

SPI POWERED AND MANUAL COPPER PIPE CLEANER – SEL9250

Specification / Technical Data Sheet

1. Product Identification

Product Name: SPI Powered and Manual Copper Pipe Cleaner

Attachment Type: Drill, Impact Driver or Impact Wrench Powered Pipe Cleaning Brush

Compatible Power Tool Type: Electric Drill, Impact Driver or Impact Wrench (3/8")

Primary Application: Cleaning and preparation of copper pipes prior to soldering or brazing

Use: Manual or Powered with Adaptor

Revision / Version: 1.0

Date Issued: 2026

2. Product Description

The SPI copper pipe cleaner is a manual or power-driven set of tools designed to clean, polish, and remove oxidation, debris, and contaminants from copper pipe surfaces. These attachments use steel bristles or wire brushes to prepare pipe surfaces for soldering, brazing, and fitting installation.

3. Materials & Construction

<u>Component</u>	<u>Material</u>	<u>Grade / Standard</u>	<u>Surface Treatment</u>
Main Body	Tool-grade Steel or Stainless Steel	Industrial Tool Steel	Anti-corrosion coating
Cleaning Bristles	Fine Steel Wire Bristles	Heat-treated Steel	Oxidation-resistant finish
Mounting Shank	Hardened Steel	3/8" Socket to Hex	Corrosion protected

4. Dimensional Specifications

<u>Parameter</u>	<u>Typical Value</u>	<u>Unit</u>	<u>Tolerance</u>
Pipe Size Compatibility	15mm, 22mm, 1/2", 3/4"	mm / inch	±1mm
Bristle Length	Approx. 6	mm	±1mm
Overall Length	Approx. 45	mm	±10mm
Weight	0.2 – 0.3	kg	±0.05kg

5. Power Tool Compatibility

Mounting Interface: Female 3/8" Socket on pipe cleaners. Kit supplied with 1 X locking 3/8" socket to 1/4-inch Hex Shank adapter.

Compatible Tools: Standard Electric Drills, Impact Drivers and Impact Wrenches (Without Adapter)

6. Performance Specifications

<u>Parameter</u>	<u>Typical Value</u>	<u>Unit</u>
Maximum Operating Speed	Low to Moderate Drill Speed	2000 RPM
Cleaning Function	Removes oxidation, rust, debris	N/A
Duty Cycle	Intermittent use recommended	N/A
Estimated Service Life	Dependent on use and maintenance	2 Years

7. Operating Conditions

Temperature Range: 0°C to 100°C

Suitable Materials: Copper, Brass, Bronze Pipes

Restricted Use: Hardened steel or high hardness alloys

The attachment is designed to operate under controlled acceleration. Operators are advised to initiate operation at low rotational speed and progressively increase speed to the required level. Instantaneous full-speed engagement could introduce impact loading that may lead to mechanical failure of the socket adapter or drive interface.

8. Safety Information

- Use only Manually or with compatible power tools.
- Wear appropriate PPE including gloves, eye protection, and hearing protection.
- Inspect attachment before use.
- Do not exceed recommended tool speed.
- Do not insert appendage into open end when in use - risk of harm

9. Maintenance Requirements

Regular inspection of bristles for wear or deformation.

Clean debris after use.



When brush looks heavily worn, bent out of shape or is no longer cleaning to a previous standard a replacement brush is advised.

10. Storage Requirements

Store in dry, clean environment.

Avoid corrosive atmospheres.

11. Document Approval

<u>Role</u>	<u>Name</u>	<u>Signature</u>	<u>Date</u>
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