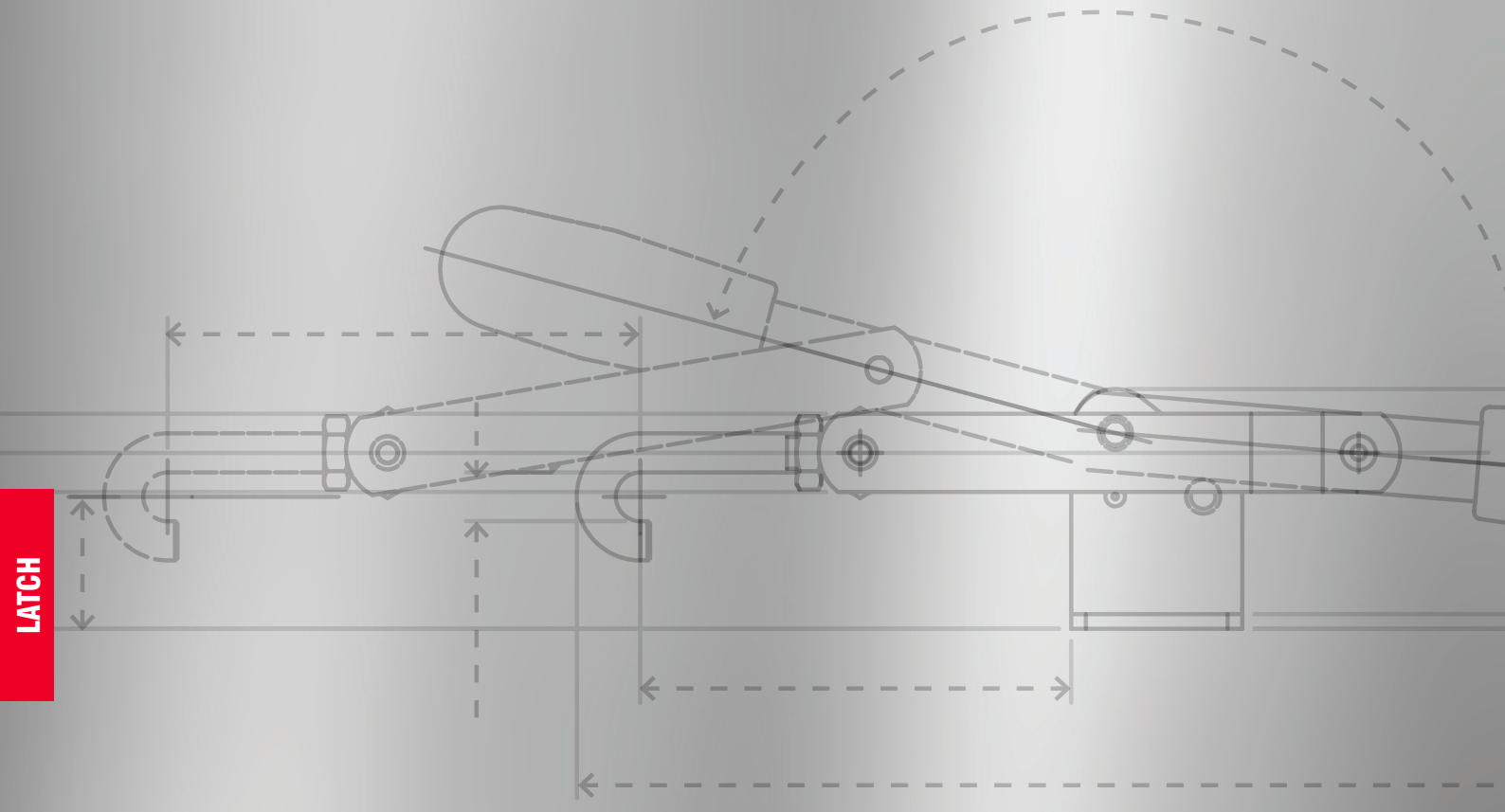
LATCH SERIES



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.

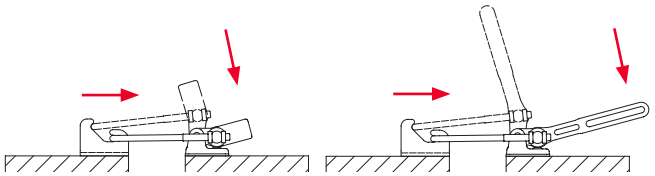
TOGGLE LATCHES: The ET-EG-ETL-EGL models represent a compact version of the lightweight series. They are normally used for closing lids or light doors. Thanks to the possibility of inserting a padlock, they can be used as anti-intrusion security locks.

