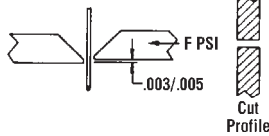


## Electronic Shearcutters and Pliers

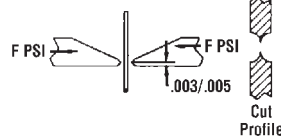
### Superior Quality and Value

#### Shear Cut



Total Operator  
Force = Less Than 1/2 F

#### Crush Cut



Total Operator Force = F

In shearcutting, one edge acts as an anvil while the other edge shears off the lead.

- Xcelite's Shearcutter flush cutting tools require less than half the operator force of most wire and lead cutting tools and transmit proportionately less shock to the component
- As a result, they comply with MIL-STD-2000, DOD-STD-2000 and WS-6536E standards
- Grips are molded of wide, shock absorbing material for operator comfort
- Models 175 and 2178 incorporate safety clips which effectively eliminate flying leads
- However, safety glasses are still recommended when using these tools

Shearcutter  
170/175



Heavy-Duty  
Shearcutter  
1178/2178



Plier  
378



### Product features



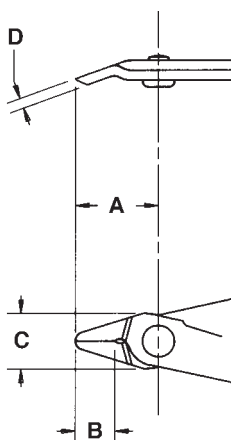
- Shearcutter — Red grips (Suffix "M")
- Advanced handle design
- Made from high quality carbon steel
- Non-glare black finish
- Superior shearing action

- Static-dissipative pliers — black grips (Suffix "D")
- Advanced handle design
- Specially hardened and plated
- Superior shearing action

## Shearcutter - General-purpose



Safety Clip



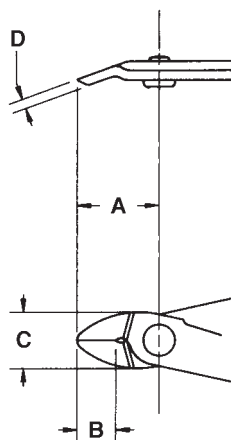
- Low profile, general-purpose cutter
- Superior blade by-pass shear cutting action
- Better cuts with half the effort
- Greatly reduced mechanical shock delivered to the work
- 170M, 175M feature red grips
- 170D, 175D feature static-dissipative black grips
- 175M, 175D feature safety clips
- 170D, 175D especially hardened and plated
- Flush cuts soft wire up to 20 AWG (0.8mm)

Catalog Number	UPC Number	Packed	Length (inch)	Length (mm)	A (inch)	A (mm)	B (inch)	B (mm)	C (inch)	C (mm)	D (inch)	D (mm)	Pack weight (lb)	Pack weight (g)	Shelf pack
<b>170M</b>	037103029959	Carded	5	127	3/4	19	11/32	9	1/2	13	5/64	2	1.5	680	6
<b>170D</b>	037103029935	Carded	5	127	3/4	19	11/32	9	1/2	13	5/64	2	1.5	680	6
<b>175M</b>	037103030023	Carded	5	127	3/4	19	11/32	9	1/2	13	5/64	2	1.5	680	6
<b>175D</b>	037103030009	Carded	5	127	3/4	19	11/32	9	1/2	13	5/64	2	1.5	680	6

## Shearcutter - Heavy-duty



Safety Clip



- Heavy-duty for IC pins, cables and harnesses
- Maximum durability
- Safety clip (on some models) prevents flying leads
- Maximum operator safety
- 1178M, 2178M feature red grips
- 1178D, 2178D feature static-dissipative black grips
- 2178M, 2178D feature safety clips
- 1178D, 2178D especially hardened and plated
- Flush cuts soft wire up to 14 AWG (1.6mm)

Catalog Number	UPC Number	Packed	Length (inch)	Length (mm)	A (inch)	A (mm)	B (inch)	B (mm)	C (inch)	C (mm)	D (inch)	D (mm)	Pack weight (lb)	Pack weight (g)	Shelf pack
<b>1178M</b>	037103030825	Carded	5 5/8	143	29/32	23	13/32	10	17/32	14	1/8	3	1.62	735	6
<b>1178D</b>	037103030801	Carded	5 5/8	143	29/32	23	13/32	10	17/32	14	1/8	3	1.62	735	6
<b>2178M</b>	037103039590	Carded	5 5/8	143	29/32	23	13/32	10	17/32	14	1/8	3	1.62	735	6
<b>2178D</b>	037103031648	Carded	5 5/8	143	29/32	23	13/32	10	17/32	14	1/8	3	1.62	735	6

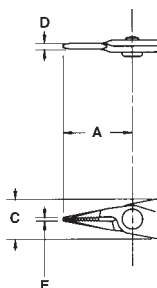
## 2 Piece Shearcutter / Plier Set



- The most popular all-purpose miniature electronic flush cutter and needle-nose plier
- Superior overall quality
- Advanced handle design
- Highest quality carbon steel
- Non-glare black finish
- Lightweight construction

Catalog number	UPC No.	Description		(lb)	(g)	Shelf pack
<b>S2K</b>	043127135156	Carded	2 piece set (170M and 378M) 10 each sets/case cut pack	3.8	1724	10

## Pliers - Serrated and Smooth Jaws



- Thin profile, long reach pliers
- For access into tight spaces
- Lightweight for maximum comfort
- For use in precision electronic assembly applications
- 378M, 378D feature serrated jaws
- 378SMM, 378SMD feature smooth jaws
- 378M, 378SMM feature light red grips
- 378D, 378SMD feature static-dissipative black grips and especially hardened and plated

Catalog Number	UPC Number	Packed	Length (inch)	Length (mm)	A (inch)	A (mm)	B (inch)	B (mm)	C (inch)	C (mm)	E (inch)	E (mm)	Pack weight (lb)	Pack weight (g)	Shelf pack
<b>378M</b>	037103030252	Carded	5 1/2	140	1 1/2	32	17/32	14	1/8	3	3/64	1.2	1.62	735	6
<b>378D</b>	037103030238	Carded	5 1/2	140	1 1/2	32	17/32	14	1/8	3	3/64	1.2	1.62	735	6
<b>378SMM</b>	037103030320	Carded	5 1/2	140	1 1/2	32	17/32	14	1/8	3	3/64	1.2	1.62	735	6
<b>378SMD</b>	037103030306	Carded	5 1/2	140	1 1/2	32	17/32	14	1/8	3	3/64	1.2	1.62	735	6