

NTE11H2

Hydraulic Tube Expander

User Manual



Failure to follow warnings could result in death or serious injury.

**SAVE THIS MANUAL
FOR FUTURE REFERENCE**

Operating Instructions for Tube Expander

1. Tube Expansion

1.1 Deburring copper tube.

Deburring is recommended before expanding, especially for 3/8" copper tubing.

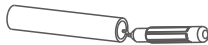


Fig.1

1.2 Anneal copper tube.

(Note1: Soft tube doesn't need to be annealed)

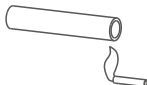


Fig.2

1.3 Insert the copper tube into the expanding head and press the lever repeatedly, the expanding head will gradually expand until it automatically releases the pressure and the expanding head returns to its initial state.



Fig.3

(CAUTION: Keep your hands out of the way between the lever and the handle during use to avoid injury.)

2. Pressure Relief

2.1. Automatic pressure relief

Expansion pressure will be relieved automatically after tube expansion process is completed.

Operating Instructions for Tube Expander

2.2. Manual pressure relief

Manual pressure relief push button is to be used only when expander is running abnormally (pressure relief button is shown in the figure below). When pressure relief is needed, push this button in the direction of arrow to release pressure.

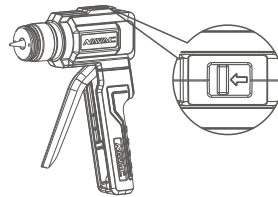


Fig.4

Lubrication

Add appropriate amount of grease to the cone hole of expander head regularly to avoid expander head from being stuck or unable to reset during the expansion process due to poor lubrication.

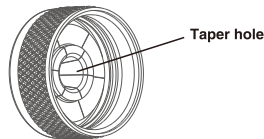


Fig.5

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