



# Thermo-Loc™ Pin Kit INSTRUCTIONS

FOR PIN KITS # 003-670 & #003-671

Thermo-Loc Pins fit into the top jaw holes of GRS vises (engraving blocks). Softened Thermo-Loc is applied around these pins and formed to fit the workpiece. The stainless steel pins provide better clamping than using Thermo-Loc alone.

After cooling, the formed Thermo-Loc with imbedded pins can be removed from the jaws and reinstalled when desired (ILL. A). **NOTE: MAKE SURE THE FORMED THERMO-LOC HAS COOLED BEFORE REMOVING FROM VISE.** If not, shrinkage may make it difficult to replace back into the vise.

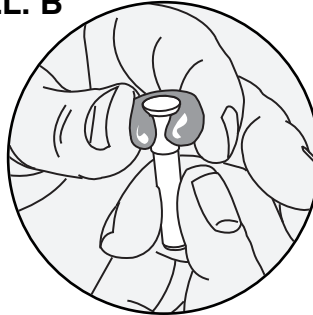
**NOTE:** Remember to think about how you will remove your workpiece BEFORE you form Thermo-Loc around it. Thermo-Loc becomes amazingly stiff at room temperature which generally prevents you from bending it out of shape to remove your part. Instead, look at the shape of your part and form Thermo-Loc around it in such a way that it will slide off in at least one direction.



**CAUTION:**  
Read and follow the Thermo-Loc instructions (Lit #230) to avoid injury.

**RECOMMENDED:**  
Apply a small amount of Thermo-Loc around the head of each PIN (ILL. B). Keep the Thermo-Loc above the pin stop edge. Thermo-Loc sticks to itself very aggressively. Using this method will eliminate a loose pin fit.

**ILL. B**



**TO REMOVE PINS FROM THERMO-LOC**  
Heat Thermo-Loc until soft and work pins out.



- TOOLS
- TECHNIQUES
- TRAINING

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website: www.GrsTools.com

## ORDER FORM

QTY.	PART NO.	DESCRIPTION	COST	TOTAL
	<b>#003-667</b>	<b>Thermo-Loc Starter Kit</b> Includes 6" (150mm) square PTFE (Teflon®) pad and 1 lb. (450 gm) Thermo-Loc sticks.	\$32.95	
		<b>Thermo-Loc sticks</b>		
	<b>#003-664</b>	0.5 lb. (225 gm)	\$15.95	
	<b>#003-665</b>	1.0 lb. (450 gm)	\$26.95	
	<b>#003-666</b>	5.0 lb. (2.26 kg)	\$108.95	
	<b>#003-291</b>	<b>PTFE (Teflon®) Pad - 6" (150mm) square</b>	\$11.80	
	<b>#003-669</b>	<b>Thermo-Loc Jaw Kit</b> for GRS Magnablock, Positioning & Low Profile Includes 2 master upper jaws (one pivoting), 4 threaded bonding strips, bolts and wrench	\$68.00	
	<b>#003-668</b>	<b>Thermo-Loc Jaw Kit for GRS Standard Vise</b> Includes 2 master upper jaws (one pivoting), 4 threaded bonding strips, bolts and wrench. This jaw kit fits only GRS Standard Engraving Vises.	\$68.00	
	<b>#003-671</b>	<b>Pin Kit for GRS Magnablock, Positioning &amp; Low Profile Vise</b> Includes 4 ea. 1/4" short pins, 4 each 1/4" medium pins, 2 each 3/8" short pins, 2 each 3/8" medium pins.	\$27.95	
	<b>#003-670</b>	<b>Pin Kit for GRS Standard Vise</b> Includes 6 ea. 1/4" short pins, 6 each 1/4" medium pins	\$27.95	

**Ship To:** \_\_\_\_\_ (Prices subject to change without notice.) **TOTAL** \_\_\_\_\_

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LIT-231