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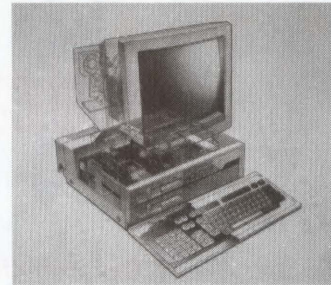
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For more information, please see the last page of the catalog for the location nearest you or contact:

Introduction to Crimp Technology



Website: Please visit the Molex website to view the most current Application Tooling information. The Molex website is continuously updated with latest information. (www.molex.com)

TERMINOLOGY

Bellmouth (Flare)

The flare that is formed on the edge of the conductor crimp acts as a funnel for the wire strands. This funnel reduces the possibility that a sharp edge on the conductor crimp will cut or nick the wire strands. As a general guideline, the conductor bellmouth needs to be approximately 1 to 2x the thickness of the terminal material.*

Conductor Brush

The conductor brush is made up of the wire strands that extend past the conductor crimp on the contact side of the terminal. This helps ensure that mechanical compression occurs over the full length of the conductor crimp. The conductor brush should not extend into the contact area.

Conductor Crimp

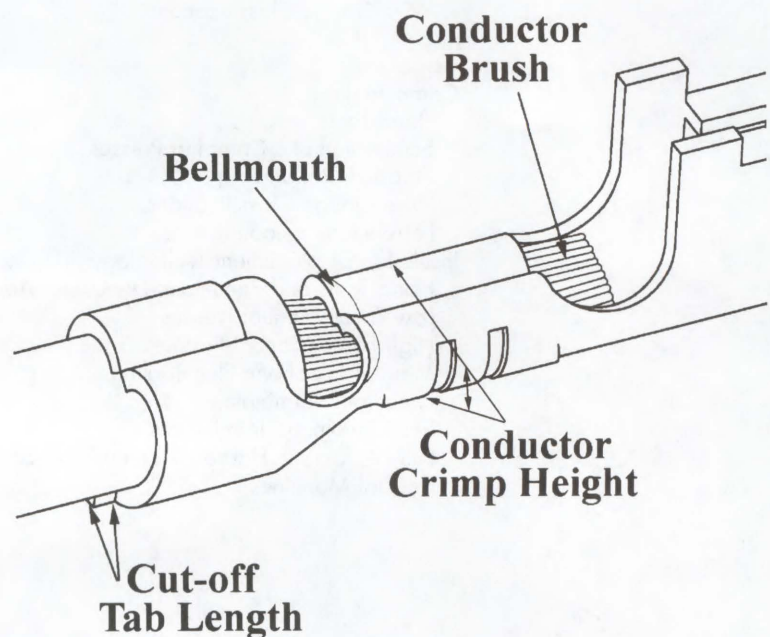
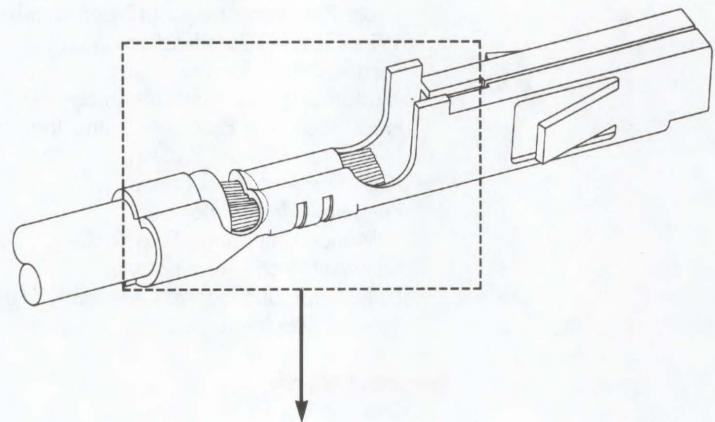
This is for the metallurgical compression of a terminal around the wire's conductor. This connection creates a common electrical path with low resistance and high current carrying capabilities.

Conductor Crimp Height

The conductor crimp height is measured from the top surface of the formed crimp to the bottom most radial surface. Do not include the extrusion points in this measurement (See Figure 2). Measuring crimp height is a quick, non-destructive way to help ensure the correct metallurgical compression of a terminal around the wire's conductor and is an excellent attribute for process control. The crimp height specification is typically set as a balance between electrical and mechanical performance over the complete range of wire stranding and coatings, and terminal materials and platings. Although it is possible to optimize a crimp height to individual wire strandings and terminal platings, one crimp height specification is normally created.

Cut-off Tab Length

This is the material that protrudes outside the insulation crimp after the terminal is separated from the carrier strip. As a general rule, the cut-off tab is approximately 1.0 by 1.5x terminal material thickness.* A cut-off tab that is too long may expose a terminal outside the housing or it may fail electrical spacing requirements. In most situations, a tool is setup to provide a cut-off tab that is flush to one material thickness.



Extrusions (Flash)

These are the small flares that form on the bottom of the conductor crimp resulting from the clearance between the punch and anvil tooling. If the anvil is worn or the terminal is over-crimped, excessive extrusion results. An uneven extrusion may also result if the punch and anvil alignment is not correct, if the feed adjustment is off, or if there is insufficient/excessive terminal drag.

Insulation Crimp (Strain Relief)

This is the part of the terminal that provides both wire support for insertion into the housing and allows the terminal to withstand shock and vibration. The terminal needs to hold the wire as firmly as possible without cutting through to the conductor strands. The acceptability of an insulation crimp is subjective and depends on the application. A bend test is recommended to determine whether or not the strain relief is acceptable for each particular application.

Insulation Crimp Height

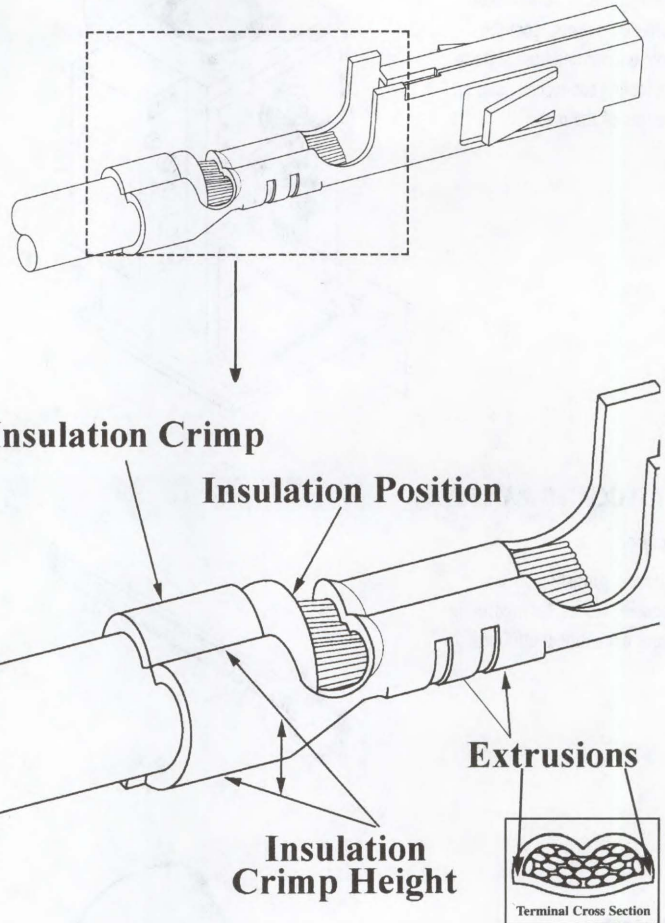
Molex does not specify insulation crimp heights because of the wide variety of insulation thickness, material, and hardness. Most terminals are designed to accommodate multiple wire ranges. Within the terminals range, an insulation diameter may not completely surround the wire or fully surround the diameter of the wire. This condition will still provide an acceptable insulation crimp for most applications.

- A large insulation should firmly grip at least 88% of the wire
- A smaller insulation should firmly grip at least 50% of the wire and firmly hold the top of the wire

To evaluate the insulation section cut the wire flush with the back of the terminal. Once the optimum setting for the application is determined it is important to document the insulation crimp height. Then, as part of the setup procedure the operator can check the crimp height.

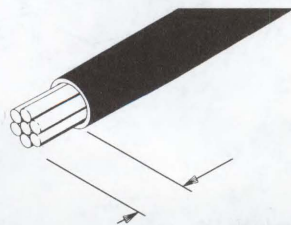
Insulation Position

This is the location of the insulation in relation to the transition area between the conductor and insulation crimps. Equal amounts of the conductor strands and insulation needs to be visible in the transition area. The insulation position ensures that the insulation is crimped along the full length of the insulation crimp, and that no insulation gets crimped under the conductor crimp. The insulation position is set by the wire stop and strip length for bench applications. For automatic wire processing applications the insulation position is set by the in/out press adjustment.



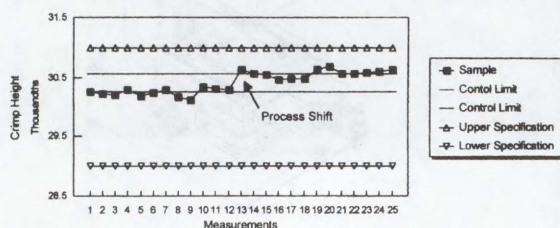
Strip Length

The strip length is determined by measuring the exposed conductor strands after the insulation is removed. The strip length determines the conductor brush length when the insulation position is centered.



Process

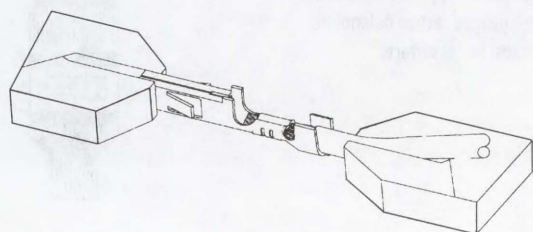
The combination of people, equipment, tooling, materials, methods and procedures needed to produce a crimp termination. Process control is used to track attributes over time to aid in the detection of change to the process. Detecting a process change when it happens helps prevent many thousands of bad crimps.



Pull Force Testing

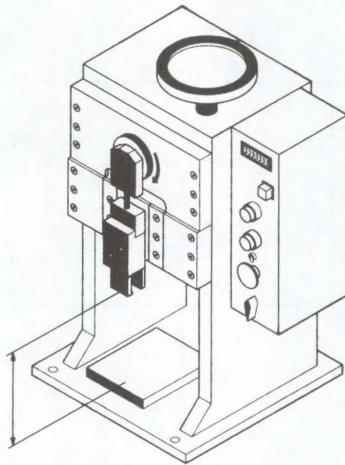
Pull Force Testing is a quick, destructive way to evaluate the mechanical properties of a crimp termination. When making a crimp, enough pressure must be applied to breakdown the oxides that build up on the stripped conductor and the tin plating on the inside of the terminal grip. This is necessary to provide a good metal-to-metal contact. If this does not occur, resistance can increase. Over crimping a crimp termination will reduce the circular area of the conductor and increase resistance.

Pull Force Testing is also a good indicator of problems in the process. Cut or nicked strands in the stripping operation, lack of bellmouth or conductor brush, or incorrect crimp height or tooling will reduce pull force. Wire properties and stranding, and terminal design (material thickness and serration design), also can increase or decrease pull force levels.



Shut Height

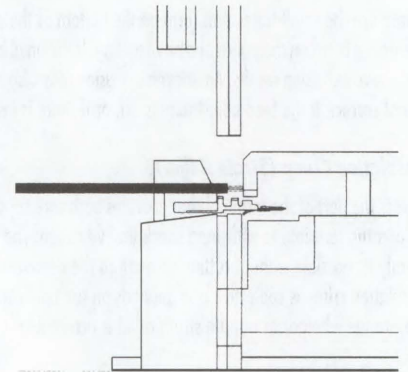
The distance, at bottom dead center on a press, from the tooling mounting base plate to the tooling connection point on the ram of the press.



Terminal Position

The terminal position is set by the alignment of the terminal to the forming punch and anvils, and the carrier strip cut-off tooling. The tool set-up determines conductor bellmouth, cut-off tab length, and terminal extrusions.

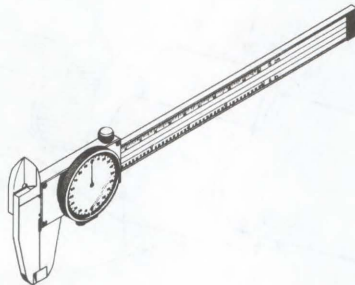
*Consult individual terminal specifications



ASSOCIATED MATERIALS

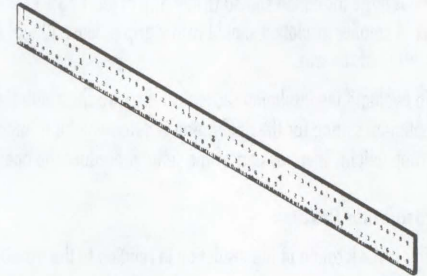
Caliper

A gauge, consisting of two opposing blades, for measuring linear dimensional attributes.



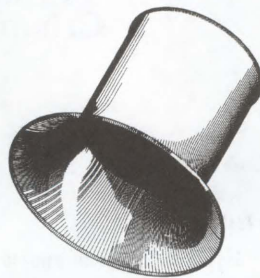
Ruler (Pocket Scale)

This is used to estimate the five piece measurement of bellmouth, cut-off tab, conductor brush, wire position, and strip length. The recommended maximum resolution is .5mm (.020 in).



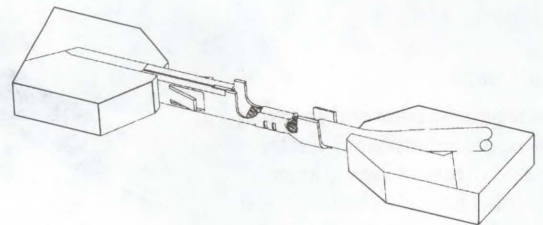
Eye Loop

A magnification tool, normally 10x power or greater, which is used to aid visual evaluation of a crimp termination.



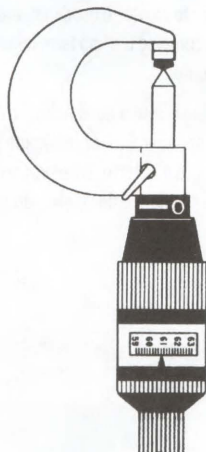
Pull Tester (Reference Figure 5)

A device used to determine the mechanical strength of a crimp termination. Most pull testing is done with a device that clamps the wire, pulls at a set speed, and measures force by means of a load cell. A pull tester also can be as simple as hanging fixed weights on the wire for a minimum of one minute.



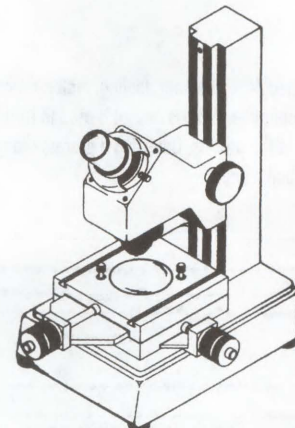
Crimp Micrometer

This is a micrometer specifically designed to measure crimp height. The measurement is taken in the center of the crimp so it is not influenced by the conductor bellmouth. It has a thin blade that supports the top of the crimp while a pointed section determines the bottom most radial surface.



Toolmaker's Microscope

This is used for close visual evaluation and statistical measurement of bellmouth, cut-off tab, conductor brush, wire position, and strip length.



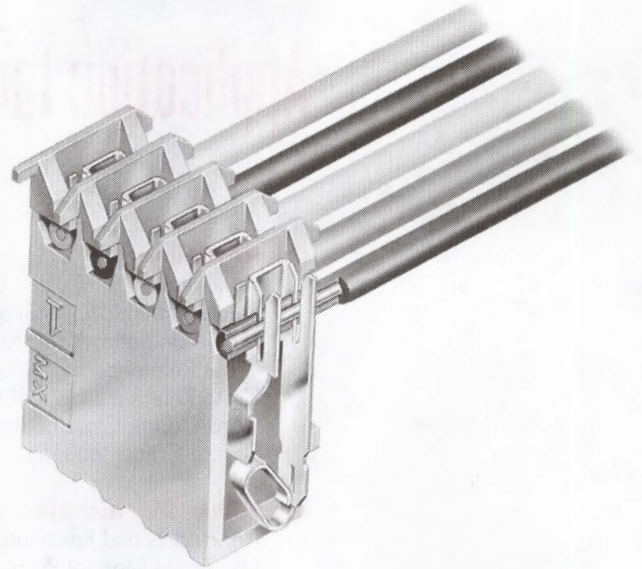
Insulation Displacement Technology Tooling Introduction

Insulation Displacement Technology, IDT, is a wire termination technique in which an insulated wire is pressed into a terminal slot smaller than the conductor diameter, displacing the insulation and forming an electrical contact between the terminal and conductor.

Insulation displacement offers 3 major advantages over other termination techniques:

- Electrical connectors are supplied to the customer with the terminals loaded into their final positions. This feature results in customer labor savings as additional operations are not required to complete the assembly.
- Hourly production rates are maximized through the simultaneous mass insertion of wires into multiple connectors.
- IDT allows for multiple connectors to be placed along a harness assembly (daisy chain) without the need to double terminate circuits.

Molex offers a full line of IDT terminating equipment ranging from simple hand tools to fully automatic cable and discrete wire harness assembly machines. All tools are designed and manufactured using the latest technologies to ensure high quality in tool performance and in the product they produce.



INSULATION DISPLACEMENT TECHNOLOGY TERMINATING EQUIPMENT

Hand Tools

Low volume users can choose from a range of snap-on modules that mount to a common pistol or bench mounted holder. These modules can be easily changed to accommodate various connector styles. Typically, these tools yield production rates of approximately 300 terminations per hour.

Manual Press Tools

For medium production volumes, Molex offers a variety of manual press bench tools designed to process cable or discrete wire to further increase productivity. For tools in this category, production rates of up to 250 assemblies per hour for cable or 500 terminations per hour for discrete wire are not uncommon.

Semi-Automatic Bench Tools

For higher production volumes, Molex offers a variety of semi-automatic bench tools to increase the end users' productivity. For tools in this category, production rates of up to 900 assemblies per hour for cable or 1200 terminations per hour for discrete wire are normally realized. In addition to inserting wires into terminals, selected machine models are already equipped to:

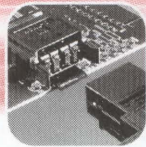
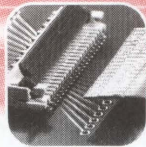
- Automatically unload connectors from packaging such as extruded tubes, mylar film, etc.
- Perform secondary operations, for example, carrier strip breakoff, terminal insertion, product marking, etc.

Fully Automatic Machines

For large production requirements, Molex offers its customers fully automatic modular assembly machines. This modular concept allows machines to be designed and built to meet exact customer requirements. Additionally, this concept enables customers to add options at a future date as production needs change. In general, machines in this category produce 10,000 terminations per hour or better. All machines are designed with fully-integrated PLC controls that include "user friendly" self-diagnostic software features to minimize set-up time and maximize machine uptime and system utilization.

Special Machines

Molex can quote special machines upon request with optional features that parallel the Phoenix™/Eagle™ Series. In general, these machines differ by the manner in which connector termination and wire handling is accomplished. Additionally, daisy chain and different connector orientations can be accomplished.

**W**

Application Tooling: Americas

Crimp Tooling

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Insulation Displacement Technology (IDT) Tooling

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High Force Manual Presses.	W-58 to W-59
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Fully Automatic Harness Assembly Machines	W-63
Special Machines	W-64



For more information, please see the last page of the catalog for the location nearest you or contact:

Within the family of Molex Crimp Tooling there are three levels:

- Manual Crimp Hand Tools
- Semi-Automatic Crimp Presses and Tools
- Fully-Automatic Crimp Wire Processor Tools

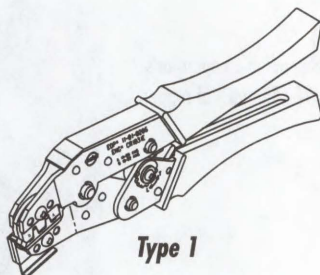
DESCRIPTION OF AVAILABLE CRIMP TOOLING

Manual Crimp Hand Tools

These products are used for prototype and field repair work. These tools are not designed for production work.

