Custom built tombstone
with integrated storage tank,
magnetic Valve and 6 pc grid type chucks.

Grid chucks

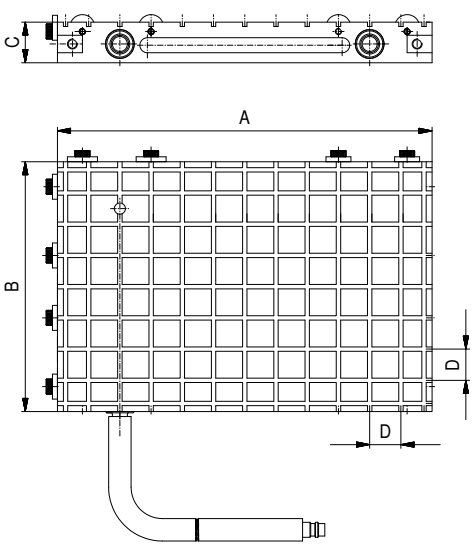
Modular version
Standard sizes
Special design

Applications
For simple shaped workpieces
with a rough surface and heavy duty milling
- Grinding
- Milling
- Turning

Advantages
- Strong hold down force
- For universal applications
- Secure clamping of rough workpiece surfaces due to high friction properties
- The O-shaped seal evens out any irregularities between workpiece and chuck surface

Handling
- Any shape or size of chuck made to measure
- Recommended grid size depends on workpiece contour and dimensions
- Clamping area defined by O-shaped seal
- Finely gridded vacuum chucks for extremely small parts
- Ideal as a base for many solutions together with special vacuum adapter plates

Vacuum fixture with cylindrical geometry for clamping aircraft fuselage segments (#94651)

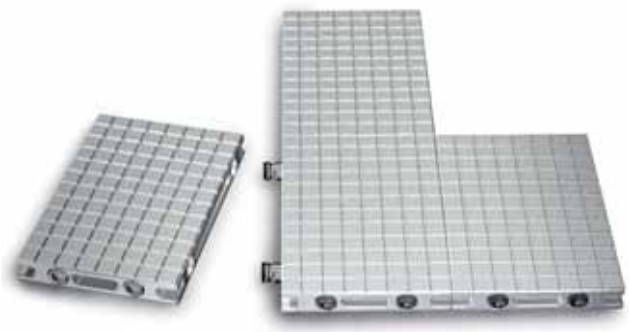


Grid chucks

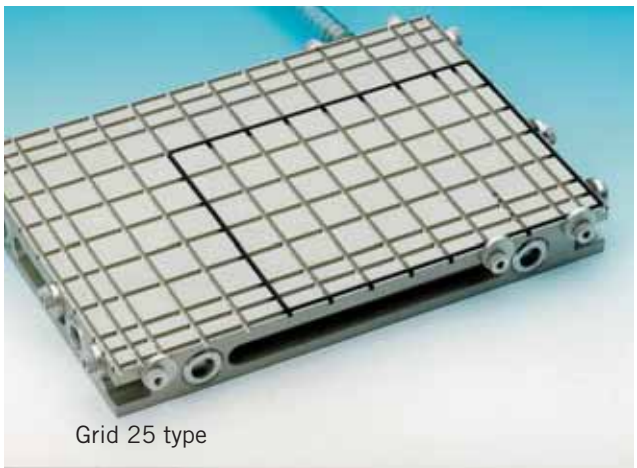
modular type

Nr.	A	B	C	D	
82978	300	200	32,5	25	5,3
84161	400	300	32,5	25	10,2
84162	600	400	32,5	25	20
89676	300	200	32,5	12,5	5,6
90249	400	300	32,5	12,5	10
92289	600	400	32,5	12,5	20

Supply includes:
- Modular chuck
- 10m O-shaped seal, ø 4 mm
- Vacuum adapter plate
- 1m wire spiral hose
- 2 clamps for mounting chuck
- Assembly tool



The modular concept allows connection of several vacuum chucks. The vacuum supply to each chuck maintained by connecting sleeves.



