Better Posts

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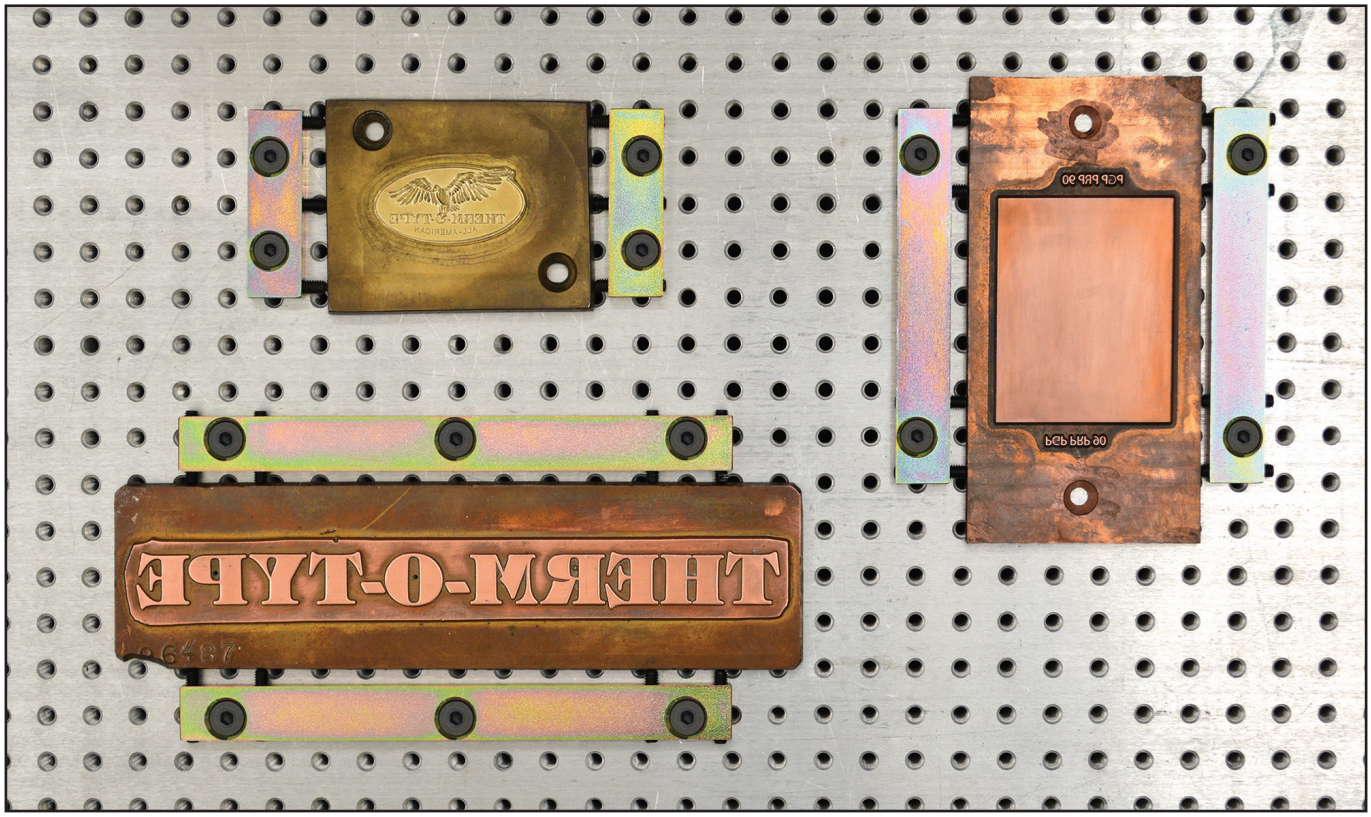

THERM-O-TYPE has introduced an improved method for mounting and adjusting foil stamping, embossing and foil embossing dies.

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 screw holes are offset to minimize space between the Better Post body and the die.
- Are “low profile” (0.187” thick).
- Use hollow tipped set screws to position and secure the die (pointed set screws are also available).
- Hollow tipped set screws do not impress deep contact points into the sides of the die (like Bunter Post adjusting screws with points). This makes minor die position adjustment in all axis easier.
- Hollow tipped set screws can be quickly positioned using a ball tip 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 also be used with standard Bunter Post adjusting (pointed) 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 countersunk mounting screw holes are off center, this allows the adjusting/securing 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 holes in the chase that have been damaged can be repaired using a Helicoil insert.

Bring the "adjusting" set screws into position on the sides of the die.

