



WOODWORKING AUXILIARY TOOL SAW GUIDE BEST

INSTRUCTION SHEET

Thank you for your purchase of SAW GUIDE BEST. Please read this instruction carefully and keep it in good condition.

SAW GUIDE BEST KIT

DUMMY BLADE (thickness 0.6mm/steel)

... For adjusting the position of SAW GUIDE BEST against a scribe line.

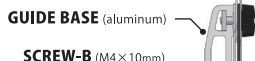


PARALLEL SLIDING HOLDER (aluminum)
... For cutting wide boards.

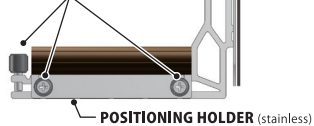


45° ANGLE ATTACHMENT (aluminum)
... For cutting lumber at 45°.

SCREW-D (M4×23mm)



GUIDE BASE (aluminum)
SCREW-B (M4×10mm)



POSITIONING HOLDER (stainless)
SCREW-C (M4×10mm)



SAW GUIDE BEST

GUIDE PLATES

NUT PLATE (iron)

SPACER-265 (thickness 0.63mm/steel)
... For use UNIVERSAL S-265.

SPACER-175 (thickness 0.53mm/steel)
... For use UNIVERSAL S-175.

SCREW-A (M4×11mm)

OUTER GUIDE PLATE (steel)
INNER GUIDE PLATE (steel)

GUIDE GRIP (aluminum)

SCREW-A (M4×11mm)

SCREW-B (M4×10mm)

SCREW-C (M4×10mm)

SCREW-D (M4×23mm)

SCREW-E (M4×10mm)

SCREW-F (M4×10mm)

SCREW-G (M4×10mm)

SCREW-H (M4×10mm)

SCREW-I (M4×10mm)

SCREW-J (M4×10mm)

SCREW-K (M4×10mm)

SCREW-L (M4×10mm)

SCREW-M (M4×10mm)

SCREW-N (M4×10mm)

SCREW-O (M4×10mm)

SCREW-P (M4×10mm)

SCREW-Q (M4×10mm)

SCREW-R (M4×10mm)

SCREW-S (M4×10mm)

SCREW-T (M4×10mm)

SCREW-U (M4×10mm)

SCREW-V (M4×10mm)

SCREW-W (M4×10mm)

SCREW-X (M4×10mm)

SCREW-Y (M4×10mm)

SCREW-Z (M4×10mm)

SCREW-AA (M4×10mm)

SCREW-AB (M4×10mm)

SCREW-AC (M4×10mm)

SCREW-AD (M4×10mm)

SCREW-AE (M4×10mm)

SCREW-AF (M4×10mm)

SCREW-AG (M4×10mm)

SCREW-AH (M4×10mm)

SCREW-AI (M4×10mm)

SCREW-AJ (M4×10mm)

SCREW-AK (M4×10mm)

SCREW-AL (M4×10mm)

SCREW-AM (M4×10mm)

SCREW-AN (M4×10mm)

SCREW-AO (M4×10mm)

SCREW-AP (M4×10mm)

SCREW-AQ (M4×10mm)

SCREW-AR (M4×10mm)

SCREW-AS (M4×10mm)

SCREW-AT (M4×10mm)

SCREW-AU (M4×10mm)

SCREW-AV (M4×10mm)

SCREW-AW (M4×10mm)

SCREW-AX (M4×10mm)

SCREW-AY (M4×10mm)

SCREW-AZ (M4×10mm)

SAW



HANDLE
SCREW

UNIVERSAL S-265 (BLADE/No. 30003)



APPLICATION
Ideal for aggressive rip, cross and slant cutting.

SPEC
Blade Length 265 mm
Thickness 0.60 mm
Kerf 0.92 mm
Pitch 1.75 mm (15TPI)

UNIVERSAL S-175 (BLADE/No. 30058)



APPLICATION
Ideal for fine rip, cross and slant cutting.

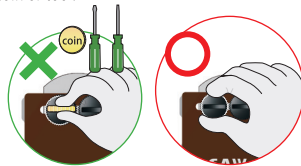
SPEC
Blade Length 180 mm
Thickness 0.50 mm
Kerf 0.66 mm
Pitch 1.40 mm (18TPI)

- The blades are replaceable.
- The handle is compatible with the packed two blades.
- * The blade must be firmly attached to the handle for safe and efficient use.
- Please purchase the new blades when the sharpness gets dull.
- Always use your SAW GUIDE BEST with UNIVERSAL S-265 and UNIVERSAL S-175.

