

## **Crimpers and Wire Prep Tools**

Electrical/Electronic, CATV/Satellite, Voice/Data/Video, Automotive, Wire Rope, Industrial



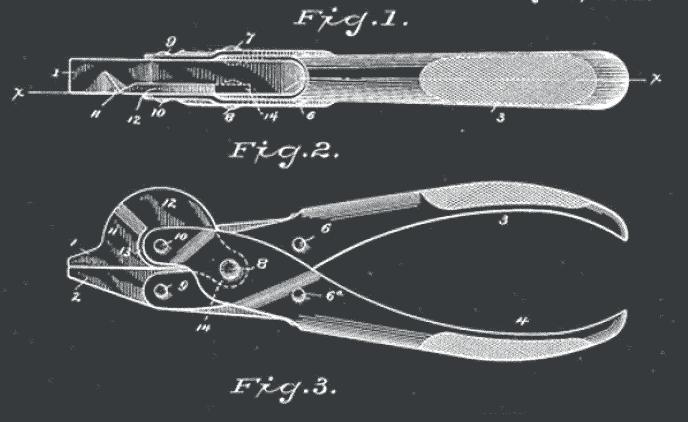
A Member of the **Oetiker Group** 

(No Model.)

W. A. BERNARD. COMBINED PLIERS AND CUTTER.

No. 479,113.

Patented July 19, 1892.



Sargent Tools traces its origin to the William Schollhorn Co., New Haven, Connecticut, USA in 1870. W.A. Bernard sold his patent for combined pliers and cutters to the William Schollhorn Co. in the 1890s. That began a tradition of designing and manufacturing the nest specialty hand tools for tradesmen throughout the world. That tradition continues with Oetiker Tool Corp. and a complete line of tools for electronic, CATV, voice, data, video, automotive aftermarket, wire rope and industrial applications.

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## **Products & Segments** Matrix

	Electrical / Electronic	CATV/Satellite
		SARGEN SARGEN SARGEN SARGEN
Crimp Tools	Page 4–17	Page 21–23
Cable and Wire Preparation/Strip Tools	_	Page 25–27
Compression Drop Tools	-	Page 18-20
Power Crimp Tools	Page 5	-
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Modular Plug Crimp Tools	_	-
Tubing and Conduit Cutter and Wire Worx	Page 15	_
Pliers and Punch Tools	_	_
Wire Rope Cutting/Swaging Tools	-	-

Voice/Data/Video	Automotive	Wire Rope	Industrial
	1000 (M)		
Page 28-33	Page 34-41	_	_
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## **ELECTRICAL | ELECTRONIC**

Crimp Tools Power Crimp Tools Power Lug Crimp Tools Open Barrel Contacts OEM Connector Manufacturer Compatible Crimp Tools Cutters for Plastic Conduit Wire Worx



#### ELECTRICAL | ELECTRONIC POWER CRIMP TOOLS



#### Power Lug Crimp Tool 4290 CT

- Power Lug Crimper 8, 6, 4 & 2 AWG
- Dies rotate without tools for quick size switching
- Each crimp cavity is color-coded for easy, speedy identi tion
- Simple to adjust and maintain
- Ergonomic, molded cushioned grips make crimping easier
- 10 1/2" tool length allows two-handed crimping when extra leverage is needed
- Finished crimps meet or exceed U.L. tensile strength requirements



4296 CT





#### **Power Lug Crimp Tool** 4295 CT

- Power Lug Crimper 8, 6, 4, 2 & 1 AWG
- Dies rotate without tools for quick size switching
- Each crimp cavity is color-coded for easy, speedy identi tion
- Simple to adjust and maintain
- Ergonomic, molded cushioned grips make crimping easier
- 10 1/2" tool length allows two-handed crimping when extra leverage is needed
- Finished crimps meet or exceed U.L. tensile strength requirements

Battery Lug





#### Power Lug Crimp Tool

- Power Lug Crimper 8, 6, 4, 2, 1 & 1/0 AWG
- Dies rotate without tools for quick size switching
- Each crimp cavity is color-coded for easy, speedy identi tion
- Simple to adjust and maintain
- Ergonomic, molded cushioned grips make crimping easier
- 10 1/2" tool length allows two-handed crimping when extra leverage is needed
- Finished crimps meet or exceed U.L. tensile strength requirements







6220 CT

- Crimps conductor portion of insulated and non-insulated terminals
- Four cavities: 8, 6, 4, & 2 AWG
- Cavities are identi ed by wire size and product type





Profile Geometry

VOICE | DATA | VIDEO

**NOTE** Crimp short barrel lugs at least two times and long barrel lugs at least three times to ensure proper connection

CATV |SATELLITE

CABLE PREP | STRIP TOOLS

#### ELECTRICAL | ELECTRONIC 4100 AND 4200 SERIES CRIMP TOOLS



#### Super Crimp Tool frame only

#### 4100 Series

- Designed with the durability and quality requirements of today's professional tradesmen
- Precision, interchangeable dies for multiple applications
- Ergonomic, progressive pivoting design for maximum crimping force and minimal handle pressure
- Multi-purpose frame designed and manufactured to exacting speci cations
- Molded grips and easy-reach jaws minimize user fatigue
- Fine blanked, high-carbon steel for the ultimate in accuracy and durability
- Single mounting screw per die makes changing between applications quick and easy
- Tool length 91/2"
- Molded grips
- Uses 4100 Series die sets
- See page 8–9 for line drawings, speci c applications and die set numbers



## Super Ergo Crimp Tool frame only

#### 4200 Series

- Designed with the durability and quality requirements of today's professional tradesmen
- Precision, interchangeable dies for multiple applications
- Ergonomic, progressive pivoting design for maximum crimping force and minimal handle pressure
- Multi-purpose frame designed and manufactured to exacting speci cations
- Molded grips and easy-reach jaws minimize user fatigue
- Fine blanked, high-carbon steel for the ultimate in accuracy and durability
- Single mounting screw per die makes changing between applications quick and easy
- Tool length 10 1/2" provides additional leverage and mechanical advantage
- Cushioned grips
- Uses 4100 Series die sets
- See page 8–9 for line drawings, speci c applications and die set numbers

**NOTE** Refer to 4100 Series die set chart for line drawings, speci c applications and die set numbers



#### Super Crimp Tool System Coax Kit

#### TK 4150

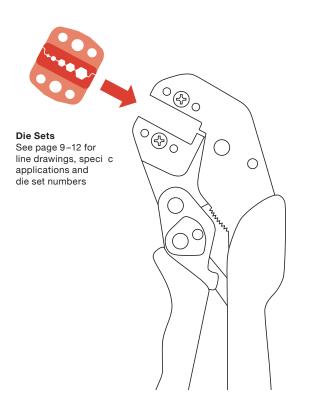
The Super Crimp System includes a 4100 Series Tool Frame, a selection of four interchangeable die sets for the most popular cable groups and a 8300 Easy Strip tool.

All components are conveniently arranged in a durable plastic storage case.

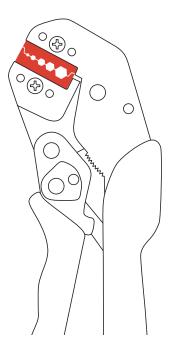
#### Includes

- 4100 Super Crimp frame with two mounting screws for easy die set change over
- All dies interlock to provide precise alignment and crimping
- Die Sets: 4100-65, 4100-66, 4100-67 and 4100-69 fo ber optic and coax applications
- The 8300 Easy Strip provides two and three level RG58, RG59 and RG62 coax cable stripping

#### Frame and Die Set Combination



4100 Series, 4200 Series and 2100 Series Super Crimp Frame



#### ELECTRICAL | ELECTRONIC 4100 AND 4200 SERIES CRIMP TOOLS

#### Application and Die Set Information

4100 and 4200 Series Crimp Tools





#### **INSULATED**



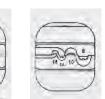
4220 CT/ 4120 CT Crimps conductor portion of insulated terminals and splices in a single action. Three cavities: Red 22-16 AWG, Blue 16-14 AWG & Yellow 12-10 AWG. 4100-20 Die Set only

action.

4100-40 Die Set only



4240 CT/ 4140 CT 4225 CT / 4125 CT Crimps conductor Crimps nonportion of insulated insulated terminals terminals and and splices in a splices in a single single action. Three cavities: Red 22-16 AWG, Three cavities: Red 22-16 AWG, Blue 16-14 AWG & Blue 16-14 AWG & Yellow 12-10 AWG. Yellow 12-10 AWG. 4100-25 Red and Blue Die Set only cavities produce inspection dimples.



