

10 170-II Series Micro-Shear® Flush Cutters SERIES

170-II Micro-Shear® Flush Cutter

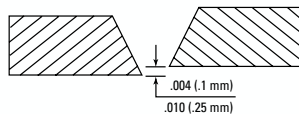
Our world famous, patented original Micro-Shear® flush cutter sets the standard imitators can't meet. We invented it. We perfected it. We were awarded the patent (U.S. Pat. 3774301).

Shear cutting greatly reduces cutting effort while providing the shear cut desirable in electronics assembly work. Less cutting effort means fewer fatigue related injuries and complaints.

The ergonomically shaped, non-slip Xuro-Rubber™ grips, glare eliminating black finish and light weight ensure operator comfort. Ultra slim profile increases access in high density areas. Flush cuts soft wire up to 18 AWG (1.0 mm).

170-IIA Full Flush Cutting Micro-Shear® Flush Cutter

The 170-IIA is an ultra flush cutting version of our 170-II, for fine work. Very lightly bevelled cutting edges allow for minimal blade by-pass (see diagram) ensuring the finest flush cut possible while still retaining the Micro-Shear® blade by-pass type of cut. Glare eliminating black finish and ergonomically shaped, non-slip Xuro-Rubber™ grips ensure operator comfort. Cuts soft wire up to 20 AWG (0.8mm). The 170-IIA is a good choice for plastics de-gating.



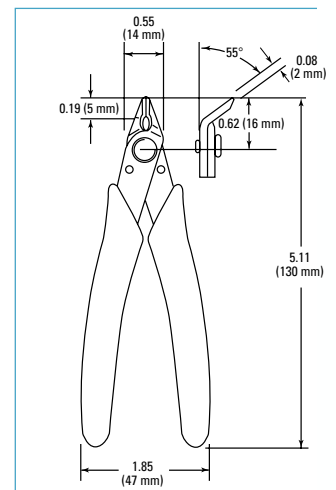
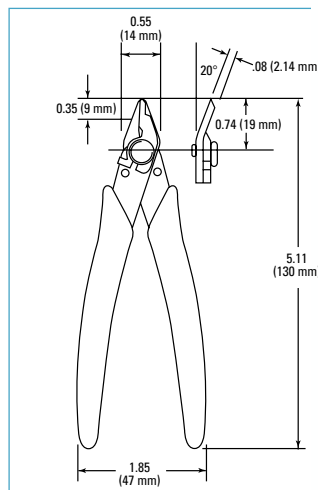
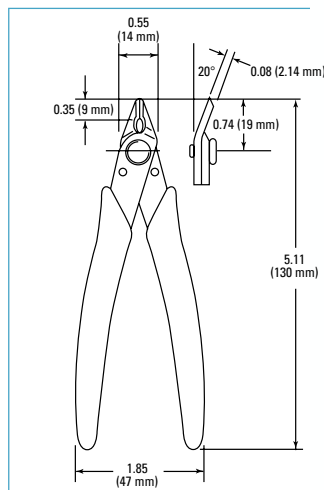
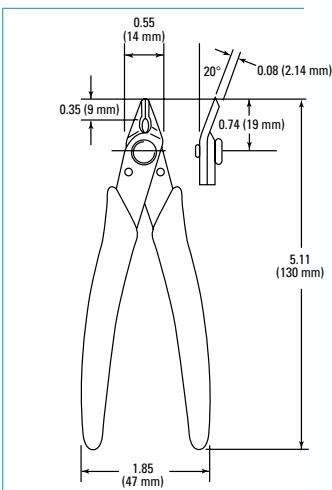
170-II Series shears offer numerous ergonomic enhancements in an "economically priced" tool. Their effort-reducing Micro-Shear® cutting action requires only about half the effort to cut a wire as that required by conventional compression-type cutters. The 170-II Series feature advanced ergonomic shape, Xuro-Rubber™ grips, a glare eliminating black finish, light weight and our patented, lifetime warranted, *Light Touch™*

170-IIF Micro-Shear® Flush Cutter

The 170-IIF features a low profile, non-slip, factory-installed lead retainer to help prevent flying leads and component shorting from stray leads.

280-II Angled Micro-Shear® Flush Cutter

The 280-II allows easier cutting in difficult areas. A 55° angled head provides excellent sight lines when used in either the vertical or horizontal position. A slim profile increases accessibility to hard to reach surfaces. Light weight, glare eliminating black finish, non-slip Xuro-Rubber™ grips ensure operator comfort. Flush cuts soft wire up to 20 AWG (0.8 mm).



