

NEW

BISON

6740

Self-Centering Power Vise



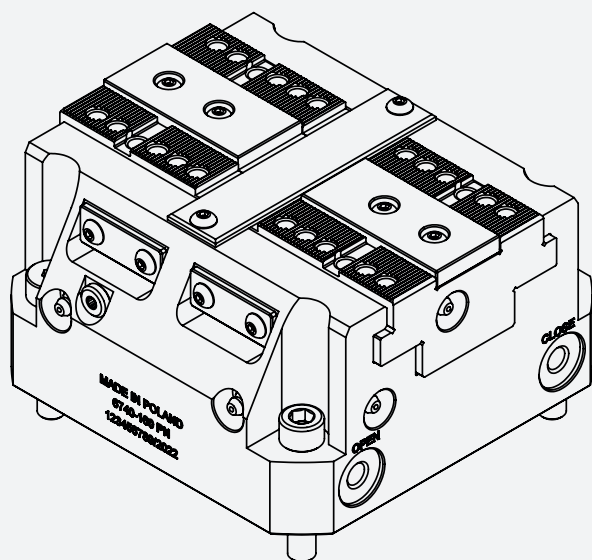
BISON S.A.
EMPOWERED BY PRECISION



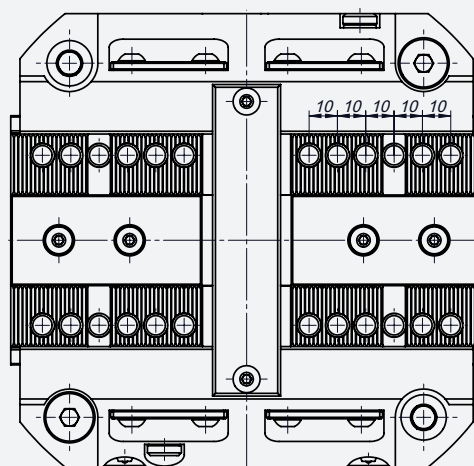
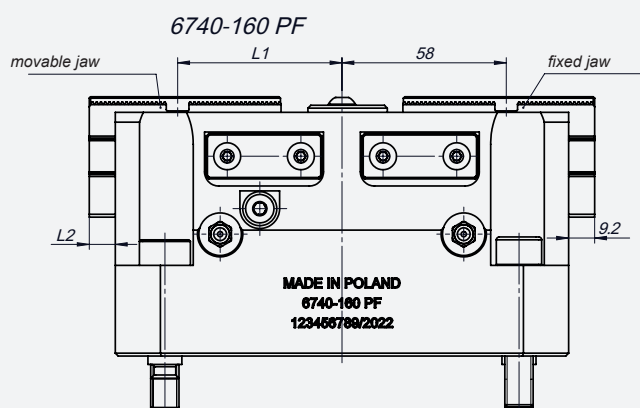
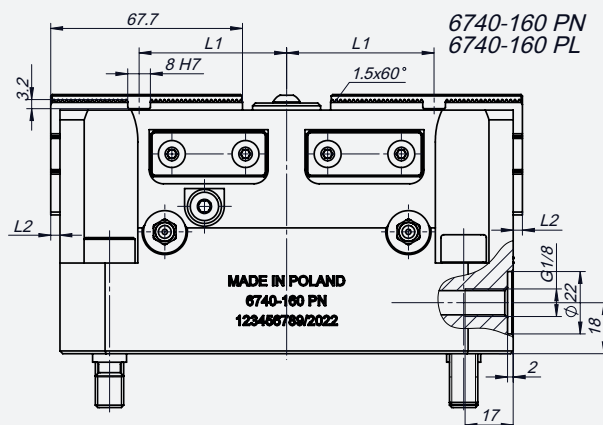
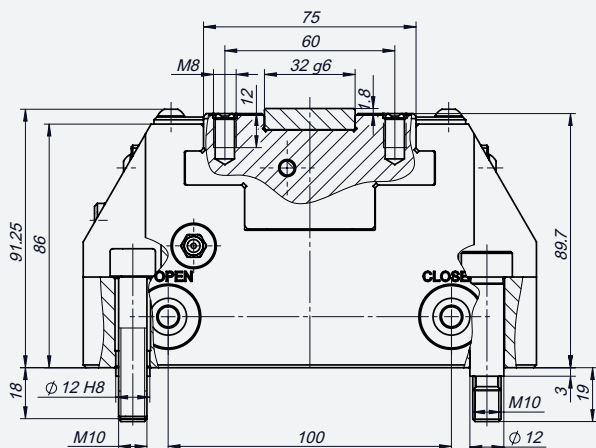
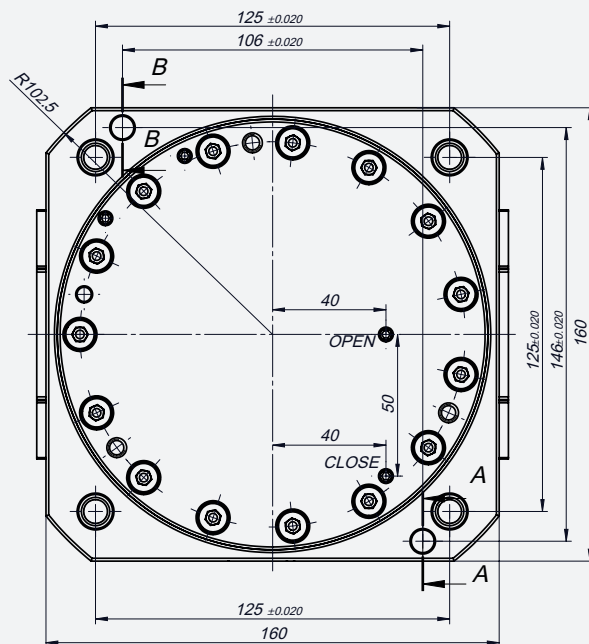
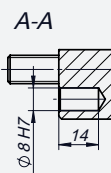
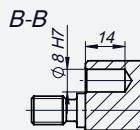