Type 1

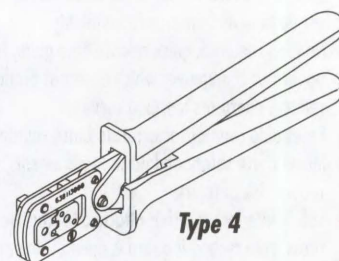
- Improved ergonomic design which improves comfort and grip
- Small handle spread which make this style tool ideally suited for end users
- Ratchet with safety release that ensures consistent performance
- This tool type reduces work related injuries
- CR prefix for Molex-US
- 63811 prefix for Molex-US



Type 1

Type 4

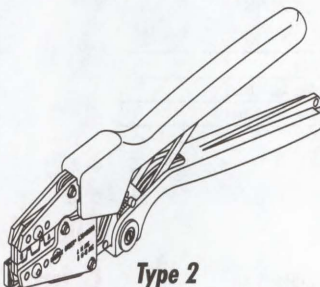
- Ergonomically designed soft handles
- Precisely designed crimping profiles with simple contact positioning
- Easy handling due to outstanding force ratio
- This tool type reduces work related injuries
- 63811 prefix for Molex-US



Type 4

Type 2

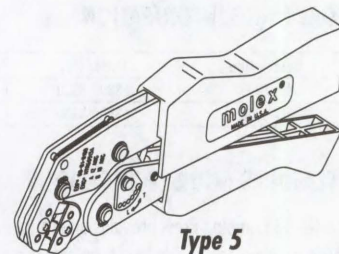
- Advanced ergonomic design with superior mechanical gain and lower handle forces which increases productivity
- High strength, through-hardened alloy steel construction
- Ratchet with safety release that ensures consistent performance
- This tool type reduces work related injuries
- CR prefix for Molex-US
- 63811 prefix for Molex-US



Type 2

Type 5

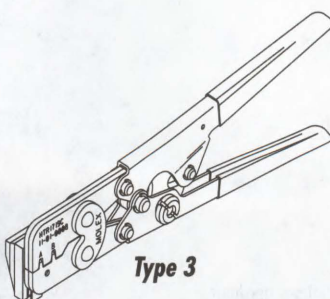
- Molded grips and an easy reach frame minimize user fatigue
- Compact lightweight design for wire and contact handling convenience
- Positive ratcheting assembly with emergency release
- This tool type reduces work related injuries



Type 5

Type 3

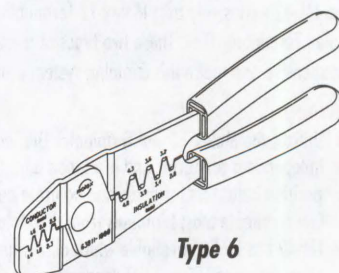
- Simple trouble-free full cycle mechanism assures consistent terminations
- Each tool is precisely engineered
- All crimp cavities are fully machined in high carbon steel, then heat treated
- HT prefix for Molex-US



Type 3

Type 6*

- Inexpensive crimp tool for open barrel terminals
- Accepts wire range of 14-24 AWG
- Accepts material thickness of 0.15-0.40mm and conductor barrel length of 2.00-3.50mm
- Small handle spread design
- Insulated handles
- Ideal for field repair and prototyping
- Available in custom packaging for customer resale



Type 6

* Available through distribution only

FEATURES AND SPECIFICATIONS

The Molex TM-2000 Universal Press is designed to provide an effective method of applying a wide range of side and rear feed terminals to a pre-stripped discrete wire and cable. The TM-2000 is an inexpensive, electrically controlled, single cycle fly-wheel press designed for mid-volume, semi-automatic bench operations.

The TM-2000 when used with a Molex FineAdjust applicator provides the quickest and easiest set-up time in the market place.

Features and Benefits

- Accepts FineAdjust and Mini-Mac Applicators with side and rear feeds; uses most industry standard applicators, which reduces tooling costs and provides production flexibility
- Set to industry standard shut height of 135.80mm (5.345"), operator makes no adjustments, which reduces set-up time and ensures repeatability
- No tools required, quick release base plate, fast and simple applicator changeover which increases production and reduces operators learning curve
- Resettable counter for accurate batch counting
- Meets OSHA safety and noise requirements, which will reduce risk of injury
- Safety interlock switch is attached to front guard to prevent press from cycling if guard is open during operation
- Low maintenance because all bearings are sealed

Electrical

Voltage:

63800-8300—115V AC, 1 Ph, 60Hz, 5.8A
63800-8400—230V AC, 1 Ph, 50Hz, 2.9A

Mechanical

Dimensions (with reel mounting):

Height—1,260mm (49")
Width—560mm (22")
Depth—686mm (27")

Dimensions (without reel mounting):

Height—1,044mm (41.00")
Width—350.00mm (13.70")
Depth—686.00mm (27.00")

Weight: Gross—159kg (350 lb)

Unpacked—145kg (320 lb)

Mechanics: Stroke 38.10mm (1.50")

Rate: 2500 terminations per hour, depending on operator's skill and application; up to 10 AWG (5.0mm²) of copper conductor

ORDERING INFORMATION

Description	Order No.	Volts	Used With
TM-2000	63800-8300	115V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	230V	FineAdjust and Mini-Mac Applicators

FEATURES AND SPECIFICATIONS

The TM-42 Crimping Press provides an effective method of applying a wide range of side feed terminals to a pre-stripped discrete wire and cable. The TM-42 is an inexpensive, electrically controlled, single cycle flywheel press designed for mid-volume, semi-automatic bench operation.

The TM-42 exclusively uses Molex T2 Terminator Dies and Molex Terminator Dies. These two types of dies are very inexpensive and make this crimping system economical.

Features

- Utilizes the Molex T2 and Terminator Die Tooling
- Independent conductor and insulation adjustments with position indicators for quick and accurate adjustments
- Can terminate most terminals from the Molex product line
- TM-42 has tooling available which allows for the termination of FFC and IDT connectors
- Quick release tooling feature for fast, simple changeover that will increase productivity
- Ability to remove upper crimp tooling without the need to remove lower die
- Meets OSHA safety and noise standards plus this press is CE approved for use in Europe
- Totally enclosed for operator safety, including power shut-off if guard is not properly in place
- Complete press designed to metric standards

Electrical

Voltage:

69002-5001—115V AC, 1 Ph, 60Hz, 5.8A
69002-5000—230V AC, 1 Ph, 50Hz, 2.9A

Mechanical

Dimensions (with reel mounted):

Height—1,150mm (45.00")
Width—540mm (21.20")
Depth—330mm (13.00")

Dimensions (without reel mounted):

Height—950mm (36")
Width—330mm (13")
Depth—330mm (13")

Weight: Gross—110kg (242 lb)

Unpacked—100kg (220 lb)

Processing Capability: 2500 terminations per hour, depending on operator's skill and application; up to 10 AWG (4.0mm²)

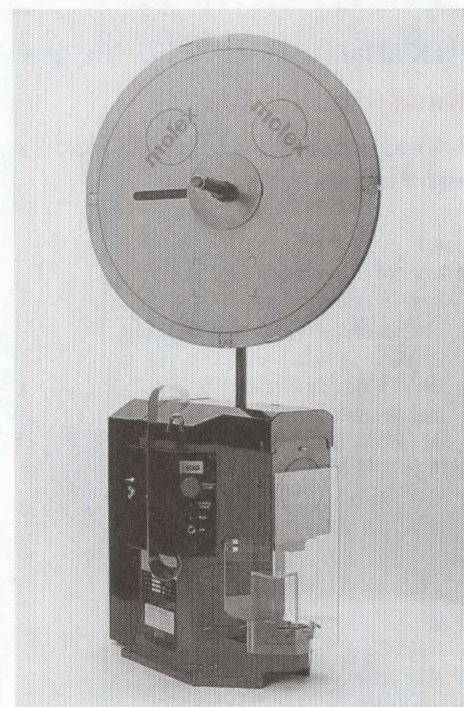
ORDERING INFORMATION

Description	Order No.	Volts	Used With
TM-42 Crimp Press	69002-5001	115V	T2 and Terminator Dies
TM-42 Crimp Press	69002-5000	230V	T2 and Terminator Dies

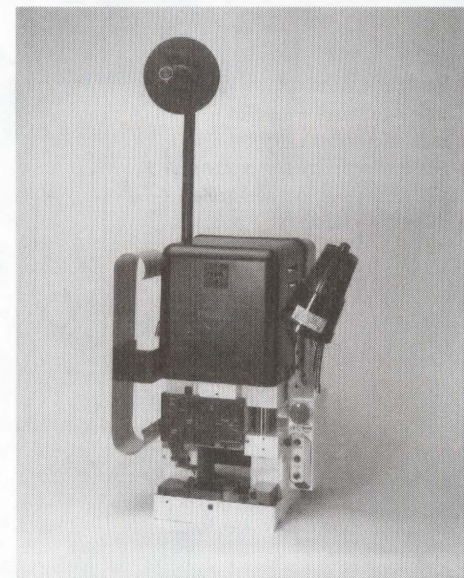


Semi-Automatic Bench Top Crimping Presses

TM-2000 Universal Press



TM-42 Crimp Press



FEATURES AND SPECIFICATIONS

Features

- Utilizes Molex Base Unit and TM-40/42 Terminator Dies and notching dies
- Meets OSHA safety and noise requirements
- Includes external work lamp
- Minimum electrical and mechanical maintenance
- Used 3BF Presses can be purchased on a rebuild basis only and are subject to availability

Specifications

Size without Reel Arm: Width—711mm (28")
 Depth—457mm (18")
 Height—787mm (31")
 Size with Reel Arm: Width—940mm (37")
 Depth—457mm (18")
 Height—1016mm (40")
 Weight: 79.5kg (175 lb)
 Electrical: Voltage—110V AC, 60 Hz
 Current—5.5A
 Tonnage: 26.7kN (3 tons) 10 AWG
 Stroke Length: 38.10mm (1.500")
 Shut Height: Adjustable
 Rate: Up to 2500 terminations per hour, dependent on operator speed and application

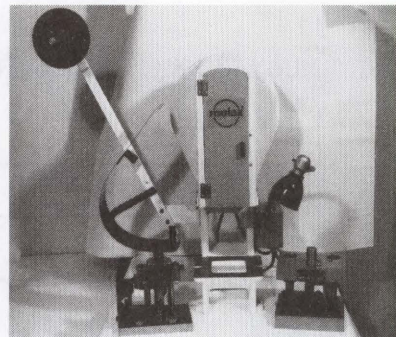
Note: 3BF replacement parts available from:

Benchmaster Products, Inc.
 12981 E. 166th St.
 Cerritos, CA 90701 (USA)
 (310) 926-6906 or (800) 421-5225



Semi-Automatic Bench Top Crimping Presses

3BF Bench Press*



FEATURES AND SPECIFICATIONS

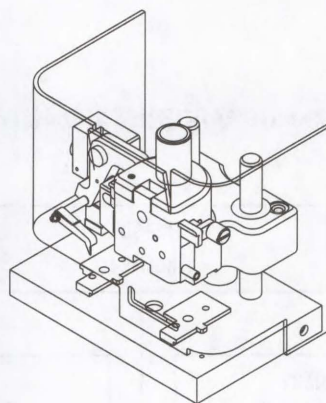
Features

- Adapts to the Molex 3BF Press to accommodate TM-40/42 Terminator Dies
- Low cost method of achieving flexibility in terminating various contact configurations in the same press
- Adjustable positive feed positioning
- Quick insulation and conductor crimp height adjustments
- No press ram adjustments after initial set-up
- Safety guard included with each unit

Specifications

Size: Width—190mm (7.5")
 Depth—127mm (5")
 Height—7.2mm (6.5")
 Weight: 7.2kg (16 lb)
 Adjustments: Conductor Crimp Height—0.025mm (.001")
 Total Adjustments—0.625mm (.025")
 Insulation Crimp Height—0.203mm (.008")
 Total Adjustment—1.626mm (.064")

Base Unit Terminator

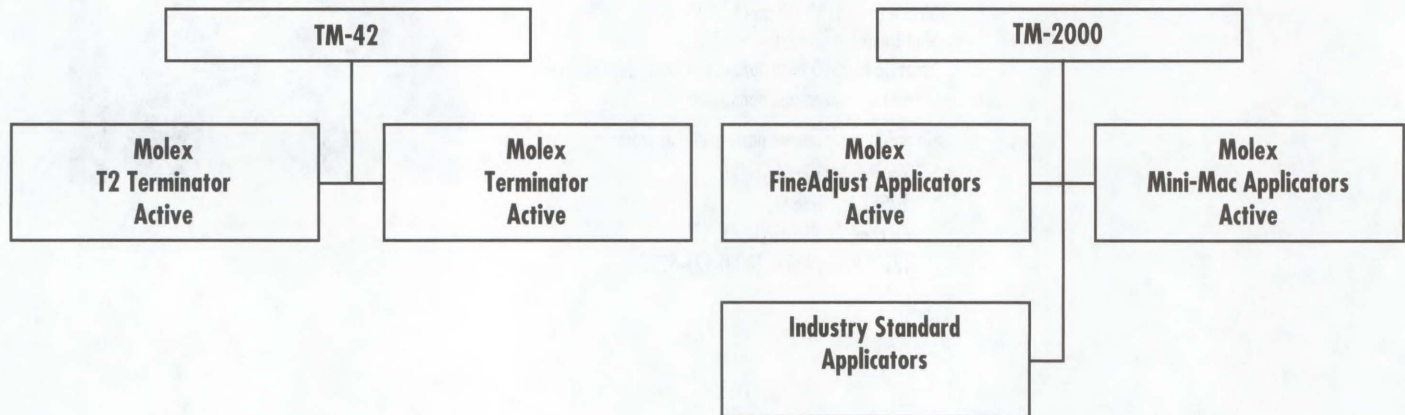


ORDERING INFORMATION

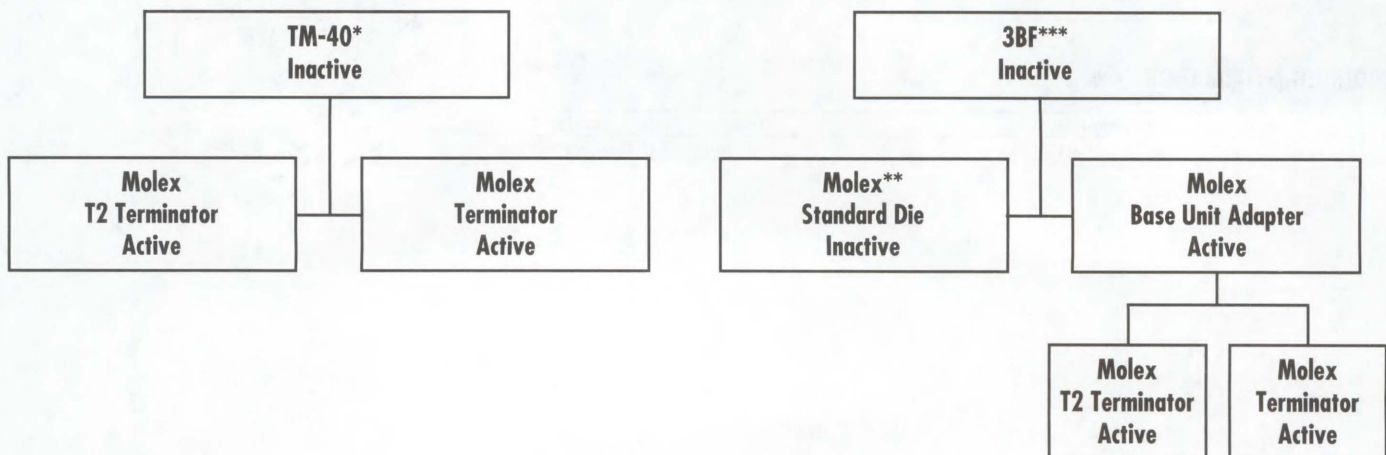
Description	Order No.	Used With
Base Unit Terminator for Molex 3BF Press	11-19-3001	T2 and Terminator Dies

* This press is not available for purchase

ACTIVE SEMI-AUTOMATIC PRESS AND ACTIVE TOOLING MATRIX



INACTIVE SEMI-AUTOMATIC PRESS AND ACTIVE TOOLING MATRIX



* Inactive means Molex no longer manufactures that press, however, we still provide crimp tooling for customers who have those presses

** Repair parts are not available for the Standard Die

*** On the 3BF press, Molex no longer supplies spare parts. Contact Benchmaster.

FEATURES AND SPECIFICATIONS

The Molex FineAdjust Applicator is an improved version of the Molex Mini-Mac Applicator. The FineAdjust will be replacing the Mini-Mac where possible. Most 14 AWG and lower (16, 18, 20, etc.) will be designed into the FineAdjust Applicator over time.

The Molex FineAdjust Applicator is designed to provide an effective method of applying a wide range of side feed terminals to a pre-stripped discrete wire and cable. It is the most advanced version of a "universal" crimping tool available. This applicator works in the Molex TM-2000 Universal Press and in most industry standard presses.

The FineAdjust applicator offers minimal setup time without the need for shimming, is versatile, reliable, easy to install, and is designed for mid- to high-volume, semi- or fully-automatic operations.

Features and Benefits

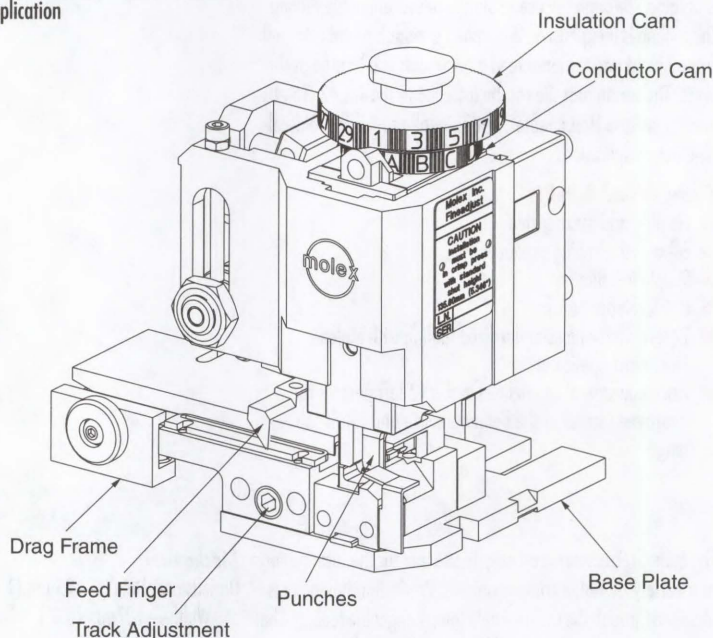
- Fine adjustment allows users to achieve target with little effort by adjusting on increments of 0.15mm (.0006") for conductor crimp height and .063mm (.0025") for insulation height
- Independent adjustment rings allow users to quickly adjust the conductor or insulation crimp height without affecting each other
- Quick tooling removal with the push of a button for fast and easy tooling change
- Track adjustment for bellmouth and cut-off tab is adjusted while the applicator is in the press for fast and easy setup
- Compatible with the Molex TM-2000 Universal Press and most industry standard presses, however, it does not fit into Molex TM-40/42 press
- Directly adapts to most automatic wire processing machines
- Quick set-up time; plus the crimp height, track and feed adjustments can be preset in applicator
- Applicator designed to industry standard mounting and shut height 135.80mm (5.346")
- FineAdjust available for most Molex brand terminals

molex® Semi-Automatic Bench Top Crimp Press Tooling

FineAdjust Applicator

Mechanical

Dimensions: Height—152mm (6.00")
 Width—132mm (5.20")
 Depth—101mm (4.00")
 Weight: Gross—5.4kg (12 lb)
 Unpacked—4.1kg (9 lb)
 Mechanics: Stroke 28.5mm (1.125") and 41.3mm (1.625")
 Shut Height: 135.8mm (5.346")
 Processing Capability: 2500 terminations per hour, depending on operator's skill and application



FEATURES AND SPECIFICATIONS

The Molex Mini-Mac Applicator is designed to provide an effective method of applying a wide range of side feed terminals to a pre-stripped discrete wire and cable. This applicator works in the Molex TM-2000 Universal Press and in most industry standard presses. The Mini-Mac Applicator is versatile, reliable, easy to install, and is designed for mid- to high-volume, semi- or fully-automatic operations.