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.



1500/T2S - 1510/T2S

DOUBLE TIE ROD TOGGLE CLAMPS FOR HIGH TEMPERATURES

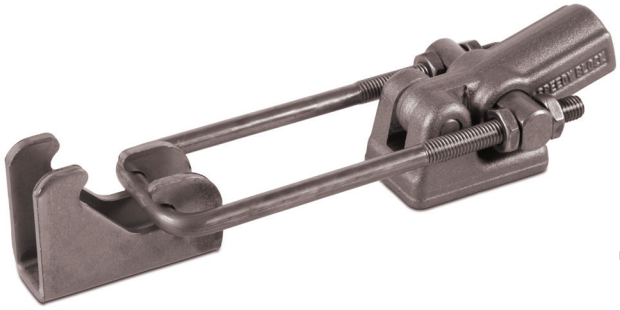
Base and control lever:
Hot moulded raw steel.

Tie rod with nuts, swinging pivot and hooking bracket:
Raw steel.

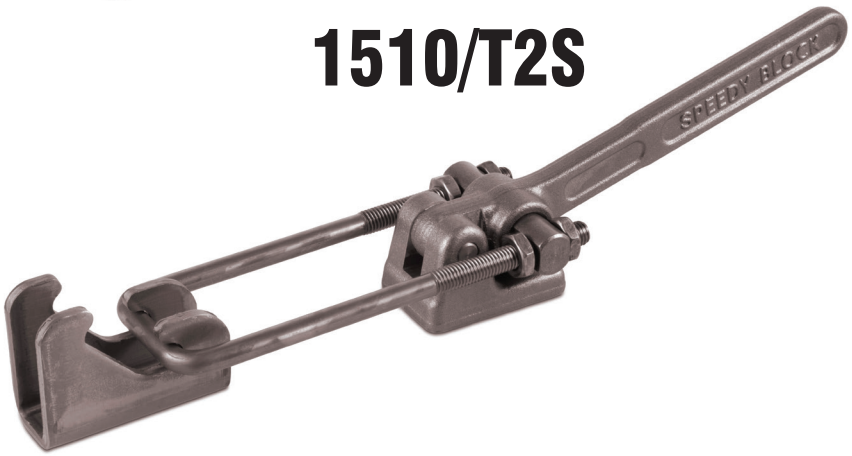
Accessories:
• Tie rods of different sizes (see page 145).

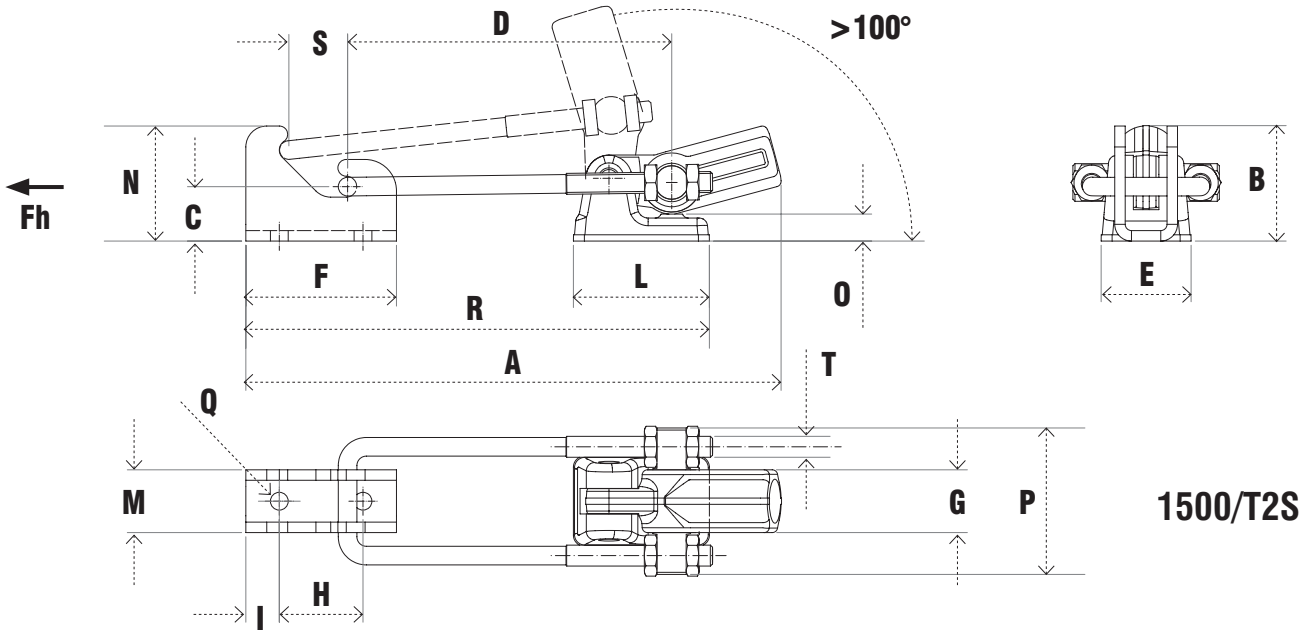
Features and applications:
The tools of this series are generally used in rotational moulding, as they are able to operate at high temperatures (240-300°C); this is made possible thanks to their finishing, the interposition between the parts of a special copper grease and appropriate tolerances between the couplings.