The 2mm ball tip Allen driver is ideal for quickly bringing the adjusting screws into contact with the die.

Warning: Do NOT attempt to run the press with the die secured with 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, counter, makeready, 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 or Better Posts 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, and Better Posts to the chase.

Secure the "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 hollow tip, adjusting screws will bite into the edges of the die.

Important: Hollow tipped adjusting screws must be tightened with the "L" style Allen wrench to secure the die to the chase.

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 hollow tipped 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 (or pointed) tip, set screws to secure the die. Set screws must be tightened using the "L" style Allen wrench.

Warning: It is critical that the hollow tip set screws are properly secured to the die before running the job. ALWAYS recheck that the set screws are secure after the die position has been adjusted and BEFORE starting a production run.

Warning: The chase and dies expand and contract with differences in temperature. Operators should perform a final check to ensure dies are secure after the chase and die have reached the operating temperature.

Warning: Any damage to the die, counter, makeready, 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 or Bunter Posts 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, and Bunter Posts to the chase.

Note: Customers may substitute hollow tipped, Better Post 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.

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 tipAllen 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 customers plants who use 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.

Part #	Description	Better Post	Cost
SF-4108	2" Better Post, assembly *(1 x 2" body, 2 x 10-32 Mounting Screws, 3 x Hollow Tip Screws)*		$14.00 ea.
SF-4107	4" Better Post, assembly *(1 x 4" body, 2 x 10-32 Mounting Screws, 5 x Hollow Tip Screws)*		$23.00 ea.
SF-4126	6" Better Post, assembly *(1 x 6" body, 3 x 10-32 Mounting Screws, 6 x Hollow Tip Screws)*		$26.50 ea.
SF-4103	2" Better Post, body		$11.00 ea.
SF-4027	4" Better Post, body		$20.00 ea.
SF-4119	6" Better Post, body		$23.00 ea.
8190	2mm Ball Tip Allen Driver		$13.50 ea.
8191	2mm Allen "L" Wrench		$1.30 ea.
8192	1/8" Straight Tip Allen Driver		$18.00 ea.
8189	10-32 Flat Head Allen Mounting Screw		$1.70 pk./6
8183	M4 x 20 Blunt Tipped Screw *(no longer recommended for Better Posts)*		$6.50 pk./6
8184	M4 x 20 Hollow Tipped Screw		$4.50 pk./6
8429	M4 x 20 Point Tipped Screw *(can be used as a substitute for 8184 screw)*		$5.50 pk./6

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

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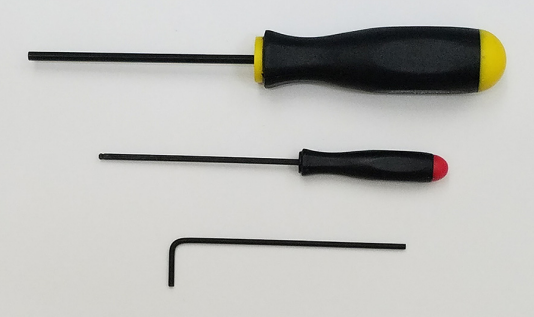
Customers who use Bunter Post adjusting screws with Better Posts will need to purchase a Bunter Post wrench.

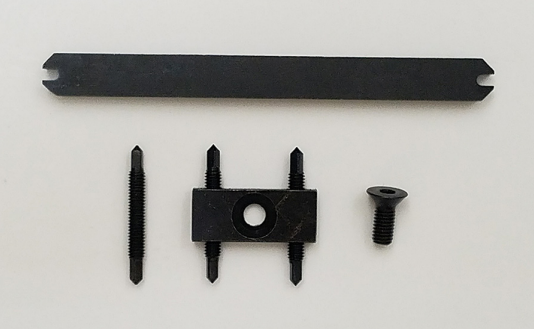


8192 ..... 1/8" Straight Tip Allen Driver

8190 ..... 2mm Ball Tip Allen Driver

8191 ..... 2mm Allen "L" Wrench

Part #	Description	Bunter Post	Cost
SF-4512	Bunter Post, assembly *(1 x Bunter Post Body, 1 x 10-32 Mounting Screw, 2 x Bunter Post Adjusting Screws)*		$19.50 ea.
8195	Bunter Post Adjustment Screw		$5.50 ea.
"Bunter Wrench"			$16.50 ea.
8189	10-32 Flat Head Allen Mounting Screw		$1.70 pk./6



"Bunter Wrench"

8195 ..... Bunter Post Adjustment Screw

SF-4512 .... Bunter Post, assembly

8189 ..... 10-32 Flat Head Allen Mounting Screw