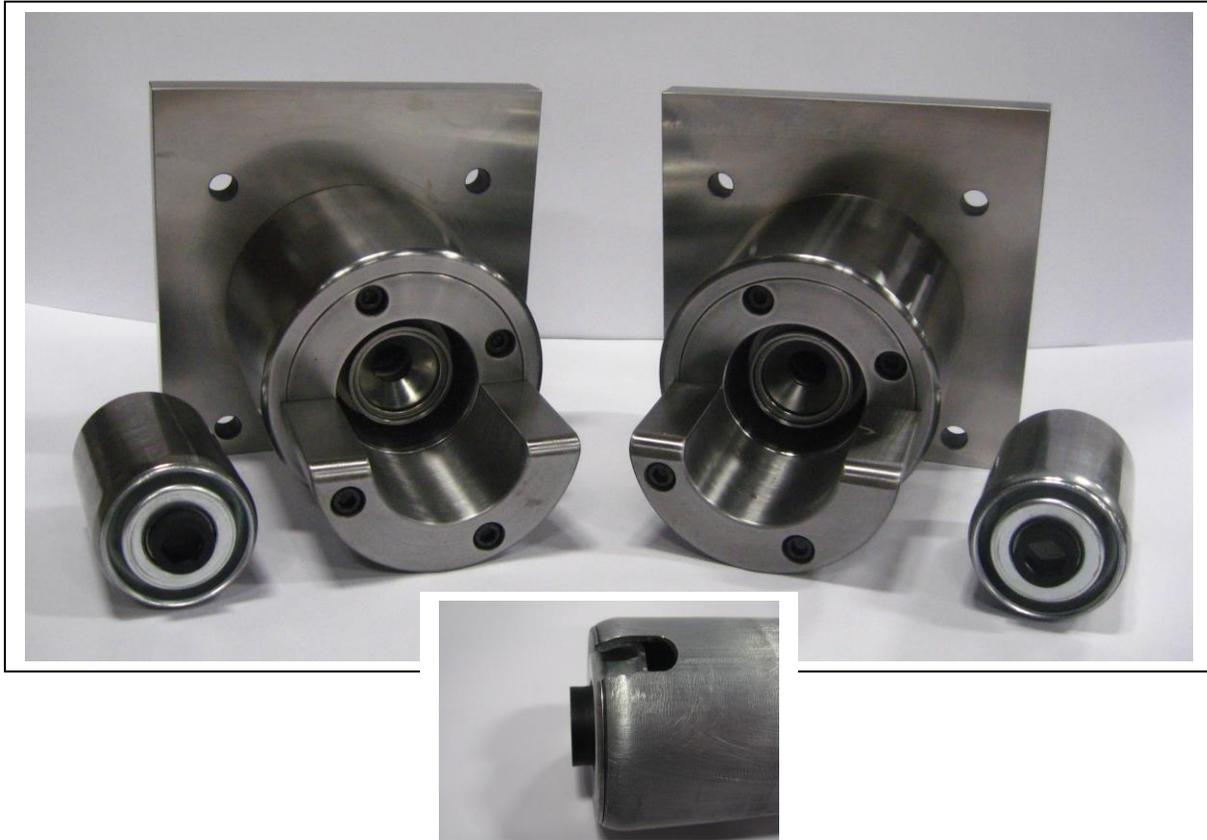




CUSTB073 SWAGE TOOLING

4003 GenStar® Bearing - 1.9" Dia. x 16 ga Tube



Tool is designed to press **FRANTZ® Manufacturing Company** 4003 GenStar® bearing into a typical 1.9" diameter x 16-gauge tube, crimping the end of the assembly, securely locking the bearing into the tube.

FEATURES:

- Insert tooling for quick changeover of tubing diameter or replacement of worn out tooling.
- High quality hardened tool steel.
- Nests available for roller assembly, to permit HANDS-FREE press closure.
- Backing plate attaches to your adapter plate with four 3/8-16 screws.
- Will also work with 1005, 1805, 1815 bearings, **GenII®**, and various **GenStar®** bearings. A different center piloting knockout sleeve may be required.
- Designed & Built by **FRANTZ® Manufacturing Co.**

PRESS REQUIREMENTS:

- Press must have a method of consistently stopping its stroke to prevent “dog-boning” of the roller ends.
- Must be capable of enough pressure to buckle a 1.9-16ga tube, but have a relief valve to limit that pressure to less.

TUBE HARDNESS: ...70 Rb or softer (BHN 125; 10 mm Ball, 3000 kg)

TUBE CUT-OFF QUALITY:

- The amount of burr could be a critical factor when using this tool. While some have successfully eliminated a burr removal operation, if the burr is allowed to become too large (small ID), the flange of the bearing may collapse BEFORE the bearing can push through the burr.
- A **FRANTZ Manufacturing Co.** engineer can evaluate your “worst case” cut-off, and press a bearing into one of your tube samples for your inspection.
- Does your burr look like this? Give us a try!



Tooling is recommended for use with **FRANTZ®** bearings only.

Reference upon ordering: **Print CUSTB073 Swage Tooling**

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