CAUTION Note the following points to ensure long-term use.

- Regarding how to handle SAW GUIDE BEST
 - Do not drop SAW GUIDE BEST and the saws, or they may be damaged.
 - Never clamp too tightly, or SAW GUIDE BEST may be damaged.
 - Be careful of electric shock.
- Regarding each screw used for SAW GUIDE BEST
 - Do not tighten the screws overly, or the screws and drives may be damaged. (*)
 - Do not drop the screws, or they may be damaged.
- Regarding the saws for SAW GUIDE BEST
 - When you use saws except for UNIVERSAL S-265 and UNIVERSAL S-175, the accuracy cannot be occasionally shown.
 - UNIVERSAL S-265 and UNIVERSAL S-175 are not suitable for cutting bamboos and pruning branches.
 - The warp, unevenness, knots and grain of lumber do not enable you to cut straight.
 - Keep away from children.
 - Do not use SAW GUIDE BEST for any purpose for which it was not intended.

- * Always tighten the Screw-A, B and D by hand.
- Do not use a coin or tool.



NOTICE

- Specifications may change without notice to improve quality.
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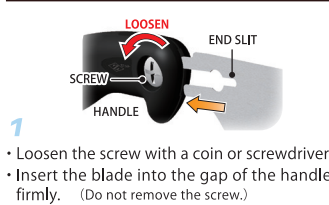
BLADE REPLACEMENT

Check ▶



- ▶ Wear hand protection or wrap the blade in a cloth to prevent injury.
- ▶ Check the looseness of the screw and rattling of the replacement blades before use.

Blade attachment



1. Loosen the screw with a coin or screwdriver.
Insert the blade into the gap of the handle firmly. (Do not remove the screw.)



2. Make sure the End slit is covered.
Tighten the screw with a coin or screwdriver and fix the blade.

Blade detachment



- Loosen the screw with a coin or screwdriver to pull out the blade. (Do not remove the screw.)

* The way to attach and detach the replacement blades of UNIVERSAL S-175 and UNIVERSAL S-265 is the same.

SAW GUIDE BEST KIT & TIPS

Check ▶



Saw & Spacer *1



▶ For aggressive cut of 2 by dimensional lumber. (e.g. laminated wood, plywood, plywood panel, veneer, etc.)

Spacer-265
The Spacer-265 is already inserted at factory.

thickness: 10-50mm
width: 40-185mm



▶ For fine cut of thin boards and 1 by dimensional lumber. (e.g. laminated wood, plywood, plywood panel, veneer, etc.)

thickness: 2-30mm
width: 40-100mm

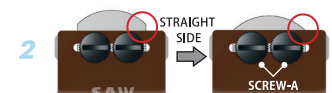


- Spacer-175**
 - In case of fine cut, the Spacer-175 can be replaced easily.
 - * The Spacer-175 is on the front.
 - You can remove it, but please be careful not to lose it.

How to replace Spacers *2

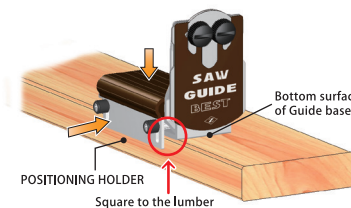


1. Loosen the Screw-A to replace the spacers.
- Always insert the Spacer between the Inner and Outer Guide plates.



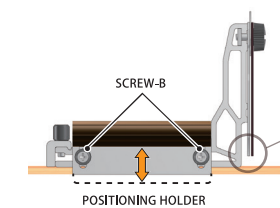
2. Insert the spacers until the straight side is completely covered.
- Tighten the Screw-A. * Do not use a coin or tool. Always tighten the Screw-A by hand.

Guide angle & holding *3



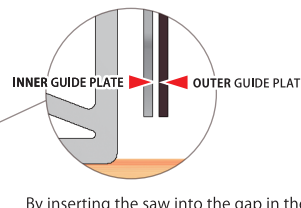
- The Positioning holder and the bottom surface of the Guide base are the criterion.
- It is important to align them on the lumber properly.