Features:

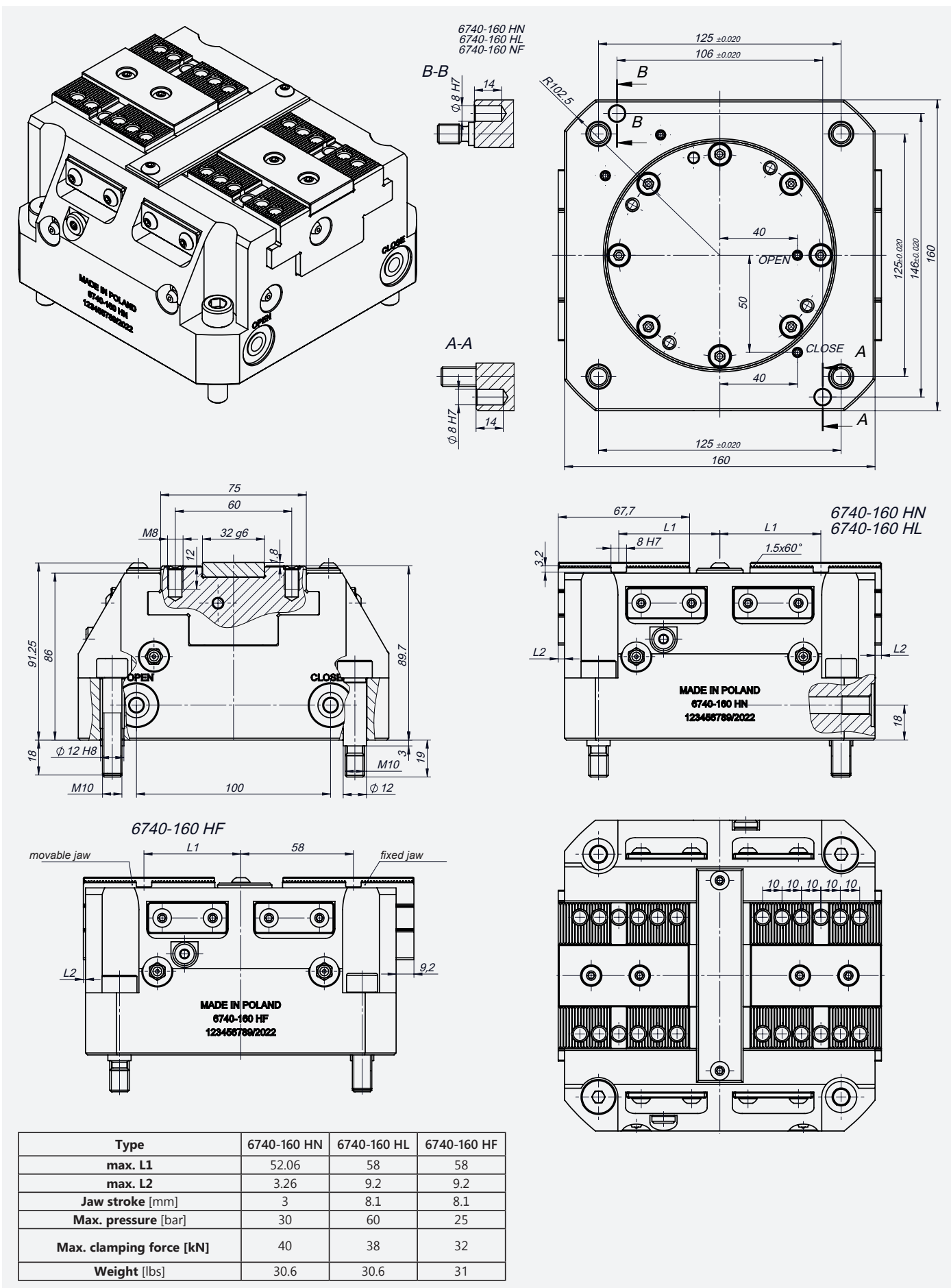
- High repeatability
- High rigidity
- Inside of the vise sealed from chips
- Easy-cleaning design of the vise body
- Compact design
- Linear adjustment of the actuating pressure
- Linear correlation between the input pressure and the clamping force
- The vises are available in two powering setups:
 - Pneumatic powering – type 6740 P
 - Hydraulic powering – type 6740 H
- The vises are available in the following variants:
 - with standard jaws travel – type 6740-160 PN; 6740-160 HN
 - with extended jaws travel – type 6740-160 PL; 6740-160 HL
 - with one movable and one stationary jaw – type 6740-160 PF; 6740-160 HF
- Max clamping force:
 - Vices with pneumatic powering:
 - with standard jaws travel – $F=40$ [kN] for input pressure $P=9$ [bar]
 - with extended jaws travel – $F=19$ [kN] for input pressure $P=9$ [bar]
 - with one movable and one stationary jaw - $F=32$ [kN] for input pressure $P=9$ [bar]
 - Vices with hydraulic powering:
 - with standard jaws travel – $F=40$ [kN] for input pressure $P=30$ [bar]
 - with extended jaws travel – $F=38$ [kN] for input pressure $P=60$ [bar]
 - with one movable and one stationary jaw - $F=32$ [kN] for input pressure $P=25$ [bar]