4235 CT / 4135 CT Crimps noninsulated terminals and splices in a single action. Four cavities: Red 22-16 AWG, Blue 16-14 AWG & Yellow 12-10 AWG & 8 AWG. 4100-35 Die Set only



4236 MCT/ 4136 MCT Crimps noninsulated terminals and splices to four metric sizes: 0,5-1,5 mm<sup>2</sup>, 1,5-2,5 mm<sup>2</sup>, 4,0-6,0 mm<sup>2</sup> and 10 mm<sup>2</sup> (28-8 AWG). 4100-36 Die Set only



4237 MCT/ 4137 MCT Crimps noninsulated terminals and splices to three metric sizes: 4,0 mm², 6,0 mm² and 10 mm<sup>2</sup> (12-8 AWG). 4100-37 Die Set only



#### **POWER POLE**



4282 CT / 4182 CT Crimps 15 and 30 amp power pole connectors. "B" style crimps with indentor are produced in two cavities: (A) 20-16 AWG & (B) 16-12 AWG. 4100-82 Die Set only



#### WIRE FERRULE | BOOTLACE



4283 MCT/ 4183 MCT Crimps insulated and non-insulated wire tip ferrules to ve metric sizes: 0,25-0,5 mm<sup>2</sup>, 0,75-1,5 mm<sup>2</sup>, 4,0 mm<sup>2</sup> & 6,0 mm<sup>2</sup> (28-10 AWG). 4100-83 Die Set only

8



**SLIDE ON** 



4241 CT/ 4141 CT Crimps conductor

and strain relief portion of insulated slide-on terminals in a single action. Two cavities: Red 22-16 AWG & Blue 16-14 AWG. 4100-41 Die Set only

4275 CT / 4175 CT Crimps outer ferrule on most SMA, SMB or SFB styl ber optic connectors to .151", .178" or .213" hex.

4100-75

Die Set only

**FIBER OPTIC** 

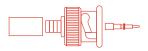
4284 CT/ 4184 CT Crimps 3M SC and S ber optic connectors to .120", .137" or .190' round. 4100-84 Die Set only

99

#### 4285 CT/ 4185 CT Crimps Amphenol

SC and S ber optic connectors to .137" or .190" 4100-41 Die Set only





#### COAXIAL



4266 CT/ 4166 CT Crimps center pin to .042" square or .068" hex, RG58 ferrule to .213" hex and RG59 ferrule to .255" hex on plenum coaxial . cable. 4100-66

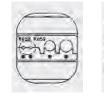
Die Set only



4267 CT/ 4167 CT 4269 CT/ 4169 CT Crimps center pin Crimps center pin to .042" square or to .068", .080" or .068" hex, RG58 .100" hex and RG58 ferrule to .255" hex ferrule to .429" hex. and 8281 ferrule to 4100-69 .324" hex. Die Set only 4100-67 Die Set only



4270 CT / 4170 CT Crimps center pin to .092" hex and outer ferrule on N type thicknet RG8 to .412" hex. 4100-70 Die Set only



4276 CT / 4176 CT Crimps center pin to .044" or .050" square, RG58 ferrule to .206" round and RG59 ferrule (AMP connector) to .238" round. 4100-76 Die Set only



4278 CT/ 4178 CT Crimps center pin

to .100" or .128" hex and RG8 ferrule to .429" hex. 4100-78 Die Set only



4256 CT/ 4156 CT Crimps center pin to .042" square or .068" hex, certai ber optic connectors outer ferrules to .100" hex, RG174 ferrule to .178", RG58 ferrule to .213" hex and R59 ferrule to .255" hex. 4100-56 Die Set only



Crimps center pin to .042" square or .068" hex and small cable to .128", .151" or .178" hex. 4100-65 Die Set only

AUTOMOTIVE



#### CATV



4272 CT/ 4172 CT Crimps RG59 CATV connector to .324" hex and RG6 to .360" hex. 4100-72 Die Set only

#### ELECTRICAL | ELECTRONIC COMPACT 2100 SERIES CRIMP TOOLS



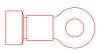
## Compact Crimp Tool frame only

#### 2100 Series

- Comes with die mounting screws
- Easily customized with 15 di erent die sets
- Ideal for terminating small to medium size wire or cable
- Compact design is efficient particularly in limited access areas
- Multi-purpose frame designed and manufactured to exacting speci cations
- Molded grips and easy-reach jaws minimize user fatigue
- Fine blanked, high-carbon steel for the ultimate in quality and durability
- Single mounting screw per die makes changing between applications quick and easy
- 50,000 cycles rating
- Tool length 7 5/8"

#### Application and Die Set Information

Compact 2100 Series Crimp Tools



## 2\_\_\_\_\_

INSULATED



2142 CT Crimps conductor and strain portion of insulated terminals and splices in a single action. Two cavities: Red 22–16 AWG & Blue 16–14 AWG. 2100-42 Die Set only



2182 CT Crimps 15 and 30 amp power pole connectors. "B" style crimps with indentor are produced in two cavities: (A) 20–16 AWG & (B) 16–12 AWG. 2100-82 Die Set only



WIRE FERRULE



2183 MCT Crimps insulated and non-insulated wire tip ferrules to ve metric sizes: 0,25-0,5 mm<sup>2</sup>, 0,75-1,5 mm<sup>2</sup>, 4,0 mm<sup>2</sup> and 6,0 mm<sup>2</sup> (28-10 AWG) 2100-83M Die Set only



#### **PIN & SOCKET**



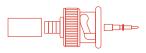
2186 CT Crimps commercial grade solid circular pins and sockets in three cavities: 20 AWG, 16 AWG and 12 AWG. 2100-86M Die Set only

10 Electrical | Electronic

#### Application and Die Set Information

**Compact 2100 Series Crimp Tools** 





#### D-SUB

COAXIAL



2124 CT Crimps high densitv D-subminiature pin and socket open barrel contacts. Built-in locator and wire stop properly orients the contact. Crimps "B" style oval conductor and insulator tabs in a single action. Two cavities: (A) 26-22 AWG & (B) 30-28 AWG. 2100-24 Die Set only

2127 CT

D-subminiature

open barrel

stop properly

Conductor and

meet OEM

speci

insulator crimps

tions

"B" style conductor

crimps and "oval"

produced in two

cavities: (Front) 30-26 AWG & (Rear) 24-20 AWG. 2100-27 Die Set only

style insulator

crimps are

Crimps

2151 CT Crimps center pin to .068" hex, RG58 ferrule to .213" hex terminals. Built-in and R59 ferrule to locator and wire .255" hex. 2100-51 orient the contact. Die Set only



2152 CT Crimps center pin to .068" hex, RG174 ferrule to .178" hex and 8281 ferrule to .324" hex. 2100-52 Die Set only



2153 CT Crimps center pin to .042" hex, RG58 ferrule to .213" hex and R59 ferrule to .255" hex. 2100-53 Die Set only



2154 CT Crimps center pin to .042" square or .068" hex, RG58 ferrule to .190" hex and RG59 ferrule to .213" hex on plenum coaxial cable. 2100-54 Die Set only



2164 CT

.324" hex.

Die Set only

2100-64

Crimps center pin

to .068" hex, RG59

ferrule to .255" hex

and 8281 ferrule to

# ¢ЮС

2165 CT Crimps center pin to .042" square or .068" hex, RG174 ferrule to .100" or .128" hex and RG174 ferrule to .178" hex. 2100-65 Die Set only

#### **FIBER OPTIC**



2175 CT Crimps outer ferrule on most SMA, SMB or SFB styl ber optic connectors to .151", .178" or .213" hex. 2100-75 Die Set only



2179 CT Crimps Amphenol SC and S ber optic connectors to .128", .151" or .178" hex. 2100-79 Die Set only



2184 CT Crimps 3M SC

and S ber optic connectors to .120", .137" or .190" round. 2100-84 Die Set only

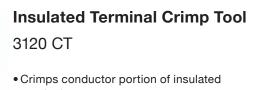
> NOTE Refer to the Coaxial Tool Selection Chart on page 46 to nd more coaxial tool options.