Positioning holder adjustment *4



- When cutting thin boards, adjust the Positioning holder not to protrude from them. (Do not remove the Screw-B.)

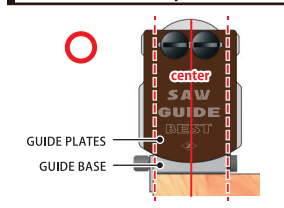
Function of Guide plates *5



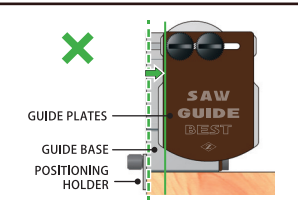
- By inserting the saw into the gap in the Inner and Outer Guide plates, handsaw vibration can be controlled.

- * If extra friction occurs when inserting the blade, the Spacer may not be correctly inserted between the Inner and Outer Guide plates.

Position of Guide plates *6

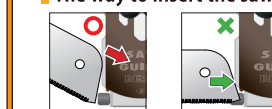


The Guide plates should be attached to the center of the Guide base.



If the Guide plates are in the direction of the arrow from the Positioning holder, that may cause handsaw vibration.

The way to insert the saw



Tilt the saw, and you can smoothly insert it into the gap in the Guide plates from the top of the tip.

- * You can minimize scratches to the lumber and damage to the blade tip.

HAND SAWING TIPS

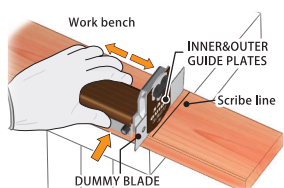
Hold the handle lightly, press down on the saw lightly and cut in full strokes not to cut with your force.

90 DEGREE CUT

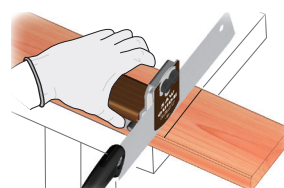
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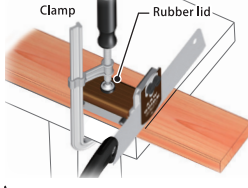
- ▶ Regarding the settings for each part, please refer to SAW GUIDE BEST KIT & TIPS *1 to *6.



1. Draw a scribe line on the lumber.
- Insert the Dummy blade into the gap in the Inner and Outer Guide plates to adjust the position along the scribe line.



2. Hold SAW GUIDE BEST and the lumber together firmly not to move.
- Replace the Dummy blade and the saw, start cutting slowly.



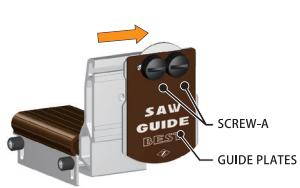
- POINT**
Clamping SAW GUIDE BEST and the lumber can make cutting much stabler and smoother.
- * Use a clamp with a rubber lid.
- * Do not clamp too tightly, or SAW GUIDE BEST may be damaged.

45 DEGREE CUT

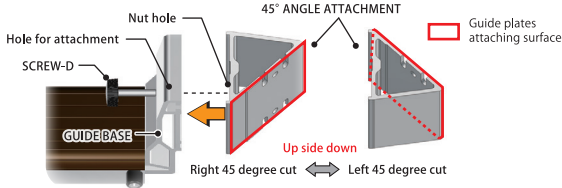
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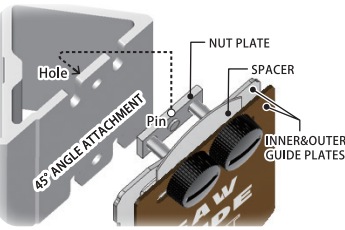
- ▶ Please refer to SAW GUIDE BEST KIT & TIPS *3 to *5 and 90 DEGREE CUT.



1. Loosen the Screw-A to remove the Guide plates. (Do not remove the Screw-A.)



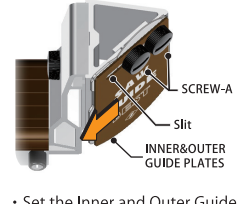
2. Attach the 45° Angle attachment to the Guide base with the Screw-D.
 - * To reverse the cutting angle, the 45° Angle attachment can be reset by turning it up side down.
 - * Always tighten the Screw-D by hand. Do not use a coin or tool.