6740-160 PN
6740-160 PL
6740-160 PF



Type	6740-160 PN	6740-160 PL	6740-160 PF
max. L1	52.06	58	58
max. L2	3.26	9.2	9.2
Jaw stroke	3	8.1	8.1
Max. pressure [bar]	9	9	9
Max. clamping force [kN]	40	19	32
Weight [lbs]	29.5	29.5	29.7





Properties:

- Standardized location of the holes for mounting the vise on the machine table and powering connections allows for interchanging the pneumatic with hydraulic vises
- The holes for mounting the vise on the machine table are made in H7 tolerance
- The body and the working parts of the vise are hardened for high precision and long service time
- Features venting and central lubrication
- Allows for central powering
- Master jaws with a socket, T-nut and 1.5x60° serration
- Outside and inside clamping
- Stroke control with proximity switches (optional)

Standard Equipment:

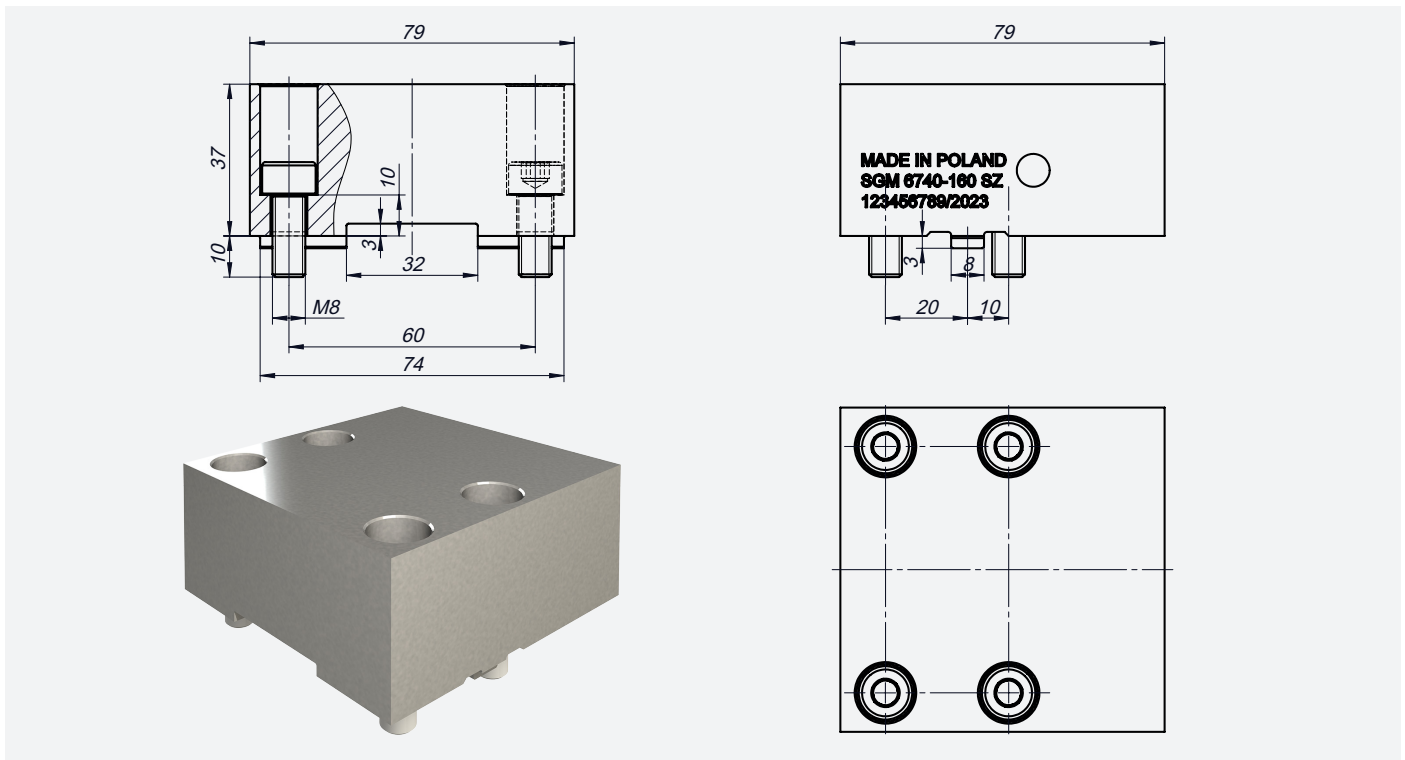
- Self-centering vise without top jaws
- Screws for mounting and setting the vise on the table

Optional Equipment:

- Soft Top Jaws with T-nuts
- Hard Top Jaws with Serrated Inserts, 1.5x60°serration
- Base plate with valve

