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**Bosch T18CHCL**

# BOSCH T-Shank Jig Saw Blade Set T18CHCL Instruction Manual

Brand: Bosch | Model: T18CHCL

## PRODUCT OVERVIEW

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The BOSCH T-Shank Jig Saw Blade Set T18CHCL is an 18-piece assortment designed for cutting various materials, including wood, metal, and multi-purpose applications. This set provides a versatile range of blades optimized for specific tasks, ensuring efficient and precise cuts. The blades are housed in a durable Brute Tough Case for convenient and secure storage.



Image: The BOSCH T-Shank Jig Saw Blade Set T18CHCL in its robust packaging, highlighting the 18-piece assortment and multi-purpose capabilities.

## KEY FEATURES

- **18-piece T-shank jigsaw blade set:** Offers an ideal assortment for wood, metal, and all-purpose cutting.
- **Optimal tooth design:** Designed with optimal tooth spacing, tooth shape, and cutting angle to cut materials quickly, smoothly, and precisely.

- **Superior bi-metal longevity:** Provides longer lifetime than high-speed steel blades.
- **Unique tooth geometry:** Ensures unrivaled cutting speed in metal.
- **Scalpel teeth:** Provide tear-free cuts on both sides of the workpiece.
- **Brute Tough Case:** Heavy-duty plastic case included for convenient and secure blade storage.

## PACKAGE CONTENTS

The T18CHCL set includes a comprehensive selection of T-shank jigsaw blades for various cutting needs, all stored within a durable Brute Tough Case.



Image: A detailed view of the various T-shank jigsaw blades included in the set, neatly arranged alongside their storage case.

### Included Blades:

Blade Type	Quantity	Description
T119BO Basic for Wood	2	For basic wood cutting.
T144D Speed for Wood	3	For fast wood cutting.
T101B Clean for Wood	2	For clean wood cutting.
T101BR Clean for Wood	1	For clean wood cutting (reverse tooth).
T118A Basic for Metal	3	For basic metal cutting.
T118B Basic for Metal	3	For basic metal cutting.
T234X Progressor for Wood	2	Progressive tooth design for wood.
T345XF Progressor for All Purpose/Multi-Material	1	Progressive tooth design for multi-material.
T123X Progressor for Metal	1	Progressive tooth design for metal.

## COMPATIBILITY

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The T-shank design of these blades ensures broad compatibility with most major jigsaw brands. This universal fit allows users to easily integrate these high-quality blades into their existing toolsets.

### Compatible Jigsaw Brands (T-shank acceptance required):

- Bosch
- AEG
- Dewalt
- ELU
- Hitachi
- Makita
- Metabo
- Milwaukee
- And many other brands that accept T-shank blades.

## USAGE INSTRUCTIONS

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Proper selection and installation of jigsaw blades are crucial for safety and optimal cutting performance. Always refer to your jigsaw's instruction manual for specific blade installation procedures.

### 1. Blade Selection:

- **Wood Blades:** Use high-carbon steel (HCS) blades for softer materials like wood, laminated chipboard, and plastics. Select blades with appropriate TPI (teeth per inch) for desired cut quality (e.g., lower TPI for faster, rougher cuts; higher TPI for cleaner, slower cuts).

- **Metal Blades:** Use high-speed steel (HSS) blades for metal, aluminum, and non-ferrous metal applications. Choose blades with finer teeth (higher TPI) for thinner metals and coarser teeth for thicker materials.
- **Multi-Purpose Blades:** Bi-metal blades (like the Progressor for All Purpose) offer flexibility and toughness for a variety of materials, providing fast cuts and extended life.

## 2. Blade Installation (T-Shank):

1. Ensure your jigsaw is unplugged or its battery is removed before handling blades.
2. Locate the blade clamp mechanism on your jigsaw. Most T-shank jigsaws feature a tool-free blade change system.
3. Insert the T-shank end of the chosen blade into the blade clamp until it clicks securely into place. Ensure the blade is fully seated and aligned.
4. Gently pull on the blade to confirm it is locked and will not come loose during operation.

## 3. Safe Operation:

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves.
- Secure your workpiece firmly with clamps to prevent movement during cutting.
- Allow the jigsaw to reach full speed before engaging the blade with the material.
- Apply steady, consistent pressure. Do not force the blade through the material, as this can lead to blade breakage or poor cut quality.
- Maintain a clear work area and be aware of the blade's path.



Image: A user demonstrating the application of a jigsaw blade for cutting, emphasizing the importance of securing the workpiece.

## MAINTENANCE

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Proper maintenance extends the life of your jigsaw blades and ensures consistent performance.

- **Cleaning:** After each use, clean any sawdust, metal shavings, or debris from the blades. A stiff brush or compressed air can be effective.
- **Storage:** Always store blades in the provided Brute Tough Case. This protects the blades from damage, prevents dulling, and keeps them organized. The case is designed to withstand job site conditions.
- **Inspection:** Regularly inspect blades for signs of wear, damage, or dullness. Replace dull or damaged blades immediately to prevent poor cuts and potential safety hazards.

## TROUBLESHOOTING

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If you encounter issues during cutting, consider the following common troubleshooting steps:

- **Poor Cut Quality / Slow Cutting:**
  - Check if the blade is dull. Replace with a new, sharp blade.
  - Ensure you are using the correct blade type and TPI for the material being cut.
  - Verify the blade is securely installed in the jigsaw's clamp.
- **Blade Breakage:**
  - Avoid forcing the blade; let the blade's teeth do the work.
  - Ensure the workpiece is stable and not vibrating.
  - Check for overheating; allow the blade to cool if necessary.
- **Excessive Vibration:**
  - Confirm the blade is properly seated and tightened.
  - Ensure the jigsaw's base plate is flush with the workpiece.

## SPECIFICATIONS

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Attribute	Value
Model Number	T18CHCL
Number of Pieces	18
Material Compatibility	Wood, Plastic, Metal
Blade Length Range	3-1/4" - 5-1/4"
TPI Range	5-24 TPI
Shank Type	T-Shank
Case Type	Brute Tough Case
Item Weight	0.44 Pounds (approx. 7 ounces)
Product Dimensions	0.8"L x 7.7"W
Country of Origin	Canada

## WARRANTY AND SUPPORT

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Bosch stands behind the quality of its products. For support or warranty claims, please refer to the information below:

- **Warranty:** This product is covered by a 1-year warranty.
- **Service Protection Plan:** A 1-year service protection plan is included.
- **Money Back Guarantee:** Enjoy a 30-day money back guarantee.
- **Official Support:** For further assistance, product registration, or to find authorized service centers, please visit the official Bosch website or contact their customer support.