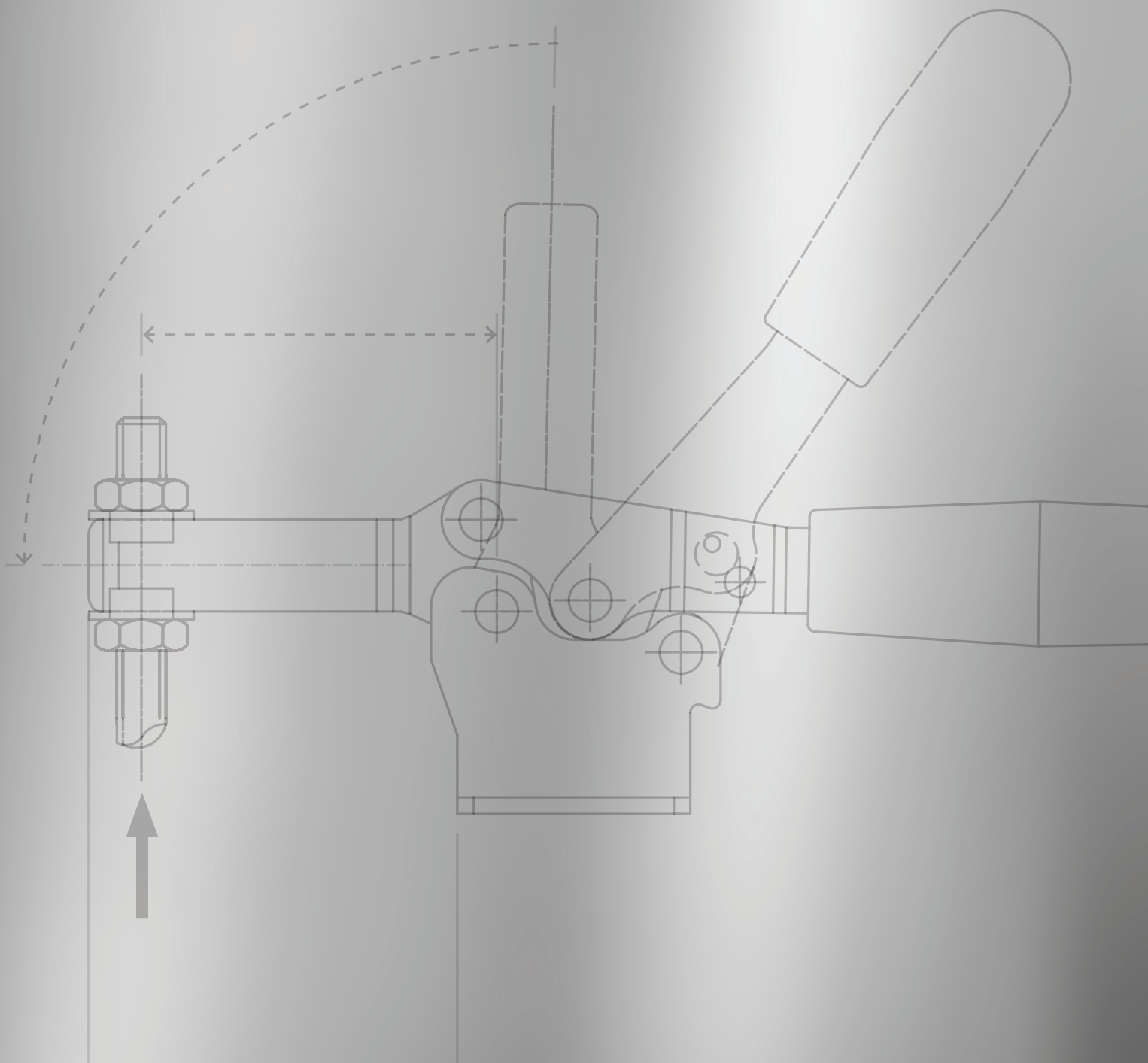
HORIZONTAL SERIES



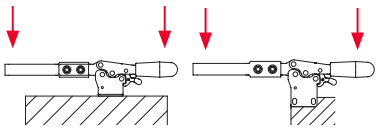
Here you can download
2D and 3D CAD drawings
of all products.

The tools of this family are characterized by the horizontal position of the control lever in the clamping position. The clamping and control levers normally move in opposite directions.

They are available in two different executions:

LIGHT SERIES:
It has holding forces from 40 to 620 daN.
They are available in galvanized steel and stainless steel.