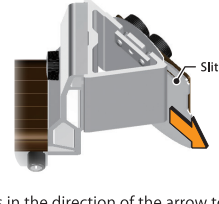
3. Fit the protruding pin on the Nut plate in the hole (inside) of the 45° Angle attachment.
- Replace the Spacer according to the saws you use.

- ▶ Please refer to SAW GUIDE BEST KIT & TIPS *1 and *2.

Right 45 degree cut



Left 45 degree cut



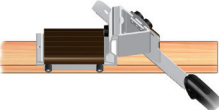
4. Set the Inner and Outer Guide plates in the direction of the arrow to the slit on the Guide plates.
- Tighten the Screw-A.

- * Always tighten the Screw-A by hand. Do not use a coin or tool.

Right 45 degree cut



Left 45 degree cut



The way to cut the lumber is the same 90 DEGREE CUT.

CUTTING WIDE BOARDS

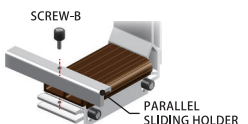
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- ▶ Replace the spacers according to the saws you use. Please refer to SAW GUIDE BEST KIT & TIPS *1, *2, *4, *5.

Necessary tools

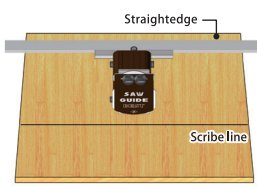
- rulers to draw scribe lines
- 2 clamps
- straightedge (something straight like lumber, flat bars, aluminum square pipes, etc.)



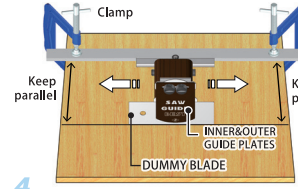
1. Attach the Parallel sliding holder to the Guide base with the Screw-B.



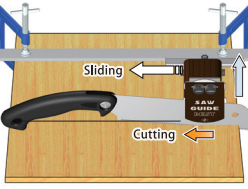
2. Put the Positioning holder back into the Guide grip.



3. Draw a scribe line on the board and align SAW GUIDE BEST against the straightedge.

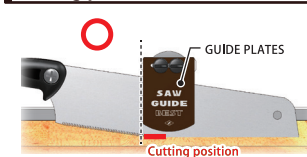


4. Clamp the straightedge temporarily.
- Insert the Dummy blade into the gap in the Inner and Outer Guide plates.
- Adjust and keep the position of the scribe line and the straightedge parallel with sliding SAW GUIDE BEST.
- Clamp the straightedge firmly.

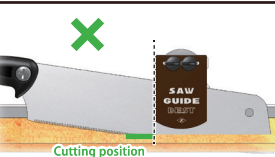


5. Replace the Dummy blade with the saw.
- Ensure that the Parallel sliding holder remains firmly against the straightedge.
- Start cutting by sliding SAW GUIDE BEST backward.

Cutting position



By cutting at an inner position that does not protrude from the Guide plates, handsaw vibration can be controlled.



If the cutting position is out of the Guide plates, that may cause handsaw vibration.

POINT

Repeat this process until you get used to cutting.

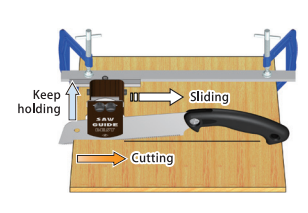
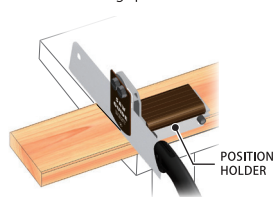
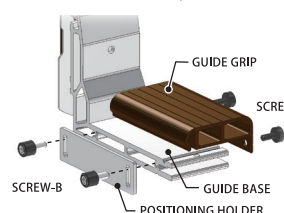
Cutting a little
Sliding
Cutting a little

For left-handed users

Check ▶



For left-handed users, the Positioning holder and the Guide grip can be attached to the other side of the Guide base.



Z Hanbai Co., Ltd.

Postal code: 673-0404 561 Omura, Miki-city, Hyogo, Japan
TEL: +81-794-83-2001 E-mail: sales1@z-saw.co.jp



ZETSAW

<https://z-saw.co.jp/en/>



@zetsaw_japan



@Z2010p8