Grid 25 type

O-shaped seal

Nr.	Dia.	Length
00070	ø 4,0mm	1m

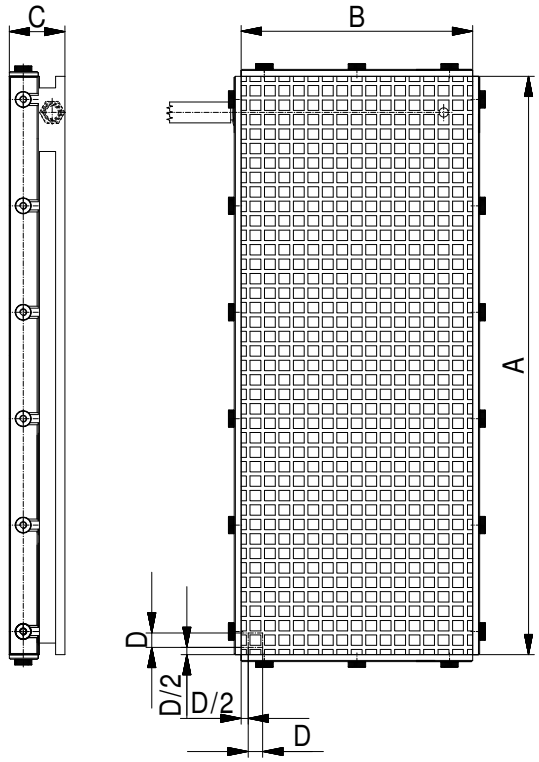
Used for sealing grid chucks or workpiece specific contours. This high quality seal is placed into the slots of a vacuum grid type chuck to define the clamping area.
Minimum order quantity 50m

Witte vacuum chucks are available in other versions and dimensions on request

Grid chucks

standard type, grid 12,5 mm

Nr.	A	B	C	D	
285709	300	200	38	12,5	6,4
80807	400	200	38	12,5	8,5
80808	500	200	48	12,5	19,4
80809	600	200	48	12,5	16,2
80810	400	250	48	12,5	13,5
80811	500	250	48	12,5	16,8
80812	400	300	48	12,5	16,2
80813	500	300	48	12,5	20,2
80814	400	400	48	12,5	21,5
80815	600	300	48	12,5	24,2
80816	600	400	48	12,5	32,3
80817	800	400	48	12,5	43
80818	1000	500	48	12,5	67



