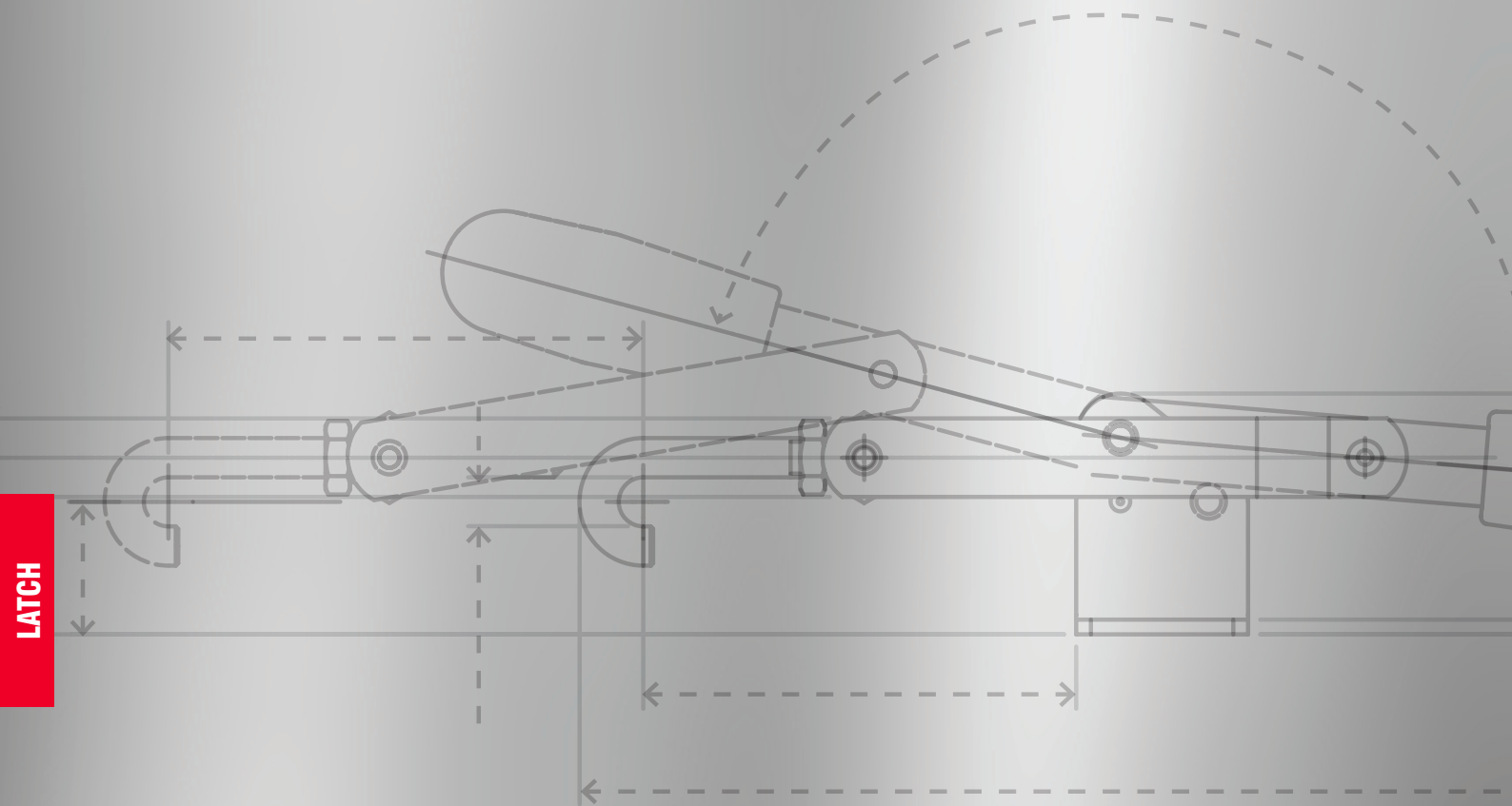


# LATCH SERIES



Here you can download  
2D and 3D CAD drawings  
of all products.



The tie rod clamping tools are characterized by a circular movement of the control lever that transforms into a linear movement of the tie rod. These products are mostly used in closing hinged lids, for container boxes or for machine and equipment doors.

**LIGHT SERIES:** It has holding forces from 160 to 1000 daN. They are available in galvanized steel and stainless steel.

**HEAVY-DUTY SERIES:** It has holding forces from 1700 to 4000 daN. They are available in hot-stamped, painted, phosphated or stainless steel.

**HIGH TEMPERATURE SERIES:**

It has retention forces of 1500 daN.

These tools are free of plastic parts and with the appropriate modifications compared to the light series models (couplings with different tolerances, changes in geometries, different finishes, etc., etc.) that make them suitable for use in environments that can reach 240-300 °C. The products are made of raw steel. They are normally used in the rotational moulding of plastic and require a type of clamping capable of working safely and quickly at high temperatures without uncertainties in closing and opening.

