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› BLACK+DECKER A7188 50-Piece Drill and Screwdriver Bit Set Instruction Manual

## BLACK+DECKER A7188

# BLACK+DECKER A7188 50-Piece Drill and Screwdriver Bit Set Instruction Manual

Model: A7188

## INTRODUCTION

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This instruction manual provides essential information for the safe and effective use of your BLACK+DECKER A7188 50-Piece Drill and Screwdriver Bit Set. Please read this manual thoroughly before using the product and retain it for future reference. This set is designed for various drilling and screwdriving tasks in metal, wood, and masonry.

## PRODUCT COMPONENTS

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The BLACK+DECKER A7188 set includes 50 pieces, neatly organized in a durable storage case. The components are designed for versatility across various applications.



Image: The complete 50-piece drill and screwdriver bit set, displayed open in its black and orange storage case.

### Set Contents:

- **20 Screwdriver Bits (25mm):** Various types including Phillips (PH), Pozi (PZ), Torx (T), Hex (H), and Slotted (SL) for common screw types.
- **9 HSS Drill Bits (Titanium Coated):** For drilling into metal and general-purpose applications.
- **6 Masonry Drill Bits:** Designed for drilling into brick, concrete, and other masonry materials.
- **5 Wood Drill Bits:** Optimized for clean and efficient drilling in wood.
- **6 Sockets:** For driving nuts and bolts.
- **1 Magnetic Holder (60mm):** For quick and secure bit changes.
- **1 Countersink Bit:** For creating conical holes for screw heads.
- **1 Socket Adapter:** To use sockets with a drill/driver.
- **1 Metal Centre Punch:** For marking drilling points on metal.



Image: A labeled diagram of the open bit set, highlighting the locations of metal drill bits, concrete drill bits, 20 screw bits, sockets, wooden drill bits, and the adaptor.

# 20 SCREW BITS

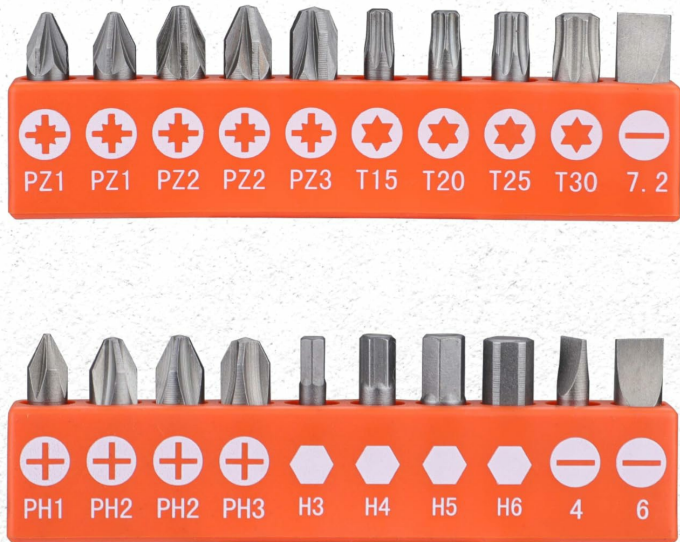


Image: A detailed view of the 20 screwdriver bits, organized in two orange plastic strips, showing various head types like PZ, T, PH, H, and SL.



3. **Secure Workpiece:** Always secure the material you are working on to prevent movement during operation.

## OPERATING INSTRUCTIONS

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Follow these general guidelines for optimal performance and safety when using your bit set.

### Drilling:

- **Metal Drilling:** Use HSS (High Speed Steel) drill bits. Start with a center punch to prevent the bit from wandering. Use a slow to medium speed and apply steady pressure. Use cutting oil for harder metals to reduce heat and extend bit life.
- **Wood Drilling:** Use wood drill bits. Start at a medium to high speed. Apply moderate pressure. For clean holes, especially on exit, place a scrap piece of wood underneath the workpiece.
- **Masonry Drilling:** Use masonry drill bits, preferably with a hammer drill function if available. Use a slow speed initially, then increase as needed. Apply firm, consistent pressure. Clear dust from the hole periodically.

