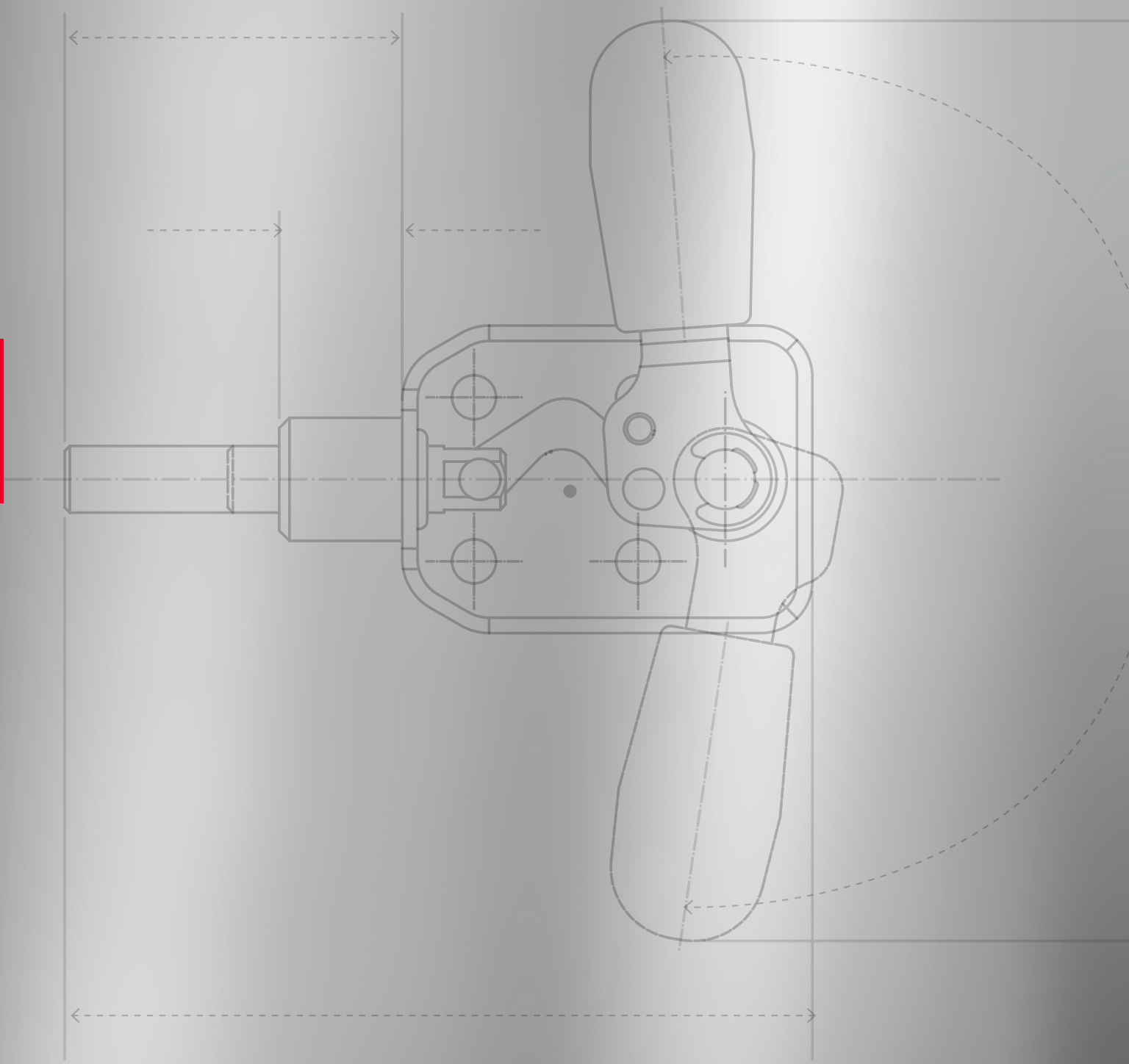
STRAIGHT-LINE ACTION SERIES



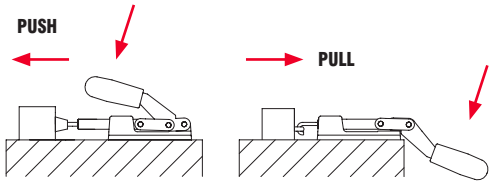
STRAIGHT-LINE

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

In the tools of this family, the circular movement of the control lever is transformed into the linear movement of the push rod. Some models can work and lock with both thrust and traction, others can only work with thrust.

LIGHT SERIES: It has holding forces from 80 to 720 daN. They are available in galvanized steel and stainless steel. The main feature of the ASD/ASS models is the low point of application of force as well as the very small vertical footprint. For models 80-165-340/AS there is the possibility of front mounting with an external thread that allows the rotation of the control lever in the most favourable position for use. The fixing bracket on the table increases the possibilities of use.