Terminals that are 12 AWG and larger (10, 8, etc.) will continue to be designed into the Molex Mini-Mac applicator. Terminals that are 14 AWG and smaller (16, 18, 20, etc.) will eventually be designed into the Molex FineAdjust applicator, where possible.

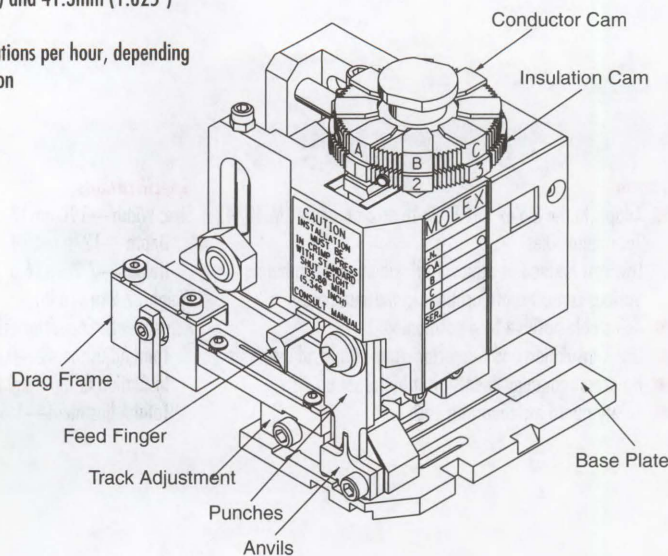
Features and Benefits

- Conductor and insulation rings allow quick adjustment for conductor and insulation diameter change
- Quick set-up time; plus the crimp height, track and feed adjustments can be preset in applicator
- Compatible with the Molex TM-2000 Universal Press and most industry standard presses, however, it does not fit into the Molex TM-40 or TM-42 presses
- Applicator designed to industry standard mounting and shut height 135.80mm (5.346")
- Directly adapts to most automatic wire processing machines
- Mini-Mac available for most Molex brand terminals

Mini-Mac Applicator

Mechanical

Dimensions: Height—152mm (6.00")
 Width—132mm (5.20")
 Depth—101mm (4.00")
 Weight: Gross—5.4kg (12 lb)
 Unpacked—4.1kg (9 lb)
 Mechanics: Stroke 28.5mm (1.125") and 41.3mm (1.625")
 Shut Height: 135.8mm (5.346")
 Processing Capability: 2500 terminations per hour, depending on operator's skill and application



FEATURES AND SPECIFICATIONS

The Molex T2 Terminator is the newer version tool that allows for track adjustment. It contains the identical perishable tooling as the Molex FineAdjust applicator. (Center carrier excluded.) The Molex T2 Terminator will be replacing the Molex Terminator where possible. Most 14 AWG and lower (16, 18, 20, etc.) will eventually be designed into the T2 over time.

The Molex T2 Terminator is an easy to use tool for the termination of a variety of Molex crimp terminals. Production flexibility is obtained through the use of simple interchangeable tooling. The tooling is inexpensive, and unlike a modular applicator, all crimp height and terminal feed adjustments are located in the press. The terminator die can be installed in the TM-42, TM-40 presses or Base Unit adaptor, and is ideally suited for mid-volume bench operation.

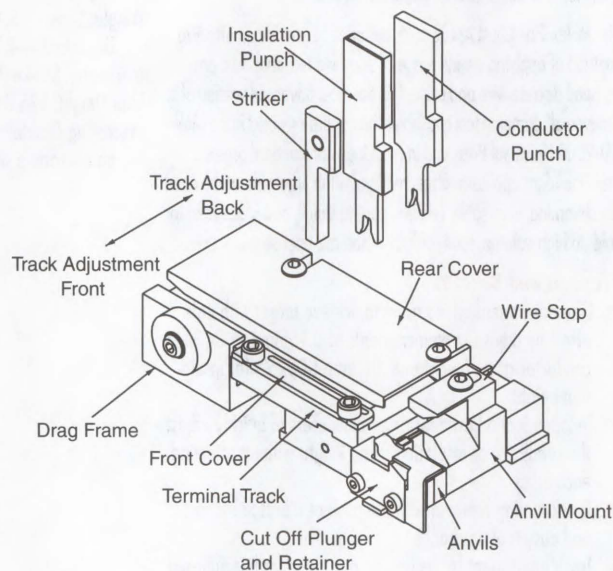
Features and Benefits

- Flexible and inexpensive
- Enhanced crimping productivity
- Simple installation
- Quick release punches
- T2 terminator has standardized tooling with Molex FineAdjust Applicator
- Track adjustment capabilities in the T2 Terminators for improved control of the bellmouth size and cutoff tab length

Mechanical

Dimensions: Height—25mm (1.0")
Width—127mm (5.0")
Depth—44mm (1.8")
Weight: 1.4kg (3.0 lb)

molex® Semi-Automatic Bench Top Crimp Press Tooling T2 Terminator Dies



The Molex Terminator is an easy to use tool for the termination of a variety of Molex crimp terminals. Production flexibility is obtained through the use of simple interchangeable tooling. The tooling is inexpensive, and unlike a modular applicator, all crimp height and terminal feed adjustments are located in the press. The terminator die can be installed in the TM-42, TM-40 presses or Base Unit adaptor, and is ideally suited for mid-volume bench operation.

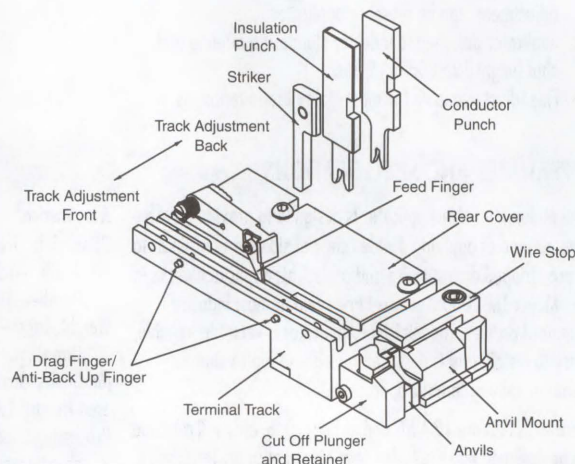
Features and Benefits

- Flexible and inexpensive
- Enhanced crimping productivity
- Simple installation
- Quick release punches

Mechanical

Dimensions: Height—25mm (1.0")
Width—127mm (5.0")
Depth—44mm (1.8")
Weight: 1.4kg (3.0 lb)

Terminator Dies



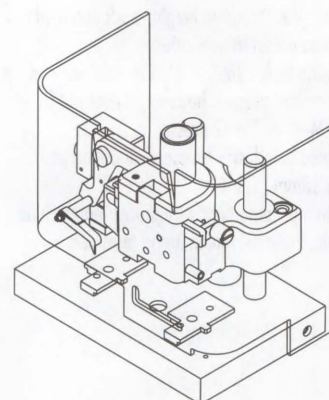
Features

- Adapts to the Molex 3BF Press to accommodate TM-40/42 Terminator Dies
- Low cost method of achieving flexibility in terminating various contact configurations in the same press
- Adjustable positive feed positioning
- Quick insulation and conductor crimp height adjustments
- No press ram adjustments after initial set-up
- Safety guard included with each unit

Specifications

Size: Width—190mm (7.5")
Depth—127mm (5")
Height—7.2mm (6.5")
Weight: 7.2kg (16 lb)
Adjustments: Conductor Crimp Height—0.025mm (.001")
Total Adjustments—0.625mm (.025")
Insulation Crimp Height—0.203mm (.008")
Total Adjustment—1.626mm (.064")

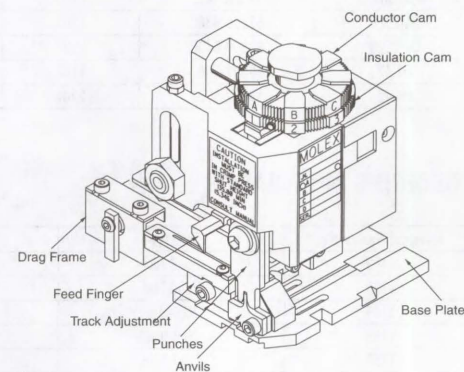
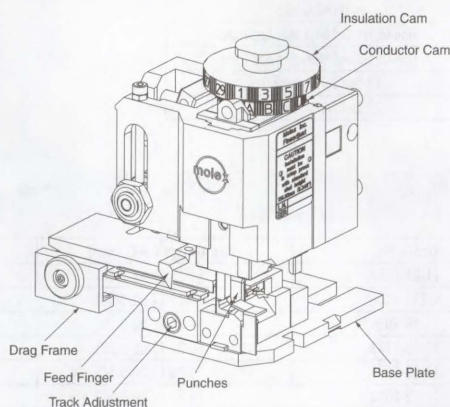
Base Unit Terminator





Fully Automatic Wire Process Machines

Molex does not offer a line of wire process machines. However, our FineAdjust and Mini-Mac Applicators are designed to work in most standard wire process machines. These applicators can be quickly changed over from pre-feed to post-feed for a wire processor. Contact Molex (1-800-786-6539) and ask for Application Tooling. We can answer questions and provide recommendations for wire processor machines.



HOW TO ORDER SPARE (PERISHABLE) TOOLING

1. Find the tool order number that has been engraved on your tooling product
2. Take this order number and go to one of two places:
 - Go to the Application Tooling section on Molex.com website
 - In this catalog, go to the Crimp Tooling Cross Reference by Tool Order Number on pages W-30 through W-51
3. Find the tool order number, then go to the column labeled, "Spare Tooling."

HOW TO ORDER CRIMP TOOLING

You need to answer the following questions:

1. Verify you are using Molex Terminals and write down the product order number
 - Molex Application Tooling designs its tooling (hand tools, applicators, and dies) specifically for Molex terminals. If you are using non-Molex terminals, those terminals have not been qualified in our tooling. Therefore, we can not guarantee its performance.
2. Volume—You need to determine your volume requirement
 - Hand Tool—Prototyping and/or field repair
 - Semi-Automatic Tooling—Low to medium production volumes
 - Fully-Automatic—High product volumes
3. Wire Gauge—Verify the gauge wire you are using (For example, 16 AWG, 18-24 AWG)
4. Insulation Diameter—Verify the insulation diameter of the wire you will be using
5. What type of tooling are you currently using
 - This will help determine what type of tooling package is needed. For example, if you are using hand tools only and are inquiring about applicators, you will also need a press (TM-2000—Applicators, TM-42—Terminator Dies). If you are using applicators your production requirements may or may not require that you purchase another press.

To determine what tooling order number you need, take this information and go to one of two places and follow the directions listed below:

1. Molex web site (www.molex.com)
 - Click on Application Tooling on the Molex home page
2. Molex Full Line Catalog
 - Take the product (terminal) order number and find that product page in the catalog
 - On the above product page you found, go to the upper right corner and get the terminal series number (the number is in red)
 - Take this terminal series number and go to the Terminal Cross Reference Table on pages W-14 through W-29

UNDERSTANDING AND USING THE CATALOG TERMINAL CROSS REFERENCE TABLE—PAGES W-14 THROUGH W-29

1st Column: Terminal Series

- Verifies the terminal series you are using

2nd and 3rd Column: Tool Type and Order Number

- In this column you will look for the level of tooling that fits your production volume and find your order number.

4th Column: Wire Gauge

- Here you find the wire gauge your application requires
- Here you may find more than one tool available. One reason would be due to an overlap in wire gauge designed into two different tools. A second reason would be due to insulation diameter (see explanation for column 5).

5th Column: Insulation Diameter

- This column shows what the range of insulation diameter the tool was designed for. This column is also used to determine which tool should be chosen when two tools are available for the same wire gauge. Usually when two tools are available, one has been designed for a smaller insulation diameter wire and the other tool for a larger wire diameter.

6th Column: Strip Length

- This column provides information as to the amount of insulation that is removed per the specifications sheet that is supplied with your tool.

ORDERING INFORMATION

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies



Crimp Application Tooling

Cross Reference by Terminal Series Number

ORDERING INFORMATION

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
1189	Hand Tool	11-01-0084	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1189	Hand Tool	63811-1000	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1189	Mini-Mac	11-18-2009	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1189	Mini-Mac	11-18-2143	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1189	Extraction	11-03-0006	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1189	Insertion	11-02-0003	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1189	Terminator Die	11-40-2001	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1190	Hand Tool	11-01-0084	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1190	Hand Tool	63811-1000	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1190	Mini-Mac	11-18-2009	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1190	Mini-Mac	11-18-2143	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1190	Extraction	11-03-0006	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1190	Insertion	11-02-0003	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1190	Terminator Die	11-40-2001	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1380	Hand Tool	11-01-0084	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1380	Mini-Mac	11-18-2007	18-22 (0.80-0.35)	2.29 (0.090) max.	3.96-5.54 (0.156-0.218)
1380	Mini-Mac	11-18-2158	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)
1380	Extraction	11-03-0006	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1380	Insertion	11-02-0003	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1380	Terminator Die	11-40-2002	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)
1381	Hand Tool	11-01-0084	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1381	Mini-Mac	11-18-2007	18-22 (0.80-0.35)	2.29 (0.090) max.	3.96-5.53 (0.156-0.218)
1381	Mini-Mac	11-18-2158	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)
1381	Extraction	11-03-0006	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1381	Insertion	11-02-0003	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1381	Terminator Die	11-40-2002	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)
1433	Hand Tool	11-01-0006	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)
1433	Hand Tool	63811-1000	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)
1433	Extraction	11-03-0006	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)
1433	Insertion	11-02-0003	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)
1433	Extraction	11-03-0006	24 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)
1433	Insertion	11-02-0003	24 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)
1433	Mini-Mac	11-18-2008	22-30 (0.35-0.05)	1.52 (0.060) max.	3.96-5.53 (0.156-0.218)
1433	Terminator Die	11-40-2003	22-30 (0.35-0.05)	1.52 (0.060) max.	3.96-5.53 (0.156-0.218)
1434	Hand Tool	11-01-0006	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)
1434	Hand Tool	63811-1000	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)
1434	Extraction	11-03-0006	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)
1434	Extraction	11-03-0006	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)
1434	Insertion	11-02-0003	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)
1434	Insertion	11-02-0003	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)
1434	Extraction	11-03-0006	24 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)
1434	Insertion	11-02-0003	24 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)
1434	Mini-Mac	11-18-2008	22-30 (0.35-0.05)	1.52 (0.060) max.	3.96-5.53 (0.156-0.218)
1434	Terminator Die	11-40-2003	22-30 (0.35-0.05)	1.52 (0.060) max.	3.96-5.53 (0.156-0.218)
1450	Hand Tool	11-01-0084	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
1450	Mini-Mac	11-18-2143	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1450	Extraction	11-03-0006	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
1450	Insertion	11-02-0003	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
1450	Terminator Die	11-40-2001	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1451	Hand Tool	11-01-0084	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
1451	Mini-Mac	11-18-2143	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1451	Extraction	11-03-0006	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
1451	Insertion	11-02-0003	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
1451	Terminator Die	11-40-2001	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
1457	Hand Tool	11-01-0211	18-22 (0.80-0.35)	2.59 (0.102) max.	3.96-5.54 (0.156-0.218)
1457	Mini-Mac	11-18-2056	18-22 (0.80-0.35)	3.42 (0.135) max.	3.96-5.53 (0.156-0.218)
1457	Insertion	11-02-0007	18-22 (0.80-0.35)	2.59 (0.102) max.	3.96-5.54 (0.156-0.218)
1457	Hand Tool	11-01-0211	14-16 (2.00-1.30)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
1457	Mini-Mac	11-18-2057	14-16 (2.00-1.30)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)
1457	Insertion	11-02-0007	14-16 (2.00-1.30)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
1457	Terminator Die	11-40-2009	18-22 (0.80-0.35)	3.42 (0.135) max.	3.96-5.53 (0.156-0.218)

Application Tooling

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order

For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13

Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
1457	Terminator Die	11-40-2010	14-16 (2.00-1.30)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)
1508	Mini-Mac	11-18-2200	16-20 (1.30-0.50)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)
1508	Hand Tool	11-01-0101	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
1508	Mini-Mac	11-18-2202	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)
1508	Mini-Mac	11-18-2181	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.05-3.81 (0.120-0.150)
1508	Extraction	11-03-0016	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
1508	Terminator Die	11-40-2118	16-20 (1.30-0.50)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)
1508	Terminator Die	11-40-2117	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)
1508	Terminator Die	11-40-2205	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)
1560	Hand Tool	11-01-0008	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1560	Hand Tool	63811-1000	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1560	Mini-Mac	11-18-2017	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
1560	Extraction	11-03-0002	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1560	Insertion	11-02-0001	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1560	Terminator Die	11-40-2004	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
1561	Hand Tool	11-01-0008	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1561	Hand Tool	63811-1000	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1561	Mini-Mac	11-18-2017	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
1561	Extraction	11-03-0002	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1561	Insertion	11-02-0001	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1561	Terminator Die	11-40-2004	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
1589	Mini-Mac	11-18-2158	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)
1590	Mini-Mac	11-18-2158	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)
1786	Hand Tool	11-01-0008	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1786	Mini-Mac	11-18-2017	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
1786	Extraction	11-03-0002	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1786	Insertion	11-02-0001	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1786	Terminator Die	11-40-2004	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
1787	Hand Tool	11-01-0008	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1787	Mini-Mac	11-18-2017	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
1787	Extraction	11-03-0002	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1787	Insertion	11-02-0001	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
1787	Terminator Die	11-40-2004	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
1797	Hand Tool	11-01-0203	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
1797	Extraction	11-03-0003	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
1797	Insertion	11-02-0001	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
1797	Terminator Die	11-40-2005	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
1797	Terminator Die	11-40-2023	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
1799	Hand Tool	11-01-0008	18-24 (0.80-0.20)	3.18 (0.125) max.	3.17-4.74 (0.125-0.187)
1799	Mini-Mac	11-18-2130	18-24 (0.80-0.20)	3.17 (0.125) max.	3.17-4.76 (0.125-0.187)
1799	Extraction	11-03-0003	18-24 (0.80-0.20)	3.18 (0.125) max.	3.17-4.74 (0.125-0.187)
1854	Hand Tool	63811-1000	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
1854	Hand Tool	11-01-0185	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
1854	Mini-Mac	11-18-2024	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)
1854	Extraction	11-03-0002	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
1854	Insertion	11-02-0001	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
1854	Terminator Die	11-40-2276	28-30 (0.08-0.05)	1.18-1.77 (0.046-0.070)	3.17-3.96 (0.125-0.156)
1854	Terminator Die	11-40-2006	22-30 (0.35-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)
1855	Hand Tool	63811-1000	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
1855	Hand Tool	11-01-0185	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
1855	Mini-Mac	11-18-2024	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)
1855	Extraction	11-03-0002	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
1855	Insertion	11-02-0001	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
1855	Terminator Die	11-40-2276	28-30 (0.08-0.05)	1.18-1.77 (0.046-0.070)	3.17-3.96 (0.125-0.156)
1855	Terminator Die	11-40-2006	22-30 (0.35-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)
1881	Hand Tool	11-01-0006	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)
1881	Mini-Mac	11-18-2091	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.53 (0.156-0.218)
1881	Hand Tool	11-01-0084	16-24 (1.30-0.20)	3.51 (0.138) max.	3.96-5.54 (0.156-0.218)
1881	Mini-Mac	11-18-2010	16-24 (1.30-0.20)	3.51 (0.138) max.	3.96-5.54 (0.156-0.218)
1881	Terminator Die	11-40-2083	16-24 (1.30-0.20)	3.42 (0.135) max.	3.96-5.53 (0.156-0.218)
1900	Hand Tool	63811-1100	10-14 (5.00-2.00)	3.56-4.57 (0.140-0.180)	4.06-5.59 (0.160-0.220)
1900	Mini-Mac	11-18-2147	10-14 (5.00-2.00)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)
1900	Hand Tool	11-01-0202	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)
1900	Extraction	11-03-0008	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)
1900	Terminator Die	11-40-2163	10-14 (5.00-2.00)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
 For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
 Always review proper operating instructions enclosed with your crimp tool