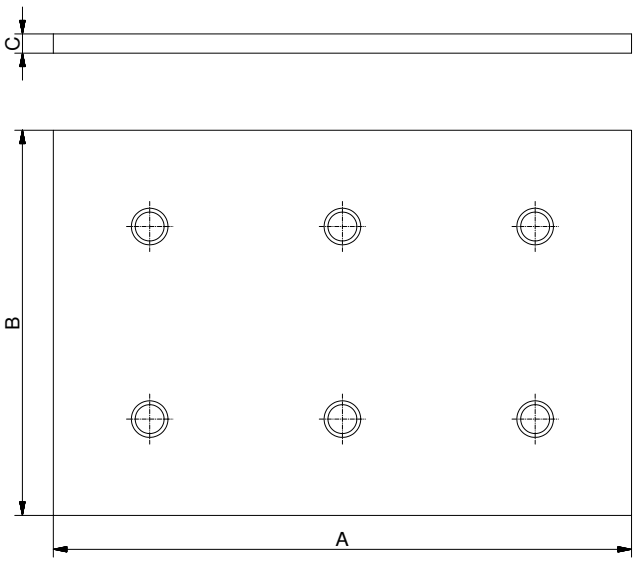
Vac-Mat adapter plate

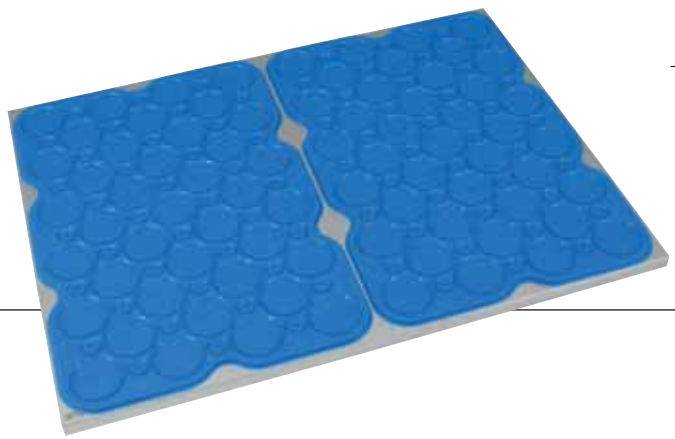
for Grid chucks

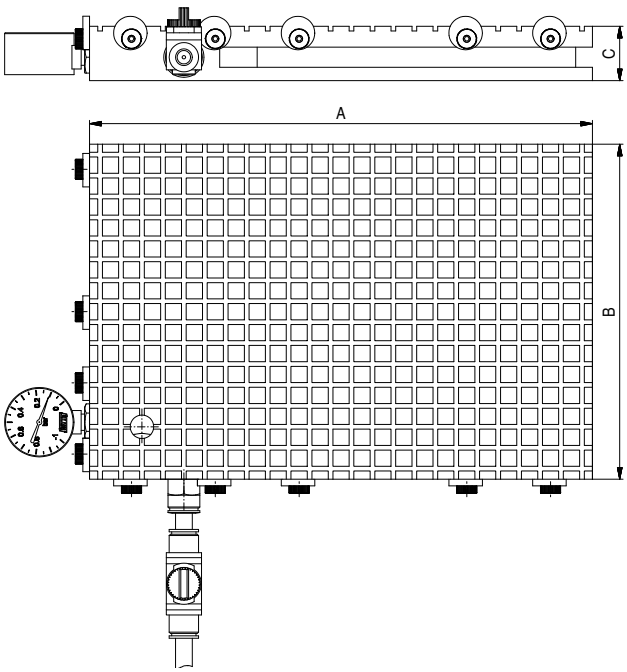
Nr.	A	B	C	Vac-Mats	
81995	300	200	10	10	2,7
84748	400	300	10	11	4,5
81994	600	400	10	12	8,1

Supply includes:

- Aluminium adapter plate
- Vac-Mats







Grid vacuum chuck Starter Sets

Grid vacuum chuck with vacuum supply via Venturi valve

Nr.	A	B	C	kg
282126	300	200	32,5	5,3
282127	400	300	32,5	10,6
282128	600	400	32,5	21,2

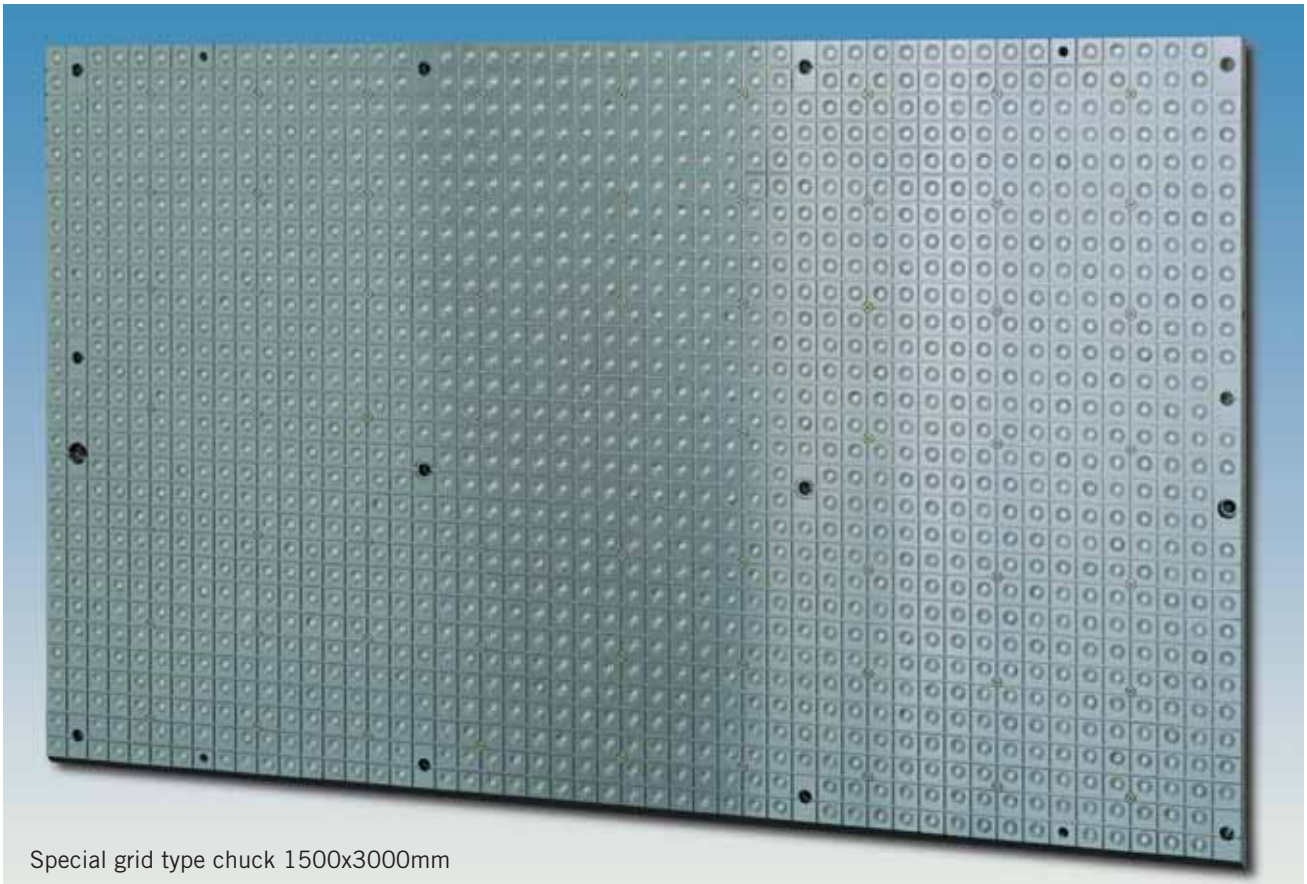
Supply includes:

- Grid vacuum chuck
- Vacuum supply (Venturi valve integrated in chuck)
- O-shaped seal ø4mm
- pressure hose with plug connection
- 2 clamps for mounting chuck
- Tool for changeover from Venturi valve to vacuum pump

These tried and tested standard grid type vacuum chucks as described on page 19 are made of medium tensile aluminium or steel.
The grid size is 12,5 mm. The height adjustable excentre stops enables fast, accurate positioning of parts and restricts sideways movement

Vacuum supply made easy via compressed air (ISO 8573-1:2010) as operating medium.The integrated vacuum pump (Venturi System) requires operating pressure of 3,5-6 bar. End vacuum is 80mbar absolute (92% vacuum). The chuck has an integrated silencer to reduce noise. Chuck can be used with integrated Venturi valve or with a vacuum pump. Tools for changeover are included.

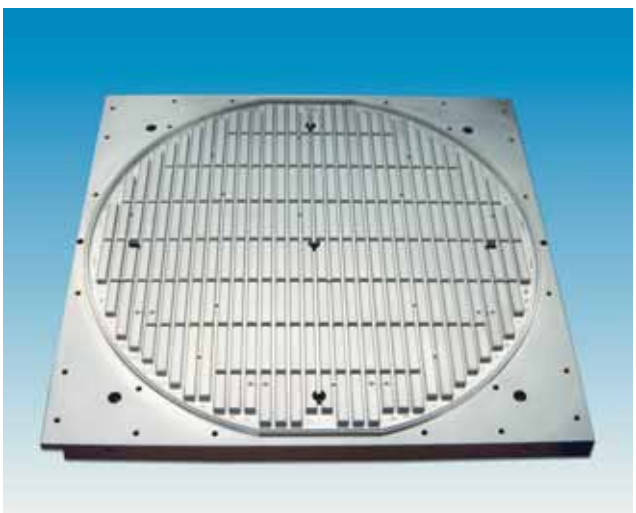
Grid chucks- Special design



Special grid type chuck 1500x3000mm

In addition to standard sizes shown in the catalogue Witte grid type chucks are also custom built to suit your requirements up to dimensions of more than 40m^2.
Dimensions of chuck and clamping area, grid size, slot width, downforce and best type of clamping surface are all details taken into account to supply a chuck which gives optimal results for the application in question.

Chucks can be made according to a customer's workpiece design drawing, let us help you find the best way to clamp your workpiece.



Customized vacuum chuck for the aircraft industry, similar chucks have also been supplied for the spacecraft industry