

Cutting capability guide

Catalog Number	Flush edge	Semi-flush edge	Standard edge	36 Ga. (.005) Teflon coated copper wire	25 Ga. (.017) soft copper wire	22 Ga. (.025) soft copper wire	20 Ga. (.034*) *90,000 PSI steel wire	20 Ga. (.034*) *120,000 PSI steel wire	18 Ga. (.047*) *200,000 PSI steel wire
EC54J	•				•	•	•		
EGA54J	•				•	•	•		
EMS543J	•				•	•	•		
EMS549J	•				•	•	•		
EMS54		•				•		•	
GA54J	•				•	•	•		
LC665J	•				•	•	•		
MS54JV		•					•		•
MS5433V	•				•	•	•		
MS545			•			•		•	
MS545J	•				•	•	•		
MS549J	•				•	•	•		
S1415NJS	•				•	•	•		
S424NJS	•				•	•	•		
S54N				•			•		•
S54NKS		•				•		•	
S54NS			•			•			•
S55N				•			•		•
S55NKS		•				•		•	
S55NS			•			•			•
SN54			•				•		•
SN55			•				•		•
TC55			•				•		•

* Maximum Tensile Strength

Xcelite® Electronic Pliers

Provide the ultimate in precision plier:

Manufactured to the highest professional quality

Easily handles a wide range of electronic assembly requirements

Smooth, easy-working, corrosion-proof joint

Maintains perfect cutting edge and tip alignment

All Xcelite® cutters and pliers are standard with ESD safe cushion grip handles. Exception: red grip products

Xcelite® Diagonal Cutting Pliers

FLUSH OR SEMI-FLUSH
CUTTING EDGES HANDLE MOST
CUTTING REQUIREMENTS

CUTTING EDGES
MACHINE GROUND AND
ELECTRONICALLY HARDENED
FOR EXTENDED LIFE

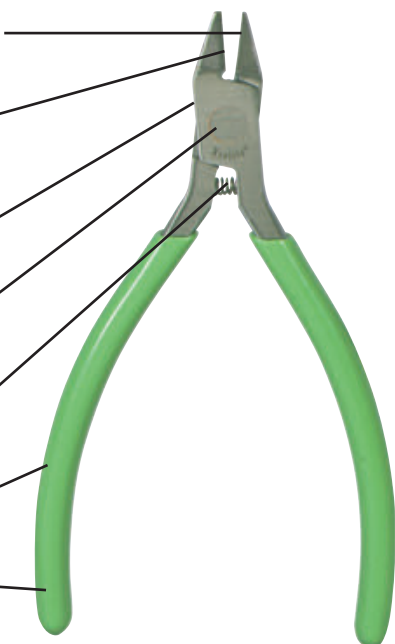
FORGED ALLOY STEEL WITH
POLISHED HEAD FOR HIGH
DURABILITY

STEEL RIVET FOR SMOOTH
OPERATION AND LONG LIFE

HANDLE COIL SPRINGS
FOR FAST CUTTING ACTION
(Standard on all Models)

ESD SAFE CUSHION GRIPS FOR
MAXIMUM COMFORT (Standard
on all Models)

"ACCU-LITE" GRIPS ALSO
AVAILABLE ON MANY MODELS



Pliers Features and Benefits:

- Lightweight, miniature plier line. Includes versatile selection of diagonal, angular, tip and end cutters plus wiring and assembly tools.
- Choice of oval, tapered, relieved and angled head designs for general or confined area cutting.
- Full flush or semi-flush cutting edges machine ground and electronically hardened for extended life in cutting either hard or soft wires.
- Needle nose styles include long, short, curved, flat and round to handle most forming, looping, twisting, insertion and pickup jobs.
- Steel joint maintains perfect cutting edge and tip alignment to maximize operational consistency and tool life.
- Handle coil springs, allow faster cutting action with reduced user fatigue.
- Forged from high quality alloy steel for maximum strength and durability.
- Precision ground to close tolerances, individually finished and tested to ensure exact fit of jaws.
- Polished heads with gun metal handles.

	⚠ WARNING
	Handles Are NOT Electrically Insulated Beyond ESD Protection
	⚠ AVERTISSEMENT
	Les manches ne sont pas isolés électriquement au-delà de la protection DES
	⚠ ADVERTENCIA
	El mango no es aislante más allá de la protección ESD

⚠ WARNING	⚠ AVERTISSEMENT	⚠ ADVERTENCIA
Risk Of Eye Injury Wear ANSI Approved Eye Protection	Risque de dommages d'oeil Protection d'oeil approuvée de l'usage A.N.S.I.	Riesgo de lesión del ojo Protección de ojo aprobada del desgaste ANSI



Accu-Lite Handles Meet The Optimum Criteria For Hand Tools:

THUMB FLAIR INCREASES
TOOL CONTROL

EXCLUSIVE, SOFT, NON-
SLIP FOAM GRIPS PROVIDE
POSITIVE GRIPPING AND
MAXIMUM COMFORT

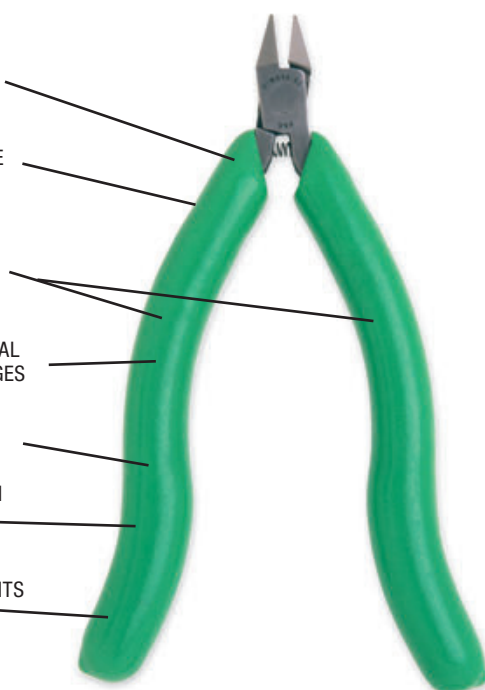
IDENTICALLY FORMED
HANDLES ALLOW EITHER
RIGHT OR LEFT-HAND USE

ANTI-STATIC GRIP MATERIAL
DISSIPATES STATIC CHARGES

SOIL RESISTANT SURFACE
EXTENDS GRIP LIFE

CONCAVE CONFIGURATION
DISPERSES GRIPPING
PRESSURE

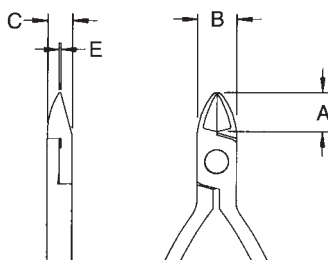
EXTENDED HANDLE PERMITS
USE OF ALL FINGERS



- Lightweight construction
- Extended handle length allows even application of force from all four fingers.
- Exclusive, smooth, soft foam cushion grips are free of abrupt edges and finger indentations.
- Grip material is non-slip and compressible to allow positive gripping and to absorb mechanical shock.
- Handle contours adaptable for either right or left-hand use.



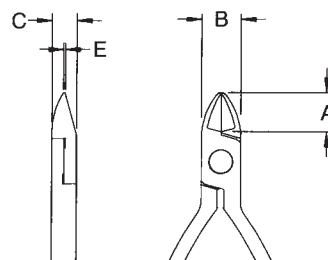
Oval Head Cutter - Semi-flush



- Diagonal cutting pliers/semi-flush
- General-purpose cutting
- Oval head for long life
- Features green cushion grips

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
MS54V	043127085444	Bagged	4	100	13/32	10	7/16	11	9/32	7	1/32	.8	.78	354	6

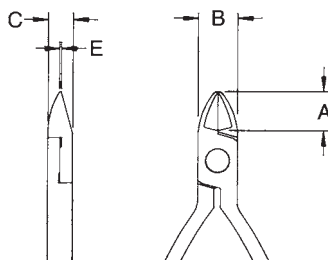
Oval Head Cutter - Flush



- Oval head diagonal cutter
- Flush cutting
- General use
- Features green cushion grips

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
MS54J	043127160448	Bagged	4	100	13/32	10	7/16	11	9/32	7	1/32	.8	1.11	504	6

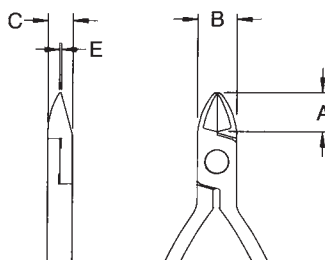
Tapered Head Diagonal Cutter



- Tapered head diagonal cutter
- Flush cutting of leads in restricted spaces
- Narrow tips give increased clearance
- Features green cushion grips

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
MS549JV	043127085420	Bagged	4	100	15/32	12	7/16	11	9/32	7	3/64	1	.96	435	6

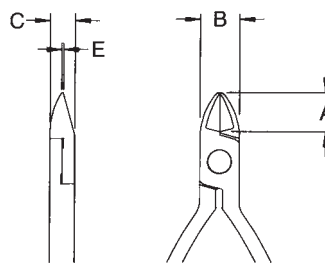
Oval Head Diagonal Cutter



- Oval head diagonal cutter
- Semi-flush cutting
- General-purpose cutting of steel wires
- Accu-Lite handles (see page 43)

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
EMS54	043127104374	Bagged	5 1/2	138	13/32	10	7/16	11	9/32	7	1/32	.8	.96	435	6

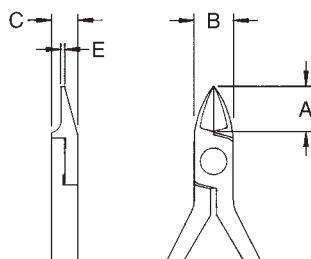
Tapered Head Diagonal Cutter



- Tapered head diagonal cutter
- Flush cutting
- Accu-Lite handles (see page 43)

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
EMS549J	043127104343	Bagged	5 1/2	138	15/32	12	7/16	11	9/32	7	3/64	1	.78	354	6

Relieved Tapered Head Cutter



- Diagonal cutting pliers
- Relieved tapered head-flush cutter
- Allows use between closely spaced components
- Features green cushion grips

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
MS543JV	037103129086	Bagged	4	100	15/32	12	7/16	11	9/32	7	3/64	1	.78	354	6