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
1901	Hand Tool	63811-1100	10-14 (5.00-2.00)	3.56-4.57 (0.140-0.180)	4.06-5.59 (0.160-0.220)
1901	Mini-Mac	11-18-2147	10-14 (5.00-2.00)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)
1901	Hand Tool	11-01-0202	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)
1901	Extraction	11-03-0008	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)
1901	Terminator Die	11-40-2163	10-14 (5.00-2.00)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)
1917	Mini-Mac	11-18-2051	18-24 (0.80-0.20)	2.79 (0.110) max.	3.05-3.56 (0.120-0.140)
1943	Hand Tool	11-01-0008	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-4.74 (0.125-0.187)
1943	Mini-Mac	11-18-2175	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-4.74 (0.125-0.187)
1943	Extraction	11-03-0010	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-4.74 (0.125-0.187)
1943	Terminator Die	11-40-2035	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-4.74 (0.125-0.187)
1973	Hand Tool	11-01-0084	16-24 (2.00-0.80)	1.50-3.56 (0.065-0.140)	3.96-5.54 (0.156-0.218)
1973	Mini-Mac	11-18-2011	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)
1973	Extraction	11-03-0017	16-24 (2.00-0.80)	1.50-3.56 (0.065-0.140)	3.96-5.54 (0.156-0.218)
1973	Insertion	11-02-0003	16-24 (2.00-0.80)	1.50-3.56 (0.065-0.140)	3.96-5.54 (0.156-0.218)
1973	Terminator Die	11-40-2214	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)
2012	Terminator Die	11-40-2225	16 (1.30)	2.49 (0.098) max.	3.17-3.96 (0.125-0.156)
2014	Terminator Die	11-40-2011	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)
2046	Hand Tool	11-01-0084	16-18 (1.30-0.80)	3.05 (0.120) max.	3.96-5.54 (0.156-0.218)
2046	Mini-Mac	11-18-2146	16-18 (1.30-0.80)	3.05 (0.120) max.	4.06-5.59 (0.160-0.220)
2046	Extraction	11-03-0008	16-18 (1.30-0.80)	3.05 (0.120) max.	3.96-5.54 (0.156-0.218)
2046	Terminator Die	11-40-2164	16-20 (1.30-0.50)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)
2047	Hand Tool	11-01-0084	16-18 (1.30-0.80)	3.05 (0.120) max.	3.96-5.54 (0.156-0.218)
2047	Mini-Mac	11-18-2146	16-18 (1.30-0.80)	3.05 (0.120) max.	4.06-5.59 (0.160-0.220)
2047	Extraction	11-03-0008	16-18 (1.30-0.80)	3.05 (0.120) max.	3.96-5.54 (0.156-0.218)
2047	Terminator Die	11-40-2164	16-20 (1.30-0.50)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)
2107	Mini-Mac	11-18-2098	24-30 (0.20-0.05)	1.78 (0.070) max.	3.17-3.96 (0.125-0.156)
2107	Hand Tool	11-01-0088	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
2107	Mini-Mac	11-18-2097	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
2107	Terminator Die	11-40-2013	24-30 (0.20-0.05)	1.78 (0.070) max.	3.17-3.96 (0.125-0.156)
2107	Terminator Die	11-40-2014	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
2108	Hand Tool	11-01-0088	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
2151	Hand Tool	11-01-0084	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
2151	Mini-Mac	11-18-2158	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)
2151	Extraction	11-03-0006	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
2151	Insertion	11-02-0003	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
2151	Terminator Die	11-40-2002	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)
2152	Hand Tool	11-01-0084	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
2152	Mini-Mac	11-18-2158	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)
2152	Extraction	11-03-0006	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
2152	Insertion	11-02-0003	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
2152	Terminator Die	11-40-2002	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)
2176	Mini-Mac	11-18-2040	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)
2176	Hand Tool	11-01-0101	14-20 (2.00-0.50)	3.42 (0.135) max.	3.55-4.74 (0.140-0.187)
2176	Extraction	11-03-0016	14-20 (2.00-0.50)	3.42 (0.135) max.	3.55-4.74 (0.140-0.187)
2176	Terminator Die	11-40-2015	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)
2189	Hand Tool	11-01-0185	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)
2189	Mini-Mac	11-18-2024	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)
2189	Extraction	11-03-0002	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)
2189	Insertion	11-02-0001	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)
2190	Hand Tool	11-01-0185	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)
2190	Mini-Mac	11-18-2024	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)
2190	Extraction	11-03-0002	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)
2190	Insertion	11-02-0001	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)
2236	Hand Tool	11-01-0084	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
2236	Extraction	11-03-0008	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
2236	Insertion	11-02-0003	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
2237	Hand Tool	11-01-0084	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
2237	Extraction	11-03-0008	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
2237	Insertion	11-02-0003	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
2269	Hand Tool	11-01-0084	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
2269	Extraction	11-03-0006	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
2269	Insertion	11-02-0003	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
2269	Terminator Die	11-40-2001	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
2273	Hand Tool	11-01-0084	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
2273	Extraction	11-03-0006	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order. For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13. Always review proper operating instructions enclosed with your crimp tool.

ORDERING INFORMATION (CONTINUED)

Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
2273	Insertion	11-02-0003	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
2273	Terminator Die	11-40-2002	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)
2282	Hand Tool	11-01-0084	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
2282	Extraction	11-03-0008	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
2282	Insertion	11-02-0003	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
2282	Terminator Die	11-40-2121	14-18 (2.00-0.80)	3.55 (0.140) max.	3.81 (0.150) max.
2283	Hand Tool	11-01-0084	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
2283	Extraction	11-03-0008	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
2283	Insertion	11-02-0003	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
2283	Terminator Die	11-40-2121	14-18 (2.00-0.80)	3.55 (0.140) max.	3.81 (0.150) max.
2300	FineAdjust	63822-0000	18-22 (0.80-0.35)	1.07-4.00 (0.042-0.157)	2.80-4.00 (0.110-0.157)
2328	Mini-Mac	11-18-2040	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)
2328	Hand Tool	11-01-0101	14-20 (2.00-0.50)	3.18 (0.125) max.	3.55-4.74 (0.140-0.187)
2328	Extraction	11-03-0016	14-20 (2.00-0.50)	3.18 (0.125) max.	3.55-4.74 (0.140-0.187)
2328	Terminator Die	11-40-2015	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)
2477	Hand Tool	11-01-0026	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
2477	Mini-Mac	11-18-2236	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)
2477	Extraction	11-03-0016	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
2477	Terminator Die	11-40-2096	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
2478	Mini-Mac	11-18-2021	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
2478	Hand Tool	11-01-0026	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
2478	Mini-Mac	11-18-2236	18-24 (0.80-0.50)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)
2478	Extraction	11-03-0016	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
2478	Terminator Die	11-40-2096	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
2482	Mini-Mac	11-18-2058	10-16 (5.00-1.30)	4.19 (0.165) max.	3.81-4.32 (0.150-0.170)
2482	Terminator Die	11-40-2174	10-16 (5.00-1.30)	4.19 (0.165) max.	3.81-4.32 (0.150-0.170)
2576	Mini-Mac	11-18-2040	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)
2576	Hand Tool	11-01-0101	14-20 (2.00-0.50)	3.42 (0.135) max.	3.55-4.74 (0.140-0.187)
2576	Extraction	11-03-0016	14-20 (2.00-0.50)	3.42 (0.135) max.	3.55-4.74 (0.140-0.187)
2576	Terminator Die	11-40-2015	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)
2578	Hand Tool	11-01-0026	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)
2578	Mini-Mac	11-18-2022	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)
2578	Extraction	11-03-0016	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)
2578	Terminator Die	11-40-2097	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)
2697	Hand Tool	11-01-0011	12-20 (3.30-0.50)	4.78 (0.188) max.	3.17-3.96 (0.125-0.156)
2697	Hand Tool	11-01-1026	12-20 (3.30-0.50)	5.84 (0.230) max.	3.17-3.96 (0.125-0.156)
2697	Mini-Mac	11-18-2195	12-20 (3.30-0.50)	4.80 (0.188) max.	4.20 (0.165) max.
2697	Extraction	11-03-0001	12-20 (3.30-0.50)	5.84 (0.230) max.	3.17-3.96 (0.125-0.156)
2697	Mini-Mac	11-18-2096	12-18 (3.30-0.80)	5.80 (0.230) max.	4.20 (0.165) max.
2698	Hand Tool	11-01-0101	14-20 (2.00-0.50)	3.18 (0.125) max.	3.96-5.54 (0.156-0.218)
2698	Extraction	11-03-0016	14-20 (2.00-0.50)	3.18 (0.125) max.	3.96-5.54 (0.156-0.218)
2759	Hand Tool	11-01-0185	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
2759	Mini-Mac	11-18-2171	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)
2759	Extraction	11-03-0022	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
2759	Insertion	63812-0000	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
2759	Terminator Die	11-40-2265	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)
2799	Hand Tool	11-01-0006	24-28 (0.20-0.08)	1.77 (0.070) max.	3.96-5.54 (0.156-0.218)
2799	Extraction	11-03-0016	24-28 (0.20-0.08)	1.77 (0.070) max.	3.96-5.54 (0.156-0.218)
2799	Mini-Mac	11-18-2041	22-28 (0.35-0.08)	1.73 (0.068) max.	3.55-4.74 (0.140-0.187)
2799	Terminator Die	11-40-2154	22-28 (0.35-0.08)	1.73 (0.068) max.	3.55-4.74 (0.140-0.187)
2870	Hand Tool	11-01-0097	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)
2870	Mini-Mac	11-18-2012	22-24 (0.35-0.20)	1.77 (0.070) max.	3.96-5.53 (0.156-0.218)
2870	Extraction	11-03-0006	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)
2870	Insertion	11-02-0003	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)
2870	Terminator Die	11-40-2020	22-24 (0.35-0.20)	1.77 (0.070) max.	3.96-5.53 (0.156-0.218)
2871	Hand Tool	11-01-0097	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)
2871	Mini-Mac	11-18-2012	22-24 (0.35-0.20)	1.77 (0.070) max.	3.96-5.53 (0.156-0.218)
2871	Extraction	11-03-0006	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)
2871	Insertion	11-02-0003	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)
2871	Terminator Die	11-40-2020	22-24 (0.35-0.20)	1.77 (0.070) max.	3.96-5.53 (0.156-0.218)
2878	Hand Tool	11-01-0026	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
2878	Extraction	11-03-0016	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
2878	Mini-Mac	11-18-2236	18-22 (0.80-0.35)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)
2878	Terminator Die	11-40-2096	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
30149	Terminator Die	11-40-2182	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
 For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
 Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
30272	Terminator Die	11-40-2216	16-18 (1.30-0.80)	2.74-3.05 (0.108-0.120)	3.17-3.96 (0.125-0.156)
30293	Terminator Die	11-40-2226	18-20 (0.80-0.50)	3.05 (0.120) max.	2.54-3.18 (0.100-0.125)
30490	Hand Tool	11-01-0197	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
30490	Extraction	11-03-0044	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
30490	FineAdjust	63860-1000	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.118)	3.00-3.50 (0.118-0.138)
30490	FineAdjust	63860-1400	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
30490	T2 Terminator	63850-1000	18-24 (0.80-0.20)	1.30-3.00 (0.051-0.118)	3.00-3.50 (0.118-0.138)
30490	T2 Terminator	63850-1400	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
30490	Terminator Die	11-40-2249	18-24 (0.80-0.20)	3.00 (0.118) max.	3.00-3.55 (0.118-0.138)
35021	Hand Tool	11-01-0205	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	1.80-2.18 (0.071-0.086)
35021	FineAdjust	63863-2000	24-26 (0.20-0.13)	1.50-1.00 (0.059-0.040)	1.80-2.20 (0.071-0.086)
35021	T2 Terminator	63853-2000	24-26 (0.20-0.13)	1.50-1.00 (0.059-0.040)	1.80-2.20 (0.071-0.086)
35069	FineAdjust	63860-9000	18 (0.80)	3.60 (0.142) max.	3.00-3.50 (0.118-0.138)
35069	T2 Terminator	63850-9000	18 (0.80)	3.60 (0.142) max.	3.00-3.50 (0.118-0.138)
35074	FineAdjust	63860-5100	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.091-0.110)
35074	T2 Terminator	63850-5100	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.091-0.110)
35427			20-22 (0.50-0.35)		
35427			16-18 (1.30-0.80)		
35427			12-14 (3.30-2.00)		
35430			20-22 (0.50-0.35)		
35430			16-18 (1.30-0.80)		
35430			12-14 (3.30-2.00)		
35716			20-24 (0.50-0.20)		
35718	Mini-Mac	11-18-2234	16-20 (1.30-0.50)	2.36-3.60 (0.093-0.142)	4.50-5.00 (0.177-0.197)
35719			20-24 (0.50-0.20)		
35727	Mini-Mac	11-18-2174	14-20 (2.00-0.50)	3.40 (0.134) max.	4.70-5.40 (0.185-0.212)
35727	Terminator Die	11-40-2261	14-20 (2.00-0.50)	3.40 (0.134) max.	4.70-5.40 (0.185-0.212)
35728	Mini-Mac	11-18-2174	14-20 (2.00-0.50)	3.40 (0.134) max.	4.70-5.40 (0.185-0.212)
35728	Terminator Die	11-40-2261	14-20 (2.00-0.50)	3.40 (0.134) max.	4.70-5.40 (0.185-0.212)
35745	FineAdjust	63862-9000	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)
35745	FineAdjust	63862-9200	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)
35745	FineAdjust	63862-9100	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)
35745	T2 Terminator	63852-9000	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)
35745	T2 Terminator	63852-9200	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)
35745	T2 Terminator	63852-9100	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)
35746	FineAdjust	63862-9000	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)
35746	FineAdjust	63862-9200	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)
35746	FineAdjust	63862-9100	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)
35746	T2 Terminator	63852-9000	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)
35746	T2 Terminator	63852-9200	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)
35746	T2 Terminator	63852-9100	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)
35747	FineAdjust	63862-9000	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)
35747	FineAdjust	63862-9200	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)
35747	FineAdjust	63862-9100	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)
35747	T2 Terminator	63852-9000	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)
35747	T2 Terminator	63852-9200	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)
35747	T2 Terminator	63852-9100	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)
35748	FineAdjust	63862-9000	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)
35748	FineAdjust	63862-9200	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)
35748	FineAdjust	63862-9100	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)
35748	T2 Terminator	63852-9000	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)
35748	T2 Terminator	63852-9200	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)
35748	T2 Terminator	63852-9100	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)
40144	Mini-Mac	11-18-2039	32 (0.03)	0.78 (0.031) max.	3.17-3.96 (0.125-0.156)
40144	Terminator Die	11-40-2038	32 (0.03)	0.63 (0.025) max.	3.17-3.96 (0.125-0.156)
40356	Terminator Die	11-40-2130	22 (0.35)		2.79-3.05 (0.110-0.120)
40356	Terminator Die	11-40-2026	20 (0.50)	1.70 (0.067) max.	2.79-3.05 (0.110-0.120)
40356	Terminator Die	11-40-2050	18-20 (0.80-0.50)	2.18 (0.086) max.	
40356	Terminator Die	11-40-2049	18 (0.80)	4.06 (0.160) max.	
40356	Terminator Die	11-40-2127	18 (0.80)	4.06 (0.160) max.	2.36 (0.093) max.
40356	Terminator Die	11-40-2145	18 (0.80)	2.90 (0.114) max.	2.36 (0.093) max.
40445	Hand Tool	11-01-0185	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
40445	Mini-Mac	11-18-2171	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)
40445	Extraction	11-03-0022	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
40445	Insertion	63812-0000	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)

Application Tooling

W

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)



Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
40445	Terminator Die	11-40-2265	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)
40612	Terminator Die	11-40-2144	24 (0.20)	2.90 (0.114) max.	2.36 (0.093) max.
40612	Terminator Die	11-40-2052	22-24 (0.35-0.20)		
40612	Terminator Die	11-40-2054	22 (0.35)		
40612	Terminator Die	11-40-2129	22 (0.35)	2.03 (0.080) max.	2.79-3.05 (0.110-0.120)
40612	Terminator Die	11-40-2143	22 (0.35)	2.36 (0.093) max.	2.36 (0.093) max.
40612	Terminator Die	11-40-2051	20 (0.50)		
40641	Mini-Mac	11-18-2230	18-22 (0.80-0.35)	1.60-2.41 (0.063-0.095)	2.54-3.17 (0.100-0.125)
40641	Terminator Die	11-40-2099	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
40682	Terminator Die	11-40-2076	22-26 (0.35-0.12)	1.52 (0.060) max.	3.17-3.96 (0.125-0.156)
41050	Mini-Mac	11-18-2093	22-24 (0.35-0.20)	2.79 (0.110) max.	3.30-3.81 (0.130-0.150)
41050	Mini-Mac	11-18-2168	18 (0.80)	3.55 (0.140) max.	3.30-3.81 (0.130-0.150)
41050	Terminator Die	11-40-2208	22-24 (0.35-0.20)	2.79 (0.110) max.	3.30-3.81 (0.130-0.150)
41050	Terminator Die	11-40-2250	18 (0.80)	3.55 (0.140) max.	3.30-3.81 (0.130-0.150)
41051	Hand Tool	11-01-0117	22-24 (0.35-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
41051	Mini-Mac	11-18-2115	18-22 (0.80-0.35)	3.58 (0.141) max.	3.00-3.50 (0.118-0.138)
41422	Hand Tool	11-01-0181	14-18 (2.00-0.81)	3.10 (0.122) max.	5.59-6.35 (0.220-0.250)
41422	Mini-Mac	11-18-2081	14-18 (2.00-0.80)	3.10 (0.122) max.	5.84 (0.230) max.
41422	Mini-Mac	11-18-2232	14-18 (2.00-0.80)	3.03-4.52 (0.106-0.133)	5.08-5.84 (0.200-0.230)
41422	Hand Tool	11-01-0180	10-13 (5.00-3.30)	4.83 (0.190) max.	5.59-6.35 (0.220-0.250)
41422	Mini-Mac	11-18-2080	10-13 (5.00-3.30)	4.52 (0.178) max.	5.08-5.84 (0.200-0.230)
41422	Terminator Die	11-40-2193	14-18 (2.00-0.80)	3.10 (0.122) max.	5.84 (0.230) max.
41422	Terminator Die	11-40-2192	10-13 (5.00-3.30)	4.52 (0.178) max.	5.84 (0.230) max.
41483	Hand Tool	11-01-0149	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)
41483	Mini-Mac	11-18-2191	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.180)	4.32-4.95 (0.170-0.195)
41483	Mini-Mac	11-18-2192	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.180)	4.32-4.95 (0.170-0.195)
41483	Mini-Mac	11-18-2193	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	4.32-4.95 (0.170-0.195)
41483	Mini-Mac	11-18-2194	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	4.32-4.95 (0.170-0.195)
41483	Mini-Mac	11-18-2145	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)
41483	Extraction	11-03-0006	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)
41483	Terminator Die	11-40-2212	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)
41572	Hand Tool	11-01-0185	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
41572	Extraction	11-03-0022	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
41572	Insertion	63812-0000	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
41817	Hand Tool	11-01-0085	22-26 (0.35-0.12)	1.52 (0.060) max.	5.94-6.35 (0.234-0.250)
41817	Mini-Mac	11-18-2049	22-26 (0.35-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)
41817	Terminator Die	11-40-2120	24 (0.20)	1.52 (0.060) max.	5.97-6.35 (0.235-0.250)
41951	Mini-Mac	11-18-2068	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.56 (0.125-0.140)
41951	Terminator Die	11-40-2158	32-36 (0.03-0.01)	0.64 (0.025) max.	3.17-3.56 (0.125-0.140)
41951	Terminator Die	11-40-2157	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.56 (0.125-0.140)
41951	Terminator Die	11-40-2159	22-24 (0.35-0.20)	1.63 (0.064) max.	3.17-3.56 (0.125-0.140)
42001	Mini-Mac	11-18-2108	22-26 (0.35-0.12)	1.52 (0.060) max.	4.32-4.83 (0.170-0.190)
42001	Terminator Die	11-40-2171	22-26 (0.35-0.12)	1.52 (0.060) max.	4.32-4.83 (0.170-0.190)
42023	Hand Tool	11-01-0167	14-20 (2.00-0.50)	1.52-3.30 (0.060-0.130)	3.96-5.54 (0.156-0.218)
42023	Mini-Mac	11-18-2087	14-20 (2.00-0.50)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)
42023	Extraction	11-01-0168	14-20 (2.00-0.50)	1.52-3.30 (0.060-0.130)	3.96-5.54 (0.156-0.218)
42023	Terminator Die	11-40-2198	16-20 (1.30-0.50)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)
42023	Terminator Die	11-40-2197	14-16 (2.00-1.30)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)
42024	Hand Tool	11-01-0167	14-20 (2.00-0.50)	1.52-3.30 (0.060-0.130)	3.96-5.54 (0.156-0.218)
42024	Mini-Mac	11-18-2087	14-20 (2.00-0.50)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)
42024	Extraction	11-01-0168	14-20 (2.00-0.50)	1.52-3.30 (0.060-0.130)	3.96-5.54 (0.156-0.218)
42024	Terminator Die	11-40-2198	16-20 (1.30-0.50)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)
42024	Terminator Die	11-40-2197	14-16 (2.00-1.30)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)
42138	Hand Tool	11-01-0149	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)
42138	Mini-Mac	11-18-2145	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)
42138	Mini-Mac	11-18-2191	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.180)	4.32-4.95 (0.170-0.195)
42138	Mini-Mac	11-18-2192	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.180)	4.32-4.95 (0.170-0.195)
42138	Mini-Mac	11-18-2193	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	4.32-4.95 (0.170-0.195)
42138	Mini-Mac	11-18-2194	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	4.32-4.95 (0.170-0.195)
42138	Extraction	11-03-0006	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)
42138	Terminator Die	11-40-2212	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)
42172	Mini-Mac	63830-6000	18x2 (2(0.80))	2.80-3.00 (0.110-0.118)	4.75-5.54 (0.187-0.218)
42172	Mini-Mac	63830-6000	18 (0.80)	2.80-3.00 (0.110-0.118)	4.75-5.54 (0.187-0.218)
42172	Mini-Mac	63830-6000	16 (1.30)	2.80-3.00 (0.110-0.118)	4.75-5.54 (0.187-0.218)
42172	Mini-Mac	63830-6100	14-16 x2 (2(1.30))	3.00-3.45 (0.118-0.136)	4.75-5.54 (0.187-0.218)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by
Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
42172	Mini-Mac	63830-6100	14 (2.00)	3.00-3.45 (0.118-0.136)	4.75-5.54 (0.187-0.218)
42172	Mini-Mac	63830-6000	1-16 & 1-18 ((1.30)(0.80))	2.80-3.00 (0.110-0.118)	4.75-5.54 (0.187-0.218)
42251	Mini-Mac	11-18-2162	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
42251	Terminator Die	11-40-2211	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
42297	Terminator Die	11-40-2232	14-18 (2.00-0.80)	3.51 (0.138) max.	3.96-5.33 (0.156-0.218)
42464	Mini-Mac	11-18-2180	16-20 (1.30-0.50)	2.79 (0.110) max.	3.96-5.33 (0.156-0.218)
42464	Terminator Die	11-40-2215	16-20 (1.30-0.50)	2.79 (0.110) max.	3.05-3.56 (0.120-0.140)
42477	Hand Tool	11-01-0207	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
42477	Mini-Mac	11-18-2178	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.33 (0.156-0.218)
42477	Mini-Mac	11-18-2201	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.33 (0.156-0.218)
42477	Extraction	11-03-0006	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
42477	Insertion	11-02-0003	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
42477	Terminator Die	11-40-2270	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	2.57-5.30 (0.101-0.209)
42478	Hand Tool	11-01-0207	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
42478	Mini-Mac	11-18-2178	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.33 (0.156-0.218)
42478	Mini-Mac	11-18-2201	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.33 (0.156-0.218)
42478	Extraction	11-03-0006	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
42478	Insertion	11-02-0003	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
42478	Terminator Die	11-40-2270	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	2.57-5.30 (0.101-0.209)
42546	Hand Tool	63811-1100	10-14 (5.00-2.00)	3.56-4.57 (0.140-0.180)	4.06-5.59 (0.160-0.220)
42546	Hand Tool	11-01-0202	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)
42546	Extraction	11-03-0008	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)
42547	Hand Tool	63811-1100	10-14 (5.00-2.00)	3.56-4.57 (0.140-0.180)	4.06-5.59 (0.160-0.220)
42547	Hand Tool	11-01-0202	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)
42547	Extraction	11-03-0008	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)
42554	Mini-Mac	11-18-2148	16-18 (1.30-0.80)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)
42555	Mini-Mac	11-18-2148	16-18 (1.30-0.80)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)
42555	Terminator Die	11-40-2223	16-18 (1.30-0.80)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)
4259	Terminator Die	11-40-2101	22-30 (0.35-0.05)	2.54 (0.100) max.	2.54-3.17 (0.100-0.125)
42667	Terminator Die	11-40-2237	10-14 (5.00-2.00)		4.57 (0.180) max.
42667	Terminator Die	11-40-2227	10-12 (5.00-3.30)	3.68 (0.145) max.	4.57 (0.180) max.
42668	Terminator Die	11-40-2238	8		4.57 (0.180) max.
42668	Terminator Die	11-40-2228	8	3.68 (0.145) max.	4.57 (0.180) max.
4272	Hand Tool	11-01-0084	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
4272	Mini-Mac	11-18-2158	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)
4272	Extraction	11-03-0006	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
4272	Insertion	11-02-0003	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
4272	Terminator Die	11-40-2002	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)
42815	Hand Tool	63811-1500	8 (8.50)	5.00-6.75 (0.197-0.266)	9.00-10.00 (0.354-0.394)
42815	Mini-Mac	63830-0000	8 (8.50)	5.00-6.75 (0.197-0.266)	9.00-10.0 (0.354-0.394)
42815	Extraction	63813-0400	8 (8.50)	5.00-6.75 (0.197-0.266)	9.00-10.00 (0.354-0.394)
42815	Hand Tool	63811-1600	10-12 (5.00-3.30)	5.00-6.75 (0.197-0.266)	7.50-8.50 (0.295-0.355)
42815	Mini-Mac	63830-0100	10-12 (5.00-3.30)	5.00-6.75 (0.197-0.266)	7.50-8.50 (0.295-0.355)
42815	Extraction	63813-0400	10-12 (5.00-3.30)	5.00-6.75 (0.197-0.266)	7.50-8.50 (0.295-0.355)
42817	Hand Tool	63811-1500	8 (8.50)	5.00-6.75 (0.197-0.266)	9.00-10.00 (0.354-0.394)
42817	Mini-Mac	63830-0000	8 (8.50)	5.00-6.75 (0.197-0.266)	9.00-10.0 (0.354-0.394)
42817	Extraction	63813-0400	8 (8.50)	5.00-6.75 (0.197-0.266)	9.00-10.00 (0.354-0.394)
42817	Hand Tool	63811-1600	10-12 (5.00-3.30)	5.00-6.75 (0.197-0.266)	7.50-8.50 (0.295-0.355)
42817	Mini-Mac	63830-0100	10-12 (5.00-3.30)	5.00-6.75 (0.197-0.266)	7.50-8.50 (0.295-0.355)
42817	Extraction	63813-0400	10-12 (5.00-3.30)	5.00-6.75 (0.197-0.266)	7.50-8.50 (0.295-0.355)
42824	Hand Tool	11-01-0202	12-14 (3.30-2.00)	4.19 (0.165) max.	4.34-5.16 (0.171-0.203)
42824	Extraction	11-03-0046	12-14 (3.30-2.00)	4.19 (0.165) max.	4.34-5.16 (0.171-0.203)
42824	Terminator Die	11-40-2257	16-18 (1.30-0.80)	3.05 (0.120) max.	4.57 (0.180) max.
42824	Terminator Die	11-40-2166	10-12 (5.00-3.30)	4.20 (0.165) max.	4.34-5.15 (0.171-0.203)
42825	Hand Tool	11-01-0202	12-14 (3.30-2.00)	4.19 (0.165) max.	4.34-5.16 (0.171-0.203)
42825	Extraction	11-03-0046	12-14 (3.30-2.00)	4.19 (0.165) max.	4.34-5.16 (0.171-0.203)
42825	Terminator Die	11-40-2285	16-18 (1.30-0.80)	3.05 (0.120) max.	4.57 (0.180) max.
42825	Terminator Die	11-40-2165	10-12 (5.00-3.30)	2.44-3.68 (0.096-0.145)	4.57 (0.180) max.
4295	Hand Tool	11-01-0008	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
4295	Extraction	11-03-0003	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
4295	Terminator Die	11-40-2005	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
4295	Terminator Die	11-40-2023	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
4296	Hand Tool	11-01-0084	16-22 (1.30-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
4296	Extraction	11-03-0025	16-22 (1.30-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
4296	Terminator Die	11-40-2047	16-22 (1.30-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)



Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
43030	Hand Tool	63811-2800	26-30 (0.14-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)
43030	Extraction	11-03-0043	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)
43030	Hand Tool	63811-2800	20-24 (0.56-0.22)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)
43030	Extraction	11-03-0043	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)
43030	FineAdjust	63860-8000	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)
43030	FineAdjust	63860-8100	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)
43030	T2 Terminator	63850-8000	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)
43030	T2 Terminator	63850-8100	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)
43031	Hand Tool	63811-2800	26-30 (0.14-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)
43031	Extraction	11-03-0043	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)
43031	Hand Tool	63811-2800	20-24 (0.56-0.22)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)
43031	Extraction	11-03-0043	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)
43031	FineAdjust	63860-8000	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)
43031	FineAdjust	63860-8100	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)
43031	T2 Terminator	63850-8000	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)
43031	T2 Terminator	63850-8100	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)
43178	Mini-Mac	63830-4300	18x18 (0.80x0.80)	2.80x2.80 (0.110x0.110)	3.96-5.54 (0.156-0.218)
43178	Hand Tool	63811-0600	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)
43178	Hand Tool	63811-0700	18 (0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)
43178	Mini-Mac	11-18-2225	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)
43178	Mini-Mac	63830-4000	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)
43178	Mini-Mac	11-18-2183	14-18 (2.00-0.80)	2.66-3.56 (0.105-0.140)	2.03-4.19 (0.156-0.218)
43178	Mini-Mac	63830-4100	14-18 (2.00-0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)
43178	Mini-Mac	63830-4200	14-18 (2.00-0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)
43178	Terminator Die	63840-4300	18x18 (0.80x0.80)	2.80x2.80 (0.110x0.110)	3.96-5.54 (0.156-0.218)
43178	Terminator Die	63840-4000	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)
43178	Terminator Die	63840-4100	14-18 (2.00-0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)
43178	Terminator Die	63840-4200	14-18 (2.00-0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)
43374	Mini-Mac	63830-3000	18 DBL (0.80x0.80)	2.80x2.80 (0.110x0.110)	3.96-5.54 (0.156-0.218)
43374	Hand Tool	63811-0500	18 (0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)
43374	Mini-Mac	11-18-2220	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)
43374	Hand Tool	63811-0400	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)
43374	Mini-Mac	11-18-2220	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)
43374	Mini-Mac	11-18-2221	14-18 (2.00-0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)
43375	Mini-Mac	63830-3000	18 DBL (0.80x0.80)	2.80x2.80 (0.110x0.110)	3.96-5.54 (0.156-0.218)
43375	Hand Tool	63811-0500	18 (0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)
43375	Mini-Mac	11-18-2220	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)
43375	Hand Tool	63811-0400	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)
43375	Mini-Mac	11-18-2220	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)
43375	Mini-Mac	11-18-2221	14-18 (2.00-0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)
43375	Terminator Die	63840-5200	14-18 (2.00-0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)
43375	Terminator Die	63840-5000	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)
4366	Hand Tool	11-01-0203	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
4366	Mini-Mac	11-18-2051	18-24 (0.80-0.20)	2.79 (0.110) max.	3.05-3.56 (0.120-0.140)
4366	Extraction	11-03-0003	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
4366	Terminator Die	11-40-2005	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
4366	Terminator Die	11-40-2023	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
44247	Hand Tool	63811-2000	18 (0.80)	0.110 (2.79) max.	3.17-4.75 (0.125-0.187)
44476	Hand Tool	11-01-0197	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44476	Hand Tool	11-01-0197	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44476	Extraction	11-03-0044	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44476	Extraction	63813-1200	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44476	Hand Tool	11-01-0199	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
44476	Extraction	11-03-0044	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
44476	FineAdjust	63860-1000	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44476	FineAdjust	63860-1400	18-20 (0.80-0.50)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
44476	FineAdjust	63860-1200	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
44476	T2 Terminator	63850-1000	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44476	T2 Terminator	63850-1400	18-20 (0.80-0.50)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
44476	T2 Terminator	63850-1200	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
44478	Hand Tool	11-01-0197	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44478	Hand Tool	11-01-0197	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44478	Extraction	63813-1200	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44478	Hand Tool	11-01-0199	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
44478	Extraction	11-03-0044	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
 For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
 Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
44478	FineAdjust	63860-1000	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44478	FineAdjust	63860-1400	18-20 (0.80-0.50)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
44478	FineAdjust	63860-1200	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
44478	T2 Terminator	63850-1000	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44478	T2 Terminator	63850-1400	18-20 (0.80-0.50)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
44478	T2 Terminator	63850-1200	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
44485	FineAdjust	63860-1000	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44485	FineAdjust	63860-1400	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
44485	T2 Terminator	63850-1000	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
44485	T2 Terminator	63850-1400	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
4529	Hand Tool	11-01-0008	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
4529	Extraction	11-03-0002	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
4529	Insertion	11-02-0001	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
4529	Mini-Mac	11-18-2167	18-22 (0.80-0.35)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
4529	Terminator Die	11-40-2230	18-24 (0.80-0.20)	1.85-2.79 (0.073-0.110)	3.17-3.96 (0.125-0.156)
4549	Hand Tool	11-01-0084	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
4549	Hand Tool	11-01-0006	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
4549	Insertion	11-02-0003	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
4549	Terminator Die	11-40-2001	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
4550	Hand Tool	11-01-0084	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
4550	Mini-Mac	11-18-2143	14-20 (2.00-0.50)	1.65-4.06 (0.066-0.160)	3.96-5.54 (0.156-0.218)
4550	Hand Tool	11-01-0006	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
4550	Insertion	11-02-0003	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
4550	Terminator Die	11-40-2001	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
4559	Hand Tool	11-01-0185	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
4559	Mini-Mac	11-18-2024	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)
4559	Extraction	11-03-0002	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
4559	Insertion	11-02-0001	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
4573	Hand Tool	11-01-0203	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
4573	Extraction	11-03-0003	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
4573	Terminator Die	11-40-2011	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)
4574	Hand Tool	11-01-0203	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
4574	Extraction	11-03-0003	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)
4574	Terminator Die	11-40-2011	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)
4706	Hand Tool	11-01-0068	18-24 (0.80-0.20)	2.79 (0.110) max.	5.94-6.35 (0.234-0.250)
4706	Mini-Mac	11-18-2043	18-24 (0.80-0.20)	3.05 (0.120) max.	5.97-6.35 (0.235-0.250)
4706	Mini-Mac	11-18-2042	16-24 (1.30-0.20)	2.79 (0.110) max.	5.97-6.35 (0.235-0.250)
4706	Hand Tool	11-01-0065	16-18 (1.30-0.80)	3.00 (0.118) max.	5.94-6.35 (0.234-0.250)
4706	Terminator Die	11-40-2043	18-24 (0.80-0.20)	3.05 (0.120) max.	5.97-6.35 (0.235-0.250)
4706	Terminator Die	11-40-2045	18-24 (0.80-0.20)	3.05 (0.120) max.	5.97-6.35 (0.235-0.250)
4706	Terminator Die	11-40-2042	16-18 (1.30-0.80)	3.05 (0.120) max.	5.97-6.35 (0.235-0.250)
4706	Terminator Die	11-40-2044	16-18 (1.30-0.80)	3.05 (0.120) max.	5.97-6.35 (0.235-0.250)
4787	Hand Tool	11-01-0112	20-24 (0.50-0.20)	1.77 (0.070) max.	2.03-4.75 (0.156-0.187)
4787	Hand Tool	11-01-0112	16-20 (1.30-0.50)	3.05 (0.120) max.	2.03-4.75 (0.156-0.187)
4787	Terminator Die	11-40-2033	16-20 (1.30-0.50)	3.30 (0.130) max.	4.74-5.53 (0.187-0.218)
4809	Hand Tool	11-01-0185	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
4809	Mini-Mac	11-18-2109	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
4809	Extraction	11-03-0022	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
4809	Insertion	63812-0000	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
4809	Terminator Die	11-40-2102	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
4809	Terminator Die	11-40-2220	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
4811	Hand Tool	11-01-0085	22-26 (0.35-0.12)	1.52 (0.060) max.	5.97-6.35 (0.234-0.250)
4811	Mini-Mac	11-18-2048	22-26 (0.35-0.12)	2.29-2.54 (0.090-0.100)	5.97-6.35 (0.235-0.250)
4811	Mini-Mac	11-18-2049	22-26 (0.35-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)
4811	Insertion	11-02-0017	22-26 (0.35-0.12)	1.52 (0.060) max.	5.97-6.35 (0.234-0.250)
4811	Hand Tool	11-01-0086	22-24 (0.35-0.20)	2.54 (0.100) max.	5.94-6.35 (0.234-0.250)
4811	Insertion	11-02-0017	22-24 (0.35-0.20)	2.54 (0.100) max.	5.94-6.35 (0.234-0.250)
4811	Mini-Mac	11-18-2048	22 (0.35)	2.29-2.54 (0.090-0.100)	5.97-6.35 (0.235-0.250)
4811	Terminator Die	11-40-2241	24-26 (0.20-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)
4811	Terminator Die	11-40-2240	24 (0.20)	2.29-2.54 (0.090-0.100)	5.97-6.35 (0.235-0.250)
4811	Terminator Die	11-40-2039	22-26 (0.35-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)
4811	Terminator Die	11-40-2029	22 (0.35)	2.29-2.54 (0.090-0.100)	5.97-6.35 (0.235-0.250)
4838	Hand Tool	11-01-0026	20-22 (0.50-0.35)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)
4838	Extraction	11-03-0016	20-22 (0.50-0.35)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)
4838	Mini-Mac	11-18-2236	18-22 (0.80-0.35)	2.41 (0.095) max.	2.54-3.18 (0.100-0.125)

ORDERING INFORMATION (CONTINUED)

Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
4838	Terminator Die	11-40-2096	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
50011	Hand Tool	63811-0800	24-30 (0.20-0.50)	0.80-1.40 (0.031-0.055)	1.60-2.10 (0.063-0.083)
50011	Extraction	57105-6000	24-30 (0.20-0.50)	1.40 (0.055) max.	1.60-2.10 (0.063-0.083)
50011	FineAdjust	63860-7100	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.60-2.10 (0.063-0.083)
50011	T2 Terminator	63850-7100	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.60-2.10 (0.063-0.083)
50012	Hand Tool	57046-5000	24-28 (0.20-0.08)	1.15 (0.045) max.	1.70-2.20 (0.067-0.087)
50012	FineAdjust	63861-5000	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)
50012	T2 Terminator	63851-5000	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)
50013	Hand Tool	57046-5000	24-28 (0.20-0.08)	1.15 (0.045) max.	1.70-2.20 (0.067-0.087)
50013	FineAdjust	63861-5000	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)
50013	T2 Terminator	63851-5000	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)
50031	Hand Tool	57075-5000	30-34 (0.05-0.02)	0.76-1.52 (0.030-0.060)	
50031	Extraction	57105-6000	30-34 (0.05-0.02)	0.76-1.52 (0.030-0.060)	
50031	FineAdjust	63860-7200	30-34 (0.05-0.02)	0.50-0.90 (0.020-0.035)	1.60-2.10 (0.063-0.083)
50031	T2 Terminator	63850-7200	30-34 (0.05-0.02)	0.50-0.90 (0.020-0.035)	1.60-2.10 (0.063-0.083)
50034	Hand Tool	57056-5000	26-30 (0.12-0.05)	1.40 (0.055) max.	1.40-1.90 (0.055-0.075)
50034	Extraction	57057-6000	26-30 (0.12-0.05)	1.40 (0.055) max.	1.40-1.90 (0.055-0.075)
50034	FineAdjust	63860-7400	26-30 (0.12-0.05)	0.80-1.40 (0.031-0.055)	1.40-1.90 (0.055-0.075)
50034	T2 Terminator	63850-7400	26-30 (0.12-0.05)	0.80-1.40 (0.031-0.055)	1.40-1.90 (0.055-0.075)
50038	Hand Tool	57085-5000	22 (0.35)	1.80 (0.071) max.	2.00-2.50 (0.078-0.098)
50038	Hand Tool	57086-5000	20 (0.50)	1.80 (0.071) max.	2.00-2.50 (0.078-0.098)
50038	FineAdjust	63860-6000	20-22 (0.50-0.35)	1.50-1.90 (0.059-0.075)	2.00-2.50 (0.078-0.098)
50038	T2 Terminator	63850-6000	20-22 (0.50-0.35)	1.90 (0.075) max.	2.00-2.50 (0.078-0.098)
50039	Hand Tool	57085-5000	22 (0.35)	1.80 (0.071) max.	2.00-2.50 (0.078-0.098)
50039	Hand Tool	57086-5000	20 (0.50)	1.80 (0.071) max.	2.00-2.50 (0.078-0.098)
50039	FineAdjust	63860-6000	20-22 (0.50-0.35)	1.50-1.90 (0.059-0.075)	2.00-2.50 (0.078-0.098)
50039	T2 Terminator	63850-6000	20-22 (0.50-0.35)	1.90 (0.075) max.	2.00-2.50 (0.078-0.098)
5005	Hand Tool	11-01-0008	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)
5005	Mini-Mac	11-18-2114	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)
5005	Terminator Die	11-40-2064	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)
50058	Hand Tool	63811-0200	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)
50058	Extraction	57072-6000	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)
50058	FineAdjust	63860-7000	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
50058	T2 Terminator	63850-7000	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
5006	Hand Tool	11-01-0008	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)
5006	Mini-Mac	11-18-2114	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)
5006	Terminator Die	11-40-2064	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)
50061	Hand Tool	63811-0200	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)
50061	Extraction	57072-6000	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)
50061	FineAdjust	63860-7600	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
50061	T2 Terminator	63850-7600	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
50079	Hand Tool	63811-0300	26-28 (0.12-0.08)	0.99-1.30 (0.039-0.051)	1.40-1.90 (0.055-0.075)
50079	Extraction	57072-6000	26-28 (0.12-0.08)	0.99-1.30 (0.039-0.051)	1.40-1.90 (0.055-0.075)
50079	FineAdjust	63860-7000	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
50079	T2 Terminator	63850-7000	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
50080	Hand Tool	63811-0300	26-28 (0.12-0.08)	0.99-1.30 (0.039-0.051)	1.40-1.90 (0.055-0.075)
50080	Extraction	57072-6000	26-28 (0.12-0.08)	0.99-1.30 (0.039-0.051)	1.40-1.90 (0.055-0.075)
50080	FineAdjust	63860-7600	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
50080	T2 Terminator	63850-7600	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
50087	Hand Tool	11-01-0209	24-30		
50087	Extraction	11-03-0036	24-30		
50087	Insertion	11-02-0022	24-30		
50087	FineAdjust	63860-4000	24-30 (0.20-0.05)	0.80-1.60 (0.031-0.063)	3.00-3.50 (0.118-0.138)
50087	T2 Terminator	63850-4000	24-30 (0.20-0.05)	0.80-1.60 (0.031-0.063)	3.00-3.50 (0.118-0.138)
50088	Hand Tool	11-01-0208	22-24		
50088	Extraction	11-03-0036	22-24		
50088	Insertion	11-02-0022	22-24		
50088	FineAdjust	63860-4100	22-24 (0.35-0.20)	1.00-1.60 (0.039-0.063)	3.00-3.50 (0.118-0.137)
50088	T2 Terminator	63850-4100	22-24 (0.35-0.20)	1.00-1.60 (0.039-0.063)	3.00-3.50 (0.118-0.137)
5009	Mini-Mac	11-18-2128	24-28 (0.20-0.08)	2.40 (0.094) max.	2.54-3.17 (0.100-0.125)
5009	Terminator Die	11-40-2065	24-28 (0.20-0.08)	2.40 (0.094) max.	2.54-3.17 (0.100-0.125)
50097	Hand Tool	57118-5000	20-24 (0.50-0.20)	1.40-1.90 (0.055-0.075)	2.50-3.00 (0.098-0.118)
50097	FineAdjust	63861-2000	20-24 (0.50-0.20)	1.30-2.10 (0.051-0.083)	2.50-3.00 (0.098-0.118)
50097	T2 Terminator	63851-2000	20-24 (0.50-0.20)	1.30-2.10 (0.051-0.083)	2.50-3.00 (0.098-0.118)
50098	Hand Tool	57119-5000	18-22 (0.80-0.35)	1.80-2.60 (0.071-0.102)	2.50-3.00 (0.098-0.118)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order

For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13

Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by Terminal Series Number

Description	Order No.	Presses	
		Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
50098	FineAdjust	63863-9000	18-22 (0.80-0.35)	1.80-2.60 (0.063-0.102)	2.50-3.00 (0.098-0.118)
50098	T2 Terminator	63853-9000	18-22 (0.80-0.35)	1.80-2.60 (0.070-0.102)	2.50-3.00 (0.098-0.118)
50125	Hand Tool	63811-0300	26-28 (0.12-0.08)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)
50125	Extraction	57072-6000	26-28 (0.12-0.08)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)
50125	FineAdjust	63860-7600	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
50125	T2 Terminator	63850-7600	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
50133	Hand Tool	63811-0200	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)
50133	Extraction	57072-6000	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)
50133	FineAdjust	63860-7600	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
50133	T2 Terminator	63850-7600	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)
50147	Hand Tool	57132-5000	22 (AVSS 0.3)	1.40-1.50 (0.055-0.059)	2.00-2.50 (0.078-0.098)
50147	FineAdjust	63861-7100	20-22 (0.37-0.56)	1.40-1.90 (0.055-0.075)	2.00-2.50 (0.078-0.098)
50147	T2 Terminator	63851-7100	20-22 (0.37-0.56)	1.40-1.90 (0.055-0.075)	2.00-2.50 (0.078-0.098)
50148	Hand Tool	57132-5000	22 (AVSS 0.3)	1.40-1.50 (0.055-0.059)	2.00-2.50 (0.078-0.098)
50148	FineAdjust	63861-7100	20-22 (0.37-0.56)	1.40-1.90 (0.055-0.075)	2.00-2.50 (0.078-0.098)
50148	T2 Terminator	63851-7100	20-22 (0.37-0.56)	1.40-1.90 (0.055-0.075)	2.00-2.50 (0.078-0.098)
50212	Hand Tool	63811-1200	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)
50212	Extraction	57105-6000	24-30 (0.20-0.05)	1.40 (0.055) max.	1.30-1.80 (0.051-0.071)
50212	FineAdjust	63860-7500	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)
50212	T2 Terminator	63850-7500	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)
50217	Hand Tool	57189-5000	18-24 (0.80-0.20)	1.50-2.20 (0.059-0.087)	3.00-3.50 (0.118-0.138)
50217	Hand Tool	57190-5000	18-24 (0.80-0.20)	2.30-3.00 (0.090-0.118)	3.00-3.50 (0.118-0.138)
50217	Extraction	11-26-0100	18-24 (0.80-0.20)	2.30-3.00 (0.090-0.118)	3.00-3.50 (0.118-0.138)
50217	FineAdjust	63860-3100	18-24 (0.80-0.20)	1.40-2.15 (0.055-0.085)	3.00-3.50 (0.118-0.138)
50217	FineAdjust	63860-3000	18-24 (0.80-0.20)	1.40-3.00 (0.055-0.118)	3.00-3.50 (0.118-0.138)
50217	T2 Terminator	63850-3100	18-24 (0.80-0.20)	1.40-2.15 (0.055-0.085)	3.00-3.50 (0.118-0.138)
50217	T2 Terminator	63850-3000	18-24 (0.80-0.20)	1.40-3.00 (0.055-0.118)	3.00-3.50 (0.118-0.138)
50289	Mini-Mac	11-18-2160	16-18 (1.30-0.80)	3.00 (0.118) max.	4.00-4.50 (0.157-0.177)
50294	FineAdjust	63860-4000	24-28 (0.20-0.08)	0.85-1.60 (0.034-0.063)	3.00-3.50 (0.118-0.138)
50294	T2 Terminator	63850-4000	24-28 (0.20-0.08)	0.85-1.60 (0.034-0.063)	3.00-3.50 (0.118-0.138)
50295	Mini-Mac	11-18-2159	16-18 (1.30-0.80)	2.55 (0.100) max.	4.00-4.50 (0.157-0.177)
5033	Mini-Mac	11-18-2185	18-24 (0.80-0.20)	1.43-2.20 (0.056-0.087)	2.80-3.40 (0.110-0.134)
50350	Hand Tool	57288-5000	18-20 (0.80-0.50)	1.70-2.20 (0.067-0.087)	2.80-3.40 (0.110-0.134)
50350	Hand Tool	57288-5100	16-18 (1.30-0.80)	2.00-2.60 (0.079-0.102)	2.80-3.40 (0.110-0.134)
50350	FineAdjust	63821-3000	20 (0.50)	1.87-2.45 (0.074-0.096)	2.80-3.40 (0.110-0.134)
50351	Hand Tool	57295-5000	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.090-0.110)
50351	FineAdjust	63860-5100	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.091-0.110)
50351	T2 Terminator	63850-5100	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.091-0.110)
50372	Hand Tool	57175-5000	22-24 (0.35-0.20)	1.00-1.40 (0.040-0.055)	1.30-1.80 (0.051-0.071)
50372	Extraction	57321-6000	22-24 (0.35-0.20)	1.00-1.40 (0.040-0.055)	1.30-1.80 (0.051-0.071)
50372	FineAdjust	63862-8000	22-26 (0.35-0.12)	0.95-1.40 (0.037-0.055)	1.30-1.80 (0.051-0.071)
50372	T2 Terminator	63852-8000	22-26 (0.35-0.12)	0.95-1.40 (0.037-0.055)	1.30-1.80 (0.051-0.071)
50394	Hand Tool	11-01-0204	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	1.30-1.80 (0.051-0.071)
50394	FineAdjust	63860-7500	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)
50394	T2 Terminator	63850-7500	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)
50397	FineAdjust	63863-5000	22-28 (0.034-0.079)	1.80-1.15 (0.071-0.045)	2.60-3.10 (0.102-0.122)
50397	T2 Terminator	63853-5000	22-28 (0.034-0.079)	1.80-1.15 (0.071-0.045)	2.60-3.10 (0.102-0.122)
50398	FineAdjust	63863-5000	22-28 (0.034-0.079)	1.80-1.15 (0.071-0.045)	2.60-3.10 (0.102-0.122)
50398	T2 Terminator	63853-5000	22-28 (0.034-0.079)	1.80-1.15 (0.071-0.045)	2.60-3.10 (0.102-0.122)
50516	Hand Tool	57317-5000	28-32 (0.08-0.03)	1.00 (0.040) max.	1.20-1.70 (0.047-0.067)
50516	Extraction	57317-6000	28-32 (0.08-0.03)	1.00 (0.040) max.	1.20-1.70 (0.047-0.067)
50516	FineAdjust	63860-7700	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.20-1.70 (0.047-0.067)
50516	T2 Terminator	63850-7700	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.20-1.70 (0.047-0.067)
50535	FineAdjust	63861-1000	16-18 (1.30-0.80)	2.00-2.45 (0.079-0.096)	3.70-4.20 (0.146-0.165)
50535	T2 Terminator	63851-1000	16-18 (1.30-0.80)	2.00-2.45 (0.079-0.096)	3.70-4.20 (0.146-0.165)
50539	Hand Tool	57189-5000	18-24 (0.80-0.20)	1.50-2.20 (0.059-0.087)	3.00-3.50 (0.118-0.138)
50539	Hand Tool	57190-5000	18-24 (0.80-0.20)	2.30-3.00 (0.090-0.118)	3.00-3.50 (0.118-0.138)
50539	Extraction	11-26-0100	18-24 (0.80-0.20)	2.30-3.00 (0.090-0.118)	3.00-3.50 (0.118-0.138)
50539	FineAdjust	63860-3100	18-24 (0.80-0.20)	1.40-2.15 (0.055-0.085)	3.00-3.50 (0.118-0.138)
50539	FineAdjust	63860-3000	18-24 (0.80-0.20)	1.40-3.00 (0.055-0.118)	3.00-3.50 (0.118-0.138)
50539	T2 Terminator	63850-3100	18-24 (0.80-0.20)	1.40-2.15 (0.055-0.085)	3.00-3.50 (0.118-0.138)
50539	T2 Terminator	63850-3000	18-24 (0.80-0.20)	1.40-3.00 (0.055-0.118)	3.00-3.50 (0.118-0.138)
50597	Hand Tool	57347-5300	16-22 (1.30-0.35)	2.00-3.30 (0.079-0.130)	2.70-3.30 (0.106-0.130)
50597	Extraction	57347-6000	16-22 (1.30-0.35)	2.00-3.30 (0.079-0.130)	2.70-3.30 (0.106-0.130)
50597	Hand Tool	57347-5400	16-20 (1.30-0.50)	2.00-2.50 (0.079-0.098)	2.70-3.30 (0.106-0.130)

ORDERING INFORMATION (CONTINUED)

Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
50597	Extraction	57347-6000	16-20 (1.30-0.50)	2.00-2.50 (0.079-0.098)	2.70-3.30 (0.106-0.130)
50597	Hand Tool	57347-5200	16-18 (1.30-0.80)	2.00-2.60 (0.079-0.102)	2.70-3.30 (0.106-0.130)
50597	Extraction	57347-6000	16-18 (1.30-0.80)	2.00-2.60 (0.079-0.102)	2.70-3.30 (0.106-0.130)
50598	Hand Tool	57347-5100	24-26 (0.20-0.12)	2.10-2.40 (0.082-0.094)	2.70-3.30 (0.106-0.130)
50598	Extraction	57347-6000	24-26 (0.20-0.12)	2.10-2.40 (0.082-0.094)	2.70-3.30 (0.106-0.130)
50598	Hand Tool	57347-5000	20-26 (0.50-0.12)	1.20-1.90 (0.047-0.075)	2.70-3.30 (0.106-0.130)
50598	Extraction	57347-6000	20-26 (0.50-0.12)	1.20-1.90 (0.047-0.075)	2.70-3.30 (0.106-0.130)
50599	Hand Tool	57347-5300	16-22 (1.30-0.35)	2.00-3.30 (0.079-0.130)	2.70-3.30 (0.106-0.130)
50599	Extraction	57347-6000	16-22 (1.30-0.35)	2.00-3.30 (0.079-0.130)	2.70-3.30 (0.106-0.130)
50599	Hand Tool	57347-5400	16-20 (1.30-0.50)	2.00-2.50 (0.079-0.098)	2.70-3.30 (0.106-0.130)
50599	Extraction	57347-6000	16-20 (1.30-0.50)	2.00-2.50 (0.079-0.098)	2.70-3.30 (0.106-0.130)
50599	Hand Tool	57347-5200	16-18 (1.30-0.80)	2.00-2.60 (0.079-0.102)	2.70-3.30 (0.106-0.130)
50599	Extraction	57347-6000	16-18 (1.30-0.80)	2.00-2.60 (0.079-0.102)	2.70-3.30 (0.106-0.130)
50600	Hand Tool	57347-5100	24-26 (0.20-0.12)	2.10-2.40 (0.082-0.094)	2.70-3.30 (0.106-0.130)
50600	Extraction	57347-6000	24-26 (0.20-0.12)	2.10-2.40 (0.082-0.094)	2.70-3.30 (0.106-0.130)
50600	Hand Tool	57347-5000	20-26 (0.50-0.12)	1.20-1.90 (0.047-0.075)	2.70-3.30 (0.106-0.130)
50600	Extraction	57347-6000	20-26 (0.50-0.12)	1.20-1.90 (0.047-0.075)	2.70-3.30 (0.106-0.130)
50637	FineAdjust	63862-6100	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)
50638	FineAdjust	63862-6100	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)
50638	T2 Terminator	63852-6100	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)
50639	FineAdjust	63863-5200	22-28 (0.35-0.08)	0.55-1.15 (0.022-0.045)	2.20-2.70 (0.087-0.106)
50639	T2 Terminator	63853-5200	22-28 (0.35-0.08)	0.55-1.15 (0.022-0.045)	2.20-2.70 (0.087-0.106)
50641	Hand Tool	57352-5000	26-30 (0.12-0.05)	0.50-1.00 (0.020-0.040)	1.30-1.70 (0.051-0.067)
50641	FineAdjust	63860-7700	26-30 (0.12-0.05)	0.50-0.90 (0.020-0.035)	1.30-1.70 (0.051-0.067)
50641	T2 Terminator	63850-7700	26-30 (0.12-0.05)	0.50-0.90 (0.020-0.035)	1.30-1.70 (0.051-0.067)
50674	FineAdjust	63862-6100	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)
50674	T2 Terminator	63852-6100	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)
50752	FineAdjust	63860-5000	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.00-2.50 (0.078-0.098)
50752	T2 Terminator	63850-5000	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.00-2.50 (0.078-0.098)
50753	Hand Tool	57352-5100	30-32 (0.05-0.03)	0.40-0.55 (0.016-0.022)	1.30-1.70 (0.051-0.067)
50753	FineAdjust	63860-7700	30-32 (0.05-0.03)	0.40-0.55 (0.016-0.022)	1.30-1.70 (0.051-0.067)
50753	T2 Terminator	63850-7700	30-32 (0.05-0.03)	0.40-0.55 (0.016-0.022)	1.30-1.70 (0.051-0.067)
5103	Hand Tool	11-01-0189	22-28 (0.35-0.08)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)
5103	FineAdjust	63860-8200	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.60-3.20 (0.102-0.126)
5103	T2 Terminator	63850-8200	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.60-3.20 (0.102-0.126)
5159	Hand Tool	11-01-0185	22-28 (0.35-0.08)	1.20-1.70 (0.047-0.067)	2.80-3.40 (0.110-0.133)
5159	Mini-Mac	11-18-2171	22-28 (0.35-0.08)	1.20-1.70 (0.047-0.067)	2.80-3.40 (0.110-0.133)
5159	Extraction	11-26-0059	22-28 (0.35-0.08)	1.20-1.70 (0.047-0.067)	2.80-3.40 (0.110-0.133)
5159	Insertion	63812-0000	22-28 (0.35-0.08)	1.20-1.70 (0.047-0.067)	2.80-3.40 (0.110-0.133)
5159	Terminator Die	11-40-2265	22-28 (0.35-0.08)	1.20-1.70 (0.047-0.067)	2.80-3.40 (0.110-0.133)
5167	Mini-Mac	11-18-2084	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
5167	Hand Tool	11-01-0026	18-24 (0.80-0.20)	2.49 (0.098) max.	2.54-3.17 (0.100-0.125)
5167	Extraction	11-03-0016	18-24 (0.80-0.20)	2.49 (0.098) max.	2.54-3.17 (0.100-0.125)
5167	Terminator Die	11-40-2181	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
5168	Mini-Mac	11-18-2117	24-30 (0.20-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)
5168	Hand Tool	11-01-0026	22-28 (0.35-0.08)	1.70 (0.067) max.	2.54-3.17 (0.100-0.125)
5168	Extraction	11-01-0059	22-28 (0.35-0.08)	1.70 (0.067) max.	2.54-3.17 (0.100-0.125)
5168	Terminator Die	11-40-2195	24-30 (0.20-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)
5175	Mini-Mac	11-18-2107	16-22 (1.30-0.35)	3.40 (0.134) max.	3.70-4.30 (0.147-0.169)
5175	Terminator Die	11-40-2217	16-22 (1.30-0.35)	3.40 (0.134) max.	3.70-4.30 (0.147-0.169)
5190	Mini-Mac	11-18-2049	22-26 (0.35-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)
5190	Terminator Die	11-40-2241	24-26 (0.20-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)
5194	Hand Tool	11-01-0193	18-24 (0.80-0.20)	1.32-3.20 (0.052-0.126)	3.00-3.50 (0.118-0.138)
5194	Mini-Mac	11-18-2044	18-24 (0.80-0.20)	3.20 (0.126) max.	3.00-3.50 (0.118-0.138)
5194	Extraction	11-26-0100	18-24 (0.80-0.20)	1.32-3.20 (0.052-0.126)	3.00-3.50 (0.118-0.138)
5194	FineAdjust	63860-8900	18-24 (0.80-0.20)	1.30-3.00 (0.051-0.118)	3.00-3.50 (0.118-0.138)
5194	T2 Terminator	63850-8900	18-24 (0.80-0.20)	1.30-3.00 (0.051-0.118)	3.00-3.50 (0.118-0.138)
5205	Mini-Mac	11-18-2219	20 (0.50)	2.50-3.40 (0.098-0.134)	2.70-3.30 (0.106-0.130)
5205	Hand Tool	11-26-0024	14-18 (2.00-0.80)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)
5205	Extraction	11-26-0005	14-18 (2.00-0.80)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)
5205	Mini-Mac	11-18-2219	14-16 (2.00-1.30)	2.50-3.40 (0.098-0.134)	2.70-3.30 (0.106-0.130)
5205	Terminator Die	11-40-2066	14-20 (2.00-0.50)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)
5206	Mini-Mac	11-18-2219	20 (0.50)	2.50-3.40 (0.098-0.134)	2.70-3.30 (0.106-0.130)
5206	Hand Tool	11-26-0024	14-18 (2.00-0.80)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)
5206	Extraction	11-26-0005	14-18 (2.00-0.80)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order

