



TUBE EXPANDERS

The MalcoEdge™ line of tube expanders delivers consistent, leak-resistant tube expansion for strong brazed connections without couplings. Available in manual and hydraulic kits, MalcoEdge gives HVACR pros the right level of power and control for every application.

TEMS

MANUAL TUBE EXPANDER KIT

The MalcoEdge™ Tubing Expander Multi-Size Kit includes nine color-coded expander heads and is an essential tool for HVAC professionals performing expanding tasks on copper and aluminum lines. Designed to eliminate the need for couplings and fittings, this manual expander creates precise, uniform expansions across multiple tubing sizes. Perfect for AC and refrigeration installations, the TEMS kit delivers dependable, leak-resistant connections with smooth finishes and consistent performance in the field.

EXPANDER TOOL & HEADS



HEAVY DUTY CASE

REPLACEMENT HEADS

MalcoEdge™ TEH Tubing Expander Heads are replacement heads designed for use with the TEMS Tubing Expander Multi-Size Kit.



TEH250	1/4"
TEH3125	5/16"
TEH375	3/8"
TEH500	1/2"
TEH625	5/8"
TEH750	3/4"
TEH875	7/8"
TEH1000	1"
TEH1125	1-1/8"
TEH1375	1-3/8"
TEH1625	1-5/8"





HYE

HYDRAULIC TUBE EXPANDER MULTI-SIZE KIT

The MalcoEdge™ Hydraulic Tube Expander Multi-Size Kit is built for HVAC/R professionals needing precise tube expansion with included ID/OD reaming tool. It includes a hydraulic expander tool and reaming tool with 9 interchangeable heads ranging from 1/4" to 1-5/8", covering common copper, aluminum, and thin-walled tubing sizes. Durable design ensures clean, smooth tube ends for secure, leak-resistant connections. This kit improves jobsite efficiency and joint quality, making it essential for refrigeration, air conditioning, and plumbing applications.



HEAVY DUTY CASE



EXPANDER TOOL & HEADS



1/4" 7/8" 3/8" 1-1/8" 1/2" 1-3/8" 5/8" 1-5/8" 3/4"

TUBE EXPANDER COMPARISON

TEMS

HYE

Expansion Method	Mechanical	Hydraulic
Power Source	Mechanical leverage	Hydraulic force
Technician Effort	Moderate	Reduced
Best For	Everyday HVACR installs	Large & Repetitive jobs
Expansion Consistency	High	High
Control & Precision	Direct manual control	Smooth, even hydraulic pressure
Portability	Lightweight & compact	Heavier, jobsite-ready
Tubing Sizes Supported	Multi-size (via expander heads)	Multi-size (via expander heads)
Ideal User	Service techs & installers	Install crews & high-volume work
Application	Brazed copper connections	Brazed copper connections