

DE-STA-CO WORKHOLDING MANUAL CLAMPING SOLUTIONS

CLAMPS VS BOLTS & NUTS

Faster to Install. (1 Operation)

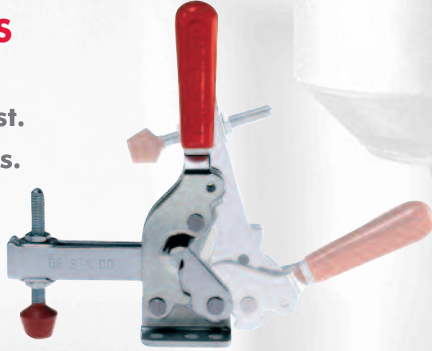
No loose components to get lost.

No sheared or stripped threads.

No additional tools needed.

Consistent pressure on part.

Easy to see when it's locked.
(as opposed to bolts which may become loose and undetected)



Exerting Force

- Friction between part and spindle
- Clamps have mechanical advantage
- Exertion force should not be higher than holding capacity



Holding Capacity

- What the clamp can hold when locked
- Catalog value = Closest point to pivot

2000 SERIES: NEW GENERATION OF TOGGLE CLAMPS

Increased ergonomics.

Pinch points eliminated.

Same mounting holes than 200 series.

Up to (3) times higher holding capacity.

Smaller clamp can be used for the same job.

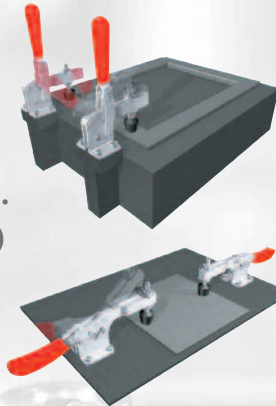
No more friction points. (Horizontal Clamps)

Optimized design. (more durable)

Patented Design.

Patent No.
6,595,507

Patented Thumb
Lever Release
6,561,556



Some manual clamp models are available in Stainless Steel

2000 SERIES (Vertical) 200 SERIES



Model 2007-U

VS



Model 207-U

2000 SERIES (Horizontal) 200 SERIES



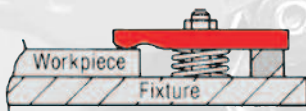
Model 2013-U

VS



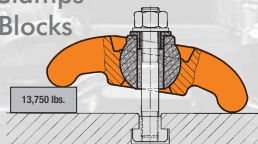
Model 213-U

EVOLUTION OF STRAP CLAMPS



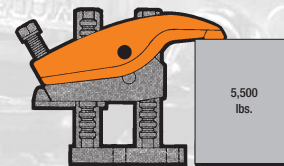
No Evolution
Strap Clamps
Riser Blocks
Bolts & Nuts
Tools

Though Hole Ram
Strap Clamps
Riser Blocks



Faster for multiple cycles

Carver T-Slot Clamps
Tools



Faster for multiple
height set-ups
100% of force
transmitted

DE-STA-CO OFFERS A COMPLETE FAMILY OF CLAMPS TO "HOLD IT" IN PLACE

Vertical
Handle



Toggle-Lock
Plus (Shown)

Horizontal
Handle



Low Profile in
clamped position

Straight-Line
Action



Locks in both
extended and
retracted
positions

Variable-Stroke
Straight-Line
Action



Adjustable precision
in high production.

Latch-Type



Plier-Type



Squeeze-Action

Carver



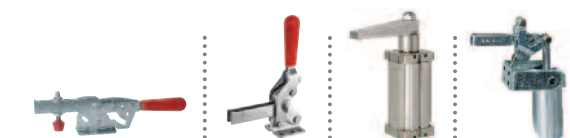
Modified
Manuals



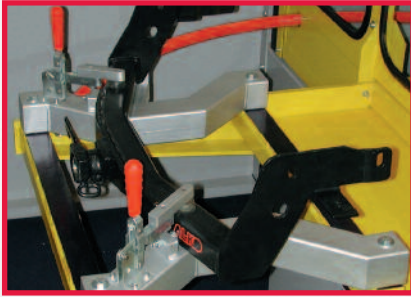
Same mounting pattern as
standard manual clamps



