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NTE11H2

Hydraulic Tube Expander User Manual

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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 recommeded before expanding, especially for 3/8" copper tubing.

Fig.1

1.2 Anneal copper tube.

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

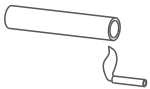

Fig.2

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.

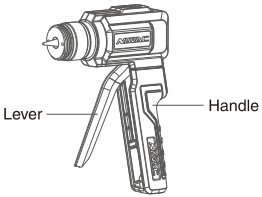

Fig.3

(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 when you want to stop expanding at a different point.

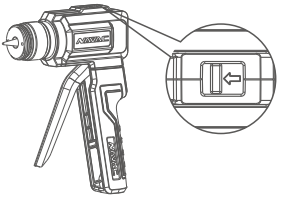

Fig.4

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.

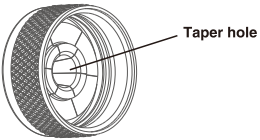

Fig.5