

# Simplify Fiber Prep with the Micro Armor® Removal Tool



The Micro Armor Removal Tool (M.A.R.T) is designed to make fiber prep faster, easier, and more precise. Engineered for TiniFiber's patented stainless steel-Kevlar® Micro Armor Fiber, this compact tool cleanly separates jacket from fiber without damage, helping installers work quicker while protecting cable integrity.

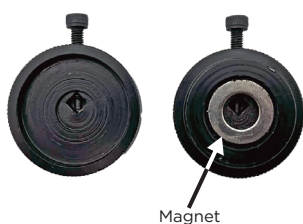
The M.A.R.T accommodates up to 3mm of Micro Armor to allow the separation of the Micro Armor accurately and with ease - speeding up installation time while maintaining Fiber integrity.

With a secure magnetic clamp and smooth counter-rotation design, the M.A.R.T removes Micro Armor in under four turns. That means less time on site, less risk of fiber damage, and more consistent results.

Remove  
Micro Armor...



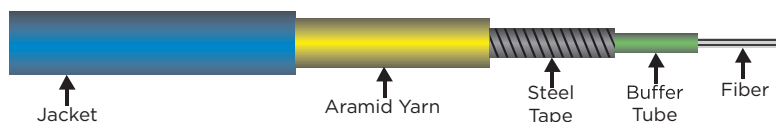
...in under  
four turns



Magnet



12.1mm 8.4mm



The Micro Armor Removal Tool is designed to remove the Micro armor in 1-24 strand Micro Armor Fiber Cables.

2 Separate Discs Closed Position

## Features & Benefits of TiniFibers Micro Armor Solution



Smaller Cable Diameter



Increased Flexibility



Durable Design



Smoother Jacket



Rodent Resistant



UL Listed



OSHA Safe



Lower Shipping Cost



Lower Installation Costs



Crush Resistant



Customizable Solutions

## Tool Specs

Type	Part #	Weight	Size
M.A.R.T Micro Armor Removal Tool	81161-TF	244g	38,1 x 20,9 mm
Cable Jacket Scorer	80980-TF	28g	95,55 x 15,92 mm
Aramid Yarn Shears	80671-TF	79g	139,7 x 69,85 mm
Steel Cutting Tool	39930-TF	170g	162 mm

## Instructions

### Step 1:



Cut the optical cable with a steel cutter, like the Ripley CCS 22.

### Step 2:



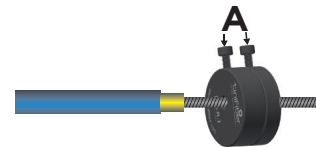
To score and remove 1-24 fiber count cable jackets, use the Miller FTS Cable Jacket Scorer or similar tool.

### Step 3:



Cut the aramid yarns to the specified length, with the Miller KS-1 aramid yarn shears or similar tool.

### Step 4:



Release the screws (A) from the removal tool and insert the cable into the hole in the thick disc to the desired removal point and tighten the screws with hand force. The armored steel tape should be secure.

### Step 5:



Make 3 turns or the maximum it will allow with the small (right) disc in a clockwise direction. Release the screw on the smaller disc and remove the disc.

### Step 6:



Cut the steel tape at the position where it is widened and remove the armoring. Use a small steel cutter with fine jaws like the Ripley CCS 22.

**WARNING! THIS TOOL IS NOT PROTECTED AGAINST ELECTRICAL SHOCK!** Always use OSHA/ANSI/CE or other industry approved eye protection when using tools. This tool is not to be used for purposes other than intended. Read carefully and understand instructions before using this tool.

**Patent notice:** "TiniFiber® products are protected by patents in the United States and other jurisdictions (countries). This list is not exhaustive, and additional TiniFiber® products not specifically enumerated herein may also be subject to patent protection - <https://tinifiber.com/patent-notice/>