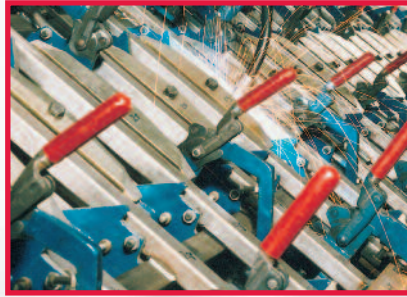
A DOVER COMPANY



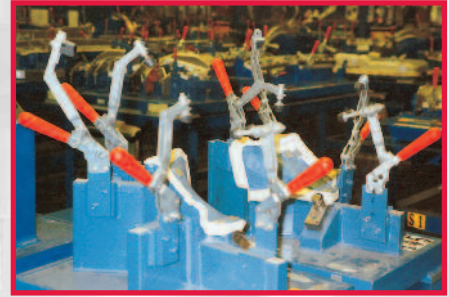
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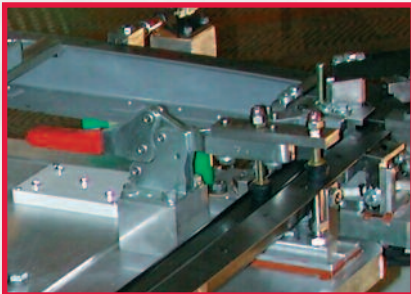
Vertical Clamp used in securing a frame



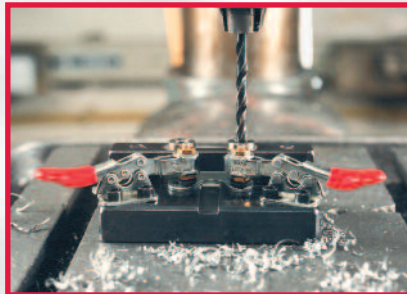
Vertical Clamp used to hold parts in place during an assembly process



Vertical Clamp used in a welding fixture



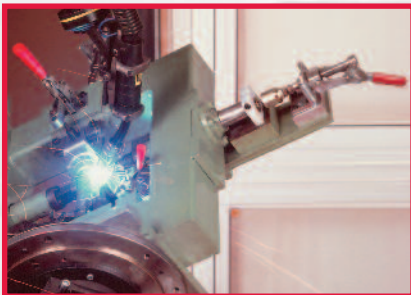
Horizontal Clamp used to hold frame in place for welding application



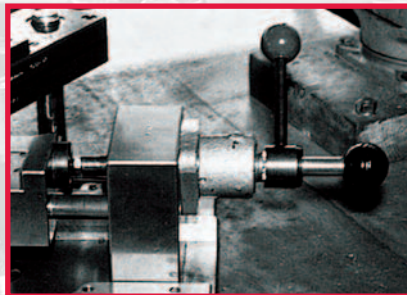
Horizontal Clamp with U-shaped bar used in drilling fixture



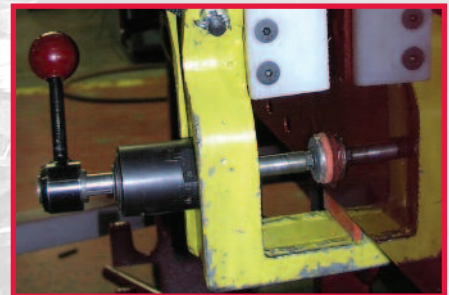
Compact Horizontal Clamps holds syringes in place during processing



Robot-type welding fixture with Straight-Line Action Clamp



Straight-Line Action Clamp w/Plunger



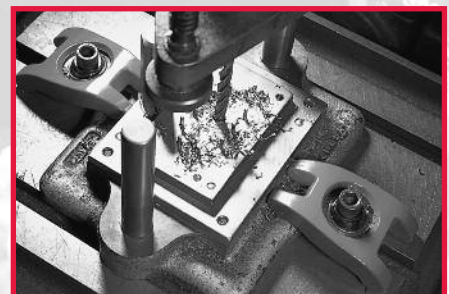
Variable Stroke Straight-Line Action Manual Clamp



Squeeze-Action Pliers Clamps used to hold material together during riveting



Latch Clamp used to hold down lid of container



Carver Clamps used to secure a part fixture during a drilling application



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