

No. 7800P

Vacuum clamping plate, Premium Line

With accessories ready for connection.

Supplied as standard:

- vacuum clamping plate made of aluminium
- integrated Venturi nozzle
- sound absorber
- vacuum meter
- stop valve
- 6 eccentric stop
- 2 m pneumatic hose
- plug-in nipple for the compressed air connection
- 10 m sealing cord Ø 4 mm (black)
- 10 m sealing cord Ø 4 mm (grey)

NEW!

Order no.	Operating pressure for max. vacuum [bar]	max. vacuum [%]	Number of suction points	Number of Venturi nozzles	A	B	H ±0,1	R	Number of Zero-Point-Systems mounting holes	Weight [Kg]
564844	3,5	92	1	1	150	150	40	12,5	-	1,0
564845	3,5	92	3	1	300	200	40	12,5	2	6,0
564846	3,5	92	9	1	300	400	40	12,5	4	12,0
564848	3,5	92	9	1	400	400	40	12,5	4	16,0
564849	3,5	92	9	1	400	600	40	12,5	6	24,0
563703	3,5	92	16	2	600	800	40	25,0	2 x 6	50,0

Design:

The vacuum clamping plate has grooves and suction points on its upper side. By inserting the sealing cord, one or more fields can be defined for the desired workpiece size.

Easy positioning via holes for stop pins or lateral, height-adjustable eccentric stops.

Lateral grooves or fastening bores (for m8) allow the vacuum clamping plate to be fastened to a base plate (e.g. machine table).

It is also no problem to integrate the vacuum clamping plate into the zero-point clamping system size K20 (M12) (see the AMF catalogue „Zero-Point Systems“).

We recommend using a pneumatic hose Ø 10 mm (7800S).

The vacuum clamping plate 563703 (600 x 800) is divided into two vacuum circuits.

Application:

The workpieces being machined are clamped by generating a vacuum by means of the integrated Venturi nozzle technology (supplied as standard) or with an external vacuum pump. By means of individual grid allocation it is also possible to clamp and machine multiple, different workpieces at the same time.

Typical applications are milling and grinding operations.

Advantage:

- The AMF vacuum clamping plate can be operated using compressed air and the integrated Venturi nozzle, or with an external vacuum pump.
- The vacuum clamping plate is ready to use right away – all of the necessary components are supplied as standard.
- All suction points are interconnected. (Exception: size 600 x 800 mm)
- With attaching thread M4 for fastening the adapter plate 7800APA.
- For the reproducibility of clamping, all grooves are labelled using a coordinate system.
- Stop bores Ø 4 mm for component positioning with stop pins.
- Cost savings through use of the Venturi nozzle.
- Low compressed air consumption, thus low operating costs.
Example: 1 m³ of compressed air costs 0.0078 €. With an average consumption of 49 l/min. this corresponds to 0.023 €/h.
- Multiple suction points, thus flexible grid allocation and clamping of multiple parts possible.
- Vacuum clamping plates can be combined with each other.
- High holding forces.
- Universal use.
- Sealing cords compensate for small irregularities in the workpiece surface.
- Distortion-free and vibration-free five-side processing.

Note:

Operate only with dried, filtered, non-lubricated compressed air! Venturi nozzle useable up to 60 °C.

Max. Suction volume against atmosphere: 48.8 l/min.

Operating pressure for max. suction volume flow: 4.5 bar

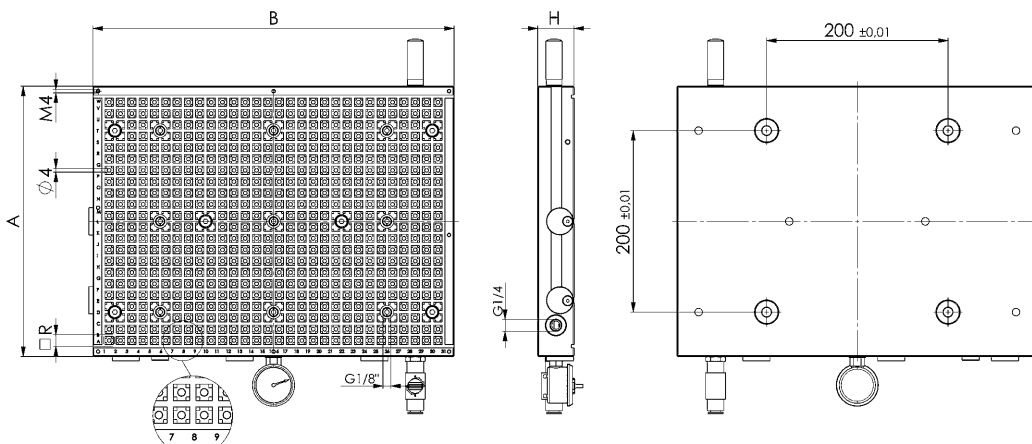
Medium temperature: 0 °C - 60 °C

Ambient temperature: 10 °C - 50 °C

Please observe the installation instructions 7800P.

On request:

Special dimensions are possible.



Subject to technical alterations.