ALUMINIUM GRID TYPE VACUUM CHUCK – BASIC2

Dimensions (mm)					
Part Number	Length	Width	Height	Nbr succion points	Weight
5001/15/200x120	216	136	20	2	2,5
5001/15/200x200	216	215	20	2	4
5001/15/300x200	316	216	20	3	6
5001/15/400x200	416	216	20	4	7,5
5001/15/400x300	416	316	20	4	12
5001/15/500x300	516	316	20	5	16
5001/15/500x400	516	416	20	5	20
5001/15/600x400	616	416	20	6	24
5001/15/700x500	716	516	20	7	28
5001/15/1000x400	1016	416	20	10	30
5001/15/1000x600	1016	616	20	10	41

Other dimensions on request.

Use :

Aluminium vacuum chuck with high clamping force for working of metals, plastics, wood ...
Milling of breakthroughs is only possible under certain conditions (use of PVC mat).

Features :

- Solid pure cast aluminium.
- Grid : 12.5 x 12.5 mm
- M6 threated bushings on top plate for additional mechanical clamping.
- Retractable stop collars on two sides.
- Flatness and parallélism : +/-0.01/100 mm
- Circumferential clamping base.
- Supplied with vacuum manifold, 1 set rubber cord, 1 PVC adapter mat.

ALUMINIUM GRID TYPE VACUUM CHUCK WITH VENTURI-PRO

	Dimensions (mm)			
Part Number	Length	Width	Height	Grid pitch
5001/11/300X200V	300	200	30	10x10
5001/11/400X300V	400	300	30	10x10
5001/11/500X400V	500	400	30	10x10
5001/11/600X400V	600	400	30	10x10
5001/11/700X500V	700	500	30	10x10
5001/11/800X600V	800	600	30	10x10
5001/11/1000X600V	1000	600	30	10x10

Other dimensions on request.

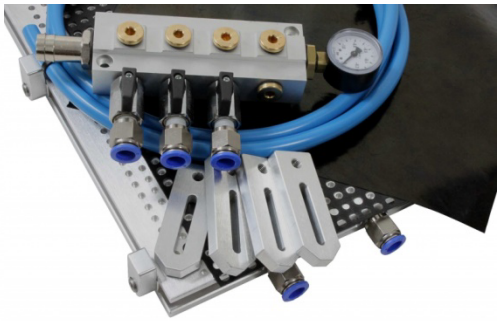
Use :

Top quality aluminium vacuum chuck with high clamping force for working of metals, plastics, wood … Milling of breakthroughs is only possible under certain conditions (use of PVC mat).

Features :

- Solid pure cast aluminium.
- Grid : 10 x 10 mm
- Flatness and paralellism : +/-0.01/100 mm
- Multiple closable vacuum inlets on top plate.
- Retractable stop collars on two sides.
- M8 threated bushings on top plate for additional mechanical clamping.
- Supplied with venturi for operation with dry compressed air (requesting minimum 3.5 bars and 100 L/mn), vacuometer, clamps, rulers, foam rubber cord, PVC adapter mat.
- Venturi can be replaced later on by vacuum pump if desired.

ALUMINIUM HOLE GRID VACUUM CHUCK -PRO



Dimensions (mm)						
Part Number	Length	Width	Height	Nbr succion zones	threaded bushing nxM	Weight kg
5001/06/215X135	216	136	26	1	2xM6	4
5001/06/315X215	316	216	26	2	4xM6	9
5001/06/315X315	316	316	27	3	9xM8	10
5001/06/415X315	416	316	27	3	12xM6	12
5001/06/415x415	416	416	27	4	16xM8	15
5001/06/515X215	516	216	27	2	10xM10	13
5001/06/515X315	516	316	27	3	18xM8	16
5001/06/515X415	516	416	27	4	20xM8	18
5001/06/615X415	616	416	27	4	24xM8	20
5001/06/716x316	716	316	27	3	21xM8	19
5001/06/615X515	616	516	27	5	30xM8	27
5001/06/715X515	716	516	27	5	35xM8	30
5001/06/1015X515	1016	516	27	5	50xM8	50
5001/06/1015X615	1016	616	27	6	60xM8	55

Other dimensions on request.