HIGH TEMPERATURE SERIES:
It has holding forces from 100 to 180 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 phosphated weldable steel. They are normally used in the rotational moulding of plastic that requires a type of clamping capable of working safely and quickly at high temperatures without uncertaintiesin closing and opening.



OLS - PLS

HORIZONTAL TOGGLE CLAMPS WITH SAFETY LEVER AND EXTENDED CLAMPING LEVER

Material:
Galvanized steel.

Riveted Pins:
Galvanized Steel.

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

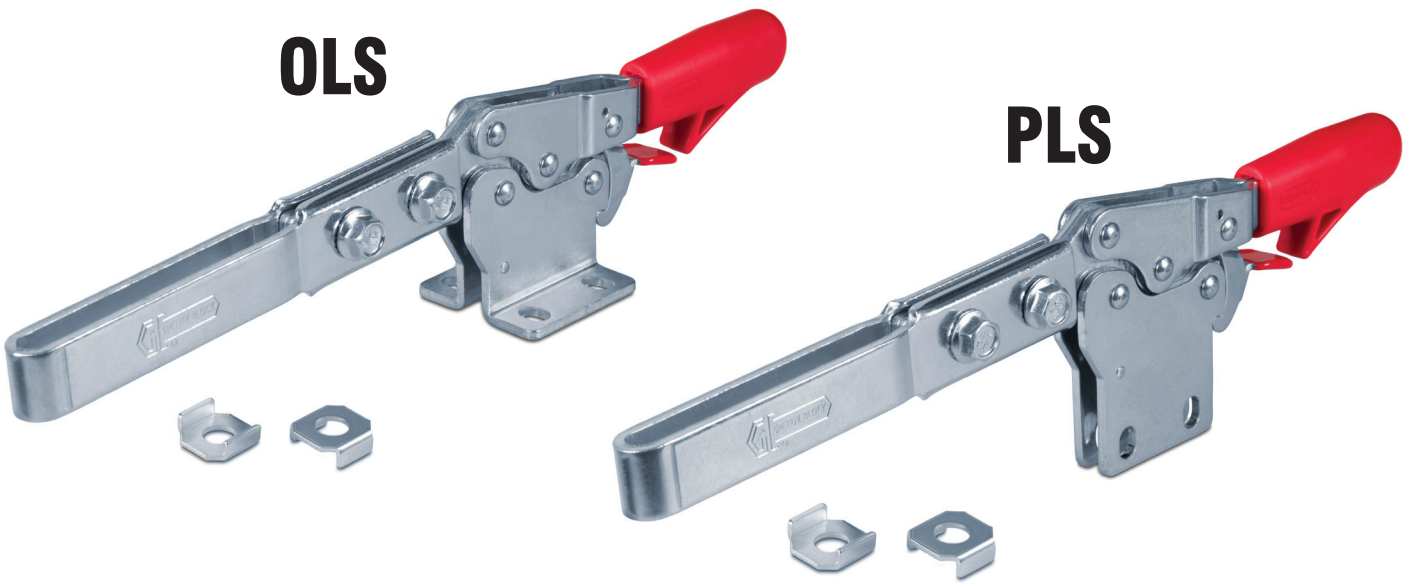
Fixing base:
- **OLS:** folded base.
- **PLS:** straight base.