For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13

Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
5206	Mini-Mac	11-18-2219	14-16 (2.00-1.30)	2.50-3.40 (0.098-0.134)	2.70-3.30 (0.106-0.130)
5206	Terminator Die	11-40-2066	14-20 (2.00-0.50)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)
5225	Hand Tool	11-26-0089	22-28 (0.35-0.08)	(.047-.100)	(.118-.138)
5225	Extraction	11-26-0100	22-28 (0.35-0.08)	(.047-.100)	(.118-.138)
5225	FineAdjust	63860-8800	22-28 (0.35-0.08)	1.20-2.60 (0.047-0.102)	3.00-3.50 (0.118-0.138)
5225	T2 Terminator	63850-8800	22-28 (0.35-0.08)	1.20-2.60 (0.047-0.102)	3.00-3.50 (0.118-0.138)
5230	Hand Tool	11-01-0195	22-30 (0.35-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)
5230	Extraction	11-26-7074	22-30 (0.35-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)
5230	FineAdjust	63860-8400	22-30 (0.35-0.05)	0.80-1.50 (0.031-0.059)	2.60-3.10 (0.102-0.122)
5230	T2 Terminator	63850-8400	22-30 (0.35-0.05)	0.80-1.50 (0.031-0.059)	2.60-3.10 (0.102-0.122)
5241	FineAdjust	63860-8200	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.60-3.20 (0.102-0.126)
5241	T2 Terminator	63850-8200	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.60-3.20 (0.102-0.126)
5263	Hand Tool	11-01-0194	22-28 (0.35-0.08)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)
5263	FineAdjust	63861-6000	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.40-2.90 (0.094-0.114)
5263	T2 Terminator	63851-6000	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.40-2.90 (0.094-0.114)
5294	Mini-Mac	11-18-2076	24-28 (0.20-0.08)	1.50 (0.060) max.	2.03-2.54 (0.080-0.100)
5294	Terminator Die	11-40-2070	24-28 (0.20-0.08)	1.50 (0.060) max.	2.03-2.54 (0.080-0.100)
5298	Mini-Mac	11-18-2203	18-24 (0.80-0.20)	3.05 (0.120) max.	5.00-6.00 (0.200-0.240)
5298	Terminator Die	11-40-2246	18-24 (0.80-0.20)	3.05 (0.120) max.	5.00-6.00 (0.200-0.240)
5378	Hand Tool	57050-5000	24-28 (0.02-0.08)	1.52 (0.060) max.	1.70-2.30 (0.067-0.091)
5378	FineAdjust	63861-8000	24-28 (0.20-0.08)	0.90-1.50 (0.035-0.059)	1.70-2.30 (0.067-0.091)
5378	T2 Terminator	63851-8000	24-28 (0.20-0.08)	0.90-1.50 (0.035-0.059)	1.70-2.30 (0.067-0.091)
5394	Mini-Mac	11-18-2070	22-28 (0.35-0.08)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)
5394	Mini-Mac	11-18-2118	20-22 (0.50-0.35)	2.10 (0.083) max.	2.10-2.70 (0.083-0.106)
5394	Terminator Die	11-40-2071	22-28 (0.35-0.08)	1.90 (0.075) max.	1.98-2.77 (0.078-0.109)
5394	Terminator Die	11-40-2221	20-22 (0.50-0.35)	2.10 (0.082) max.	4.00 (0.157) max.
5479	Mini-Mac	11-18-2077	22-28 (0.35-0.08)	1.78 (0.070) max.	2.54-3.18 (0.100-0.125)
5479	Terminator Die	11-40-2204	30-32 (0.05-0.03)	1.20 (0.047) max.	1.20-2.54 (0.047-0.100)
5479	Terminator Die	11-40-2107	22-28 (0.35-0.08)	1.77 (0.070) max.	2.54-3.17 (0.100-0.125)
5556	Hand Tool	11-01-0198	22-28 (0.35-0.08)	0.80-1.40 (0.031-0.055)	2.80-3.30 (0.110-0.130)
5556	Extraction	11-03-0044	22-28 (0.35-0.08)	0.80-1.40 (0.031-0.055)	2.80-3.30 (0.110-0.130)
5556	Hand Tool	11-01-0197	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
5556	Extraction	11-03-0044	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
5556	Hand Tool	11-01-0199	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
5556	Extraction	11-03-0044	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
5556	FineAdjust	63860-1100	22-28 (0.35-0.08)	0.90-1.80 (0.035-0.071)	2.80-3.30 (0.110-0.130)
5556	FineAdjust	63860-1000	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
5556	FineAdjust	63860-1400	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
5556	FineAdjust	63860-1200	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
5556	T2 Terminator	63850-1100	22-28 (0.35-0.08)	0.90-1.80 (0.035-0.071)	2.80-3.30 (0.110-0.130)
5556	T2 Terminator	63850-1000	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
5556	T2 Terminator	63850-1400	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
5556	T2 Terminator	63850-1200	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
5558	Hand Tool	11-01-0198	22-28 (0.35-0.08)	0.80-1.40 (0.031-0.055)	2.80-3.30 (0.110-0.130)
5558	Extraction	11-03-0044	22-28 (0.35-0.08)	0.80-1.40 (0.031-0.055)	2.80-3.30 (0.110-0.130)
5558	Hand Tool	11-01-0197	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
5558	Extraction	11-03-0044	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
5558	Hand Tool	11-01-0199	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
5558	Extraction	11-03-0044	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
5558	FineAdjust	63860-1100	22-28 (0.35-0.08)	0.90-1.80 (0.035-0.071)	2.80-3.30 (0.110-0.130)
5558	FineAdjust	63860-1000	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
5558	FineAdjust	63860-1400	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
5558	FineAdjust	63860-1200	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
5558	T2 Terminator	63850-1100	22-28 (0.35-0.08)	0.90-1.80 (0.035-0.071)	2.80-3.30 (0.110-0.130)
5558	T2 Terminator	63850-1000	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)
5558	T2 Terminator	63850-1400	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)
5558	T2 Terminator	63850-1200	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)
5659	Hand Tool	11-26-0110	22-28 (0.35-0.08)	1.70 (0.067) max.	2.54-3.17 (0.100-0.125)
5659	Mini-Mac	11-18-2166	22-28 (0.35-0.08)	1.70 (0.067) max.	2.54-3.17 (0.100-0.125)
5659	Terminator Die	11-40-2091	22-28 (0.35-0.08)	1.70 (0.067) max.	2.54-3.17 (0.100-0.125)
59319	FineAdjust	63862-6000	16 (1.30)	2.50 (0.098) max.	3.90-4.40 (0.154-0.173)
59319	T2 Terminator	63852-6000	16 (1.30)	2.50 (0.098) max.	3.90-4.40 (0.154-0.173)
59320	FineAdjust	63862-6000	16 (1.30)	2.50 (0.098) max.	3.90-4.40 (0.154-0.173)
59320	T2 Terminator	63852-6000	16 (1.30)	2.50 (0.098) max.	3.90-4.40 (0.154-0.173)
6271	Hand Tool	11-01-0084	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order. For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13. Always review proper operating instructions enclosed with your crimp tool.

ORDERING INFORMATION (CONTINUED)

Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
6271	Extraction	11-03-0006	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
6271	Insertion	11-02-0003	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)
6308	Hand Tool	11-01-0006	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
6308	Extraction	11-03-0006	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
6308	Insertion	11-02-0003	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
6310	Hand Tool	11-01-0084	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
6310	Mini-Mac	11-18-2143	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
6310	Extraction	11-03-0006	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
6310	Insertion	11-02-0003	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
6310	Terminator Die	11-40-2001	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
6361	Hand Tool	11-01-0008	18-22 (0.80-0.35)	3.05 (0.120) max.	2.54-3.17 (0.100-0.125)
6361	Terminator Die	11-40-2203	16-20 (1.30-0.50)	2.79 (0.110) max.	3.05-3.56 (0.120-0.140)
6379	Mini-Mac	11-18-2236	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)
6438	Hand Tool	11-01-0026	18-24 (0.80-0.20)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)
6438	Mini-Mac	11-18-2236	18-24 (0.80-0.20)	2.41 (0.095) max.	2.54-3.18 (0.100-0.125)
6438	Extraction	11-03-0016	18-24 (0.80-0.20)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)
6438	Terminator Die	11-40-2096	18-24 (0.80-0.20)	2.41 (0.095) max.	2.54-3.18 (0.100-0.125)
6459	Hand Tool	11-01-0185	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
6459	Mini-Mac	11-18-2171	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)
6459	Extraction	11-03-0022	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
6459	Insertion	63812-0000	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
6459	Terminator Die	11-40-2265	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)
6482	Mini-Mac	11-18-2036	14-18 (2.00-0.80)	3.55 (0.140) max.	3.81-4.32 (0.150-0.170)
6482	Terminator Die	11-40-2151	14-18 (2.00-0.80)	3.56 (0.140) max.	3.81-4.32 (0.150-0.170)
6770	Hand Tool	11-01-0008	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
6770	Mini-Mac	11-18-2017	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
6770	Extraction	11-03-0002	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
6770	Insertion	11-02-0001	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
6770	Terminator Die	11-40-2004	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
6778	Terminator Die	11-40-2209	24-30 (0.20-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)
6838	Hand Tool	11-01-0210	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
6838	Hand Tool	11-01-0212	18-24 (0.80-0.20)	2.16 (0.085) max.	2.54-3.17 (0.100-0.125)
6838	Mini-Mac	11-18-2236	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)
6838	Extraction	11-03-0016	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
6838	Terminator Die	11-40-2096	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
6893	Hand Tool	11-01-0006	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
6893	Extraction	11-03-0006	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
6893	Insertion	11-02-0003	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
6894	Hand Tool	11-01-0006	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
6894	Extraction	11-03-0006	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
6894	Insertion	11-02-0003	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)
70021	Hand Tool	11-01-0208	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)
70021	Extraction	11-03-0036	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)
70021	Insertion	11-02-0022	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)
70021	Hand Tool	11-01-0209	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)
70021	Extraction	11-03-0036	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)
70021	Insertion	11-02-0022	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)
70021	Hand Tool	11-01-0209	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70021	Extraction	11-03-0036	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70021	Insertion	11-02-0022	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70021	Hand Tool	11-01-0208	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70021	Extraction	11-03-0036	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70021	Insertion	11-02-0022	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70021	FineAdjust	63860-4200	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)
70021	FineAdjust	63860-4000	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)
70021	FineAdjust	63860-4100	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)
70021	T2 Terminator	63850-4200	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)
70021	T2 Terminator	63850-4000	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)
70021	T2 Terminator	63850-4100	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)
70058	Hand Tool	11-01-0208	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)
70058	Extraction	11-03-0036	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)
70058	Insertion	11-02-0022	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)
70058	Hand Tool	11-01-0209	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)
70058	Extraction	11-03-0036	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)
70058	Insertion	11-02-0022	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
 For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
 Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
70058	Hand Tool	11-01-0209	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70058	Extraction	11-03-0036	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70058	Insertion	11-02-0022	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70058	Hand Tool	11-01-0208	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70058	Extraction	11-03-0036	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70058	Insertion	11-02-0022	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
70058	FineAdjust	63860-2200	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)
70058	FineAdjust	63860-2000	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)
70058	FineAdjust	63860-2100	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)
70058	T2 Terminator	63850-2200	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)
70058	T2 Terminator	63850-2000	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)
70058	T2 Terminator	63850-2100	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)
70076	Terminator Die	11-40-2079	18-22 (0.80-0.35)	3.04 (0.120) max.	4.74-5.53 (0.187-0.218)
71851	Hand Tool	11-01-0208	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)
71851	Extraction	11-03-0036	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)
71851	Insertion	11-02-0022	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)
71851	Hand Tool	11-01-0209	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)
71851	Extraction	11-03-0036	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)
71851	Insertion	11-02-0022	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)
71851	Hand Tool	11-01-0209	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
71851	Extraction	11-03-0036	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
71851	Insertion	11-02-0022	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
71851	Hand Tool	11-01-0208	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
71851	Extraction	11-03-0036	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
71851	Insertion	11-02-0022	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)
71851	FineAdjust	63860-2200	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)
71851	FineAdjust	63860-2000	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)
71851	FineAdjust	63860-2100	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)
71851	T2 Terminator	63850-2200	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)
71851	T2 Terminator	63850-2000	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)
71851	T2 Terminator	63850-2100	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)
7238	Hand Tool	11-01-0084	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
7238	Mini-Mac	11-18-2013	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)
7238	Extraction	11-03-0006	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
7238	Insertion	11-02-0003	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
7238	Terminator Die	11-40-2131	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)
7239	Hand Tool	11-01-0084	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
7239	Mini-Mac	11-18-2013	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)
7239	Extraction	11-03-0006	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
7239	Insertion	11-02-0003	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
7239	Terminator Die	11-40-2131	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)
7258	Hand Tool	11-01-0026	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)
7258	Mini-Mac	11-18-2022	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)
7258	Extraction	11-03-0016	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)
7258	Terminator Die	11-40-2097	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)
7291	Hand Tool	11-01-0008	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
7291	Mini-Mac	11-18-2017	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
7291	Extraction	11-03-0002	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
7291	Insertion	11-02-0001	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)
7291	Terminator Die	11-40-2004	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)
7676	Mini-Mac	11-18-2040	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)
7676	Hand Tool	11-01-0101	14-20 (2.00-0.50)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)
7676	Extraction	11-03-0016	14-20 (2.00-0.50)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)
7676	Terminator Die	11-40-2154	22-28 (0.35-0.08)	1.73 (0.068) max.	3.55-4.74 (0.140-0.187)
7676	Terminator Die	11-40-2015	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)
7821	Mini-Mac	11-18-2189	18-20 (0.80-0.50)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
7879	Hand Tool	11-01-0185	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
7879	Mini-Mac	11-18-2170	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
7879	Extraction	11-03-0022	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
7879	Insertion	63812-0000	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
7879	Terminator Die	11-40-2251	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)
8058	Mini-Mac	11-18-2235	18-24 (0.80-0.20)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)
8058	Hand Tool	11-01-0084	18-22 (0.80-0.35)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
8058	Extraction	11-03-0006	18-22 (0.80-0.35)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
8058	Insertion	11-03-0003	18-22 (0.80-0.35)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
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 Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)



Cross Reference by Terminal Series Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Terminal Series No.	Tool Type	Order No.	Wire Gauge AWG (mm)	Insulation Diameter	Strip Length
87048	Terminator Die	11-40-2236	26-30 (0.12-0.05)	1.00 (0.039) max.	5.00 (0.197) max.
87116	Mini-Mac	11-18-2116	28-32 (0.08-0.03)	0.90 (0.035) max.	2.80-3.30 (0.110-0.130)
87116	Terminator Die	11-40-2222	28-32 (0.08-0.03)	0.90 (0.035) max.	2.80-3.30 (0.110-0.130)
87116	Terminator Die	11-40-2218	24-28 (0.20-0.08)	1.40 (0.055) max.	2.79-3.30 (0.110-0.130)
87217	Terminator Die	11-40-2219	24-26 (0.20-0.12)	1.40 (0.055) max.	
87421	Hand Tool	63811-0100	26 (0.12)	0.99-1.30 (0.039-0.051)	1.05-1.54 (0.041-0.061)
87421	FineAdjust	63862-7000	26 (0.12)	0.79-0.99 (0.031-0.039)	1.05-1.54 (0.041-0.061)
87421	T2 Terminator	63852-7000	26 (0.12)	0.79-0.99 (0.031-0.039)	1.05-1.54 (0.041-0.061)
87568	Extractor	11-03-0045			
8818	Mini-Mac	11-18-2023	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
8818	Hand Tool	11-01-0026	18-22 (0.80-0.35)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)
8818	Extraction	11-03-0016	18-22 (0.80-0.35)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)
8946	Mini-Mac	11-18-2146	16-18 (1.30-0.80)	3.05 (0.120) max.	4.06-5.59 (0.160-0.220)
8947	Mini-Mac	11-18-2146	16-18 (1.30-0.80)	3.05 (0.120) max.	4.06-5.59 (0.160-0.220)
8960	Hand Tool	11-01-0008	18-24 (0.80-0.20)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)
8960	Terminator Die	11-40-2036	18-24 (0.80-0.20)	2.84 (0.112) max.	2.54-3.05 (0.100-0.120)
8980	Hand Tool	11-01-0206	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.54 (0.156-0.218)
8980	Mini-Mac	11-18-2188	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.54 (0.156-0.218)
8980	Extraction	11-03-0037	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.54 (0.156-0.218)
8980	Hand Tool	11-01-0206	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
8980	Mini-Mac	11-18-2105	14-20 (2.00-0.50)	3.06 (0.120) max.	4.75-5.54 (0.187-0.218)
8980	Mini-Mac	11-18-2186	14-20 (2.00-0.50)	2.02-3.06 (0.080-0.120)	4.75-5.54 (0.187-0.218)
8980	Extraction	11-03-0037	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)
8980	Terminator Die	11-40-2275	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.53 (0.156-0.218)
8980	Terminator Die	11-40-2273	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.54 (0.156-0.218)
8980	Terminator Die	11-40-2273	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.54 (0.156-0.218)
8980	Terminator Die	11-40-2274	14-20 (2.00-0.50)	2.36-3.55 (0.093-0.140)	3.96-5.54 (0.156-0.218)
8980	Terminator Die	11-40-2110	14-20 (2.00-0.50)	3.55 (0.140) max.	4.75-5.54 (0.187-0.218)
8980	Terminator Die	11-40-2282	14-20 (2.00-0.50)	3.55 (0.140) max.	4.75-5.54 (0.187-0.218)
8980	Terminator Die	11-40-2213	14-20 (2.00-0.50)	3.55 (0.140) max.	3.81-4.57 (0.150-0.180)
8993	Hand Tool	11-01-0026	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
8993	Mini-Mac	11-18-2236	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)
8993	Extraction	11-03-0016	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
8993	Terminator Die	11-40-2096	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)
90100	Mini-Mac	11-18-2079	28-32 (0.08-0.05)	0.71-1.37 (0.028-0.054)	3.55-4.32 (0.140-0.170)
90100	Mini-Mac	11-18-2135	28-32 (0.08-0.03)	1.37 (0.54) max.	3.55-4.32 (0.140-0.170)
90100	Mini-Mac	11-18-2074	22-26 (0.35-0.12)	0.91-2.62 (0.036-0.103)	3.55-4.32 (0.140-0.170)
90100	Mini-Mac	11-18-2136	22-26 (0.35-0.12)	2.62 (0.103) max.	3.55-4.32 (0.140-0.170)
90100	Mini-Mac	11-18-2078	18-20 (0.80-0.50)	1.07-2.62 (0.042-0.103)	3.55-4.32 (0.140-0.170)
90119	Hand Tool	69008-9985	22-24 (0.35-0.20)		
90119	Extraction	11-03-0036	26-28 (0.12-0.08)	1.45 (0.057) max.	2.80-3.30 (0.110-0.130)
90119	Insertion	11-01-0022	26-28 (0.12-0.08)	1.45 (0.057) max.	2.80-3.30 (0.110-0.130)
90119	Extraction	11-03-0036	22-24 (0.35-0.20)	1.63 (0.064) max.	2.80-3.30 (0.110-0.130)
90119	Insertion	11-01-0022	22-24 (0.35-0.20)	1.63 (0.064) max.	2.80-3.30 (0.110-0.130)
90119	FineAdjust	63861-4000	28 (0.08)	0.80-1.45 (0.031-0.057)	2.80-3.30 (0.110-0.130)
90119	FineAdjust	63861-4000	26 (0.12)	0.80-1.45 (0.031-0.057)	2.80-3.30 (0.110-0.130)
90119	FineAdjust	63861-4100	22-24 (0.35-0.20)	1.00-1.60 (0.039-0.063)	2.80-3.30 (0.110-0.130)
90119	T2 Terminator	63851-4000	28 (0.08)	0.80-1.45 (0.031-0.057)	2.80-3.30 (0.110-0.130)
90119	T2 Terminator	63851-4000	26 (0.12)	0.80-1.45 (0.031-0.057)	2.80-3.30 (0.110-0.130)
90119	T2 Terminator	63851-4100	22-24 (0.35-0.20)	1.00-1.60 (0.039-0.063)	2.80-3.30 (0.110-0.130)
90120	Hand Tool	69008-9985	22-24 (0.35-0.20)		
90198	Terminator Die	11-40-2196	22-26 (0.35-0.12)	1.52 (0.060) max.	3.00-3.51 (0.118-0.138)
90290	Hand Tool	69008-0026	18-20 (0.80-0.50)		
94506	Mini-Mac	11-18-2204	18-22 (0.80-0.35)	2.60 (0.100) max.	5.30-6.30 (0.210-0.250)
94506	Hand Tool	11-01-0182	14-18 (2.00-0.80)	3.68 (0.145) max.	6.00-7.00 (0.240-0.270)
94506	Mini-Mac	11-18-2165	14-18 (2.00-0.80)	3.70 (0.145) max.	6.00-7.00 (0.240-0.270)
BBZ-4154	Terminator Die	11-40-2186	14-16 (2.00-1.30)	3.55 (0.140) max.	5.59-6.35 (0.220-0.250)
PZ-0152	Terminator Die	11-40-2179	12-14 (3.30-2.00)	3.88 (0.153) max.	5.59-6.35 (0.220-0.250)
PZ-4152	Terminator Die	11-40-2185	12-14 (3.30-2.00)	3.88 (0.153) max.	5.59-6.35 (0.220-0.250)