FEATURING QUALITY & PRECISION

170-II SERIES

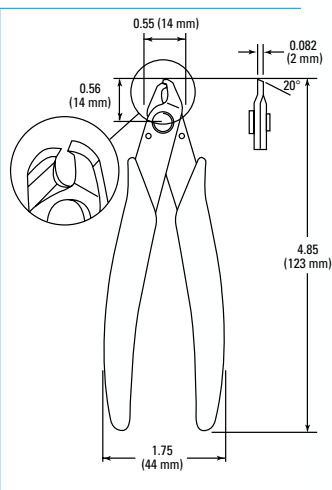
170-II Series Micro-Shear® Flush Cutters 11

return spring.

Manufactured from a tough alloyed steel, their Rockwell hardness is a durable 54-56C. They are optionally available with static control (AS) grips.

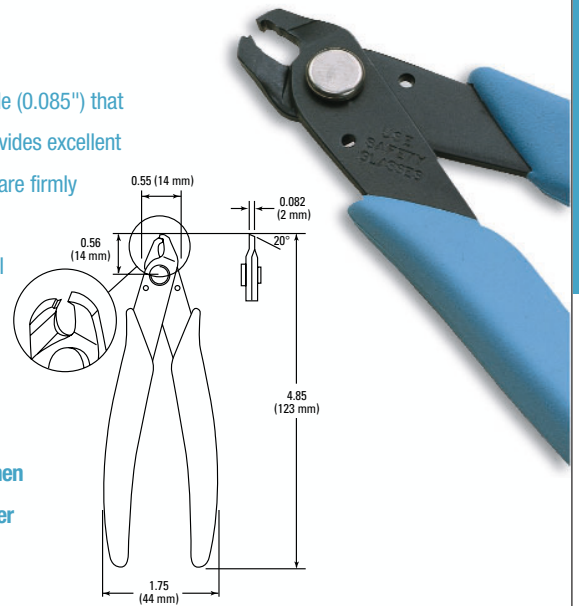
635 Shear Rise Cutter

The 635 Shear Rise Cutter combines a full flush, shear cut and a 0.035" stand off in one cut. It's ideal for manufacturers who need both a stand off and a full flush cut. Glare eliminating black finish, ultra light weight and ergonomically-shaped, non-slip Xuro-Rubber™ grips ensure operator comfort. High carbon steel guarantees durability. Full flush cuts on soft wire up to 20 AWG (0.8 mm).



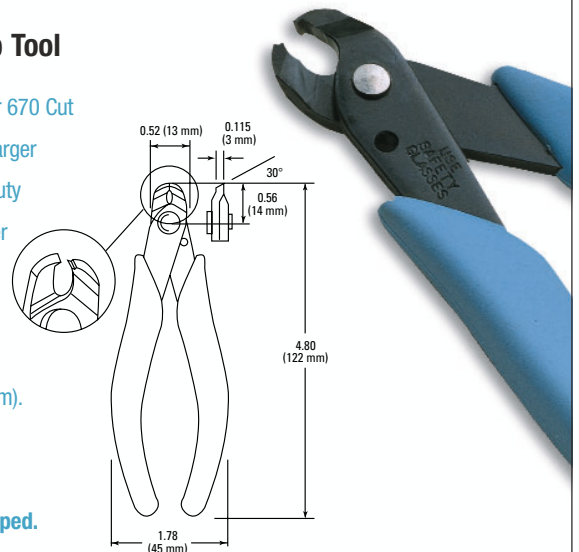
670 Cut and Crimp Tool

The 670 Cut and Crimp Tool features a slim profile (0.085") that allows accessibility in high density areas and provides excellent sight lines for precise positioning. Swaged leads are firmly attached to p.c.b., while freshly exposed lead material enhances solderability. High carbon steel guarantees durability. Ultra light weight, glare eliminating black finish and ergonomically shaped, non-slip Xuro-Rubber® grips ensure operator comfort. Cuts and crimps soft wire up to 20 AWG (0.8 mm). **Best results are achieved when the diameter of the hole on the p.c.b is not larger than 2.5 times the diameter of the wire being cut/crimped.**



670HD Heavy Duty Cut and Crimp Tool

The 670HD offers the same great features as our 670 Cut and Crimp tool in a heavy-duty configuration. A larger head (0.115") simplifies positioning and heavy-duty construction provides extended tool life and larger wire capacity. Light weight, glare-eliminating black finish and ergonomically-shaped, non-slip Xuro-Rubber™ grips ensure operator comfort. Cuts and crimps soft wire up to 16 AWG (1.27 mm). **Best results are achieved when the diameter of the hole on the p.c.b is not larger than 2.5 times the diameter of the wire being cut/crimped.**



8500 BioShear® Flush Cutter

Bio-Shear® flush cutters incorporate the popular curved grip design with all the ergonomic features of our standard 170-II. Grip design keeps the knuckles of the operator's hand in a straighter line and prevents the hand from completely closing, reducing the amount of effort expended while delaying fatigue. Heat treated to 54-56RC for lasting durability. Please designate either 8500L(left) or 8500R(right).



For a selection of companion pliers turn to Pliers section beginning on page 13