HEAVY-DUTY SERIES: It has holding forces from 120 to 4500 daN. The base body is made of hot forged ASTM A105 steel with a manganese phosphate finish for all sizes. Riveted Pins are available for sizes 70-160-360. Pins with support bushings hardened by cementation for the other sizes. Push rod and control lever in galvanized steel.



AS - ASX

PUSH AND PULL ROD TOGGLE CLAMPS

Base:
- **AS:** Hot-forged ASTM A105 steel with manganese phosphate finishing (70-160-550/AS) or painted finishing (360-1100-2100-3100/AS)
- **ASX:** Polished **AISI 304 stainless steel**.

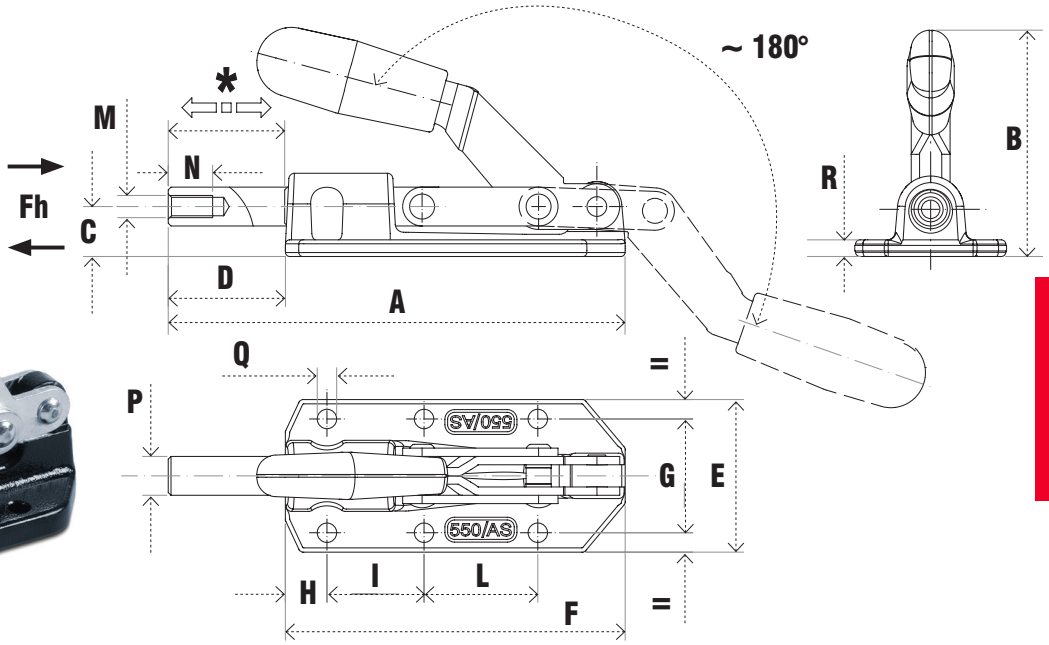
Control lever, riveted pivots and push-pull rod:
Galvanized steel (AS), **AISI 304 stainless steel** (ASX). Galvanized steel or **AISI 303 stainless steel** push-pull rod. Rod with threaded hole for the spindle housing (to be ordered separately - see Accessories).

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

Features and applications:
The tools of this series can work with both push and traction.
A special grease is applied to the contact surfaces to reduce friction and make the movement more fluid.

Other available executions:
Pneumatic series.

Accessories (to be ordered separately):
- Spindles (see page 152).



Code	Description	A	B	C	D	E	F	G	H	I	L	M	N	P	Q	R	*	Fh (daN)	Gr.
AG070	70/AS	86	41	12	22	36	64	26	13	26		M6	12	8.5	4.3	6	20	120	165
AG160	160/AS	116	56	15	31	46	85	33.5	11.5	36.5		M6	12	11	5.5	7	30	280	360
AG351	360/AS	122	70	25	32	45.5	90	33.5	30	36.5		M8	15	12	5.5	7	32	560	480
AG355	550/AS	164.5	75	18	42	55	122.5	41	15	35	41	M8	16	14	7	7	42	800	750
AG361	1100/AS	182	92	25	49	57	133	41	15	35	41	M10	18	16	8.5	8	50	1600	1060
AG371	2100/AS	238	118.5	35	61	70	177	50	35	50	50	M12	22	20	8.5	10	60	2500	2280
AG381	3100/AS	316	137	40	100	76	216	54	40	70	70	M14	25	22	11	10	100	4500	3350

Code	Description	A	B	C	D	E	F	G	H	I	L	M	N	P	Q	R	*	Fh (daN)	Gr.
AS395	70/ASX	86	41	12	22	36	64	26	13	26		M6	12	8.5	4.3	6	20	120	165
AS397	160/ASX	116	56	15	31	46	85	33.5	11.5	36.5		M6	12	11	5.5	7	30	280	360
AS399	360/ASX	122	70	25	32	45.5	90	33.5	30	36.5		M8	15	12	5.5	7	32	560	480