Kodak

Magnus VLF Punch Assembly

Plugging Extrusion Bar Holes

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1. OVERVIEW

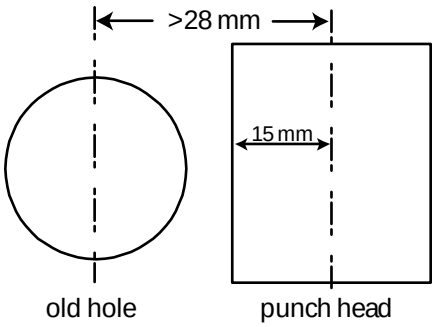
If punch heads must be moved or holes were made at incorrect locations, the 7/8 in. hole in the extrusion bar must be plugged. For detailed instructions on installing and setting up the punch heads, see the Punch Head Installation and Setup document on TechPlanet.

2. PARTS/TOOLS REQUIRED

- Punch alignment tools
- 7/8 in. diameter hole saw
- 7/8 in. diameter plug (Kodak part # 59-3395)
- Silicone sealant
- Scrap aluminum printing plate

3. PLUGGING THE HOLES

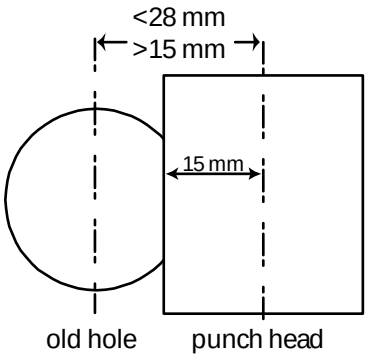
If the correct or new hole is centered more than 13 mm plus half the punch body width[1] away from the center of the existing hole (>28mm):



1. Drill the new hole in the correct location and install the punch head.
2. Plug the hole with a 7/8 in. plug. Use silicone to seal the plug and to prevent it from moving.

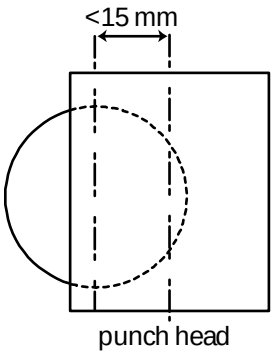
[1] The punch body width is dependant upon its punching function. The three common sizes are 30 mm, 50 mm and 69 mm width. The examples above use a 30 mm punch head.

If the correct hole is centered less than 13 mm plus half the punch body width[1] away, but greater than half the punch body width away from the center of the existing hole (<28 mm but >15 mm):



1. Drill the new hole in the correct location and install the punch head.
2. Cut or file away part of the plug (up to one-half its width) to create a flat edge that mates with the flat side of the punch body when the plug is installed. Use silicone to seal the plug to the extrusion bar and to the side of the punch head.

If the correct hole is centered less than half the punch body width[2] away from the center of the existing hole (<15 mm):



1. If possible, drill the new hole in the correct location. If drilling is not an option, use a rotary tool (Dremel, or similar) to create/elongate the hole for the punch head.
2. Install the punch head.
3. For the remaining exposed hole, use a piece of aluminum plate to cover the hole. Bend the plate at a 90º angle and size it to overlap the hole by 5 mm and about 5 mm up the side of the punch body. Attach the aluminum plug to the extrusion bar and punch head with silicone sealant.

[2] The punch body width is dependant upon its punching function. The three common sizes are 30 mm, 50 mm and 69 mm width. The examples above use a 30 mm punch head.