> > 11

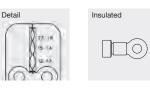
#### ELECTRICAL | ELECTRONIC 3100 SERIES CRIMP TOOLS

- · Fully machined and heat treated crimp cavities
- $\cdot$  Full cycle mechanism that assures consistent crimps
- · Precise engineering for specific applications
- · Ratcheting for positive performance





terminals • Three cavities: 22–16 AWG (Red), 16–14 AWG (Blue) & 12–10 AWG (Yellow)









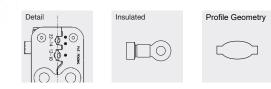
Non-Insulated Terminal Crimp Tool	
3125 CT	
<ul> <li>Crimps non-insulated terminals and splices</li> </ul>	

• Three cavities: 22-16 AWG (Red), 16-14 AWG (Blue) & 12-10 AWG (Yellow)





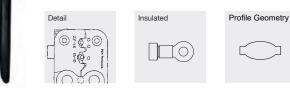
- Crimps conductor and strain relief portion of insulated terminals and butt splices
- Crimps in one tool closure
- Three cavities: 22–16 AWG (Red),
- 16–14 AWG (Blue) & 12–10 AWG (Yellow) • Includes built-in locator and wire-stop



Insulated Terminal Crimp Tool with Extended Handle

3145 CT

Same as 3140 CT with extended handleHandle length 11" for extra leverage



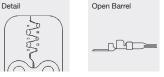
#### ELECTRICAL | ELECTRONIC OPEN BARREL CONTACTS



#### Open Barrel Terminal Crimping Tool

#### 3128 CT

- Crimps a wide variety of open barrel contacts, medium size wire
- Crimps conductor and insulation contacts in separate cavities. Tool must be closed twice to complete crimp.
- "B" type insulation crimps in two cavities: (B) 18-14 AWG & (D) 24-20 AWG
- "B" type conductor crimps in three cavities: (A) 16-14 AWG, (C) 20-18 AWG & (E) 24-22 AWG



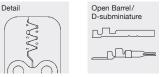




#### Open Barrel Terminal Crimping Tool 3126 CT

126 CT

- Crimps a wide variety of open barrel contacts, including D-subminiature
- Crimps conductor and insulation contacts in separate cavities. Tool must be closed twice to complete crimp.
- "Oval" type insulation crimps in two cavities: (B) 20-16 AWG & (D) 30-22 AWG
- "B" type conductor crimps in three cavities: (A) 18–16 AWG, (C) 22–20 AWG and (E) 30–24 AWG
- Includes built-in locator and wire-stop



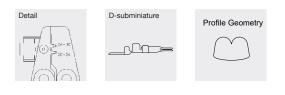
/	Profile Geometry
ture	$\bigcirc$
	$\bigcirc$



#### **D-Subminiature Crimp Tool**

#### 1027 CT

- Crimps D-subminiature pin and socket open barrel contacts
- Locator and wire stop properly orient the contact during crimping
- Conductor and insulation crimp are produced in one tool closure
- Conductor crimps are "B" type, insulation crimps are "oval" type
- Two cavities: 30 26 AWG & 24 20 AWG



#### ELECTRICAL | ELECTRONIC 6500 SERIES THRIFT CRIMP TOOLS

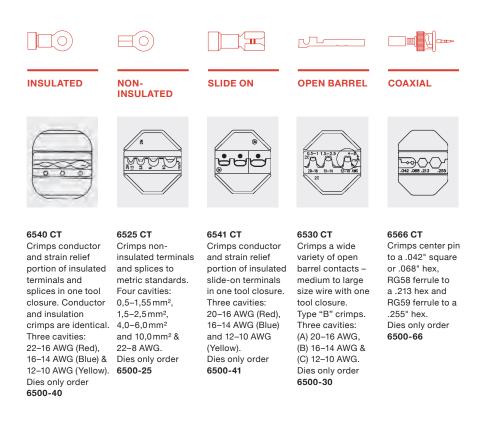


#### Thrift Crimp Tools with Interchangeable Jaws

#### 6500 Series

- 6500 Frame Assembly only can be ordered separately
- All 6500 Series tools feature full cycle ratcheting for consistent terminations and an easily accessible ratchet release mechanism
- All crimps to industry standards
- Die Sets are interchangeable and swap out with a screwdriver
- Tool length 8 ½"

#### **Application and Die Set Information** 6500 Series Thrift Crimp Tools



**NOTE** Refer to the Coaxial Tool Selection Chart on page 46 to nd more coaxial tool options.

#### ELECTRICAL | ELECTRONIC CUTTERS & WIRE WORX



#### Quick-Cut Radial Conduit Cutter

#### 9504 QC

- Cuts 1/2" and 3/4" HDPE Thin Wall conduit (SDR 9, SDR 11, SDR 13.5, SDR 15.5, SDR 17, SCH 40 & 1/2" and 3/4" Flex Plus Blue)
- Cut exible non-metallic tubing conduit
- Fits in tight spaces only 41/4" long
- Blade lasts for thousands of cuts
- Eliminates deburring

#### Easy to Use

- 1-Push tube into cutting chamber
- 2-Rotate cutter in direction of arrow
- 3-Squeeze handles and remove tube



#### Wire-Worx Multi Purpose Tool for Soft Copper Wire

#### 8650 WW

- Patent pending
- Tough glass- lled nylon construction
- Small enough to carry it in your pocket, long enough for excellent leverage
- Terri c for speeding up installation of electrical outlets, switches, junction boxes, lighting and more
- Reduces wear and tear o ngers and knuckles

#### Features

- Wire cap connector (3 sizes)
- Closing latch
- Wire gage identi er (10-18 gage)
- Stripper for solid wire (10-18 gage)
- Stripper for stranded wire (10-20 gage)
- Cutter for solid wire (10-18 gage)
- Cutter for stranded wire (10-20 gage)
- Wire bender for outlets and switches (12-14 gage)
- Wire twister for prep
- (2 or 3 wires, 12 and 14 gage)
- Strip length gage 5/16", 3/8", 7/16", 1/2"
  Non-metallic jacket slitter
- Non-metallic jacket sitte



#### Multi Function Electrical Crimper, Stripper, Wire & Bolt Cutter

#### 1020 CT

#### Cutters

- Two cutters
- Anvil type nose cutter conveniently up front for tight spaces
- Scissor type cutter located behind the pivot point minimizes distortion when cutting stranded wire

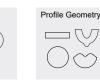
#### Crimps

- Crimps automotive "F" type ignition terminals 7–8mm size in one cavity
- Crimps conductor portion of insulated terminals and splices.
- Crimps RED 22-16 AWG BLUE 16-14 AWG and YELLOW 12-10 AWG
- Crimps non-insulated terminals and splices

#### Strips

- Precision ground scissor type wire stripper provides a clean nick free strip on 8 AWG solid to 22 AWG stranded
- Cavities are marked by wire sizes and "solid" or "stranded"







are marked by wire size

CATV |SATELLITE

CABLE PREP | STRIP TOOLS

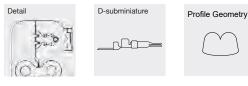
#### ELECTRICAL | ELECTRONIC OEM CONNECTOR MANUFACTURER COMPATIBLE TOOLS



#### D-Subminiature Pins and Sockets (AMP 90312)

3127 CT

- The conductor and insulator crimps are produced in one closure
- Crimps conform to OEM speci cations
- Conductor crimps are "B" type
- Insulated crimps are "oval" type
- Two cavities: 28-24 AWG & 24-20 AWG
- Easy load locator and wire stop orient pins and sockets during crimping adding reliability to the crimp





#### Multimate Connector Pins and Sockets (AMP 90277)

3131 CT

- The conductor and insulator crimps are produced in one closure
- Crimps conform to OEM speci cations
- Conductor crimps are "B" type
- Insulated crimps are "oval" type
- Three cavities: 28-24 AWG, 24-20 AWG & 18-16 AWG
- Easy load locator and wire stop orient pins and sockets during crimping adding reliability to the crimp

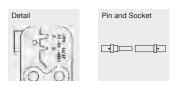




#### .093 Power Pins and Sockets (Molex 1031E)

3132 CT

- The conductor and insulator crimps are produced in one closure
- Crimps conform to OEM speci cations
- Conductor crimps are "B" type
- Insulated crimps are "oval" type
- Two cavities: 24-20 AWG & 18-16 AWG
- Easy load locator and wire stop orient pins and sockets during crimping adding reliability to the crimp





Profile Geometry



## .062 Power Pins and Sockets (Molex 1719C)

3133 CT

- The conductor and insulator crimps are produced in one closure
- Crimps conform to OEM speci cations
- Conductor and insulator crimps are "B" type
- Two cavities: (A) 18 AWG & (B) 24-20 AWG
- Easy load locator and wire stop orient pins and sockets during crimping adding reliability to the crimp



#### **Terminal Manufacturers**

OEM TOOL MODEL	SARGENT TOOL NUMBER
AMP 90277	3131 CT
AMP 90312	3127 CT
Molex 1031E	3132 CT
Molex 1719C	3133 CT
Molex 2262	3134 CT
Molex 2262A	3135 CT
Molex 2445A	3136 CT
Raychem AD 1377	3137 CT



#### **.100 Interconnection System Crimp Terminals (Molex 2262)** 3134 CT

- The conductor and insulator crimps are produced in one closure
- Crimps conform to OEM speci cations
- Conductor and insulator crimps are "B" type
- Two cavities: (A) 30-28 AWG & (B) 26-24 AWG



- The conductor and insulator crimps are produced in one closure
- Crimps conform to OEM speci cations
- Conductor and insulator crimps are "B" type
- Two cavities: (A) 30-28 AWG & (B) 26-24 AWG



