

Vacu-Vise™

Patent Pending



Eliminate Specialized Fixtures!

- Holds thin, flat, or irregular shaped parts
- Ideal for aluminum, copper, plastic, ceramics, graphite and steel
- Works with flood coolant
- Runs off shop air
- Flexible foam gasket fits all parts



©Oct. 18, 2000

Vacu-Vise™ Table

- Holds ferrous and non-ferrous materials
- Excellent for machining under flood coolant conditions
- Easily configured to hold thin, flat, or irregular shaped parts
- Keyed for quick setup
- Replaceable top matrix plates available



Venturi Vacuum Generator

- Operates off shop air, no moving parts to wear out
- Easy mounting to machine
- 2-liter container for capture of coolant overflow
- Slide valve for quick clamping and release
- Vacuum gauge included

The base and top plate of the Vacu-Vise™ are constructed of high-grade anodized aluminum with stainless steel fastener hardware. Delrin strips are used for part squaring. For part-holding, foam gasket material fits into the grid matrix channels to create a vacuum seal around the part periphery. Side clamps and Mitee Bites™ clamps provide an additional holding option.



Typical Vacu-Vise™ Fixturing Examples

Material Setup	Surface Area under Vacuum (in ²)	Cutter Size	Feed Rate in/min	Depth of Cut inches	Results
16" x 18" x 1/2" PVC	140	3/8"	80	0.14	No Clamping Used
13" x 18" x 1/4" Aluminum	204	3/8"	80	0.20	No Clamping Used
10" x 17" x 1/4" Aluminum	147	3/8"	80	0.20	No Clamping Used
9" x 9" x 1/4" Aluminum	58	3/8"	60	0.15	No Clamping Used
7" x 8" x 1/4" Aluminum	42	3/8"	60	0.15	Clamping Required

Vacu-Vise™

Distributed By:



*All cuts are made at 100% cutter width at 5000 rpm with a holding vacuum of 27" HG (-13psi).

*Requires at least 80 psi of shop air

*Uses 1.2 to 1.8 cfm

Order Number	Description	Price
VV1212	Vacu-Vise™ 12" x 12" Vacuum Table	\$1295
VV2416	Vacu-Vise™ 24" x 16" Vacuum Table	\$1995
VG01	Venturi Vacuum Generator	\$375