



DieMark® Plunger Stop Assembly for 3 mil and 5 mil Small Dot Ink Cartridges

Plunger Stop Assembly

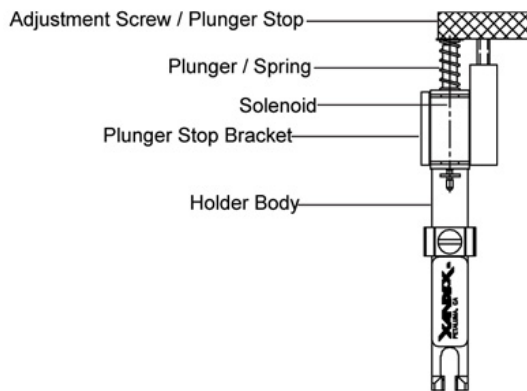
Optimize Small Dot (3 mil & 5mil) Production using Xandex "H" series Holders

This assembly is recommended for use in all 3 mil and 5 mil DM-1 cartridge applications and is available for all electric inker H style cartridge holders. The assembly consists of an adjustable plunger stop which is attached to the solenoid/cartridge holder with a bracket and set screw.

The exposed filament length of the 3 mil and 5 mil DM-1 cartridge is 0.025 inch shorter than other DM-1 cartridges in order to deposit a minimal amount of ink. The 3 mil and 5 mil applications also require a very short plunger stroke to limit the amount of ink drawn to the filament tip.

Limiting plunger travel via the adjustable plunger stop provides better control of the amount of ink transported by the filament and therefore consistency of dot sizes in applications where small dots (3-5 mil) are required.

To install, simply remove the two screws that retain the solenoid and bracket and replace the bracket with the plunger stop assembly.



Key Features:

- ▶ Quick installation on existing cartridge holder
- ▶ Large, knurled adjustment screw
- ▶ Allows precise adjustment of plunger stroke
- ▶ Consistent small dots using 3 mil or 5 mil DM-1 cartridges.
- ▶ Available for all H series cartridge holders
- ▶ Order Part Number 210-0016

Easy Setup Instructions:

Install an opened, vacuum or manually primed* 3 mil or 5 mil DM-1 cartridge on the cartridge holder (see the opening and priming instructions included on the cartridge packaging insert). Typical adjustment for 3 mil and 5 mil cartridges is to reduce plunger travel to half of full stroke. Turn the plunger adjustment knob clockwise until the thumbscrew stops (tighten the thumbscrew all the way down). From this point, back the plunger adjustment knob off 1 ¼ turns (counterclockwise). The wire/filament will no longer be visible at the cartridge tip. Complete cartridge priming, if required, by actuating the solenoid repeatedly until ink is present at the filament tip. The inker is ready for operation. Some additional fine adjustment may be necessary. Fine tuning adjustments should not exceed ¼ turn in either direction.

* Use manual movement of the main guide/ filament ONLY to prime the cartridge. Do not actuate the solenoid to prime the cartridge until AFTER the plunger stop assembly is adjusted.