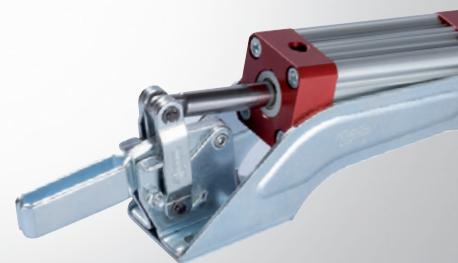




Toggle & Fastening Clamps



STANDARD MACHINE ELEMENTS WORLDWIDE

elesa®

Toggle & Fastening Clamps

ELESA toggle and fastening clamps are widely used in the workholding of parts in the metal, wood, and plastics industries.

Particularly when there is a need for **high clamping force** and **repeated operations** to **quickly and safely lock** components.

The range includes clamps for medium to heavy load applications.

Whether mechanical or pneumatic, all solutions offer **quick** and **easy** opening and closing operations, ensuring excellent **clamping**.

Allowing **safe operation** in conditions subject to strong vibration stresses. The **ergonomic handle**, resistant to solvents, oils, greases, and other chemical agents, ensures a **safe and firm grip** for the operator.

Fastening clamps made from **high-quality steel** allows for an optimal combination of high clamping force with a reduced size and weight.

Resulting in reliable and easy-to-use components.

The range is completed by a group of accessories for further customization.

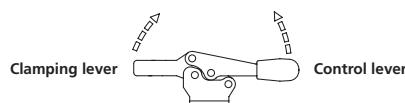


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Horizontal toggle clamps

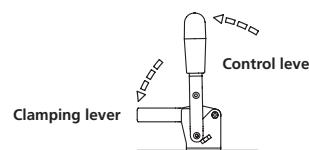
Steel or stainless steel with a folded or straight base and red polyurethane control handle.



When clamping is obtained, the control lever rests in the horizontal position. The control and clamping levers operate in opposing directions. To prevent any impact on functionality due to side thrust, the lever is carefully controlled during the clamping process. Additionally, there are toggle clamps equipped with safety devices that help maintain the clamp securely in a closed position.

Vertical toggle clamps

Steel or stainless steel with a folded, straight, or double base and red polyurethane control handle. Where high clamping forces are required. The reinforced Long Life series is available in phosphated steel.



When clamping is obtained, the control lever rests in the vertical position. The clamping and control levers move in the same direction. To prevent any impact on functionality due to side thrust, the lever is carefully controlled during the clamping process. Additionally, there are toggle clamps equipped with an anti-release lever to prevent accidental opening or closing in the presence of strong vibrations.

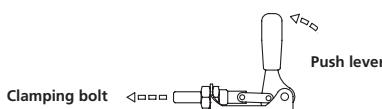




Push pull toggle clamps

Available in steel or stainless steel, as well as in manganese phosphate pressed steel, which comes in a black color with a red polyurethane control handle.

Push-pull toggle clamps are ideal when high clamping forces and repetitive movements are required to lock components.



The plunger performs a positive straight-line action to provide perfect clamping. They have been designed with a reduced height for assembly alongside equipment in the case of limited space.



Clamps for rotational molds

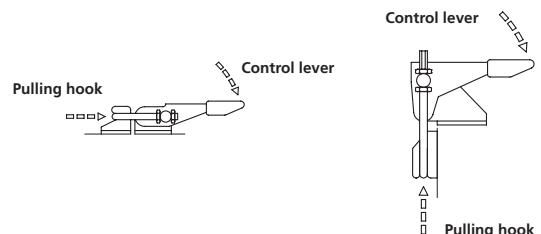
Clamps for rotational molding are available in weldable steel and are designed to perform clamping operations in the presence of high temperatures (between 464 °F and 572 °F).

All articulated joints are lubricated with a special grease, resistant to high temperatures.



