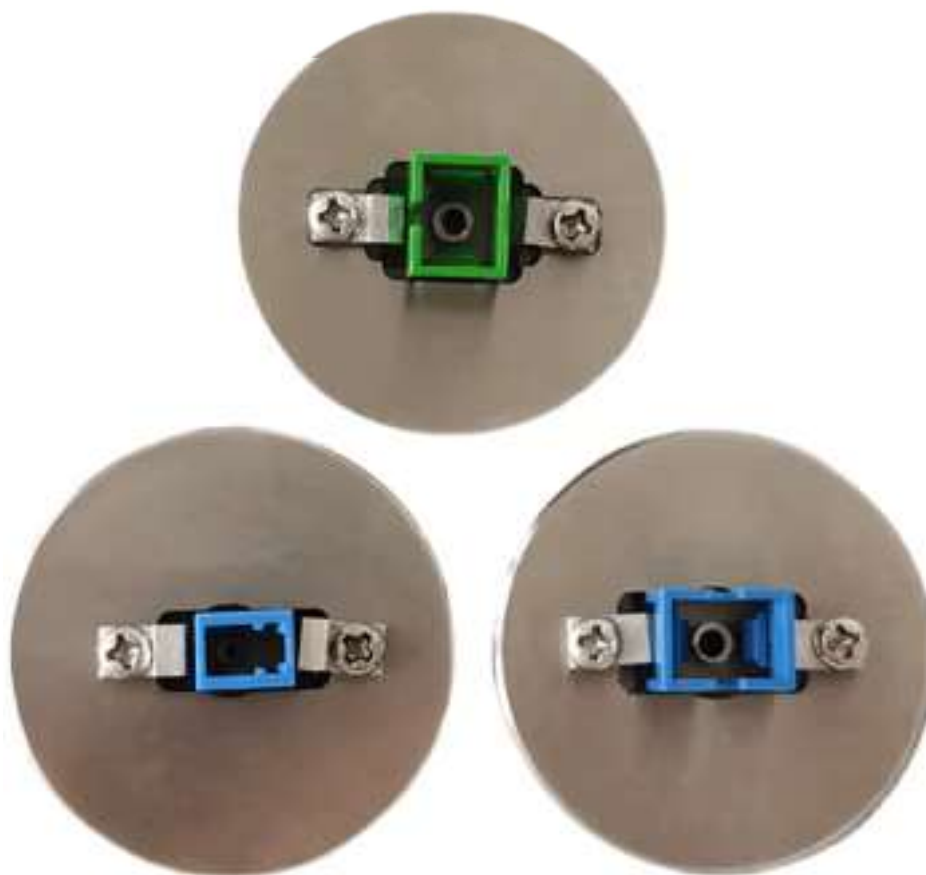


Optical Fiber Tool

TECHNICAL DATA SHEET

**SC/ST/FC UPC Connector Hand Polish
Puck – Stainless Steel**



SC/ST/FC UPC Connector Hand Polish Puck - Stainless Steel

Product Description

The Hand Polish Puck is a precision polishing fixture designed for manually polishing SC, ST, and FC UPC fiber optic connectors. Manufactured from high-grade stainless steel, it securely holds the connector ferrule in the correct position during polishing, ensuring consistent pressure and accurate end-face geometry.

The polishing puck is engineered to deliver repeatable polishing results while minimizing ferrule damage and polishing errors. It is compatible with standard 127 mm polishing films and polishing pads, making it suitable for connector manufacturing, field termination, repair, and laboratory applications.



Product Features

- Designed for **SC, ST, and FC UPC connectors**
- Precision-machined stainless-steel construction
- Ensures accurate ferrule alignment during polishing
- Provides consistent polishing pressure
- High wear and corrosion resistance
- Excellent dimensional stability
- Smooth surface finish for reliable operation
- Compatible with manual polishing processes
- Long service life



Applications

- Fiber Optic Connector Manufacturing
- Manual Connector Polishing
- FTTH Connector Assembly
- Telecommunications Equipment Production
- Fiber Optic Repair and Maintenance
- Laboratory Testing
- Optical Patch Cord Manufacturing
- Data Center Fiber Assemblies



Product Specifications

Parameter	Specification
Product Type	Fiber Optic Hand Polish Puck
Connector Compatibility	SC, ST, FC
Polish Type	UPC
Material	Stainless Steel
Polishing Method	Manual
Compatible Polishing Film	127 mm (5 inch)
Surface Finish	Precision Machined

Mechanical Specifications

Item	Specification
Material	Stainless Steel
Corrosion Resistance	Excellent
Wear Resistance	High
Dimensional Accuracy	Precision Machined
Surface Finish	Polished

Compatible Equipment

- Manual Polishing Plates
- 127 mm Polishing Films
- Rubber Polishing Pads
- Fiber Optic Connector Polishing Kits

Compatible Connectors

- SC/UPC
- ST/UPC
- FC/UPC

Environmental Performance

Parameter	Specification
Operating Temperature	-20°C to +60°C
Storage Temperature	-30°C to +70°C
Corrosion Resistance	Excellent
Moisture Resistance	High