

Contents

1. Safety Precautions	1	7. Notes of Tool Holder	6
2. Equipment Features	2	8. Notes of cleaning	6
3. Specifications and Dimensions	3	9. Cause of Failure and Troubleshooting	6
3-1 Specifications			
3-2 Dimensions of External Appearance			
3-3 Torque Output Characteristics			
4. SENTAN Tool Replacement Methods	4		
5. Removal & Mounting of the Collets chuck	5		
6. Connection Methods of Motor Cord	5		

Thank you for buying the SFIDA 01 series Motor Spindle MZ01. This device is a motor spindle for the machine tool usable to machining grinding, a small-diameter end mill and a small-diameter drill etc. When using this device, a Control Pack is necessary.



Read this Operation Manual and Operation Manual for the Machining Center, etc. to understand all of its functions. Keep this operation manual in a safe place and read it when required.

1 Safety Precautions

This “Safety Precautions” indicates the important instructions for preventing accidents. Please read the instructions before use and use the machine properly.

In “Safety Precautions,” harm or damage arising by improper use are classified into two types: “Warning” and “Caution.”

In this manual, symbols are used to highlight warnings and cautions for you to read so that accidents can be prevented. The meanings of these symbols are as follows:

 Warning	If users ignore this symbol and the matters appearing in this manual, serious injury or death by fire or electric shock could result.
 Caution	If users ignore this symbol and the matters appearing in this manual, bodily injury and damage to the equipment could result.

Warning

- Attach this device to the machine tool and dedicated-machine and use it. Do not use as a hand tool.
- Do not rotate principal axis of Machining Center when attaching this device to the principal axis.
- Do not touch any rotor of SENTAN tool or collets because it is dangerous during operation.
- Wear safety protective glasses to protect eyes and an anti-dust mask to prevent inhalation of debris.
- Do not attempt to modify or disassemble the machine since this causes serious loss in performance and safety; otherwise, fire and electric shock could result.