

Bends 1/8" to 1/4" O.D. Tube

- For soft copper, aluminium and steel
- Calibrated markings for making accurate left hand, right hand and offset bends
- Ninety degree start requires less effort - making bending fast and easy

**65-368FH Triple Head Tube Bender**

Bends 3/16" to 3/8" O.D. Tube

- For soft copper, aluminum and steel
- Calibrated markings for making accurate left hand, right hand and offset bends
- Ninety degree start requires less effort - making bending fast and easy

**SINGLE HEAD TUBE BENDERS****65-364FHA Lever Type Tube Benders**

For 3/8" - 3/4" O.D. Tubing

- Each tool bends one size of tube
- Features telescopic handles for increased leverage

**65-364FHB Swivel Handle Tube Benders**

For 3/8"- 1/2" O.D. Tube

- Each tool bends one size.
- The swivel handle can be repositioned midway through a bend when both handles begin to meet. This feature allows easy fabrication of bends up to 180° with less effort and better control, without the crossing of handles.



IMPERIAL TOOLS (Category 65)

FLARING TOOLS

For soft tubing only - copper, aluminum and brass

45° FLARING TOOLS

65-195FC 45° FLARING TOOL For 3/16" to 5/8" O.D. Tube

- Flares 7 sizes of tubing.
- Forged steel slip-on yoke and hardened flaring bar
- Positive clamping action of bars prevents tube slippage



37° FLARING TOOLS

65-400F 37° ROL-AIR FLARING TOOL For 3/16" to 5/8" O.D. Tube

- Forms 37° flares to government specifications in steel, stainless steel (including MIL- T-6845), titanium and other metal tubing.
- Positive stop gauge assures correct size of flare.
- Special burnishing action polishes the flare face
- Three rollers in flaring cone roll out 37° flare above the die block.
- Roller action cuts effort required
- Maintains original tube wall thickness - eliminates stress concentration and eliminates the need for deburring.
- Extension on yoke for clamping in vice
- Satin chrome and black finish
- Furnished in sturdy tool case.



Feed, Release and Burnishing Mechanism. Flare Control Gauge



3 Rollers in Flaring Cone. Flare Formed above die block

IMPERIAL TOOLS (Category 65)**FLARING TOOLS**

For soft tubing only - copper, aluminum and brass

37° FLARING TOOLS**65-507FB ROL-AIR 37° FLARING TOOL**
For 3/16" to 5/8" O.D. Tube

- For use with copper, aluminum and brass tubing
- Faceted, hardened steel chrome finished cone rolls out and burnishes perfect 37° flares above the tube holding mechanism reducing the need for deburring.
- New slip-on yoke permits use in tight quarters
- Larger handle with better leverage and precision threads on the feed screw make flaring effortless

**65-537F LARGE SIZE ROL-AIR 37° FLARING TOOL**
For 3/4" to 1-1/4" O.D. Tube

- For use with soft steel, copper, aluminum and fully annealed stainless steel tube
- Three cylinders in the flaring cone roll out and burnishes perfect 37° flares above the tube holding mechanism reducing the need for deburring.

**FLARING and SWAGING TOOLS****65-275FS 45° FLARING and SWAGING TOOL**
Flares 1/8" to 3/4" O.D. Tube

- Flares and swages. Converts quickly. Swivel type swaging adaptors and flaring cone are hardened steel chrome finished for easy operation
- Supplied in a tool case



PIPE CUTTERS (Category 65)

PIPE CUTTERS

Nylon Tube Cutter

Cuts tube from 1/8" to 1/2"

Code : 65-NTC08



Spare Blade for Nylon Tube Cutter

Suits 65-NTC08

Code : 65-NTC08B



Plastic Pipe Cutter

Cuts up to 22mm O.D.

Code : 65-PPC22

**Hose & Tube Cutter
Plastic Body**

Up to 42mm O.D.

Code : 65-PC303F



Spare Blade

Suits 65-PC303F

Code : 65-PC303F-B



**Hose & Tube Cutter
Metal Body**

Up to 42mm O.D.

Code : 65-PC303C



Spare Blade

Suits 65-PC303C

Code : 65-PC303C-B



**Hose & Tube Cutter
Metal Body**

Up to 51mm O.D.

Code : 65-PC318



Spare Blade

Suits 65-PC318

Code : 65-PC318-B



**Hose & Tube Cutter
Metal Body**

Up to 63mm O.D.

Code : 65-PC336



Spare Blade

Suits 65-PC336

Code : 65-PC336-B



**Various Hose and
Tube available.
Refer to Categories 13, 14, 42
or contact the sales
office with any enquiries.**



TUBE STRAIGHTENERS & THREAD ID KITS (Category 65)

TUBE STRAIGHTENERS



- **Spiraling Rollers** – Rollers spiral along the tube to straighten and strengthen the tube
- **Rugged heavy duty plastic**
- **Radius bends** – Create neat and tidy radius tube bends using the central hole

The world's first efficient hand held straightening tool which easily and accurately straightens tubing, piping from coils and cables.

This revolutionary and affordable tool will straighten all types of light wall coiled tubing such as copper, aluminum, stainless steel, brass and various others such as RF/Microwave cabling.

Manufactured to fit a range of coiled tubing, piping and cable sizes.

Code	Tube O.D.
65-JC12661	3/16"
65-JC12352	1/4"
65-JC12609	5/16"
65-JC12353	3/8"
65-JC12354	1/2"
65-JC12431	5/8"

THREAD ID KIT



65-TIKIT Thread Identification Kit



- Vernier Caliper - Digital
- Metric Thread Pitch Gauge
- Imperial Thread Pitch Gauge
- Seat Angle Gauge
- 150mm Ruler
- Thread ID Chart