Molex Pin

Jure

 $\bigcirc$ 

Profile Geometry





#### .156 Interconnection System Crimp Terminals (Molex 2445A)

#### 3136 CT

- The conductor and insulator crimps are produced in one closure
- Crimps conform to OEM speci cations
- Conductor and insulator crimps are "B" type
- Two cavities: (A) 26-22 AWG & (B) 30-24 AWG
- Easy load locator and wire stop orient pins and sockets during crimping adding reliability to the crimp

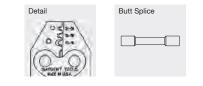
Detail	Molex Pin	Profile Geometry
		$\bigcirc$



## Commercial Grade Butt Splices (Raychem AD 1377)

#### 3137 CT

- Crimps conform to OEM speci cations
- Three cavities: 26-20 AWG (Red), 20-16 AWG (Blue) & 16-12 AWG (Yellow)
- Easy load locator orients the butt splice during crimping adding reliability to the crimp





Profile Geometry

## CATV | SATELLITE

Compression Drop Tools Crimp Tools



# CABLE PREP | STRIP TOOLS

CATV | SATELLITE

#### CATV | SATELLITE COMPRESSION DROP TOOLS

- $\cdot$  Compression Drop Tools for male "F" coaxial cable compression connectors
- $\cdot$  Heads rotate to quickly switch between RG6/59 and RG11/7 applications
- $\cdot$  Hardened steel construction, black oxide finish, ergonomic color coded grips
- · Choose among four different models according to your application and design preference



SAR Series Compression Tool
SAR-300 US

For PPC EX and Aquatight "F" connectors

- Superior mechanical advantage
- Patented handle design
- Front-load design is ideal for con ned areas





## SAR Series Compression Tool

SAR-300 CS

• For PPC EX and Aquatight "F" connectors

- Clam shell design
- Patent pending



CATV Connector



#### SAR Series Compression Tool SAR-200 US

- For PPC EXXL, CMP and Aquatight; Belden Snap-N-Seal; Corning Gilbert UltraShield, UltraRange and UltraEase; Arris-Digicon "F" Connectors
- Superior mechanical advantage
- Patented handle design
- Front-load design is ideal for con ned areas





#### SAR Series Compression Tool SAR-200 CS

- For PPC EXXL, CMP and Aquatight; Belden Snap-N-Seal; Corning Gilbert UltraShield, UltraRange and UltraEase; Arris-Digicon "F" Connectors
- Patent pending



INDUSTRIAL

#### CATV | SATELLITE **COMPRESSION DROP TOOLS**

- Compression Drop Tools for male "F" coaxial cable compression connectors
- · High mechanical advantage reduces force during connector compression minimizing user fatigue
- · Front loaded design provides easy access in M.D.U. enclosures and wall plates
- · High carbon steel parts are heat treated for longevity of operation
- Handle grips are ergonomically designed for durability
- · Steel models conservatively rated at 25,000 cycles on high load connectors



Uni-Seal Compression Drop Tool
8800 Series

PCT TRS Series G, PPC EX Series F

Stirling

• RG6/59

MODEL

8800 US

8810 US

8820 US

Coaxial Connector

	-
APPLICATION	
Belden, Gilbert, PPC EXXL, PCT DRS, etc.	

#### **Uni-Seal Compression Drop Tool**

9000 Series

 Moveable yoke for quick changing between RG6/59 and RG11/7

MODEL	APPLICATION
9000 US	Uni-Seal Drop Tool - Belden Pro-Gen, SnS, EXXL, Corning Gilbert Ultra Seal, Antec Digicon
9010 US	Uni-Seal Drop Tool - Belden EX, PCT TRS





#### 360° Uni-Seal Compression **Drop Tool**

9030 Series

- RG6/59 & RG11/7
- Spring-loaded cable positioners provide 360° support against connector assuring uniform compression and eliminating faulty connections

MODEL	APPLICATION
9030 US	360° Combo Compression Tool RG6/59 & RG11/7 - Belden EX, PCT TRS
9035 US	360° Combo Compression Tool RG6/59 & RG11/7

Coaxial Connector





#### **Uni-Seal Combination Stripper** and Compression Drop Tool

9800 Series

• RG6/59

• Spring loade nger loop handle opens the stripping chamber and applies pressure to cable

MODEL	APPLICATION
9800 US	RG6/59
9810 US	RG6/59 Stirling, SPL
9820 US	RG6/59 PPC EX





#### CATV | SATELLITE 3100 SERIES CRIMP TOOLS



#### Coaxial Cable Connector Crimp Tool

3150 CT

Crimps RG6 connectors to .384" hexCrimps RG59 connectors to .324" or .262" hex



Profile Geometry





#### Coaxial Cable Connector Crimp Tool

3151 CT

• Crimps center pin to .068" hex, RG58 ferrule to .213" hex and RG59 ferrule to .255" hex

Coaxial

**Crimp Tool** 

3162 CT

Profile Geometry



**Coaxial Cable Connector** 



Coaxial Cable Connector Crimp Tool

#### 3161 CT

- Crimps RG6 universal ribbed connectors to .360" hex
- Crimps RG59 connectors to .324" hex



Profile Geometry





Profile Geometry

INDUSTRIAL

**NOTE** Refer to the Coaxial Tool Selection Chart on page 46 to nd more coaxial tool options.

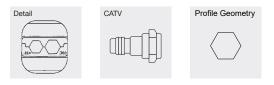
#### CATV | SATELLITE 4100 AND 4200 SERIES CRIMP TOOLS



#### Connector Crimp Tool RG59 & RG6

#### 4172 CT

- Crimps the RG59 ferrule on CATV connectors to a .324 hex and the RG6 to a .360 hex
- A multi-purpose frame manufactured to exacting speci cations to accept interchangeable dies
- Molded grips and an easy reach frame to minimize user fatigue
- Reamed bearing holes, centerless ground pivots and heat treated working components
- Positive ratcheting assembly with emergency release
- Conservatively rated tool life of 50,000 cycles
- Crimps that meet or exceed U.L. tensile requirements

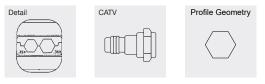




#### Connector Crimp Tool RG59 & RG6

4272 CT

- Crimps the RG59 ferrule on CATV connectors to a .324 hex and the RG6 to a .360 hex
- A multi-purpose frame manufactured to exacting speci cations to accept interchangeable dies
- Molded grips and an easy reach frame to minimize user fatigue
- Reamed bearing holes, centerless ground pivots and heat treated working components
- Positive ratcheting assembly with emergency release
- Conservatively rated tool life of 50,000 cycles
- Crimps that meet or exceed U.L. tensile requirements





## Super Crimp System Coax Kit

#### TK 4150

The Super Crimp System includes a 4100 Series Tool Frame, a selection of four interchangeable die set for the most popular cable groups and a 8300 Easy Strip tool. All components are conveniently arranged in a durable plastic storage case.

#### Includes

- 4100 Super Crimp frame with two mounting screws for easy die set change over
- All dies interlock to provide precise alignment
   and crimping
- Die Sets: 4100-65, 4100-66, 4100-67 and 4100-69 fo ber optic and coax applications
- The 8300 Easy Strip provides two and three level RG58, RG59 and RG62 coax cable stripping

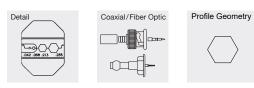
#### CATV | SATELLITE 6500 SERIES CRIMP TOOLS | COMPOUND ACTION CRIMP TOOL





6566 CT

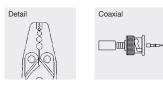
- Crimps center pin to a .042" square or .068" hex, RG58 ferrule to a .213 hex and RG59 ferrule to a .255" hex
- Dies only order 6500-66

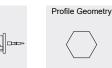




#### Coaxial Cable Crimp Tool 1056 CT

• Crimps center pin to a .042" square or .068" hex, RG58 ferrule to a .213" hex and RG59 ferrule to a .255" hex





ELECTRICAL | ELECTRONIC

23

## **CABLE PREPARATION | STRIP TOOLS**

Multi-Tasker Cartridge Strippers Easy-Strip Cartridge Strippers Tele-Strip UTP Strippers STUBBY Cartridge Strippers for Tight Spots Quad-Strippers



INDUSTRIAL



Product shown: 8175 MT

#### Multi-Tasker **Cartridge Stripper**

#### 8100 MT Series

- Two in-use cartridges for the ultimate in wire prep convenience
- · Both cartridges are useable at any time
- Can be set up for RG6/59 and RG11/7; switch between the two without replacing cartridges
- Larg nger loop for easy rotation
- Third cavity holds one replacement cartridge
- Long life cutting blade with preset height cuts without cutting the braid or nicking the conductor
- · Cartridges are compatible with other SARGENT<sup>®</sup> strippers
- One piece construction body features patented molded-in living hinge

MODEL APPLICATION	MODEL	APPLICATION
-------------------	-------	-------------

MODEL	APPLICATION
8105 MT	RG6/59 & RG6/59
8120 MT	RG6/59 & RG11/7
8140 MT	RG6/59 & UTP (CAT5, CAT5e, CAT6)
8145 MT	RG6/59, RG11/7 & UTP UTP (CAT5, CAT5e, CAT6)
8170 MT	RG6/59 & Mini-Coax RG174
8175 MT	RG6/59, Mini-Coax RG174 & UTP (CAT5, CAT5e, CAT6)
8185 MT	RG6/59 & RG6/59 EZF



#### **Replacement Cartridges for SARGENT®** Wire Prep Tools

Color coded replacement cartridges are available for the full line of SARGENT® wire prep tools. These cartridges allow quick and easy customization.

