

Thread-Forming Bonding Screw *BONDSCREW Series*

Thread-forming bonding screw that cuts through painted surfaces to create a reliable electrical bond for rack cabinets, enclosures, and grounding applications.

Key Features and Benefits



- Thread-forming 1/4-20 steel screw creates a dependable electrical bond between grounding conductors and painted rack cabinets or enclosures.
- Type 23 thread-cutting tip removes paint as it is installed, ensuring metal-to-metal contact while minimizing metal debris.
- Eliminates the need to manually scrape or grind paint before attaching bonding wires, reducing installation time.
- Ideal for securing bonding wires, grounding jumpers, and earthing conductors in rack cabinets, industrial enclosures, and equipment frames.
- 3/8-inch hex/slotted head allows installation with either a socket or flat-blade screwdriver for greater flexibility in the field.
- Green zinc-plated finish provides corrosion resistance while making the bonding point easy to identify during inspections.
- Available in 4, 10, and 50-piece packages, with bulk quantities available for OEMs and production environments.
- Compatible with Hammond rack cabinets, electrical enclosures, and many other painted steel equipment enclosures.
- RoHS and REACH compliant.

Specifications

- 3/8 Socket Hex/Slotted Head.
- 1/4-20 thread.
- $\varnothing$ 0.186 Diameter.
- 0.5" Length.
- Machine screw with included type 23 thread-cutting tip.

The BONDSCREW Series Thread-Forming Bonding Screw provides a fast and reliable way to establish electrical continuity in painted rack cabinets and electrical enclosures. Its Type 23 thread-cutting tip forms its own threads while cutting through paint, creating dependable metal-to-metal contact for grounding and bonding applications without the need to remove the finish beforehand.

Designed for bonding wires, grounding jumpers, and earthing conductors, the BONDSCREW Series simplifies installation while helping maintain consistent electrical continuity throughout the enclosure. Available in multiple package sizes, it is an ideal solution for OEM production, field installations, maintenance, and retrofit projects.

Part No.	Qty Included	Packaging
BONDSCREW-4	4	Bag
BONDSCREW-10	10	Bag
BONDSCREW-50	50	Plastic Jar

Where the BONDSCREW Series Works Best

- Grounding rack cabinets and equipment racks.
- Bonding electrical enclosures and industrial control panels.
- Installing bonding jumpers between doors, panels, and cabinet frames.
- OEM enclosure manufacturing and production.
- Field service, retrofit, and maintenance projects.
- Applications where painted surfaces must maintain electrical continuity.

Best Applications

- Attaching bonding wires to painted steel enclosures.
- Creating reliable grounding points in rack cabinets.
- Establishing electrical continuity across removable panels and doors.
- Installing grounding conductors in industrial equipment.
- Replacing damaged or missing bonding screws during maintenance.

Tags: **bonding screw, grounding screw, ground screw, electrical bonding screw, thread-forming bonding screw, paint piercing screw, grounding fastener, enclosure bonding screw, cabinet grounding screw, equipment bonding screw, grounding hardware, bonding fastener**

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