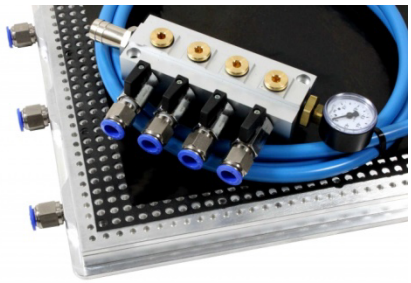
Use :

Milling of workpieces with possible through-milling operations thanks to the perforated rubber mat.

Feature :

- Pure cast aluminium
- Trimming spare : 4 mm
- Drillings : 0.3 mm / pitch 10 x 10 mm
- M6 Thread grid 100 x 100 mm
- Parallélism : +/- 0.01/100 mm
- Retractable stop collars on two sides.
- Surrounding clamping base.
- Supplied with vacuum distributor, 1 perforated rubber mat, 1 PVC cover mat, clamps.
- Option : High precision perforated rubber mat (Thick 1 mm +/- 0.01mm)

ALUMINIUM HOLE GRID VACUUM CHUCK -STD



Dimensions (mm)					
Part Number	Length	Width	Height	Nbr succion zones	Weight
5001/17/200X120	215	135	18	1	4
5001/17/200X160	216	176	18	1	5
5001/17/280X240	315	260	18	2	8
5001/17/280X240	315	260	18	2	8
5001/17/400X200	410	210	18	2	10
5001/17/300X300	316	316	18	3	10
5001/17/400X300	416	316	18	3	14
5001/17/500X300	512	312	18	3	15
5001/17/400X400	421	412	18	4	15
5001/17/600X300	630	312	18	3	17
5001/17/500X400	516	416	18	4	18
5001/17/600X400	616	416	18	4	20
5001/17/500X500	520	520	18	5	20
5001/17/600X500	617	514	18	5	27
5001/17/800X400	816	416	18	4	33
5001/17/750X450	770	470	18	4	33
5001/17/700X500	716	516	18	5	30
5001/17/600X600	617	614	18	6	33
5001/17/750X500	786	536	18	5	33
5001/17/800X500	816	516	18	5	40
5001/17/800X600	820	620	18	6	45
5001/17/1000X600	1016	616	18	6	55

Use :

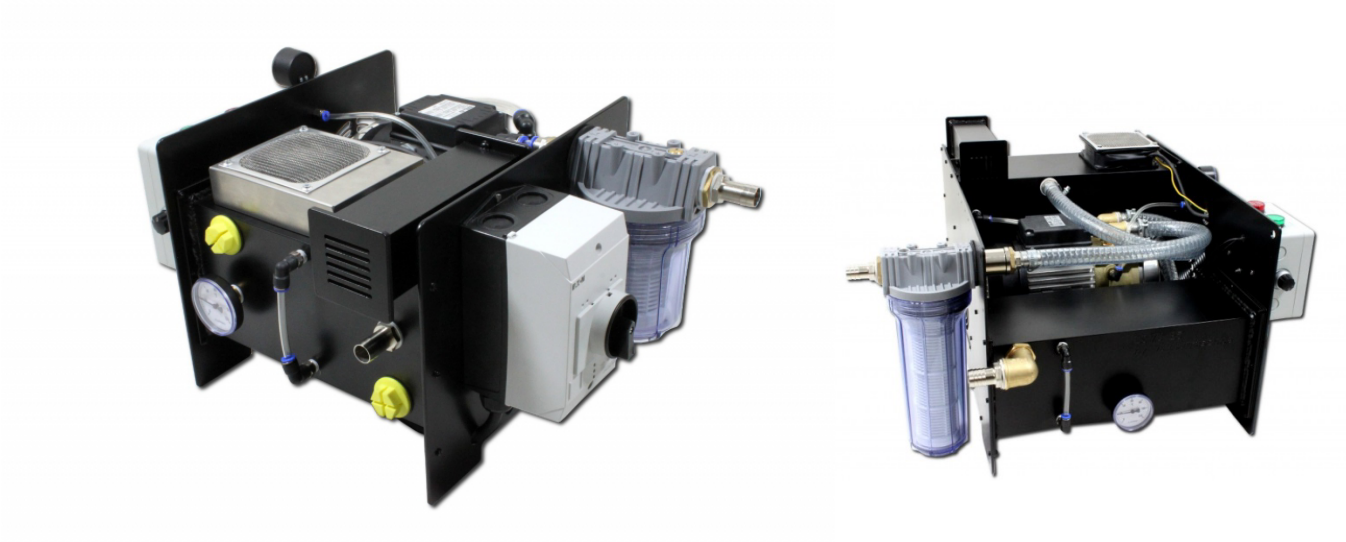
Milling of workpieces with possible through-milling operations thanks to the perforated rubber mat.