PART #	10 PACK	APPLICATION
8700-00	8700 RB	RG6/59 Stripper (1/4" × 5/16") – Black
8700-10	8710 RB	RG11/7 Stripper (1/4" × 5/16") – Gray
8700-15	8715 RB	UTP Cut-Off (CAT5, CAT5e, CAT6) – Red
8700-25	8725 RB	
8700-30	8730 RB	UTP Stripper (CAT5, CAT5e, CAT6) – Blue
8700-50	8750 RB	RG58/59 3-level (.312"/.109") – Brown
8700-60	8760 RB	RG58/59 3-level (.235"/235") – Green
8700-70	8770 RB	Mini Coax Stripper 2 level – Green

#### Easy-Strip **Cartridge Stripper** 8700 Series

Product shown 8720 ES



- SARGENT® radial cutting action is the industry standard
- · Second cavity holds one replacement cartridge
- Cartridges are compatible with other SARGENT<sup>®</sup> strippers
- Long life cutting blade with preset height cuts without cutting the braid or nicking the conductor

8700 ES	RG6/59 CATV
8710 ES	RG11/7 CATV
8720 ES	RG6/59 & RG11/7
8730 ES	UTP (CAT5, CAT5e, CAT6)
8740 ES	RG6/59 & UTP (CAT5, CAT5e, CAT6)
8750 ES	RG58/59
8760 ES	RG58/59 3-level (.235/.235) 1 Cartridge
8770 ES	RG58/59 & Mini-Coax RG174 2 Cartridges
8780 ES	Mini-Coax & Cut-Off of Copper Center Conductor
8790 ES	Mini-Coax RG174 & UTP (CAT5, CAT5e, CAT6)

#### **NOTE** Refer to Cable Preparation/Strip Tool Selection Chart on page 46 t nd more cable prep/strip tool options.

#### CABLE PREPARATION | STRIP TOOLS **CABLE PREPARATION | STRIP TOOLS**



#### Easy-Strip Coax Cable Prep **Tools Stripper**

#### 8200

- Two cavities: for RG6/59
- Long life cutting blades
- Strip and slit lengths can be varied to depending on the application
- Multiple nest cavities for removal of a wide variety of jacket materials.
- Unique "V" blade design prevents nicking of center conductor
- Living hinge exerts consistent cutting pressure



#### Easy-Strip Coax Cable Prep **Tools Stripper**

#### 8300

- Three cavities: for RG59/58 and RG62
- Long life cutting blades
- Strip and slit lengths can be varied to depending on the application
- Multiple nest cavities for removal of a wide variety of jacket materials.
- Unique "V" blade design prevents nicking of center conductor
- Living hinge exerts consistent cutting pressure
- Conductor cut removes jacket, braid and insulator
- · Braid cut removes jacket and braid only

**STUBBY Cartridge Stripper** 

for Tight Spots

8500 Series



Product shown: 8400

## Tele-Strip UTP Stripper

#### 8400 Series

• 8400 and 8450 Strip and slit UTP (CAT5, CAT 5e & CAT6) 8400 opposing blades also strip flat cable APPLICATION MODEL

MODEL	APPLICATION		
8400	UTP (CAT5, CAT5e, CAT6) & Flat Cable		
8450	UTP (CAT5, CAT5e, CAT6)		



Product shown: 8500 S

- Strips coax in MDU boxes, wall plates and most tight spots
- Spins around just like a screwdriver
- Don't call for a rewire or cut drywall to move the box, let STUBBY squeeze in
- Customize your STUBBY with standard SARGENT® stripper cartridges
- STUBBY goes where no stripper has gone before

MODEL	APPLICATION
8500 S	RG6/59 CATV
8530 S	UTP (CAT5, CAT5e, CAT6)





#### **Quad-Stripper**

#### 8600 Series

- Order Quad-Stripper out tted with the cartridges that meet your speci c applications or order cartridges separately
- Up to eight cable and wire prep operations with one tool
- Replaceable cartridges makes customization a snap
- Spring maintains precise cutting and stripping tension
- Patented
- On Quad-Stripper back CATV connector nest for safe, reliable and easy cable end insertion

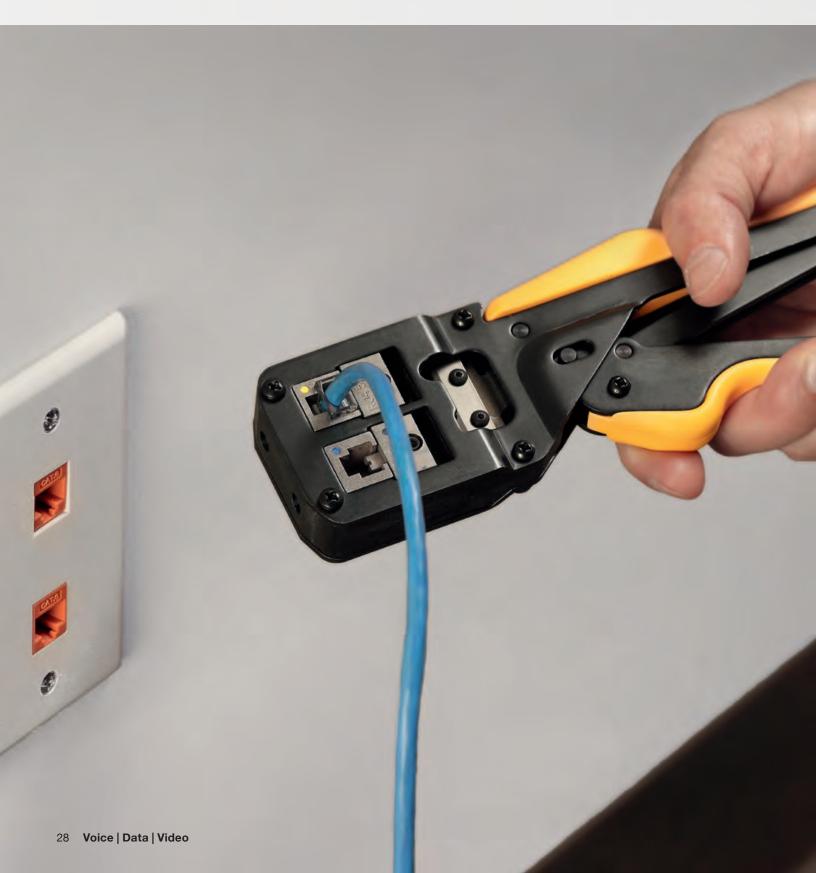
#### **Cartridges & Foil Blades for Quad Stripper**

Quad Stripper	8700-00 RG6/59 Stripper Black*	8700-10 RG11/7 Stripper Gray*	8700-15 CAT 5&6 Cutter Red	8700-25 RG6/59 Cutter Orange	8700-30 UTP Stripper Blue	8700-70 Mini Coax Stripper Green*	8600-RB Foil Blade RG6/59	8600-RB Foil Blade RG11/7
Strip profile with various cartridges		-1 - 505- 	Cut-Off	tup to 2"	Strip Length Varies by Agylication	H H we		
8640 QS	2	2					1	1
8641 QS	2			2			1	
8642 QS	2	1		1			1	1
8643 QS	3			1			1	
8644 QS	2			1		1	1	
8645 QS	1		1	1	1		1	
8646 QS			2		2			
8647 QS	1	1		1	1		1	1

Numbers in this chart refer to the quantity of the cartridge or blade include with the Quad Strippers listed in the left column. \* Black, gray and green cartridges must be in outermost nest to maximize stripping performance.

