



A RIPLEY® BRAND



# FO 103 Series

## Fiber Optic Strippers

When Precision Matters, the Original is Still the Best

The Miller® FO 103 Series of fiber optic strippers is the **ONLY** fiber stripper with stripping holes created by the wire EDM process, an exact and repeatable manufacturing process. Other competitive tools utilize a grinding process to shape the stripping hole geometry.

The profile can vary during production as the grinding wheel breaks down. The FO 103 has more precision and durability than the competition. Based on a statistical analysis of the stripping hole diameter, the consistency varies noticeably with the competition manufacturing technique.

### FO 103 vs. Competitors

The FO 103 is more controlled, consistent, & within the “safe zone” for optimal fiber stripping based on the statistical data. Compared to the FO 103, the competition’s hole diameters were not as accurate, and the quality was inconsistent.

### Comparison Chart

	MILLER® FO 103	COMPETITION
STANDARD DEVIATION	0.00015"	0.00062"
STRIPPING HOLE MAGNIFIED AT 220X		

The competitive outliers show examples of tools with either too small or too large holes, creating fiber breakage or a jagged stripping cut. The histogram to the right shows the consistency of the FO 103 hole measurement data and the overall accuracy versus the competition.

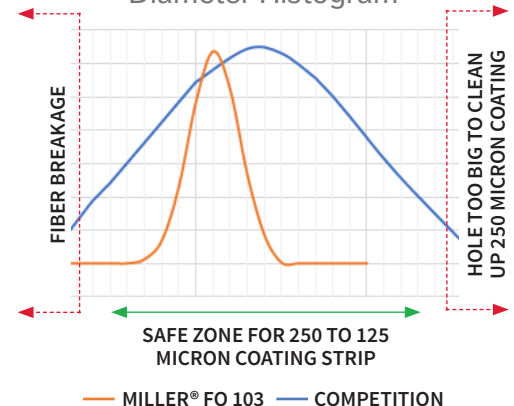
MODEL	PART #	HOLES	DESCRIPTION
FO 103S	80355	1	250 µm Buffer Coating → 125 µm Fiber
FO 103-D-250	80675	2	900 µm Tight Buffer → 250 µm Buffer Coating; 250 µm Buffer Coating → 125 µm Fiber
FO 103-T-250-J	80677	3	1.6 - 3.0 mm Jacket → 900 µm Tight Buffer; 900 µm Tight Buffer → 250 µm Buffer Coating; 250 µm Buffer Coating → 125 µm Fiber



ELECTRICAL DISCHARGE MACHINING (EDM) RESULTS IN THE **MOST** CONSISTENT BLADE PROFILE, **MOST** CLOSELY ALIGNED TO FIBER PROFILE



### Stripping Hole Nominal Diameter Histogram





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# Make Cable Preparation Easier

## With Additional Ripley® Products



MB03-7006



MB03-7007

### Advanced Fiber Optic Prep Kit

Complete Fiber Access Kit

Complete Kit Includes:

- Hard Plastic Case with Foam Lining **or** Zippered Nylon Tool Bag with Multiple Pouches & Belt Clip
- FO-103S Fiber Optic Stripper **or** CFS-3 Fiber Optic Stripper
- ACS+ Series Slitter for Armored & Heavy-Duty Cables
- CA Series Drop Cable Grip Tool
- MB04 “Twister” FTTX Drop Cable Slitter
- MSAT® 16 Series Mid-Span Fiber Access Tool
- FTS Series Buffer Tube Scorer
- KS-1 Series Fiber Optic Kevlar® Shears

PART #	MODEL	CASE TYPE
MA03-7005	Kit w/ FO-103S Fiber Optic Stripper	Hard Case with Foam Insert
MA03-7006	Kit w/ FO-103S Fiber Optic Stripper	Nylon Tool Bag with Zipper and Pockets
MA03-7007	Kit w/ CFS-3 Fiber Optic Stripper	Hard Case with Foam Insert
MA03-7008	Kit w/ CFS-3 Fiber Optic Stripper	Nylon Tool Bag with Zipper and Pockets



### KS-1

Fiber Optic Kevlar® Shears

- Ideal for cutting Kevlar® strength fibers in fiber optic cable
- Lightweight & ergonomic design
- Micro-serrated blade reduces slippage for precise cuts

MODEL	PART #	ITEM DESCRIPTION	LENGTH
KS-1	80671	Fiber Optic Kevlar® Shears	5.5" (140 mm)
	80665	Fiber Optic Kevlar® Shears & Nylon Carrying Pouch	5.5" (140 mm)



### RCS-114 & RCS-158

Round Cable Strippers

- Designed for fast, safe & precise removal of PE, PVC, rubber & other jacket materials
- Spring-loaded cable brace firmly secures cable against the blade for controlled cutting action
- Durable blade performs rotary & spiral type cuts

MODEL	PART #	CABLE SIZE Ø	REPLACEMENT BLADE	
RCS-114	37140	0.178" to 1.14" (4.5 to 29.0 mm)	CB231	37150
RCS-158	37145	0.75" to 1.58" (19.0 to 40.0 mm)		