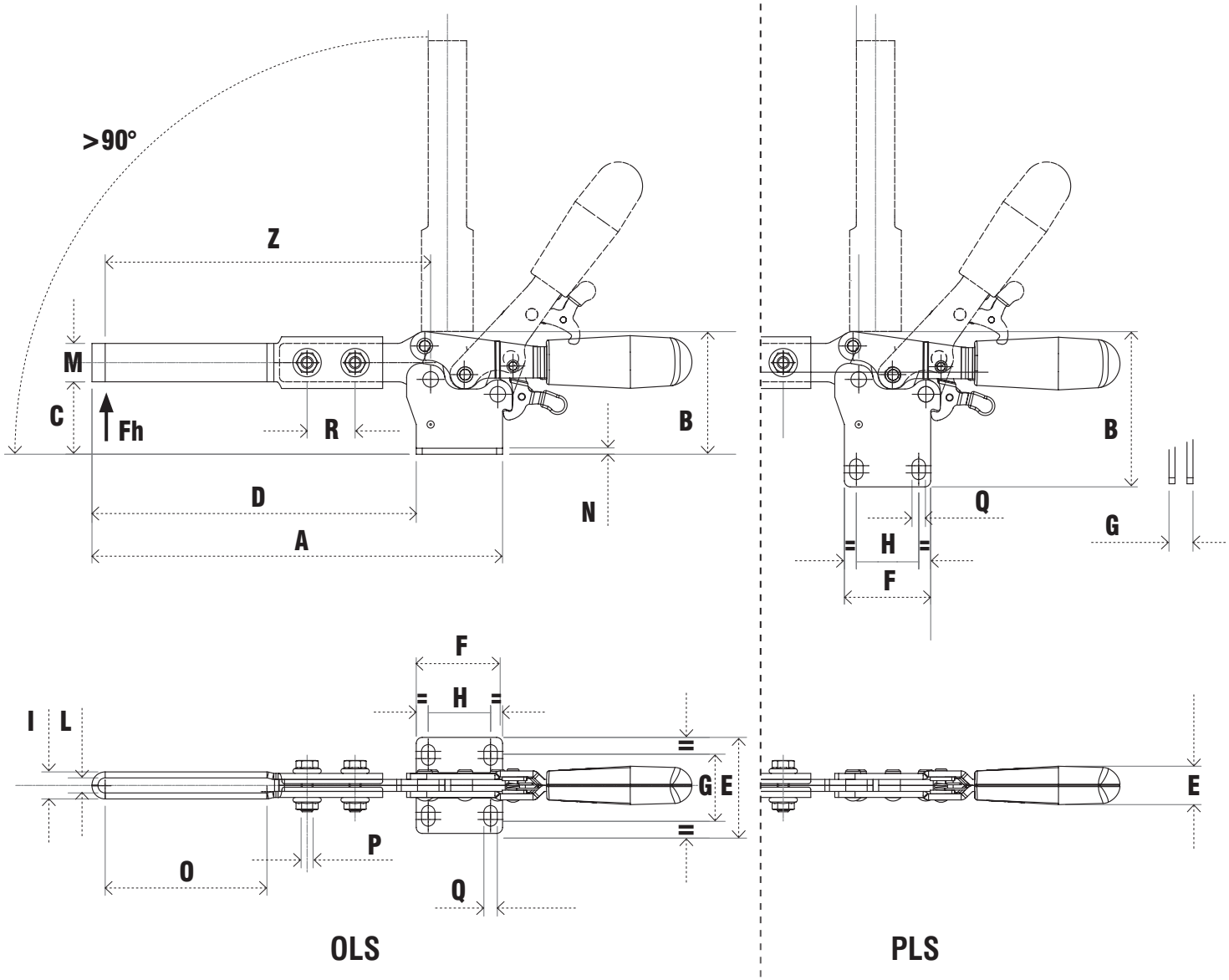
Safety lever:
Galvanized steel, red PVC coating.

Extension:
AP6 and AP8 series in galvanized steel, included in the supply with screws and nuts for assembly (see page 154).

Features and applications:
The extended clamping lever is suitable for use on control jigs.
The safety lever ensures the perfect anchoring of the tool, even in the open position, preventing any accidental openings caused by vibrations or shocks In fact, opening the tool requires a mechanical action by the operator to disengage the retaining system.
During closing, the clamping lever is guided laterally to ensure greater stability against any transverse stresses.
The movement of the levers has been designed to ensure the safety of the operator's fingers and prevent them from being crushed during the movement of the tool.
A special grease is applied to the contact surfaces to reduce friction and make the movement smoother.

Accessories:
- Spindles (see page 152).
- Lever crossbars (see page 155).
- Safety sensor kit (see page 140-141).





OLS

PLS

Code	Description	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	Z	Fh (daN)	Gr.
AD146	130/OLS	171	51	30.5	135	40	36	22.4 - 28.4	26	11.5	6.3	16	2.5	67.5	M5	5.6	20	134	60	295
AD151	130/PLS	171	64.5	35 - 38	135	16	36	10	26	11.5	6.3	16	5.8 - 8.8	67.5	M5	5.6	20	134	60	295
AD295	230/OLS	196	61.5	36.5	152	44	44	26 - 31.5	26	14.2	8.2	18	3	71.5	M6	6.6	26	150	110	485
AD297	230/PLS	196	75.5	42 - 44.5	152	16	44	12	26	14.2	8.2	18	6.5	71.5	M6	6.6	26	150	110	485