## **VOICE | DATA | VIDEO**

Modular Plug Crimp Tools Coax Crimp Tools



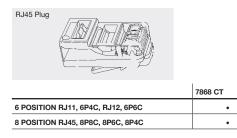
#### VOICE | DATA | VIDEO MODULAR PLUG CRIMP TOOLS



#### Dual Chamber Modular Plug Crimp Tool

#### 7868 CT Series

- Crimps RJ11/RJ12 6-position and RJ45 8-position modular plugs
- Front-load design is ideal for crimping in con ned areas
- Durable all metal construction with comfort grips for easy crimping
- Color coded interchangeable dies are keyed together to guarantee precise alignment
- Notched strain relief pushers mate precisely with strain relief latches allowing them to engage properly without damage
- Cuts and strip at oval cable
- Replaceable blade cuts UTP cable and strips UTP jacket
- Compound action produces high crimping forces with minimum hand pressure



#### Replacement Parts for 7868 CT Dual Modular Plug Tools

REPLACEMENT DIES	APPLICATION
7100-06	RJ11/RJ12 6 position
7100-08	RJ45 8-position

#### REPLACEMENT BLADE

7868 CTRB

#### VOICE | DATA | VIDEO MODULAR PLUG CRIMP TOOLS



#### Modular Plug Crimp Tool

7100 Series

- Full cycle action assure consistent terminations
- Stripping feature incorporates two strip length stops to assure preps are made to industry standards
- Compound action produces high crimping force with minimum hand pressure

## RJ45 Plug



## Modular Plug Crimp Tool

#### 7500 Series

- These tough crimpers include easy access cutting and stripping functions
- Full cycle action assures consistent terminations and release lever prevents faulty crimps
- Compound action produces high crimping force with minimum hand pressure
- Interchangeable color coded dies are keyed together to guarantee perfect alignment

RJ45 Plug



#### **Application information**

#### 7100 and 7500 Series

	7104 CT 7504 CT	7106 CT 7506 CT	7108 CT 7508 CT	7110 CT 7510 CT
4 POSITION RJ22, 4P4C	•			
6 POSITION RJ11, 6P4C, RJ12, 6P6C		•		
8 POSITION RJ45, 8P8C, 8P6C, 8P4C			•	
10 POSITION (RJ50) 10P10C				•

7100 SERIES MODEL	7500 SERIES MODEL	DIE SET	APPLICATION
7104 CT	7504 CT	7100-04	RJ22 4-position
7106 CT	7506 CT	7100-06	RJ11/RJ12 6 position
7108 CT	7508 CT	7100-08	RJ45 8-position
7110 CT	7510 CT	7100-10	10 position
7100 CS	7100 CS	7100 CS	Replacement Blade





#### Modular Plug Crimp Tool Kit

#### TK 7100

#### Includes

- 7100 Modular Plug Frame
- 7100-04 RJ22 Die Set
- 7100-06 RJ11/RJ12 Die Set
- 7100-08 RJ45 Die Set
- 7100-10 10 Position Die Set
- Handy carrying case

#### VOICE | DATA | VIDEO COAX CRIMP TOOLS



#### Coax Connector Crimp Tool frame only

#### 4100 Series

- A multi-purpose frame manufactured to exacting speci cations to accept interchangeable dies
- Molded grips and an easy reach frame
- Reamed bearing holes, centerless ground pivots and heat treated working components
- Positive ratcheting assembly with emergency release
- Tool life of 50,000 cycles
- Crimps that meet or exceed U.L. tensile requirements
- Tool length 9<sup>1</sup>/<sub>2</sub>"
- Uses 4100 Series die sets

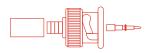


#### **Coax Connector Crimp Tool** frame only

#### 4200 Series

- A multi-purpose frame manufactured to exacting speci cations to accept interchangeable dies
- Crimps the center pin to a .042 square or .068 hex and the ferrule on small cable to a .128, 151 or 178 hex
- Molded grips and an easy reach frame
- · Reamed bearing holes, centerless ground pivots and heat treated working components
- Positive ratcheting assembly with emergency release
- Tool life of 50,000 cycles
- · Crimps that meet or exceed U.L. tensile requirements

#### **Die Set and Application Information**



#### COAXIAL



4256 CT/ 4156 CT Crimps center pin to .042" square or .068" hex, certai ber optic connectors outer ferrules to .100" hex, RG174 ferrule to .178". RG58 ferrule to .213" hex and R59 ferrule to .255" hex. 4100-56 Pinned Die Set only



4100-65

4265 CT / 4165 CT 4266 CT/ 4166 CT Crimps center pin Crimps center pin to .042" square or to .042" square or .068" hex and small .068" hex, RG58 cable to .128", .151" ferrule to .213" hex and RG59 ferrule or .178" hex. to .255" hex on Die Set only plenum coaxial cable. 4100-66





4267 CT / 4167 CT Crimps center pin to .042" square or .068" hex, RG58 ferrule to .255" hex and 8281 ferrule to .324" hex. 4100-67 Die Set only



4269 CT / 4169 CT Crimps center pin to .068", .080" or .100" hex and RG58 ferrule to .429" hex. 4100-69 Die Set only



4270 CT/ 4170 CT Crimps center pin to .092" hex and outer ferrule on N type thicknet RG8 to .412" hex. 4100-70 Die Set only



4278 CT/ 4178 CT

Crimps center pin to .100" or .128" hex and RG8 ferrule to .429" hex. 4100-78 Die Set only

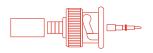


#### **Compact Crimp Tool** frame only

#### 2100 Series

- · Interlocking die sets are easily interchanged with mounting screws on most applications
- Easily customized with 18 di erent die sets
- Ideal for terminating small to medium size wire or cable
- · Compact design is efficient particularly in limited access areas
- Multi-purpose frame designed and manufactured to exacting speci cations
- · Molded grips and easy-reach jaws minimize user fatigue
- Fine blanked, high-carbon steel for the ultimate in quality and durability
- Single mounting screw per die makes changing between applications quick and easy
- 50,000 cycles rating
- Tool length 7 5/8"

#### Application and Die Set Information



#### COAXIAL



#### 2151 CT

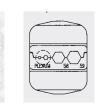
Crimps center pin to .068" hex, RG58 ferrule to .213" hex and R59 ferrule to .255" hex. 2100-51 Die Set only



2152 CT

2100-52

2153 CT Crimps center pin Crimps center pin to .068" hex, RG174 to.042" hex, RG58 ferrule to .178" hex ferrule to .213" hex and 8281 ferrule to and R59 ferrule to .324" hex. .255" hex. 2100-53 Die Set only Die Set only



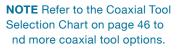
2154 CT Crimps center pin to .042" square or .068" hex, RG58 ferrule to .190" hex and RG59 ferrule to .213" hex on plenum coaxial cable. 2100-54 Die Set only



2164 CT Crimps center pin to .068" hex, RG59 ferrule to .255" hex and 8281 ferrule to 324" hex 2100-64 Die Set only

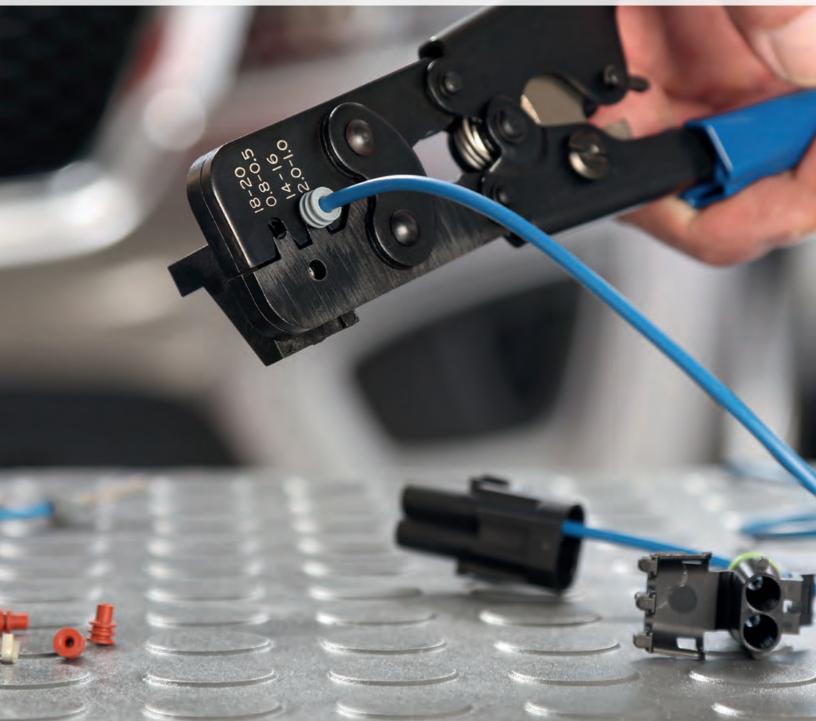


2100-65 Die Set only



## AUTOMOTIVE

Weather Pack Crimp Tools Metri-Pack, Micro-Pack & GT Crimp Tools Terminal Repair Crimp Tools & Tool Kit Power Crimp Tools Battery Connectors, Lug & Terminal Crimp Tools



### **AUTOMOTIVE** WEATHER PACK CRIMP TOOLS



#### Weather Pack Terminals Crimp Tool, short handle 3138 CT

• 20-18 AWG & 16-14 AWG • Ratcheted for positive performance

Weather Pack Terminals

Crimp Tool, long handle











ELECTRICAL | ELECTRONIC

#### 3183 LCT •20-14 AWG & 16-14 AWG Includes locator to orient contacts • Same as GM 12014254 Detail Terminal Profile Geometry D 16-20 ഹ് Ew D14-16

