

TUBE EXPANDER



• Chinese patent

VHE-29A/29B/42B

Easy to expand

- No copper coupling needed any more
- Only one side needs to be welded. Less welding rod, oxygen and ethyne to be used
- Lessen the possibility of leakage of the weld
- Manual hydraulic mechanism design can expand tubing from 3/8" to 1-5/8" diameter



Six easy steps

- 1 Deburr inside of tube
- 2 Anneal the tube if necessary (for hard or thickwall tube)
- 3 Screw the expander head on expander
- 4 Put the end of tube on expander head
- 5 Tighten the relief valve knob to 'on' position then pump handle until tube is expanded to the end
- 6 Tighten the relief valve knob to 'off' position to loosen expander head, remove expanded tube

Model	Tube O.D.	Diameter	Size	Weight	Accessory
VHE-29A	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"	φ 48mm	390×245×74mm	3.3Kg	/
VHE-29B	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"	φ 48mm	390×245×74mm	3.7Kg	VTT-5 VTC-32
VHE-42B	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8" 1-1/4", 1-3/8", 1-1/2", 1-5/8"	φ 46mm	390×245×74mm	5.3Kg	VTT-5 VTC-42

TUBE EXPANDER



• Chinese patent



VHE-29C/42C

Two Usage For Flaring & Expanding

- Two usage for flaring & expanding, easy to shift
- No copper coupling needed any more
- Only one side needs to be welded. Less welding rod, oxygen and ethyne to be used
- Lessen the possibility of leakage of the weld
- Manual hydraulic mechanism design can expand tubing from 3/8" to 1-5/8" diameter



Model	Expanding tube O.D.	Flaring tube O.D.	Accessory
VHE-29C	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"	1/4", 3/8", 1/2", 5/8", 3/4", 5/16"	VTT-5 / VTC-32
VHE-42C	3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8" 1-1/4", 1-3/8", 1-1/2", 1-5/8"		VTT-5 / VTC-42

TUBE EXPANDER

VST-22 Easy to Carry

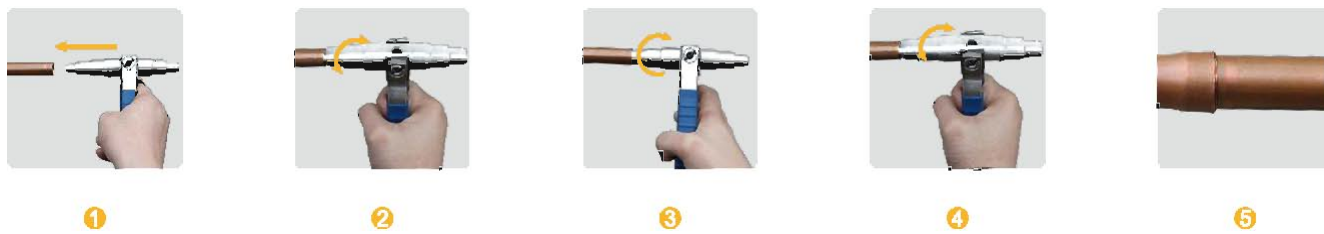
Invention patent
Using the most simple structure for brass pipe expanding



Tube O.D.: 3/8", 1/2", 5/8", 3/4", 7/8"

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Patent for invention



TUBE CUTTER

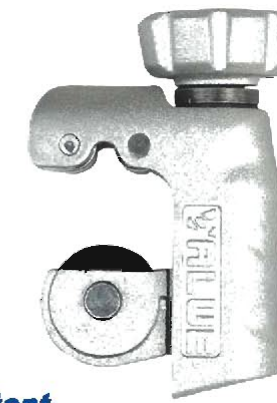
Sharp Tube Cutter

- Grinding blade, uses high-quality alloy tool steel, grinding process
- Unique ball bearing design, easy cutting

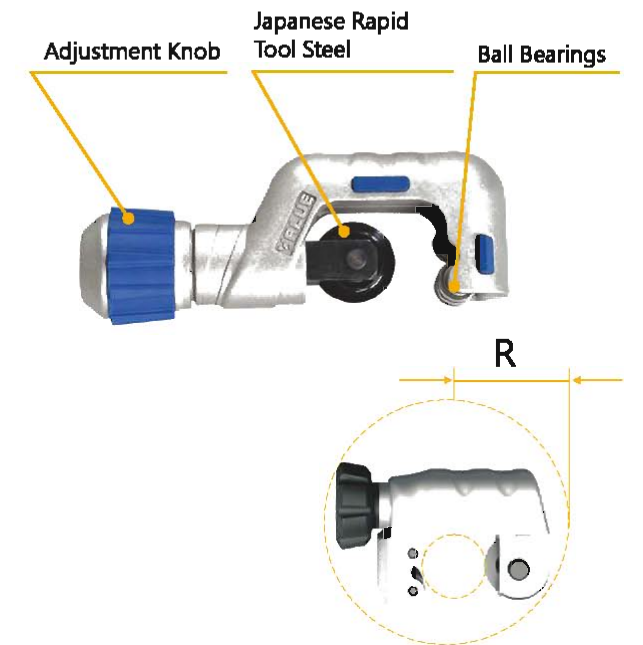


• Chinese patent

VTC-28B/32/42/70



VTC-19/28



Model	Description
VTC-19	For 1/8"~3/4" (3~19mm)
VTC-28	For 1/8"~1-1/8" (4~28mm)
VTC-28B	For 1/8"~1-1/8" (4~28mm)
VTC-32	For 1/8"~1-1/4" (4~32mm)
VTC-42	For 1/4"~1-5/8" (6~42mm)
VTC-70	For 1/4"~2-5/8" (6~67mm)