

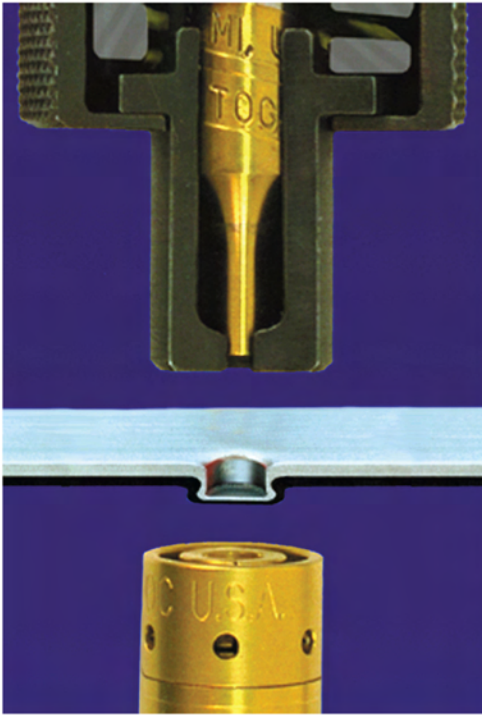
Tog-Loc®

SHEET METAL JOINING SYSTEM



BIM

Tog-L-Loc®



BTM's patented Tog-L-Loc® system joins sheet metals, extrusions and formed metal components. Steel, aluminum, brass and other metals can be joined, including coated and painted stock. Thickness ranging from (2) layers x 0.2mm (.008") up to a combined total thickness of 8mm (.320") can be joined with readily available standard tooling.

The metals are joined by a local deformation which creates a strong leakproof interlock. Simple mechanical punch and die tooling is used to produce the joint.

Tog-L-Loc offers significant advantages over traditional methods such as resistance spot welding, rivets or screws:

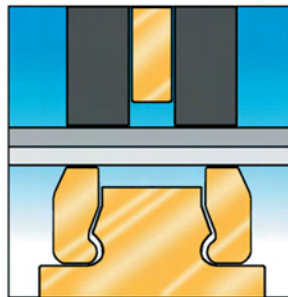
- No fasteners are required, reducing cost per joint.
- Painted, coated and dissimilar metals can be joined.
- No heat, sparks or fumes are produced.
- Joints are strong, consistent and highly fatigue resistant.
- Tool life is exceptional. 300,000 joints common.
- The joints can be non-destructively checked.

Leading manufacturers around the world use Tog-L-Loc® in the production of a wide variety of products.

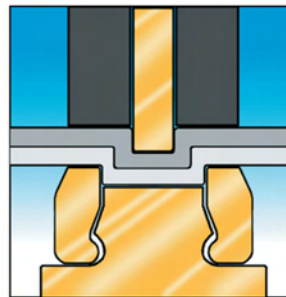
Aluminum Automobile Hood



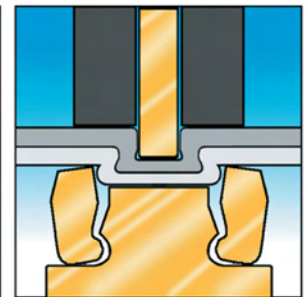
Prepainted Steel Refrigerator Cabinet



CLAMPS
FAST



DRAWS
EASY



LOCKS
CONSISTENT

Aluminized Steel Heat Stove



Prepainted Steel Garage Door



Steel Frame Housing



Powder Coated Satellite Dish



Galvalume Head Gasket



Chromate Timing Pointer





940 Series Tog-L-Loc® tooling for joining metals in stamping dies.



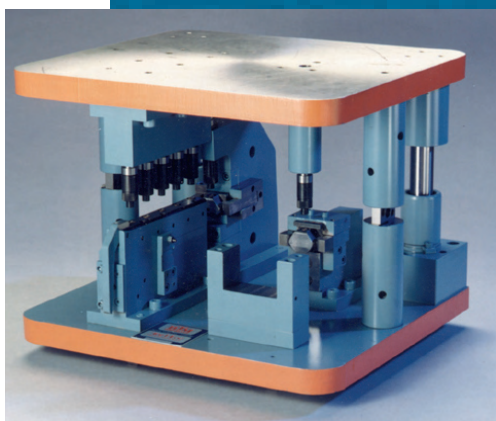
Tog-L-Loc®

Unitized press brake tooling is an economical method for Tog-L-Loc® Joining.



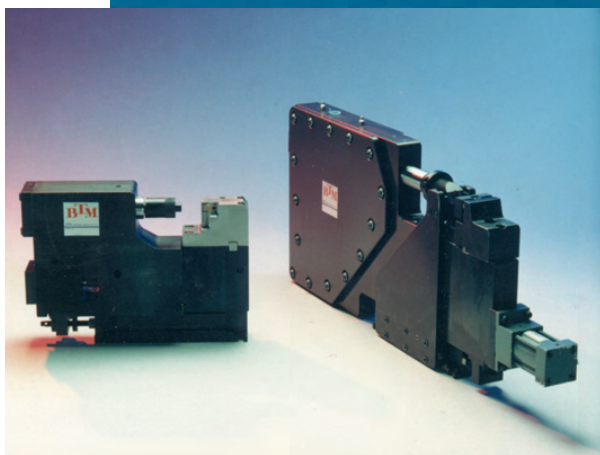
BTM Universal single point Tog-L-Loc® machines offer flexibility and a large work envelope.

Hand operated portable Tog-L-Loc® units are available in a variety of configurations



Die set tooling for Tog-L-Loc® joining in your existing presses.

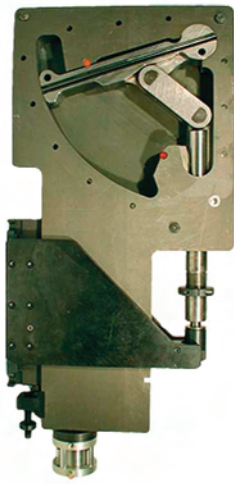
BTM has complete in-house design and build facilities for special machines and automation.



Pneumatic and hydraulic Tog-L-Loc® units can be ordered fully tooled for your machine building applications.



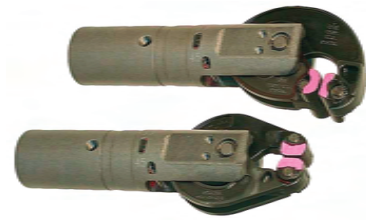
Other BTM Products



Air Powered
Toggle Presses



Sealed Power Clamps



Pneumatic Locking Grippers



Air/ Oil Intensifying Cylinders



Pin Locator Clamps



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