Adjustable Blocks

When you make it easy for your employees, they will use it! Safety practices quickly become a habit with the SAF-T-BLOCK Press Block!

MID-WEIGHT ADJUSTABLE SAFETY BLOCKS

- **75 TON MAXIMUM LOAD CAPACITY**
- **Safety block length in 1" increments up to 60"**
- **5" screw adjustments is standard - Additional adjustments available upon request**

The Mid-Weight Adjustable Safety Block is produced to the same standards used for manufacturing both our Light-Weight and larger Standard safety press blocks.

The Mid-Weight Adjustable series has been successfully tested by an outside third party laboratory. This series is specifically engineered to be used between our Light-Weight adjustable press block LSB-1B & 2B - rated at 35 tons, and our Standard SB-1 adjustable rated at 125 tons.

The Mid-Weight series is available from 10" to 60" by the inch and has the option of having 5" up to 12" of screw adjustment. This design maintains a static load of up to 75 tons and this Mid-Weight block is easily stored in our optional holder that is ready to mount to your press. These blocks are also available with our electrical power cut-off system, adding safety to your press and for your employees. The size and weight makes it very easy for them to move the block assembly into and out of the press area.

LIGHT-WEIGHT ADJUSTABLE SAFETY BLOCKS

- **35 TON MAXIMUM LOAD CAPACITY**
- **Special sizes available upon request**
- **5" screw adjustments standard - additional adjustment available upon request**

This light-weight series is designed to provide maximum protection for most press brakes and smaller presses where working space is at a premium during set up and maintenance.

These light-weight blocks provide convenient use and handling for your employees. The wide span of adjusting screw and nut assemblies have precision-cut Acme threads for extra strength and ease of use with a maximum static load of 35 tons. The 6061-t651 high-strength aluminum body is machined to give you ultimate stiffness with maximum adjustability. These blocks are one-third (1/3) of the weight of standard safety blocks available from others. The adjusting screw and nut assembly is easily moved by hand.

HEAVY-WEIGHT ADJUSTABLE SAFETY BLOCKS

- **125 TON MAXIMUM LOAD CAPACITY**
- **Safety block length in 1" increments up to 60"**
- **5" screw adjustments standard - additional adjustment available upon request**

The adjusting screw and nut assembly provides easy adjustment normally both up and down by hand. These screw devices are used instead of wedges on the SB-1 adjustable safety press blocks, allowing for greater span of flexibility. The adjusting screw and nut assembly is mounted securely on top of the safety press block at the factory. This assembly is used in conjunction with a bottom end cap for additional stability and safety. The assembly allows up to 5 full inches of screw adjustment.

Heavy-Weight adjustable safety blocks are available with handle(s), holders, and power cut-offs.

"The employer shall provide and enforce the use of safety blocks whenever dies are being adjusted or repaired in the press." ~ O.S.H.A.

Fixed Length Standard Blocks

Many materials are available for use in blocking the ram and upper die of a press. However, 6061-T6/T651 aluminum offers much higher extruded strength per cubic inch of material than other known press safety block materials on the market. When static load capacity of material is compared, aluminum becomes the clear choice.

FIXED LENGTH STATIC LOAD CAPACITIES

	Length of Block 0"-20" long	21"-40" long	41"-60" long	Block Number	Dimension
Max Static Load Per Block	135 Tons	115Tons	110 Tons	**SB-1**	A=4.750" B=3.875" C=2.750"
	200 Tons	180 Tons	170 Tons	**SB-2**	A=5.625" B=4.812" C=3.375"
	250 Tons	240 Tons	230 Tons	**SB-3**	A=6.875" B=5.438" C=4.375"
	50 Tons 110 Tons	35 Tons 75 Tons	20 Tons 50 Tons	**LSB MSB**	2.250" round 3.375" round

DETERMINING STANDARD SAFETY BLOCK LENGTH

1.) Find stroke of the press.

2.) Depending on how block is to be used: With die open (stroke up), measure either the space between the upper and lower die OR the space between the slide (RAM) face and the bolster at the point where the block(s) would be placed.

3.) Add (1) and (2) together ~ TOTAL
(Also when measuring, consider that the slide is adjustable.)

4.) If wedges are to be used, subtract 1½" maximum.
(This is allowance for variation in the stopping point of the crank shaft.)

5.) If end caps are ordered, subtract the end cap allowance for the desired size of block.

SB-1 1¼" - SB-2 1¼" - SB-3 1½"
LSB 1" - MSB 1"

Add/subtract as directed and the result will be the safety block length to order.