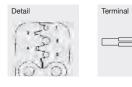


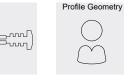
#### Weather Pack Terminals 20–14 AWG Crimp Tool

## 3186 CT

 Five Cavities • Ratcheted for positive performance

• Same as GM 12085270





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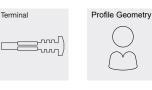


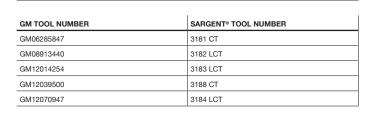
#### **Weather Pack Terminals** 20–14 AWG Crimp Tool

3301 WPCT

- One tool for crimping terminal core wings and seal wings
- · Separate cavities for precise crimping (14-16 AWG & 18-20 AWG)
- Included in Terminal Repair Kit 3330 TRK





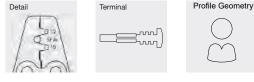




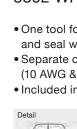
## **Weather Pack Terminals** 12–10 AWG Crimp Tool

3302 WPCT

- One tool for crimping terminal core wings and seal wings
- Separate cavities for precise crimping (10 AWG & 12 AWG)
- Included in Terminal Repair Kit 3330 TRK



GM TOOL NUMBER	SARGENT® TOOL NUMBER
GM12071687	3185 CT
GM12085115	3190 CT
GM12085270	3186 CT
GM12085271	3187 CT
GM12155975	3189 CT







#### AUTOMOTIVE METRI-PACK, MICRO-PACK & HEAT SHRINK CONNECTORS

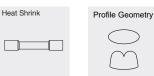


## Circular Contact Sealed

Splices +

- 3104 DSCT
- Same as GM 12085115
- Ratcheted crimp tool
- Crimp Metri-Pack unsealed terminals and heat shrink splices and "C" clips





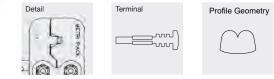
Profile Geometry



## Metri-Pack Unsealed Crimp Tool

3184 LCT

- Core & insulation wings crimped in single motion
- Spring loaded clip holds and positions terminal
- Same as GM 12070947





## Metri-Pack Packard Style Crimp Tool

3185 CT

 Crimps Metri-Pack 480 & 630 sealed connectors

Terminal

Juu

w

- 10TRK12 AWG
- Same as GM 12071687



#### Metri-Pack 280 Unsealed Crimp Tool

3187 CT

Five cavities

Detail

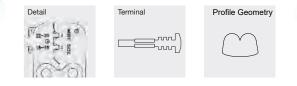
- •22 12 AWG
- Same as GM 12085271



## Metri-Pack Sealed & Unsealed

3188 CT

- Crimps Core and Insulation
- Ratcheted for positive performance
- Built-in locator to orient contacts
- Same as GM 12039500



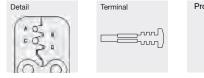


#### Metri-Pack 150 & 280 Sealed Terminal Crimp Tool 3189 CT

Terminal

Juu

- Same as GM 12155975
- •20-14 AWG
- Core and seal are crimped in two separate motions



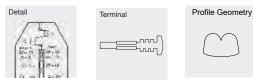


Profile Geometry



## Heat Shrink, Splice & "C" Clips Ratchet Crimp Tool 3190 CT

- Same as GM 12085115
- Ratcheted crimp tool
- Crimp Motri Pook upor
- Crimp Metri-Pack unsealed terminals and heat shrink splices

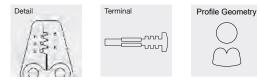




## Metri-Pack Packard Style Crimp Tool

#### 3303 64CT

- Crimps Micro-Pack .64, 100 & 100W and GT 630 terminals
- Crimps core and/or insulation wings depending on terminal
- Included in Repair Kit 3330 TRK





# Metri-Pack, Micro-Pack & GT Unsealed Crimp Tool

- 3305 MPCT
- Crimps Metri-Pack 150, 280, 480, & 630; Micro-Pack .64 & 100 and GT 150, 280 & 630 terminals

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Included in Repair Kit 3330 TRK



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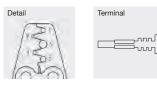




## Metri-Pack, Micro-Pack & GT Sealed Crimp Tool

## 3306 MPCT

- Crimps Metri-Pack 150, 280, 480, & 630; Micro-Pack .64 & 100 and GT 150, 280 & 630 terminals
- Included in Repair Kit 3330 TRK







## Automotive Terminal Repair Crimp Tool Kit

#### 3330 TRK

#### Five terminal crimping tools cover

- Weather Pack 20, 18, 16, 14, 12 & 10 AWG terminals
- Micro-Pack .64, 100 & 100W and GT 150, 280 & 630 terminals
- Metri-Pack 150, 280, 480 & 630

#### Includes

- 3301 WPCT Weather Pack Terminals 20–14 AWG Crimp Tool
- 3302 WPCT Weather Pack Terminals 12–10 AWG Crimp Tool
- 3303 64CT Micro-Pack .64 mm Contact Crimp Tool
- 3305 MPCT Metri-Pack Unsealed Crimp Tool
- 3306 MPCT Metri-Pack Sealed Crimp Tool
- Terminal Repair Manual, 32 Pages:
- OEM terminal number/tool number matrix
   Detailed terminal replacement and quality check procedures

INDUSTRIAL

AUTOMOTIVE

#### AUTOMOTIVE **TERMINAL REPAIR CRIMP TOOLS**



## **Open Barrel Contact** Crimp Tool

1026 CT

- Crimps a wide variety of open barrel contacts in small size wire ranges
- "Oval" type insulation crimps are produced in two cavities: A 20-16 AWG and B 30-22 AWG
- "B" type conductor crimps are produced in three cavities: C 18-16 AWG, D 22-20 AWG and E 30-24 AWG







## **B** Type Medium Size Wire Crimp Tool

1028 CT

- Crimps a wide variety of open barrel contacts in medium size wire ranges.
- Insulation crimps are "B" type and are produced in two cavities: A 18-14 AWG and B 24-20 AWG
- · Conductor crimps are "B" type and are produced in three cavities: C 16-14 AWG, D 20-18 AWG and E 24-22 AWG





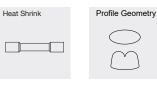
## Heat Shrink Sealed Splices

 $\nabla$ 

#### 3104 DSCT

- Same as GM 12085115
- Ratcheted crimp tool
- Crimp Metri-Pack unsealed terminals and heat shrink splices







## **Ratchet Conductor** Crimp Tool

#### 3120 CT

- Three cavities: Red 22-16 AWG, Blue 16-14 AWG & Yellow 12-10 AWG
- Crimps conductor portion of insulated terminals



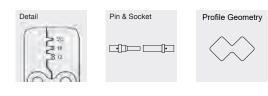


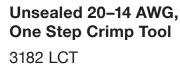




#### **Circular Contacts Ratchet Crimp Tool** 3107 DTCT

- Three cavities: 20, 16 & 12 AWG
- Ratcheted for positive performance





- Same as GM 08913440
- Crimps Packard 56, 58 & 59 Series connectors
- Core & insulation wings crimped in single motion
- Spring loaded clip holds and positions terminal











## Circular Contacts Super Crimp Tool

#### 2186 CT

- Crimps commercial grade solid circular pins and sockets in three cavities: 20, 16 & 12 AWG
- Fine blanked high carbon steel construction dies
- Jaws accept other dies for additional applications





## Power Crimp Tool

#### 6220 CT

- Crimps conductor portion of insulated and non-insulated terminals
- Four cavities: 8, 6, 4 & 2 AWG
- Cavities are identi ed by wire size and product type







Profile Geometry



#### Multi Function Electrical Crimper, Stripper, Wire & Bolt Cutter

#### 1020 CT

#### Cutters

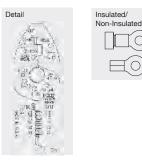
- Two cutters
- Anvil type nose cutter conveniently up front for tight spaces
- Scissor type cutter located behind the pivot point minimizes distortion when cutting stranded wire

#### Crimps

- Crimps automotive "F" type ignition terminals 7–8 mm size in one cavity
- Crimps conductor portion of insulated terminals and splices.
- Crimps Red 22-16 AWG, Blue 16-14 AWG & Yellow 12-10 AWG
- Crimps non-insulated terminals and splices

#### Strips

- Precision ground scissor type wire stripper provides a clean nick free strip on 8 AWG solid to 22 AWG stranded
- Cavities are marked by wire sizes and "solid" or "stranded"





## AUTOMOTIVE BATTERY LUG CRIMP TOOLS

- · Precision machined crimping cavities
- $\cdot$  No dies to move or switch
- · 19" tool length for maximum leverage and mechanical advantage
- · Ergonomic cushioned grips remain comfortable
- · Easy to adjust
- · Designed to exceed tensile strength requirements