### Screwdriving:

- **Match Bit to Screw Head:** Always use a screwdriver bit that perfectly fits the screw head to prevent stripping the screw or damaging the bit.
- **Apply Steady Pressure:** Maintain firm, consistent pressure on the screw to keep the bit engaged and prevent cam-out.
- **Control Speed:** Use a low to medium speed setting on your drill/driver for better control, especially when starting or finishing.
- **Countersinking:** Use the countersink bit to create a conical recess for screw heads to sit flush with or below the surface of the material.

## MAINTENANCE AND STORAGE

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Proper maintenance extends the life of your bit set and ensures optimal performance.

- **Cleaning:** After each use, wipe bits clean of dust, debris, and any residue. A dry cloth is usually sufficient.
- **Lubrication:** For metal drill bits, a light coat of oil can prevent rust, especially if stored in humid conditions.
- **Inspection:** Regularly inspect bits for wear, damage, or dullness. Replace worn or damaged bits to maintain performance and safety.
- **Storage:** Always store the bits in their original case. This protects them from damage, keeps them organized, and prevents loss. Store the case in a dry environment to prevent rust.



Image: The open bit set case, positioned on a wooden floor, illustrating its compact and organized storage solution.

## TROUBLESHOOTING

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If you encounter issues while using your bit set, consider the following common solutions:

- **Bit Not Cutting Effectively:**

- Ensure you are using the correct bit type for the material (e.g., HSS for metal, masonry for concrete).
- Check if the bit is dull or damaged. Replace if necessary.
- Verify appropriate speed and pressure settings on your drill/driver.

- **Bit Breaking or Bending:**

- Excessive force or incorrect angle can cause breakage. Apply steady, even pressure.
- Ensure the workpiece is securely clamped.
- Using the wrong bit for the material can lead to damage.

- **Screw Head Stripping:**

- Ensure the screwdriver bit is the correct size and type for the screw head.
- Apply firm, consistent downward pressure to keep the bit engaged.
- Reduce the speed of your drill/driver.

- **Bits Rusting:**

- Ensure bits are clean and dry before storage.
- Store the case in a dry environment.
- Apply a light coat of rust-preventative oil to metal bits if storing for extended periods in humid conditions.

## SPECIFICATIONS

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<b>Model Number</b>	A7188
<b>Number of Pieces</b>	50
<b>Material</b>	High Speed Steel (HSS) for drill bits
<b>Finish Type</b>	Titanium (for HSS drill bits)
<b>Product Dimensions</b>	7.87 x 6.69 x 2.17 inches
<b>Item Weight</b>	1.53 Pounds
<b>Shank Type</b>	SDS-Plus (for some masonry bits, general hex for screwdriver bits)
<b>Cutting Angle</b>	118 Degrees (for some drill bits)

## WARRANTY INFORMATION

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BLACK+DECKER products are manufactured to high-quality standards. For specific warranty details regarding your A7188 Drill and Screwdriver Bit Set, please refer to the warranty card included with your purchase or contact customer support. General warranty information may also be available on the official BLACK+DECKER website.

## CUSTOMER SUPPORT

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For any questions, assistance, or support regarding your BLACK+DECKER A7188 50-Piece Drill and Screwdriver Bit Set, please contact our customer care team:



**SALES AND AFTER SALES SUPPORT**



**GREAT SERVICE NETWORK**



**WARRANTY**



**ORIGINAL PARTS**



**INFORMATION**



**OMNICHANNEL SUPPORT**

## **CUSTOMER CARE CONTACT**

**PHONE:**

**1800-203-0644**

**MON-SAT**

**09:00 AM - 06:00 PM IST  
EXCEPT GOVERNMENT HOLIDAYS**

**EMAIL:**

**SBD-CUSTOMER  
COMMUNICATIONS  
@SBDINC.COM**

**NUMBER OF AUTHORIZED  
SERVICE CENTER : 500+**

**WHATSAPP:**



**+91 96060 55835**

**SCAN THE CODE TO CONTACT US**

Image: Customer care contact details including phone number, email, and WhatsApp QR code.

- **Phone:** 1800-203-0644
- **Email:** [SBD-CUSTOMERCOMMUNICATIONS@SBDINC.COM](mailto:SBD-CUSTOMERCOMMUNICATIONS@SBDINC.COM)
- **WhatsApp:** [+91 96060 55835](https://wa.me/919606055835) (Scan QR code or click link)
- **Operating Hours:** Monday - Saturday, 09:00 AM - 06:00 PM IST (Except Government Holidays)
- **Service Network:** Over 500 authorized service centers.