THERM-O-TYPE has introduced an improved method for mounting and adjusting foil stamping, embossing and foil embossing dies.

The new lock up tooling is called “Better Posts” and is currently available in 2”, 4” and 6” long sizes. Better Posts offer several improvements over existing Bunter Posts.

Better Posts...

• Are secured with two flat head mounting screws to create an accurate, vertical and/or horizontal reference to the edge of the die.
• Mounting screws holes are offset to minimize space between the Better Post body and the die.
• Are “low profile” (0.187” thick).
• Use a blunt tipped set screw at each end of each post to secure and adjust the die position (without digging into the die).
• Use hollow tipped set screws to secure the die once it is properly positioned.
• Blunt and hollow tipped set screws do not impress deep contact points into the sides of the die (like Bunter Post adjusting screws). This makes minor die position adjustment in all axis much easier.
• Blunt and hollow tipped set screws can be quickly positioned using a ball tipped Allen driver.
• The body of the Better Post will not rotate when adjusting the set screw/s at either end.

Better Posts are currently available to fit on THERM-O-TYPE SF, CF and NSF presses using 10-32 tapped hole chases.

Custom Better Posts are available for other press models that use chases with a tapped hole grid pattern for Bunter Posts.

To purchase, custom Better Posts, customers must provide accurate information including tapped hole size/tread and hole spacing.

Note: Better Posts can be used with standard Bunter Post adjusting screws which are adjusted with a Bunter Post wrench.
Using Better Posts

Select the correct length Better Posts for the die size.

Position the die on the chase in the desired position.

Note: Better Posts work best with dies that have edges aligned vertically and horizontally with the image area on the die.

Position Better Posts on the tapped hole grid pattern along at least two sides of the die.

Note: Better Post mounting screw holes are off center, this allows the adjusting and locking screws to be threaded in either direction through the Better Post body to position the edge of the Better Post closer to the die.

Note: Use of more than two Better Posts to secure the die is dependent on the size/weight of the die and if minor die position adjustments will be needed in all axis.

Secure the Better Posts to the chase using the flat head mounting screws.

Note: It is strongly recommended that customers use a straight tip, 1/8” Allen driver to install and remove mounting screws. Using this driver is fast and easy. It also provides excellent control over the angle of the mounting screws as they are being threaded into the chase.

Warning: Threading mounting screws into the chase, when the screws are not perpendicular to the chase, can cause the screws to “cross thread”, damaging the threaded hole in the chase. Customers MUST take care when threading mounting screws into the chase to prevent damage to the threaded holes. Threaded holes which are damaged due to cross threading, excessive tightening or other forms of operator error/abuse are not covered under warranty.

Note: Threaded hole in the chase that have been damaged can be repaired using a Helicoil insert.

Bring the blunt tipped “adjusting” set screws into position on the sides of the die.
The 2mm ball tipped Allen driver is ideal for quickly bringing the adjusting screws into contact with the edges of the die.

Warning: Do NOT attempt to run the press with the die secured with the blunt tipped adjusting set screws that have only been tightened with the 2mm ball tipped Allen driver. Adjusting screws MUST be tightened with the 2mm “L” style Allen wrench to properly secure the die before running a test impression to check the die position.

Warning: Any damage to the die, chase, Better Posts and/or press cause by an improperly secured die falling off the chase while imprinting a test impression, or during production, is not covered under any warranty. Improperly secured dies constitute an operator error. It is the sole responsibility of the press owner/s to ensure the press operator/s have been properly training in how to adjust and secure dies to the chase.

Secure the blunt tipped “adjusting” screws to the die.
The 2mm “L” style Allen wrench should be used to tighten the adjusting screws to the edges of the die.
The blunt tipped, adjusting screws will not dig into the edges of the die.

Important: Blunt tipped adjusting screws must be tightened with the “L” style Allen wrench to temporarily secure the die to the chase until all die position adjustments have been completed.

Adjust the die position.
Better Posts provide excellent control when adjusting the position of the die. Minor vertical, horizontal and skew adjustments can be made by adjusting the various, blunt tipped adjusting set screws.
A 360 degree turn (one full rotation) of an adjusting set screw equals approx. 0.027” of movement.
A 180 degree turn (one half a rotation) of an adjusting set screw equals approx. 0.0135” of movement.

Securing the die position.
Once the die is correctly positioned, tighten the hollow tipped, locking set screws to secure the die. Hollow tipped, locking set screws must be tightened using the “L” style Allen wrench.

