

# TOOL OPTIONS

Model	Page #	Materials Rating	Ultra Flush (A)	Flush	Semi Flush (B)	Lead Retainer	Static Control Grips	Extended Handle Length
9100 Oval Head Shear Cutter	4	12 AWG (2.0mm) soft wire		•		•	•	•
9180 Kevlar® Shear* Scissor Type	4	Either Kevlar® fiber or soft wire up to 12 AWG (2mm), as well as soft sheet metal up to .030" (0.8mm)					•	
9180NS Shear Scissor Type	4	12 AWG (2.0mm) soft wire as well as soft sheet metal up to .030" (0.8 mm)					•	
9200 Tapered Head Shear Cutter	5	14 AWG (1.6mm) soft wire		•		•	•	•
9250ET Shear Cutter	5	18 AWG (1.02mm) soft wire		•			•	
LX Shear Cutter	6	18 AWG (1.02mm) soft wire		•		•	•	
LXT Tapered Head Shear Cutter	6	20 AWG (0.8mm) soft wire		•			•	
2175 Shear Cutter	6&7	12 AWG (2.05mm) soft wire	•	•	•	•	•	
2193 Hard Wire Shear	7	12 AWG (2mm) soft wire as well as music and spring wire up to 0.040" (1.0mm)		•			•	
2193F Hard Wire Shear	7	12 AWG (2mm) soft wire as well as music & spring wire up to 0.60" (1.5mm)		•		•	•	
410 Shear Cutter	8	18 AWG (1.02mm) soft wire	•	•		•	•	
410T Tapered Head Shear Cutter	8	20 AWG (0.8mm) soft wire		•			•	
420 Angled Head Shear Cutter	9	20 AWG (0.8mm) soft wire		•			•	
420T Tapered Head Shear Cutter	9	22 AWG (.64mm) soft wire		•			•	
440 Mini-Shear - scissor type	9	20 AWG (0.8 mm) soft wire as well as 0.005" (.127 mm) mylar, plastic and shielded cable					•	
170-II Shear Cutter	10	18 AWG (1.02mm) soft wire	•	•		•	•	
280-II Angled Head Shear Cutter	10	20 AWG (0.08mm) soft wire		•			•	
8500 Bio-Shear® Shear Cutter	11	18 AWG (1.02mm) soft wire		•		•	•	
635 Shear Rise Cutter	11	20 AWG (0.08mm) soft wire		•			•	
670 Cut & Crimp Tool	11	20 AWG (0.08mm) soft wire					•	
670HD Heavy Duty Cut & Crimp Tool	11	18 AWG (1.02mm) soft wire					•	
501 Wire Stripper/ Cutter	13	10-26 AWG (2.59-.405mm) soft wire		•			•	
505 Wire Stripper/ Cutter	13	12-26 AWG (2.05-.405mm) - solid wire (soft)		•			•	
505ST Wire Stripper/ Cutter	13	12-26 AWG (2.05-.405mm) - stranded wire (soft)		•			•	
590 Pneumatic Cutter	17	16 AWG (1.3mm) soft wire		•		•		
590LP Low Profile Pneumatic Cutter	17	20 AWG (0.08mm) soft wire		•				

\*Usage Note: If using the 9180 to cut Kevlar® fiber, best results are achieved when it is used for this purpose exclusively.