Latch clamps

Available in zinc-plated or stainless steel with a red polyurethane handle. The heavy-duty series is available in weldable steel, or a stainless steel body for high resistance torque.



The circular movement of the control lever is transformed into linear movement through the pulling hook. One handed hooking and unhooking operations are facilitated as the eyelet follows the lever in its movement.

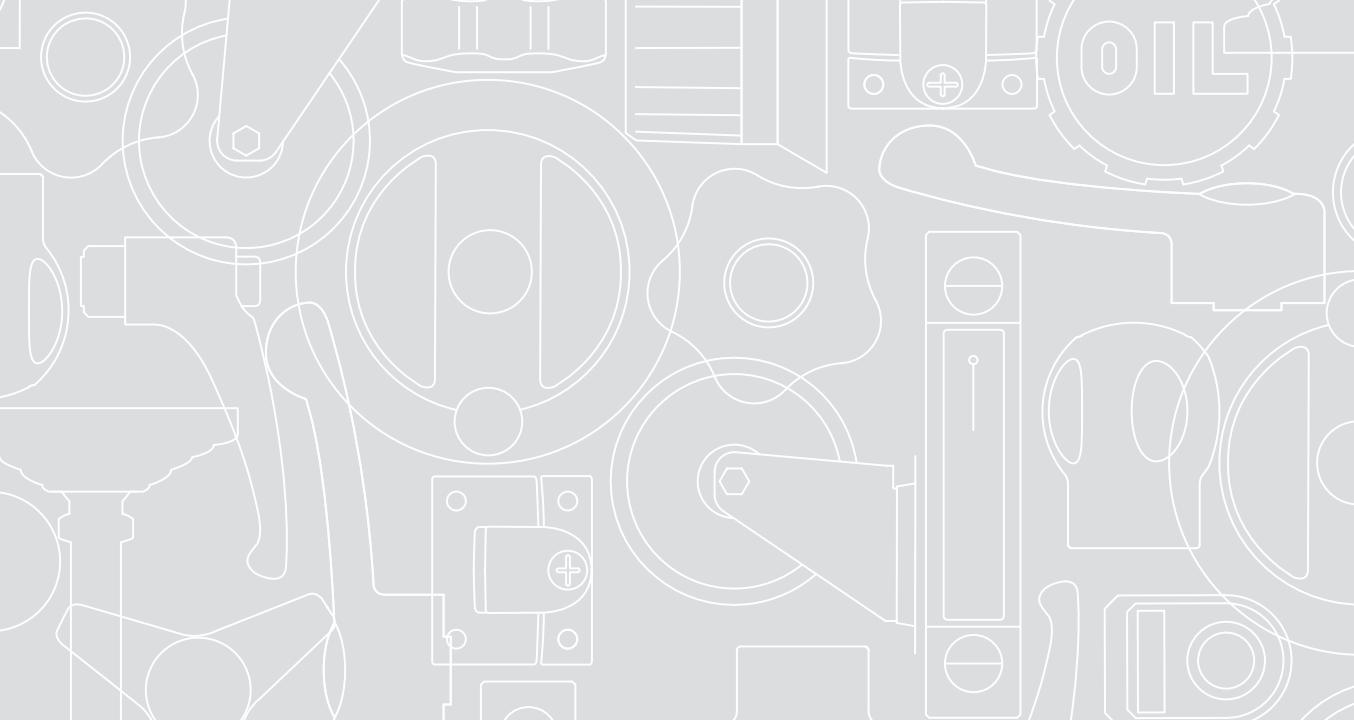


Pneumatic toggle and fastening clamps

Pneumatic toggle and fastening clamps obtain mechanical locking by actuating a pneumatic cylinder of compressed air.

Pneumatic clamps are characterized by a high clamping force, reduced size, low consumption of compressed air, and reduced weight. They provide solutions for fixtures and jigs in heavy-duty applications. All these solutions can be easily be achieved with our full line of standard accessories available in our catalog.





ELESA. More and more...



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