Warning: It is critical that the hollow tipped, locking set screws are properly secured to the die before running the job. Blunt tipped, adjusting set screws, properly tightened, are sufficient to secure the die while die position adjustments are being made but are not sufficient to secure the die during production. ALWAYS tighten the hollow tipped, locking set screws after the die position has been adjusted and BEFORE starting a production run.
**Warning:** Any damage to the die, chase, Better Posts and/or press cause by an improperly secured die falling off the chase while imprinting a test impression, or during production, is not covered under any warranty. Improperly secured dies constitute an operator error. It is the sole responsibility of the press owner/s to ensure the press operator/s have been properly training in how to adjust and secure dies to the chase.

**Note:** Customers may substitute hollow tipped, Better Post locking set screws with pointed, Bunter Post adjustment/locking screws, if they wish. Using Bunter Post adjustment/locking screws will require a Bunter Post wrench and will create point contact impressions in the edge of the die. These point contact impressions can make small die position adjustment, in the right angle direction of the adjustment/locking screws, difficult.

**Better Post Maintenance:**
Better Posts require very little maintenance. Besides keeping the Better Posts clean and dry, maintenance is generally focused on the various screws and wrenches.

Threads on Better Posts mounting, adjusting and locking screws should be checked periodically for damage or wear. Worn or damaged screws should be replaced immediately.

The hollow tips on the locking set screws should be inspected for damage or wear. Any locking set screws with hollow tip damage or wear should be replaced immediately.

2mm ball and 1/8" straight tipped Allen drivers, and 2mm “L” style Allen wrenches should be inspected for wear. If the tips become damaged or worn, the wrench should be replaced immediately. Using any Allen wrench with a worn or damaged tip can damage the hex holes in the screws.

Any screws with worn or damaged hex holes should be replaced immediately. Worn or damaged hex holes can damage the tips of Allen wrenches.

**Disclaimer:**
Used properly, Better Posts have proven to be effective in testing performed by THERM-O-TYPE and in customer’s plants who have tested this product.

However, since proper and effective use of this product is dependent upon the correct training and use by the operator, THERM-O-TYPE makes no warranty relating to the suitability or use of Better Posts on THERM-O-TYPE or other presses.

Better Post Purchasers assume all responsibility for the training of their employees to use and maintain the product correctly and accepts all potential liability from the use of this product.
<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Better Post</th>
<th>Cost</th>
</tr>
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<tbody>
<tr>
<td>SF-4108</td>
<td>2&quot; Better Post, assembly</td>
<td>(1 x 2&quot; body, 1 x 10-32 Mounting Screw, 2 x Blunt Tip Screws, 1 x Hollow Tip Screw)</td>
<td>$12.85 ea.</td>
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<tr>
<td>SF-4107</td>
<td>4&quot; Better Post, assembly</td>
<td>(1 x 4&quot; body, 2 x 10-32 Mounting Screws, 2 x Blunt Tip Screws, 2 x Hollow Tip Screws)</td>
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<tr>
<td>SF-4126</td>
<td>6&quot; Better Post, assembly</td>
<td>(1 x 6&quot; body, 3 x 10-32 Mounting Screws, 2 x Blunt Tip Screws, 2 x Hollow Tip Screws)</td>
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<td>SF-4103</td>
<td>2&quot; Better Post, body</td>
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<td>SF-4027</td>
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<td>$18.50 ea.</td>
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<td>SF-4119</td>
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<td>8190</td>
<td>2mm Ball Tip Allen Driver</td>
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<td>$5.70 ea.</td>
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<td>8191</td>
<td>2mm Allen “L” Wrench</td>
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<td>1/8&quot; Straight Tip Allen Driver</td>
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<td>8189</td>
<td>10-32 Flat Head Allen Mounting Screw</td>
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<td>8183</td>
<td>M4 x 20 Blunt Tipped, Adjusting Screw</td>
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<td>8184</td>
<td>M4 x 20 Hollow Tipped, Locking Screw</td>
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</tbody>
</table>

**Note:** Bunter Post adjusting screws can be used with Better Posts.

If Bunter Post adjusting screws are used with Better Posts, we recommend that customers replace the hollow tipped screws with the Bunter Post screws and keep the blunt tipped screws to simplify die position adjustment. Customers who use Bunter Post adjusting screws with Better Posts will need to purchase a Bunter Post wrench.