

JIS

JAPANESE INDUSTRIAL STANDARD

General Code of Safety
for Woodworking Machinery

JIS B 6507 —1981

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General Code of Safety
for Woodworking Machinery

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1. Scope

This Japanese Industrial Standard specifies the general matters relating to the safety measures for woodworking machinery, their accessories, and auxiliary machinery.

2. Definitions

For the purpose of this standard, the principal terms are as defined below:

- (1) main spindle A shaft that holds and rotates a cutting tool or workpiece.
- (2) main spindle lock A device used to temporarily locking the main spindle against rotation.
- (3) tool retainer A device that prevents the cutting tool from falling off the main spindle or holder (e.g. cutter head, holder, etc.) while its setting adjustment is under way.
- (4) workpiece holder A device that keeps the workpiece in position under transfer and working.
- (5) carriage A component part or accessory of the machine that transfers the workpiece to the working position.
- (6) presser A device that ensures the transfer of the workpiece on the carriage by pressing the workpiece.
- (7) safety device A device that controls the occurrence of a phenomenon that may cause a disaster, or an equipment that protects human bodies from such a phenomenon.
- (8) locking device A device that fixes things in a certain combined condition.
- (9) push-back The phenomenon that the workpiece is violently pushed back nearly reversely to the direction of feed or knocked off by the revolving cutting tool, etc.
- (10) spring-back The phenomenon that fragments of wood, etc. are sprung back toward the inlet of the workpiece by the revolving cutting tool, etc.
- (11) repulsion The generic term of push-back and spring-back.