



Dr. Holder-Akauw



Tool Holder

Maintenance Manual

What to do with tool holders after using ?
How to maintain the tool holders if they will not be used in the short term ?

From the interaction with customers, it's found that some customers' tool holders get rusty to different degrees. To see from the appearances, the rustiness varies from light to serious. In some cases, the tool holder is so rusty that it's even hard to recognize the type laser marked on it. So we would like to talk about maintenance skills for tool holders.

To prevent tool holders from getting rusty, Akauw suggests applying antirust oil to the appearance and inner hole of the tool holder and use an antirust bag to store the tool holder after using. It is also recommended to store the tool holders in a dry and dustproof environment.



Tool Holder Maintenance Manual

Step 1 :

Take out the tool holder from machine spindle after using.



Step 2 :

Use a high pressure air gun to remove the metal chips and greasy dirt from the tool holder and pull stud. Do it carefully to avoid remaining in the groove or inner hole of tool holder. If it is a collet chuck, ensure to disassemble the clamping nut and collet for cleaning.



Step 3 :

Use a rag to wipe off dirt and cutting fluid on the tool holder.



Step 4 :

Use antirust oil to do rustproof treatment. Ensure to put on gloves to avoid leaving moisture or greasy dirt on the surface of tool holder caused by hands.



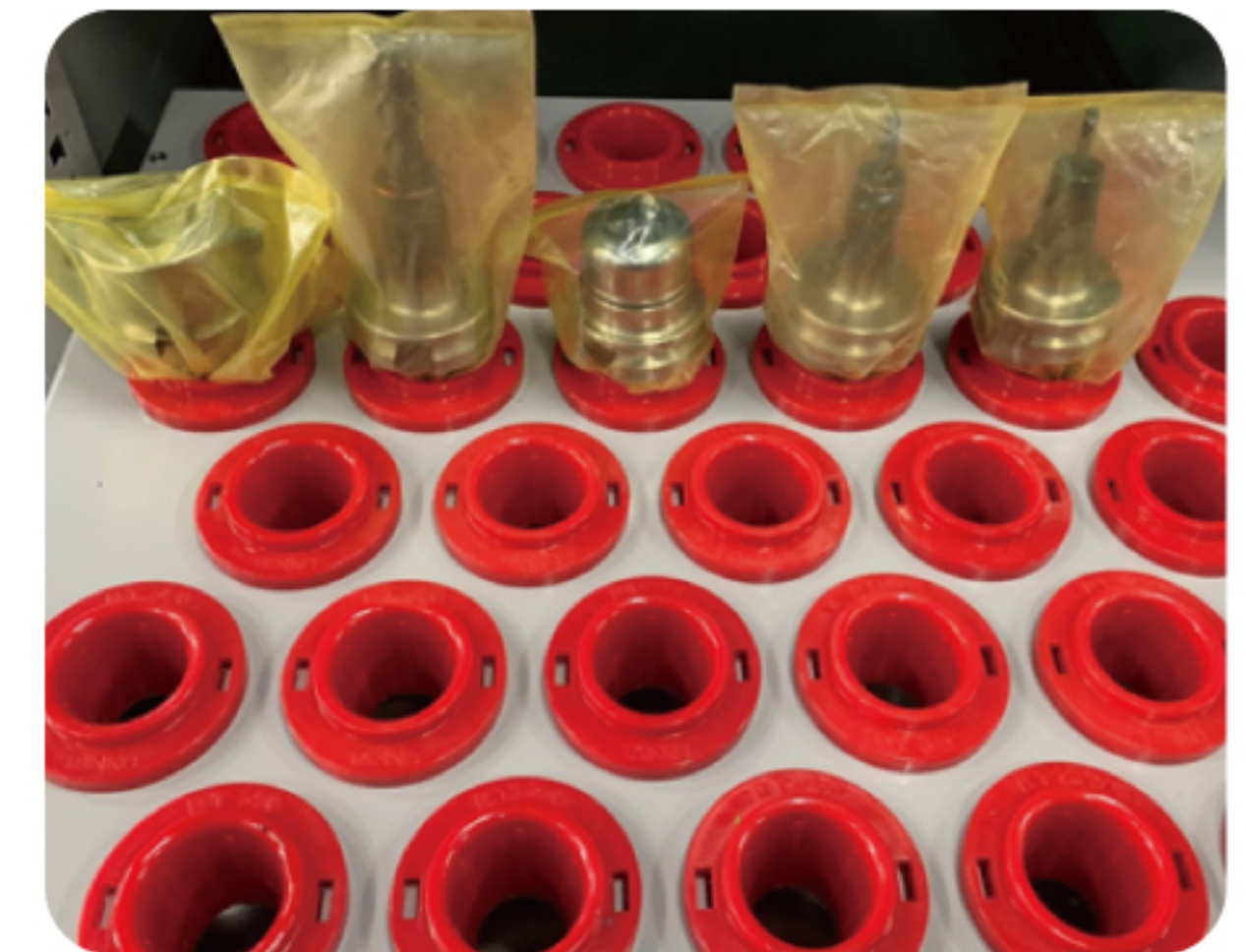
Step 5 :

Use an antirust bag to store the tool holder.



Step 6 :

Place the tool holders on the shelf and keep them in a dry and dustproof environment.



Tips from Dr. Holder-Akauw :



Corrosion is greatly related to our daily operation. A common situation is that we often see obvious hand-shape rust stains on the surface of a tool holder. Users are advised not to take tool holders with bare hands after they are applied with antirust oil.

If maintenance is not done correctly, rust would occur immediately !

To properly select cutting fluid and correctly control the pH value are definitely helpful for the rust prevention. Tool holders are the important connection between machine spindles and cutting tools. For extending the tool holder use life, it is essential to execute maintenance for tool holders after using!