

## THROUGH SPINDLE AIR UNIVERSAL CNC SPINDLE GRIPPER

COMPLETE  
KIT



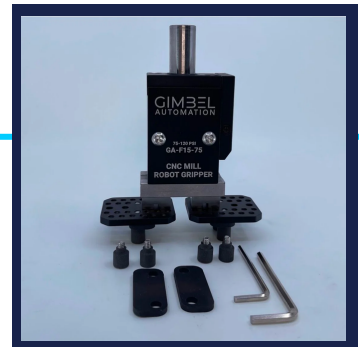
FROM \$1,149

### Why CNC Spindle Grippers?

- **Automated Part-Loading**
- Up to **12x Production**
- Reallocate Labor
- Lets **Machine Load Itself**
- Loads in Tool-Changer
- The **Most Cost-Effective** Entry into **Automation**

### TSA Gripper Features

- Load & Unload Parts
- **Orient Parts** with Spindle
- Complete Kit comes with Gripper Plates & Fingers
- **Installs in Minutes**
- Grip parts up to 10lbs



Order Online Today!



747-257-9465



www.gimbelautomation.com

Our **TSA (Through-Spindle Air) Universal CNC Spindle Gripper** is the go-to choice for any CNC Machine with through-spindle air when you need a CNC Gripper System for quick and easy automation. This CNC Spindle Gripper is designed to be ready-to-run with any CNC machine with through spindle air.



**Universal for All Styles  
of Machine Tool  
Holders.**  
**Precision Press-Fit  
0.750" Stainless Shank**

### Complete Kit Includes:

- 1x Through Air Spindle Gripper
- 2x Finger Mounting Plates
- 4x Small Round Fingers  
4x Long Round Fingers
- 4x Rubber Compression Pads
- 1x Blue Storage Hard-Case
- 1x Optional CAT40 MariTool 3/4" Holder

### Technical Specs

Pressure Range	0-140 psi
Repeatability	+/- 0.001"
Part Size Grip Range	0" – 4.125"
Recommended Part Weight	<10 lbs

**AUTOMATION. MADE EASY.**

*This gripper **works out of the box** with your Through-Spindle Air machine, and only takes up one tool-slot. Works with almost all tool changers.*

## Accessories for TSA (AIR) Universal CNC Spindle Gripper



**SOLENOID KIT**



**AIR VISES**



**PART TRAYS**



**HAAS IO KIT**