Features :

- Material : aluminium
- Top plate milling reserve : 4 mm
- Spacing : 10 x 10 mm
- Switchable vacuum sectors.
- Flatness and parallelism : +/- 0.01/100 mm
- Supplied with 1 pcs vacuum manifold, 1 pcs perforated rubber mat, 1 pcs PVC cover mat, 1 set connection hose.

Option : High precision perforated hole mat (Thickness 1 mm +/- 0.01mm)

LIQUID RING PUMP VACUUM SYSTEM



Use :

Liquid ring pumps are particularly suitable for machining with large amounts of coolant (coolant is used by the pump during vacuum process before being returned back to the machine). These types of pumps have an average of 95% vacuum level.

Features :

Our vacuum systems are supplied with :

- Switch control box.
- Vacuum gauge.
- Coolant filter (except on 95m3/h type)

Dimensions (mm)					
Type	Flow m³/h	Liquid flow volume	Motor power	Voltage Ac / 50 Hz	Weight kg
5013/01/10	9,7	150 L/h	0,55	1 x 230 Vac	20
5013/01/25	24	250 L/h	0,75	1 x 230 Vac	30
5013/01/50	47	550 L/h	1,5	3 x 400 Vac	45
5013/01/100	95	1200 L/h	3	3 x 400 Vac	100

MECAMAG – 180, Rue du Genevois - F-73000 CHAMBERY – Tel 33(0) 479 843 450 – Fax 33(0) 479 843 451
Site : www.mecamag.fr e-mail : mecamag@mecamag.fr

LUBRICATED ROTARY VANE VACUUM SYSTEM

30m³/h plant with storage tank

17m³ /h without storage tank

Use : Oil lubricated rotary vane pumps are ideal vacuum generator for high performance breakdown. This high level of 99.95% vacuum leads to the best holding power.

Features : our vacuum systems are supplied with

- Switch control box.
- Vacuum gauge.
- Inlet air filter.

Dimensions en mm						
Type	Electrical pump motor Power / Voltage	Flow m³/h	Optional storage tank Liters	Dimensions (mm) Length/Width/Height	Weight kg	Sound pressure level dB (A)
GD 17 - 400	0,55 kw / 400 V 50 Hz	17	70	740 x 650 x 950	70	59
GD 30 - 400	0,75 kw / 400 V 50 Hz	30	70	740 x 650 x 950	75	60
GD 47 - 400	1,1 kw / 400 V 50 Hz	47	70	740 x 650 x 950	80	62

Options :

- Storage tank for balancing of possible leakage in the vacuum circuit.
- Liquid separator : to avoid liquid being sucked back into the pump when machining with coolant.
- …

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Site : www.mecamag.fr e-mail : mecamag@mecamag.fr