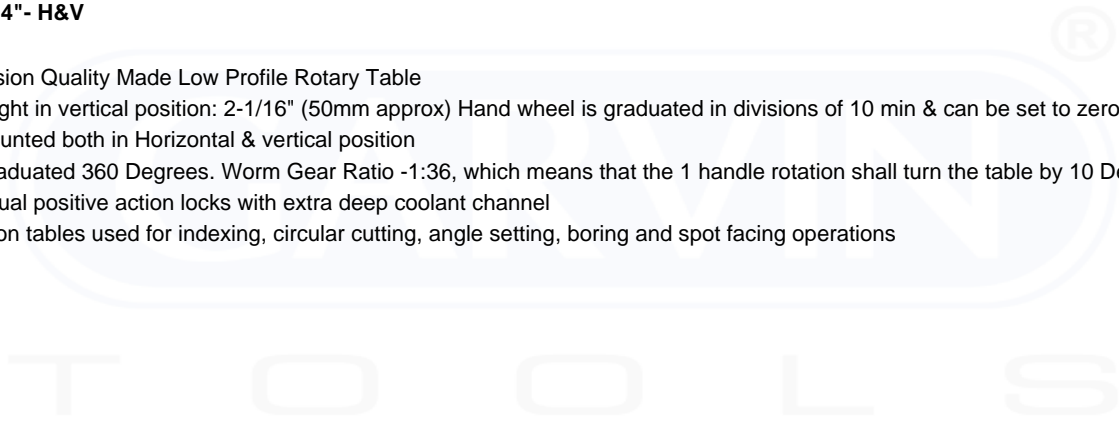


ROTARY TABLE 4" / 100MM



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 |
| ROTARY TABLE WITH CHUCKS | | | | |
| 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 | | | |
| ROTARY TABLE WITH CLAMPING KIT | | | | |
| 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.