#### **B-Crimp Tool for Lead-Free Open Barrel Terminals**

6225 CT

- · Positive contact and excellent durability
- OEM style crimp superior mechanical strength and electrical conductivity







NEST OPEN BARREL CONNECTORS			
	А	2–6 AWG Conductor	
B 2–6 AWG Insulation		2–6 AWG Insulation	
	С	4–6 AWG Conductor, 1–2 AWG Insulation	



6226 CT

 Square shaped crimp for positive electrical contact and excellent pull resistance
 Dual cavity



NEST	CAST BATTERY TERMINAL/LUG	HEAVY WALL TERMINAL/LUG	STANDARD WALL LUG
250 MCM	4/0 AWG	4/0 AWG	
4/0		3/0 AWG	4/0 AWG

#### B-Crimp Tool for Lead-Free Open Barrel Terminals Bench Mount Design

#### 6225 CT BM

- Positive contact and excellent durability
   OEM style crimp superior mechanical
- strength and electrical conductivity
- Bench mount design best for production assemblies





NEST	OPEN BARREL CONNECTORS
A	2–6 AWG Conductor
В	2–6 AWG Insulation
С	4-6 AWG Conductor, 1-2 AWG Insulation

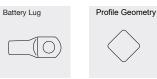
Detail

#### **Crimp Tool for Cast Heavy Duty Tube Lugs & Terminals and Standard Wall Lugs**

#### 6227 CT

- · Square shaped crimp for positive electrical contact and excellent pull resistance
- · Triple cavity





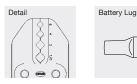


NEST		HEAVY WALL TERMINAL/LUG	STANDARD WALL LUG
4/0	3/0, 2/0	3/0, 2/0	3/0 AWG
2/0		1, 1–2, 2	2/0, 1/0
1/0	1–2		1 AWG



#### 6228 CT

· Square shaped crimp for positive electrical contact and excellent pull resistance · Four cavity





NEST	CAST BATTERY TERMINAL/LUG	HEAVY WALL TERMINAL/LUG	STANDARD WALL LUG
1/0			1 AWG
2		4,6 AWG	2 AWG
4	4,6 AWG		4,6,8 AWG
6		8 AWG	

С

## WIRE ROPE

Wire Rope Cutting Tools Wire Rope Swaging Tools



#### WIRE ROPE CUTTING AND SWAGING TOOLS



#### Wire Rope Cutter

## 9509 WRC

- Cuts up to 3/16" diameter cable straight and clean with one hand
- Uniquely shaped cavity holds and cuts in one stroke and eliminates frayed ends
- Durable steel handles with cushioned grips
- Handy closing latch for safe carrying
- 7.5" length



#### Hand Held 3/32" Ratcheted Wire Rope Swager

#### 3103 ST

- 3/32" Single Cavity
- Terrific for small sleeves
- Ratcheted for top performance
- High carbon, heat-treated jaws for durability
- Buffed nest cavities resist sleeve sticking
- Easy adjusted in the field
- 11" length



# Wire Rope Cutter

- Cuts up to 1/4"
- Compound action for increased leverage and mechanical advantage
- High carbon, heated treated steel jaws and pivots with black oxide finish
- Strong, light weight composite handles are easier to carry
- 12.5" length



## Hand Held Wire Rope Swager 6280 CT

- 1/32", 1/16", 3/32", 1/8", 5/32" & 3/16"
- Compound action for increased leverage and mechanical advantage
- High carbon, heat-treated jaws for durability

Hand Held Compound Action

• Crimp 1/32", 3/64", 1/16", 3/32" & 1/8"

Wire Rope Swager

- Buffed nest cavities resist sleeve sticking
- Easy adjusted in the field
- 18" length

6260 CCT

• 16" length

· Composite handle



#### Hand Held Compound Action Wire Rope Swager

6260 CT

- Crimp 1/32", 3/64", 1/16", 3/32" & 1/8"
- Steel handle
- 16" length





### Bench Mounted Wire Rope Swager 6260 BM CT/6280 BM CT

- 6260 BM CT: 1/32", 3/64", 1/16", 3/32" & 1/8"
- 6280 BM CT: 1/32", 1/16", 3/32", 1/8", 5/32" & 3/16"
- Precision machined, light-weight aluminum base
- High carbon, heat-treated jaws for durability
- Buffed nest cavities resist sleeve sticking
- Over center handle motion assures complete crimp cycle
- Easily adjusted in the field
- Ribbed grip is excellent in wet conditions

# INDUSTRIAL

Pliers Punches



## INDUSTRIAL PLIERS AND PUNCH TOOLS

1026

1006



#### Side Cutting Plier

- Tough, high carbon, serrated jaws are heat treated and nickel plated
- Parallel action jaws and "V" slots hold and straighten wire, pins, etc.
- Open throated design allows passage of long wire through the center of the handles
- Compound cutter provides clean, sharp cuts
- Versatile design for numerous industrial applications

MODEL	TOOL LENGTH	JAW OPENING	JAW WIDTH
1026	6 ½"	1/2"	3/8"



## Parallel Action Flat Nose Plier

- Tough, high carbon, serrated jaws are heat treated and nickel plated
- Open throated design allows passage of long wire through the center of the handles
- Versatile design for numerous industrial applications

MODEL	TOOL LENGTH	JAW OPENING	JAW WIDTH
1006	6 ½"	1/2"	3/8"



#### Heavy Duty Paper and Film Punch

#### 1406 S

- Easily punches through all types and thicknesses of paper and film
- Adjustable stop for easy medium alignment
- Dual spring loaded in the open position



## Side Cutting Plier

- 1028
- Tough, high carbon, serrated jaws are heat treated and nickel plated
- Parallel action jaws and "V" slots hold and straighten wire, pins, etc.
- Open throated design allows passage of long wire through the center of the handles
- Compound cutter provides clean, sharp cuts
- Versatile design for numerous industrial applications

MODEL	TOOL LENGTH	JAW OPENING	JAW WIDTH
1028	8"	5/8"	1/2"

# Parallel Action Flat Nose Plier

- Tough, high carbon, serrated jaws are heat treated and nickel plated
- Open throated design allows passage of long wire through the center of the handles
- Versatile design for numerous industrial applications

I	MODEL	TOOL LENGTH	JAW OPENING	JAW WIDTH	
	1008	8"	5/8"	1/2"	1

INDUSTRIAL

## TOOL SELECTION CHARTS

Select cable/wire style in left hand column, follow rows across t nd tools.

#### **Coaxial Tool Selection Chart**

Crimp Tool Cable/ Wire Style	4256 CT 4156 CT	1056 CT 2151 CT 2153 CT 2153 CT 2154 CT 3151 CT 4166 CT 4266 CT 4266 CT 4267 CT 6566 CT	2164 CT	4167 CT 4169 CT 4170 CT 4178 CT 4267 CT 4269 CT 4270 CT 4278 CT	4272 CT 4172 CT	2152 CT 2165 CT	3150 CT	3162 CT
RG6					•		•	•
RG8								
RG11								•
RG58	•	•		•				
RG59	•	•	•		•		•	•
RG174 Mini Coax	•					•		
Belden 8281 (RG59U)			•					

#### **Cable Preparation/Strip Tool Selection Chart**

Strip Tool Cable/Wire Style	8400 8450 8530 S 8646 QS <sup>1</sup> 8730 ES	8105 MT 8200 8300 8500 S 8641 QS <sup>2</sup> 8643 QS <sup>2</sup> 8700 ES 8750 ES	8710 ES	8120 MT 8640 QS 8642 QS <sup>2</sup> 8720 ES	8140 MT 8645 QS <sup>3</sup> 8740 ES	8170 MT 8644 QS <sup>2</sup> 8770 ES	8175 MT	8145 MT 8647 QS <sup>3</sup>	8760 ES	8185 MT	8790 MT
UTP (Cat5, Cat5e, Cat6)	•				•		•	•			•
RG11/7			•	•				•			
RG6/59		•		•	•	•	•	•		•	
RG174 Mini Coax						•	•				•
RG59/6 EZF										•	
RG58/59 to .235" × .235"									•		

1 also cuts UTP, 2 also cuts RG59/6, 3 also cuts UTP & RG59/6

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## **Oetiker Tool Corp.** Manufacturer of Sargent Quality Tools, Member of the Oetiker Group



Oetiker is a global provider of connecting and assembly solutions for vehicles and industrial applications.

At Oetiker, we contribute to an endless array of real-world customer needs with innovative reliable connections.

With over 70 years of worldwide experience, we design, we test and we deliver high quality connections daily at Oetiker that are simpler, smarter and stronger than ever before. We manufacture at twelve locations on three continents. Always in close proximity to our customers. Always in accordance with unified quality standards far above norm.

## Oetiker Tool Corp.

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