

Precautions and requests for use of high-hardness and high-durability Standard tools

Thank you very much for purchasing our Standard bending tools. Please pay attention to the following precautions and prohibitions when using this product and use it correctly and safely. When using this tool, please read carefully the instruction manual for the press brake machine and follow the instructions. Please observe the following precautions. Improper use may damage the tools and lead to an accident.



- 1) Please be sure to inspect the product before use. Do not use if cracks or dent are found in the tool.
- 2) Check and clean not only the tools but also the clamp and holder. If some dust or foreign materials such as scrap chips is exist in the tools, it may cause damage to the tools.
- 3) When make punch and die centering alignment, please sure to pressurize to the tools.
- 4) Please use with lower load below tool pressure allowance. Sometimes punch and die pressure allowance is differs, and pressure allowance is marked on each tools. Please be sure to check the pressure allowance of each tools and use it with a load that is less than the pressure allowance.
- 5) Each tool pressure allowance marked on it withstand voltage marked is pressure per meter of the tool length. According to the calculation example below, calculate and confirm whether the pressure load for the actual length is less than tool pressure allowance.

Example of calculation

Marking tool pressure allowance = 1000KN/m (100ton/m)

Bending length (= pressure length) = 0.3m

$1000\text{KN/m (100ton/m)} \times 0.3\text{m} = 300\text{KN(30ton)}$

=This load is maximum allowance load to the tools