1500/T2S

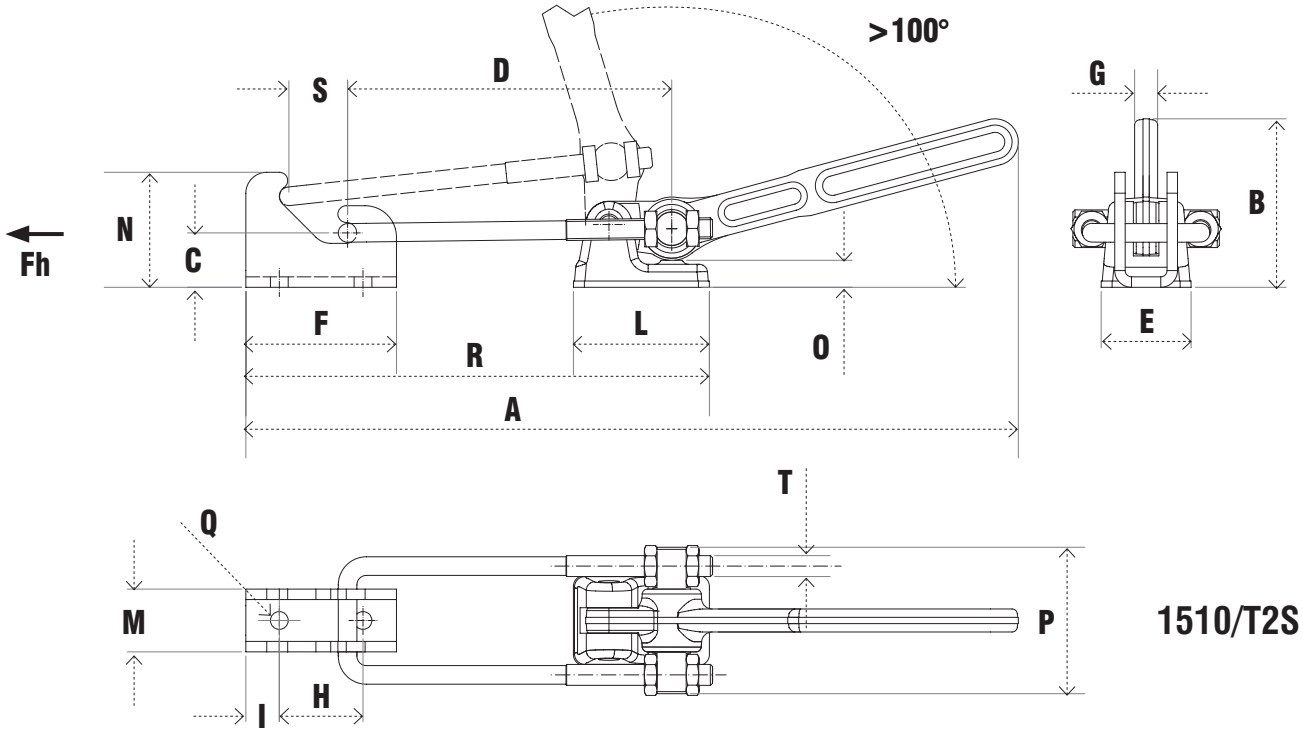


1510/T2S





1500/T2S



1510/T2S

Code	Description	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	Fh (daN)	Gr.
AL750	1500/T2S	256	55	26	155	43	72	30	40	16	65	30	55	13	70	8.5	222	28	M10	1500	1240

Code	Description	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	Fh (daN)	Gr.
AL755	1510/T2S	369	80.5	26	155	43	72	11	40	16	65	30	55	13	70	8.5	222	28	M10	1500	1320