KNURLING TOOL HOLDER SINGLE WHEEL

- These Knurling Tool Holders usually comes with alloy steel knurls.
- These Knurling Tool Holders can also be supplied with high speed steel knurls.
- These Knurling Tool Holders are manufactured from fine quality steel & finely blackodized.
- These Knurling Tool Holders are ideal tool for numerous knurling applications.

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Cat. No.	Model #	Model Description	NO. OF KNURLS FITTED	SHANK SIZE INCHES	SHANK SIZE MM	Knurl Dimensions Dia x Thickness x Hole
GHT-7439	# 1019	Single Knurl	1	1/2x1/2x4"	12.7x12.7x100mm	3/4x1/4x1/4 (19x6.35x6.35mm)
GHT-7440	# 1020	Single Knurl	1	3/4x3/4x5"	19x19x127mm	3/4x3/8x1/4 (19x9.5x6.35mm)

How to Use

A knurling tool holder is a device used in metalworking to create a pattern of straight or diamond-shaped ridges on the surface of a workpiece. This process is called knurling and is often done to provide better grip or aesthetics. To use a knurling tool holder, follow these steps:

1. **Select the Right Knurling Tool**: Make sure you have the appropriate knurling tool for your specific application. Knurling tools come in various sizes and patterns, so choose one that suits your needs.
2. **Secure the Workpiece**: Place your workpiece securely in a lathe or a similar machining device. It should be held firmly to prevent movement during the knurling process.
3. **Mount the Knurling Tool Holder**: Attach the knurling tool holder to the toolpost of your lathe. Ensure it is aligned properly and securely fastened.
4. **Position the Knurling Tool**: Move the knurling tool holder into a position where the knurling wheels are above the workpiece and ready to make contact. You may need to adjust the tool's height and position to ensure proper alignment.
5. **Set the Knurling Wheels**: Adjust the knurling wheels on the tool holder to the desired pattern and spacing. This is typically done by changing the wheels' position or using different knurling wheels.
6. **Set the Lathe Speed and Feed Rate**: Consult the manufacturer's recommendations or guidelines for the appropriate speed and feed rate for the material you are knurling. This will help achieve the desired knurling pattern without damaging the workpiece.
7. **Engage the Lathe**: Start the lathe and slowly ing the knurling tool holder into contact with the workpiece. The knurling wheels should begin to press into the workpiece's surface.
8. **Apply Even Pressure**: Ensure that the knurling tool applies even and consistent pressure across the workpiece. You may need to make adjustments as needed to maintain a uniform knurling pattern.
9. **Complete the Knurling**: Move the knurling tool holder across the workpiece's length, knurling the desired area. Be careful not to apply too much pressure, as this can lead to deformation or damage.
10. **Inspect the Knurling**: Once the knurling process is complete, stop the lathe and inspect the knurled pattern. Ensure it meets your requirements in terms of depth, spacing, and overall appearance.
11. **Remove the Workpiece**: Carefully remove the knurled workpiece from the lathe.
12. **Deburr and Finish**: Use a deburring tool or file to remove any sharp edges or burrs left by the knurling process. You can also apply a finish to the workpiece if desired.

Remember to take safety precautions when working with machinery and metal, such as wearing appropriate protective gear and following safety guidelines. Practice and experience will help you achieve the desired knurling results over time

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