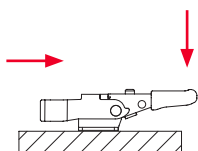
**TOGGLE LATCHES:** The ET-EG-ETL-EGL models represent a compact version of the lightweight series. They are normally used for closing lids or light doors. Thanks to the possibility of inserting a padlock, they can be used as anti-intrusion security locks.

**TIE RODS:** they can be single (eyebolt, T-shaped and hook-shaped) or double. All the tie rods are adjustable within the stroke (dimension D).

**BASIC TYPES:** The support base is parallel to the line of action of the force. In the closed position, the control lever is parallel to the support base. T - TF - TL - TFL - T2- T5 - T6.

The support base is perpendicular to the line of action of the force. In the closed position, the control lever is parallel to the support base. T3.

The support base is perpendicular to the line of action of the force. In the closed position, the control lever is perpendicular to the support base. T4.



# T5/T5X

## TIE ROD TOGGLE CLAMPS, WITH SAFETY LEVER

### Material:

Phosphated steel (T5) or **AISI 304 stainless steel** (T5X).

### Pins:

Galvanized steel (T5) or **AISI 304 stainless steel** (T5X).

### Threaded bushing:

Phosphated steel (T5) or **AISI 303 stainless steel** (T5X).

### Handle:

Red polyurethane; resistant to oils, greases and other chemical agents.

### Safety lever:

Phosphated steel with galvanized steel button (T5) or **AISI 304 stainless steel** (T5X).

### Tie rod:

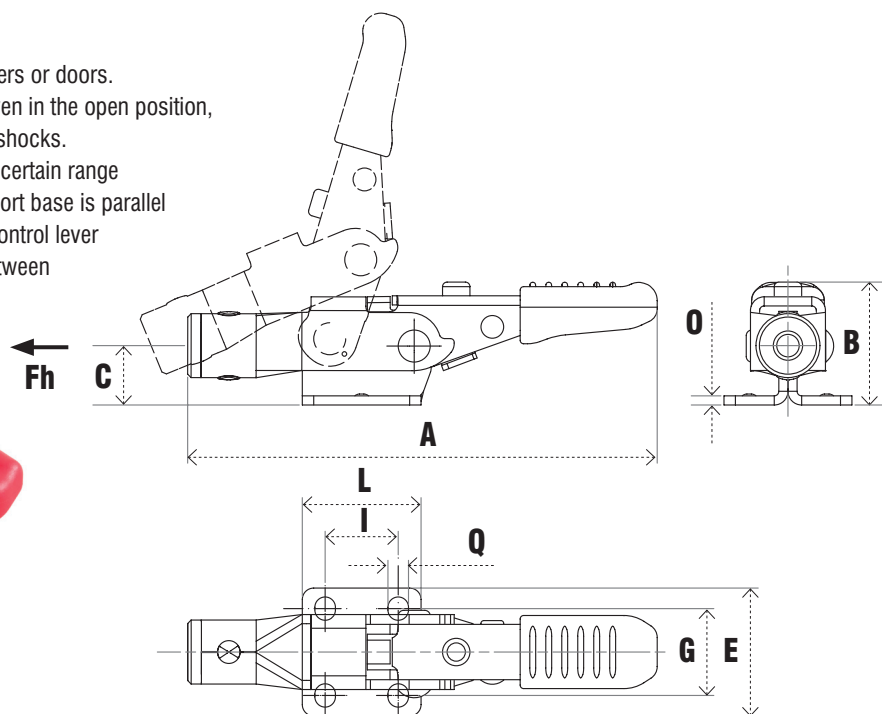
To be ordered separately (see Accessories).

### Features and applications:

These tools are particularly suitable for closing machine covers or doors. The safety lever ensures the perfect anchoring of the tool, even in the open position, preventing any accidental openings caused by vibrations or shocks. The position of the threaded tie rod can be adjusted within a certain range (see dimension "D") to fit the requirements of use. The support base is parallel to the line of action of the force. In the closed position, the control lever is parallel to the support base. A special grease is placed between the contacting surfaces during assembly.

### Accessories:

- TG series eyebolt tie rods (see page 148).
- TT series T-tie rods (see page 148).
- TU series hook tie rods (see page 148).



Code	Description	A	B	C	E	G	I	L	O	Q	Fh (DaN)	Gr.
AL575	160/T5	103	26.8	13	28	19	16	26	2	4.5	175	100
AL580	320/T5	153	38.5	19	44	32	19	40	3	6.7	400	295
AL585	700/T5	222	53	28	54	38.1	41.5	60	3.5	8.5	750	690



Code	Description	A	B	C	E	G	I	L	O	Q	Fh (DaN)	Gr.
AS545	160/T5X	103	26.8	13	28	19	16	26	2	4.5	175	100
AS550	320/T5X	153	38.5	19	44	32	19	40	3	6.7	400	295
AS555	700/T5X	222	53	28	54	38.1	41.5	60	3.5	8.5	750	690