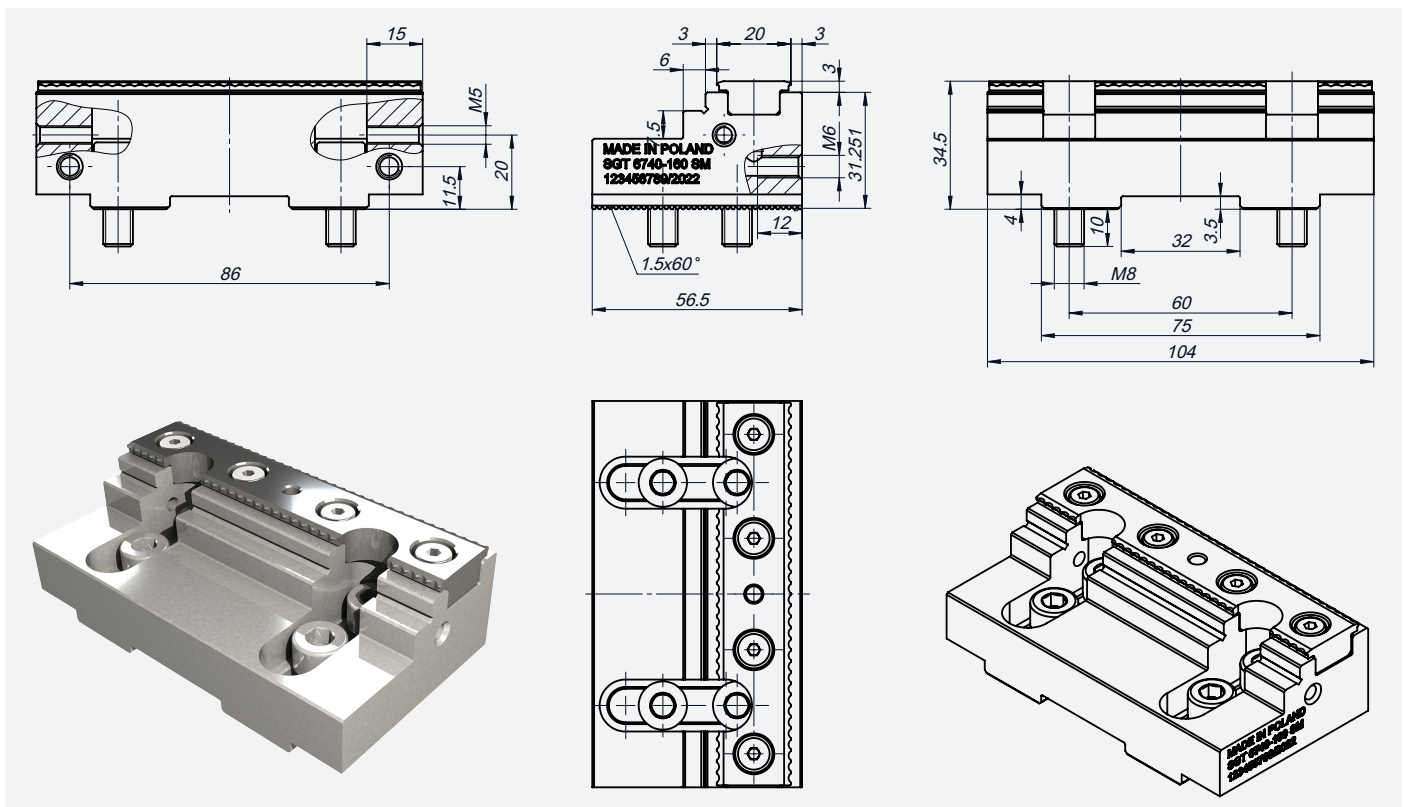
SGM 6740-160 SZ

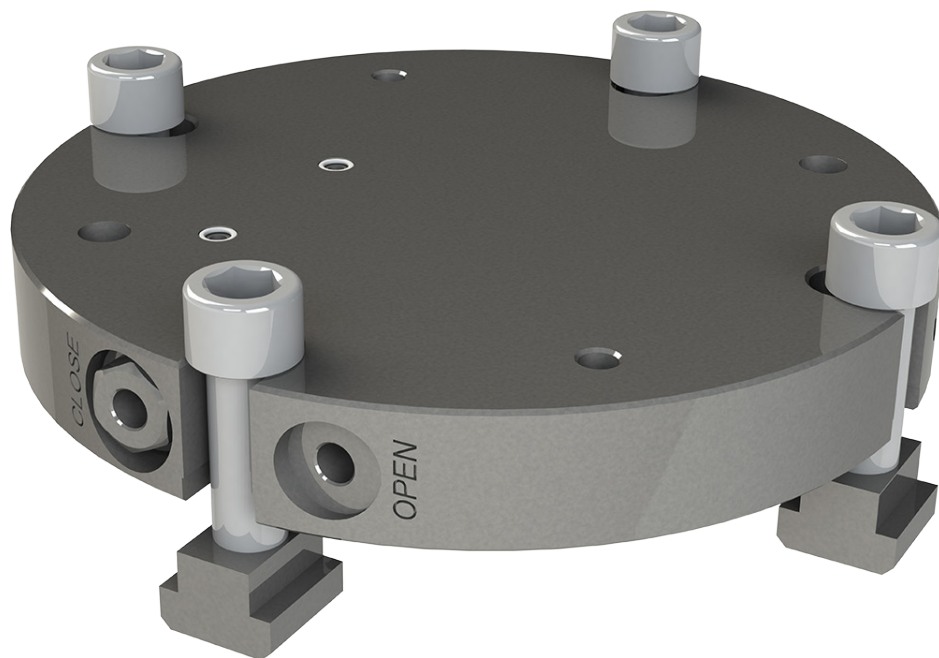
Soft top jaw



SGT 6740-160 SM

Metric hard wide top jaw



6780-160 P**Baseplate with power connector for vises type 6740 P****Features:**

- Spacing of the clamping channels 185x185mm, T-nuts M16/18mm.
- The baseplate for type 6740 P vise is equipped with a non-return valve.
- The baseplate ensures maintaining the operating pressure of the vise after disconnecting from the powering unit for transportation.
- Allows for machining of the workpieces held by the vise after disconnecting it from the powering unit.
- Powers the vise through the additional dedicated channels located on the bottom part of the vise.
- Designed to be mounted on the tables with T-slots located 100 mm apart.
- Allows for mounting on the tables with other T-slot layouts, using additional clamps.
- The entire baseplate, including the area in the center, is made of solid material, which allows for adding a mounting hole for "Zero-Point" system with a single pin.



MAIN MANUFACTURING PLANT
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