

SELF FLARE TUBE FITTINGS

HYDRAULIC PRESET TOOL

The Hydraulic Preset Tool is used to flare the tube ends of tube assemblies with BA style flare geometry. The advantage of using this preset tool is the tube ends can be flared on the work bench versus during final assembly of the tubes to the fittings. Confined spaces at final assembly, the need for large diameter or heavy wall tubing and sheer volume of tube assemblies being installed are primary considerations for selecting to flare tube ends prior to installation and selecting the Hydraulic Preset Tool over the Vise Held Preset Tool. The OD of the tube being flared determines the dash size of the collar and ram die to use. The wall thickness of the tube determines whether a BARD or BAXRD version of the ram die is required.

Standard Features:

- Base Hydraulic Preset Tool consists of:
 - Electric powered hydraulic pump (110/115V 50/60 Hz Single Phase)
 - Single acting hydraulic cylinder
 - Steel framed Ram die and collar cradle
- Ram dies and collars available for tube sizes from -2 (.125 inch) to -32 (2.00 inch)
- Each ram die is specific to the tube OD and a range of tube wall thickness
- Each collar is designed specific to the tube OD
- BAXRD ram dies are available for applications with heavy wall tubing

Standard Materials:

- Steel construction
- Black oxide finish

CAUTION

- System operating conditions and maximum pressures dictate tubing requirements. LDI Self Flare fittings require matching the tube connection on the adapter to the tube wall thickness selected for the application.
- Fully annealed and cleaned tubing is preferred. Consult factory for applications that require alloy tubing or tube wall thicknesses that exceed published limits for BA and BAX tube connections.

NOTE

- Ram dies and collars are sold separately



Hydraulic Preset Tool

Part No.

PM10E

Dimensions and specifications are subject to change without notice. Not all items are Made-To-Stock, contact us for availability.

02/14

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