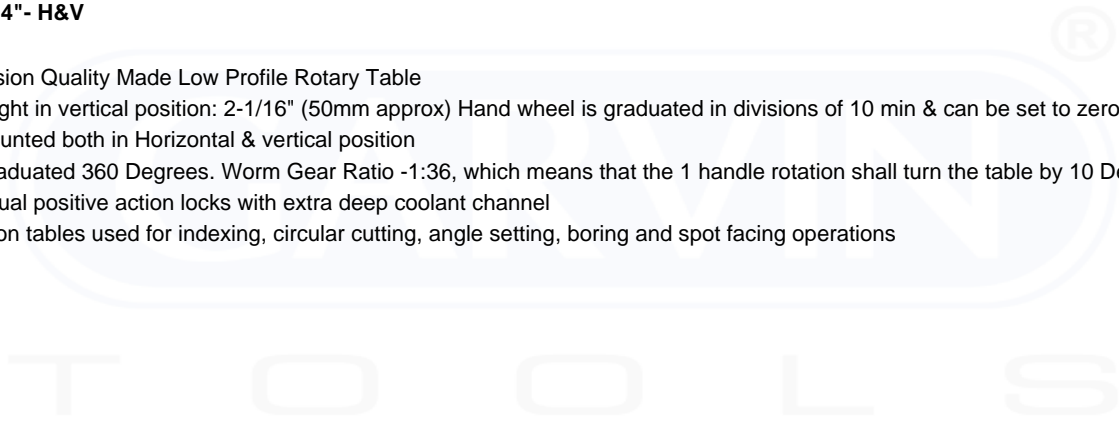


## ROTARY TABLE 4" / 100MM



### ROTARY TABLE 4"- H&V

- High Precision Quality Made Low Profile Rotary Table
- Center Height in vertical position: 2-1/16" (50mm approx) Hand wheel is graduated in divisions of 10 min & can be set to zero.
- Can be mounted both in Horizontal & vertical position
- Table is graduated 360 Degrees. Worm Gear Ratio -1:36, which means that the 1 handle rotation shall turn the table by 10 Degrees
- Features dual positive action locks with extra deep coolant channel
- Dual position tables used for indexing, circular cutting, angle setting, boring and spot facing operations



CAT.NO.	Size	OVERALL HEIGHT	T-SLOT WIDTH	GEAR RATIO
GRT-0004	4" / 100mm	2-1/4" / 57mm	13mm	36:1
<b>ROTARY TABLE WITH CHUCKS</b>				
GRT-0004C	Rotary Table 4" + 3 Jaw 65 mm Self Centering Lathe Chuck + Back Plate			
GRT-0004C4	Rotary Table 4" + 4 Jaw 70 mm Independent Lathe Chuck + Back Plate			
<b>ROTARY TABLE WITH CLAMPING KIT</b>				
GRT-0004CK	Rotary Table 4" With Clamping kit			

## How to Use

A rotary table is a versatile tool often used in machining and fabrication processes to perform tasks like drilling, milling, cutting, and indexing. It allows you to rotate a workpiece or tool around a central axis to perform operations at precise angles. Here's a general guide on how to use a rotary table:

### 1. Safety Precautions:

- Ensure you are wearing appropriate safety gear, including safety glasses and hearing protection, if necessary.
- Familiarize yourself with the machine you are using and its safety features.

### 2. Set Up the Rotary Table:

- Securely mount the rotary table on your milling machine or worktable, ensuring it is level and well-aligned.
- Make sure it's securely clamped in place to prevent movement during operation.

### 3. Mount Your Workpiece or Tool:

- Attach the workpiece or tool to the rotary table. You can use clamps, T-slot hold-downs, or other suitable methods for securing the workpiece.

### 4. Choose the Desired Angle:

- Determine the angle at which you want to perform the operation. Most rotary tables have a graduated scale to help set the desired angle precisely.

### 5. Lock the Rotary Table:

- Lock the rotary table in place to prevent any movement during operation. Many rotary tables have locking mechanisms that secure them in the chosen position.

### 6. Set Up the Cutting Tool:

- If you are performing machining operations, set up the cutting tool (e.g., end mill, drill bit) in the machine's spindle.

### 7. Configure the Machine:

- Adjust the machine's settings, such as spindle speed and feed rate, to match the material and operation you are performing.

### 8. Start the Operation:

- Gradually lower the cutting tool to make contact with the workpiece.
- Depending on the operation, move the tool across the workpiece while the rotary table rotates to create the desired shape or feature.

### 9. Monitor the Operation:

- Keep a close eye on the operation, ensuring that everything is running smoothly and safely.

10. **Complete the Operation:**

- Once the operation is complete, raise the cutting tool and stop the machine.

11. **Unlock and Reset:**

- Carefully unlock the rotary table, ensuring it's stationary before dismounting your workpiece or tool.

12. **Inspection:**

- Examine the finished workpiece for accuracy and quality.

13. **Repeat as Needed:**

- If you need to perform additional operations at different angles, reset the rotary table accordingly and repeat the process.