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
 For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
 Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies



**Cross Reference by
Tool Order Number**

ORDERING INFORMATION

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-01-0193	5194	Hand Tool	18-24 (0.80-0.20)	1.32-3.20 (0.052-0.126)	3.00-3.50 (0.118-0.138)	CR5904	11-11-0339
11-01-0210	6838	Hand Tool	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	HTR2445A2	11-11-0163
11-01-0006	1433	Hand Tool	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)	HTR2262	
11-01-0006	1434	Hand Tool	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)	HTR2262	
11-01-0006	1881	Hand Tool	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)	HTR2262	
11-01-0006	6308	Hand Tool	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)	HTR2262	
11-01-0006	6893	Hand Tool	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)	HTR2262	
11-01-0006	6894	Hand Tool	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)	HTR2262	
11-01-0006	2799	Hand Tool	24-28 (0.20-0.08)	1.77 (0.070) max.	3.96-5.54 (0.156-0.218)	HTR2262	
11-01-0006	4549	Hand Tool	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0006	4550	Hand Tool	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0008	1560	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1719C	11-11-0147
11-01-0008	1561	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1719C	11-11-0147
11-01-0008	1786	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1719C	11-11-0147
11-01-0008	1787	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1719C	11-11-0147
11-01-0008	1799	Hand Tool	18-24 (0.80-0.20)	3.18 (0.125) max.	3.17-4.74 (0.125-0.187)	HTR1719C	11-11-0147
11-01-0008	1943	Hand Tool	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-4.74 (0.125-0.187)	HTR1719C	11-11-0147
11-01-0008	4295	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	HTR1719C	11-11-0147
11-01-0008	4529	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	HTR1719C	11-11-0147
11-01-0008	5005	Hand Tool	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)	HTR1719C	11-11-0147
11-01-0008	5006	Hand Tool	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)	HTR1719C	11-11-0147
11-01-0008	6770	Hand Tool	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	HTR1719C	11-11-0147
11-01-0008	7291	Hand Tool	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	HTR1719C	11-11-0147
11-01-0008	8960	Hand Tool	18-24 (0.80-0.20)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)	HTR1719C	11-11-0147
11-01-0008	6361	Hand Tool	18-22 (0.80-0.35)	3.05 (0.120) max.	2.54-3.17 (0.100-0.125)	HTR1719C	11-11-0147
11-01-0011	2697	Hand Tool	12-20 (3.30-0.50)	4.78 (0.188) max.	3.17-3.96 (0.125-0.156)	HTR1758	
11-01-0014	1189	Hand Tool	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	HT1919	
11-01-0014	1190	Hand Tool	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	HT1919	
11-01-0015	1433	Hand Tool	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)	HT1921	
11-01-0015	1434	Hand Tool	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)	HT1921	
11-01-0015	1854	Hand Tool	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)	HT1921	
11-01-0015	1855	Hand Tool	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)	HT1921	
11-01-0015	1560	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HT1921	
11-01-0015	1561	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HT1921	
11-01-0022	90119	Insertion	26-28 (0.12-0.08)	1.45 (0.057) max.	2.80-3.30 (0.110-0.130)	HT17159	
11-01-0026	5168	Hand Tool	22-28 (0.35-0.08)	1.70 (0.067) max.	2.54-3.17 (0.100-0.125)	HTR2445A	11-11-0148
11-01-0026	2578	Hand Tool	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)	HTR2445A	11-11-0148
11-01-0026	7258	Hand Tool	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)	HTR2445A	11-11-0148
11-01-0026	4838	Hand Tool	20-22 (0.50-0.35)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)	HTR2445A	11-11-0148
11-01-0026	2477	Hand Tool	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	HTR2445A	11-11-0148
11-01-0026	2478	Hand Tool	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	HTR2445A	11-11-0148
11-01-0026	2878	Hand Tool	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	HTR2445A	11-11-0148
11-01-0026	5167	Hand Tool	18-24 (0.80-0.20)	2.49 (0.098) max.	2.54-3.17 (0.100-0.125)	HTR2445A	11-11-0148
11-01-0026	6438	Hand Tool	18-24 (0.80-0.20)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)	HTR2445A	11-11-0148
11-01-0026	8993	Hand Tool	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	HTR2445A	11-11-0148
11-01-0026	8818	Hand Tool	18-22 (0.80-0.35)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)	HTR2445A	11-11-0148
11-01-0037	1854	Hand Tool	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)	HTR2262A	11-11-0154
11-01-0037	1855	Hand Tool	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)	HTR2262A	11-11-0154
11-01-0037	2759	Hand Tool	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	HTR2262A	11-11-0154
11-01-0037	1560	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	HTR2262A	11-11-0154
11-01-0037	1561	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	HTR2262A	11-11-0154
11-01-0065	4706	Hand Tool	16-18 (1.30-0.80)	3.00 (0.118) max.	5.94-6.35 (0.234-0.250)	HTR4971	
11-01-0066	4706	Hand Tool	16-18 (1.30-0.80)	1.77 (0.070) max.	5.94-6.35 (0.234-0.250)	HTR4971B	
11-01-0067	4706	Hand Tool	18-24 (0.80-0.20)	1.77 (0.070) max.	5.94-6.35 (0.234-0.250)	HTR4971C	
11-01-0068	4706	Hand Tool	18-24 (0.80-0.20)	2.79 (0.110) max.	5.94-6.35 (0.234-0.250)	HTR4971D	
11-01-0084	2236	Hand Tool	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	2237	Hand Tool	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	1380	Hand Tool	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	1381	Hand Tool	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	2151	Hand Tool	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104

Application Tooling

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)



Crimp Application Tooling

Cross Reference by Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-01-0084	2152	Hand Tool	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	2273	Hand Tool	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	4272	Hand Tool	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	6271	Hand Tool	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	8058	Hand Tool	18-22 (0.80-0.35)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	1881	Hand Tool	16-24 (1.30-0.20)	3.51 (0.138) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	1973	Hand Tool	16-24 (2.00-0.80)	1.50-3.56 (0.065-0.140)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	4296	Hand Tool	16-22 (1.30-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	2046	Hand Tool	16-18 (1.30-0.80)	3.05 (0.120) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	2047	Hand Tool	16-18 (1.30-0.80)	3.05 (0.120) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	1189	Hand Tool	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	1190	Hand Tool	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	1450	Hand Tool	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	1451	Hand Tool	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	2269	Hand Tool	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	4549	Hand Tool	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	4550	Hand Tool	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	6310	Hand Tool	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	2282	Hand Tool	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	2283	Hand Tool	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	7238	Hand Tool	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0084	7239	Hand Tool	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0104
11-01-0085	41817	Hand Tool	22-26 (0.35-0.12)	1.52 (0.060) max.	5.94-6.35 (0.234-0.250)	HTR4971E	
11-01-0085	4811	Hand Tool	22-26 (0.35-0.12)	1.52 (0.060) max.	5.97-6.35 (0.234-0.250)	HTR4971E	
11-01-0086	4811	Hand Tool	22-24 (0.35-0.20)	2.54 (0.100) max.	5.94-6.35 (0.234-0.250)	HTR4971F	
11-01-0088	2107	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	HTR4059A	
11-01-0088	2108	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	HTR4059A	
11-01-0097	2870	Hand Tool	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)	HTR7176	11-11-0104
11-01-0097	2871	Hand Tool	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)	HTR7176	11-11-0104
11-01-0101	2176	Hand Tool	14-20 (2.00-0.50)	3.42 (0.135) max.	3.55-4.74 (0.140-0.187)	HTR2450A	
11-01-0101	2328	Hand Tool	14-20 (2.00-0.50)	3.18 (0.125) max.	3.55-4.74 (0.140-0.187)	HTR2450A	
11-01-0101	2576	Hand Tool	14-20 (2.00-0.50)	3.42 (0.135) max.	3.55-4.74 (0.140-0.187)	HTR2450A	
11-01-0101	2698	Hand Tool	14-20 (2.00-0.50)	3.18 (0.125) max.	3.96-5.54 (0.156-0.218)	HTR2450A	
11-01-0101	7676	Hand Tool	14-20 (2.00-0.50)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)	HTR2450A	
11-01-0101	1508	Hand Tool	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR2450A	
11-01-0112	4787	Hand Tool	20-24 (0.50-0.20)	1.77 (0.070) max.	2.03-4.75 (0.156-0.187)	HTR8544	
11-01-0112	4787	Hand Tool	16-20 (1.30-0.50)	3.05 (0.120) max.	2.03-4.75 (0.156-0.187)	HTR8544	
11-01-0114	5205	Hand Tool	14-18 (2.00-0.80)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)	HTR8553	11-26-7034
11-01-0114	5206	Hand Tool	14-18 (2.00-0.80)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)	HTR8553	11-26-7034
11-01-0117	41051	Hand Tool	22-24 (0.35-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	HTR8558A	
11-01-0149	41483	Hand Tool	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)	HTR6068A	11-11-0345
11-01-0149	42138	Hand Tool	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)	HTR6068A	11-11-0345
11-01-0167	42023	Hand Tool	14-20 (2.00-0.50)	1.52-3.30 (0.060-0.130)	3.96-5.54 (0.156-0.218)	HTR60687	
11-01-0167	42024	Hand Tool	14-20 (2.00-0.50)	1.52-3.30 (0.060-0.130)	3.96-5.54 (0.156-0.218)	HTR60687	
11-01-0168	42023	Extraction	14-20 (2.00-0.50)	1.52-3.30 (0.060-0.130)	3.96-5.54 (0.156-0.218)		
11-01-0168	42024	Extraction	14-20 (2.00-0.50)	1.52-3.30 (0.060-0.130)	3.96-5.54 (0.156-0.218)		
11-01-0177	41051	Hand Tool	22-24 (0.35-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	HTR8558A	
11-01-0180	41422	Hand Tool	10-13 (5.00-3.30)	4.83 (0.190) max.	5.59-6.35 (0.220-0.250)	HTR60913A	
11-01-0181	41422	Hand Tool	14-18 (2.00-0.81)	3.10 (0.122) max.	5.59-6.35 (0.220-0.250)	HTR60913B	
11-01-0182	94506	Hand Tool	14-18 (2.00-0.80)	3.68 (0.145) max.	6.00-7.00 (0.240-0.270)	HTR60914A	
11-01-0185	1854	Hand Tool	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)	CR2262C	11-11-0311
11-01-0185	1855	Hand Tool	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)	CR2262C	11-11-0311
11-01-0185	2189	Hand Tool	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)	CR2262C	11-11-0311
11-01-0185	2190	Hand Tool	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)	CR2262C	11-11-0311
11-01-0185	4559	Hand Tool	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)	CR2262C	11-11-0311
11-01-0185	2759	Hand Tool	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	CR2262C	11-11-0311
11-01-0185	40445	Hand Tool	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	CR2262C	11-11-0311
11-01-0185	41572	Hand Tool	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	CR2262C	11-11-0311
11-01-0185	4809	Hand Tool	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	CR2262C	11-11-0311
11-01-0185	6459	Hand Tool	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	CR2262C	11-11-0311
11-01-0185	7879	Hand Tool	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	CR2262C	11-11-0311
11-01-0185	5159	Hand Tool	22-28 (0.35-0.08)	1.20-1.70 (0.047-0.067)	2.80-3.40 (0.110-0.133)	CR2262C	11-11-0311
11-01-0189	5103	Hand Tool	22-28 (0.35-0.08)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)	CR5907	11-11-0336
11-01-0194	5263	Hand Tool	22-28 (0.35-0.08)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)	CR5974	11-11-0337
11-01-0195	5230	Hand Tool	22-30 (0.35-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)	CR5905	11-11-0335

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order

For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13

Always review proper operating instructions enclosed with your crimp tool

Application Tooling



ORDERING INFORMATION (CONTINUED)



Cross Reference by
Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-01-0197	30490	Hand Tool	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	CR60622B	11-11-0377
11-01-0197	5556	Hand Tool	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	CR60622B	11-11-0377
11-01-0197	5558	Hand Tool	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	CR60622B	11-11-0377
11-01-0197	44476	Hand Tool	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	CR60622B	11-11-0377
11-01-0197	44476	Hand Tool	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	CR60622B	11-11-0377
11-01-0197	44478	Hand Tool	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	CR60622B	11-11-0377
11-01-0197	44478	Hand Tool	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	CR60622B	11-11-0377
11-01-0198	5556	Hand Tool	22-28 (0.35-0.08)	0.80-1.40 (0.031-0.055)	2.80-3.30 (0.110-0.130)	CR60639B	11-11-0377
11-01-0198	5558	Hand Tool	22-28 (0.35-0.08)	0.80-1.40 (0.031-0.055)	2.80-3.30 (0.110-0.130)	CR60639B	11-11-0377
11-01-0199	44476	Hand Tool	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	CR60670B	11-11-0376
11-01-0199	44478	Hand Tool	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	CR60670B	11-11-0376
11-01-0199	5556	Hand Tool	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	CR60670B	11-11-0376
11-01-0199	5558	Hand Tool	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	CR60670B	11-11-0376
11-01-0200	43030	Hand Tool	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	CR60924A	11-11-0378
11-01-0200	43030	Hand Tool	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	CR60924A	11-11-0378
11-01-0201	43031	Hand Tool	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	CR60925A	11-11-0379
11-01-0201	43031	Hand Tool	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	CR60925A	11-11-0379
11-01-0202	42824	Hand Tool	12-14 (3.30-2.00)	4.19 (0.165) max.	4.34-5.16 (0.171-0.203)	HTR4067B	11-11-0345
11-01-0202	42825	Hand Tool	12-14 (3.30-2.00)	4.19 (0.165) max.	4.34-5.16 (0.171-0.203)	HTR4067B	11-11-0345
11-01-0202	1900	Hand Tool	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)	HTR4067B	11-11-0345
11-01-0202	1901	Hand Tool	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)	HTR4067B	11-11-0345
11-01-0202	42546	Hand Tool	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)	HTR4067B	11-11-0345
11-01-0202	42547	Hand Tool	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)	HTR4067B	11-11-0345
11-01-0203	4573	Hand Tool	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)	CR6115B	11-11-0339
11-01-0203	4574	Hand Tool	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)	CR6115B	11-11-0339
11-01-0203	1797	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	CR6115B	11-11-0339
11-01-0203	4366	Hand Tool	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	CR6115B	11-11-0339
11-01-0204	50394	Hand Tool	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	1.30-1.80 (0.051-0.071)	CR60927A	11-11-0381
11-01-0205	35021	Hand Tool	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	1.80-2.18 (0.071-0.086)	CR60928A	11-11-0382
11-01-0206	8980	Hand Tool	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.54 (0.156-0.218)	CR1031E	11-11-0311
11-01-0206	8980	Hand Tool	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	CR1031E	11-11-0311
11-01-0207	42477	Hand Tool	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR60911B	11-11-0380
11-01-0207	42478	Hand Tool	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR60911B	11-11-0380
11-01-0208	70021	Hand Tool	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)	CR60930A	11-11-0383
11-01-0208	70058	Hand Tool	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)	CR60930A	11-11-0383
11-01-0208	71851	Hand Tool	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)	CR60930A	11-11-0383
11-01-0208	50088	Hand Tool	22-24			CR60930A	11-11-0383
11-01-0208	70021	Hand Tool	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)	CR60930A	11-11-0383
11-01-0208	70058	Hand Tool	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)	CR60930A	11-11-0383
11-01-0208	71851	Hand Tool	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)	CR60930A	11-11-0383
11-01-0209	70021	Hand Tool	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)	CR60930B	11-11-0383
11-01-0209	70058	Hand Tool	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)	CR60930B	11-11-0383
11-01-0209	71851	Hand Tool	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)	CR60930B	11-11-0383
11-01-0209	50087	Hand Tool	24-30			CR60930B	11-11-0383
11-01-0209	70021	Hand Tool	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)	CR60930B	11-11-0383
11-01-0209	70058	Hand Tool	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)	CR60930B	11-11-0383
11-01-0209	71851	Hand Tool	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)	CR60930B	11-11-0383
11-01-0211	1457	Hand Tool	18-22 (0.80-0.35)	2.59 (0.102) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0384
11-01-0211	1457	Hand Tool	14-16 (2.00-1.30)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)	HTR1031E	11-11-0384
11-01-0212	6838	Hand Tool	18-24 (0.80-0.20)	2.16 (0.085) max.	2.54-3.17 (0.100-0.125)	HTR2445A3	11-11-0163
11-02-0001	1854	Insertion	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-02-0001	1854	Insertion	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-02-0001	1855	Insertion	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-02-0001	1855	Insertion	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-02-0001	2189	Insertion	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)		
11-02-0001	2190	Insertion	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)		
11-02-0001	4559	Insertion	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-02-0001	1854	Insertion	24 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-02-0001	1855	Insertion	24 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-02-0001	1560	Insertion	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0001	1560	Insertion	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0001	1561	Insertion	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0001	1561	Insertion	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0001	1561	Insertion	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		

Application Tooling

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order. For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13. Always review proper operating instructions enclosed with your crimp tool.

ORDERING INFORMATION (CONTINUED)

**Cross Reference by
Tool Order Number**

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-02-0001	1786	Insertion	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0001	1787	Insertion	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0001	1797	Insertion	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)		
11-02-0001	4529	Insertion	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)		
11-02-0001	6770	Insertion	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)		
11-02-0001	7291	Insertion	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)		
11-02-0003	1433	Insertion	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	1433	Insertion	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)		
11-02-0003	1434	Insertion	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	1434	Insertion	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)		
11-02-0003	6308	Insertion	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	6893	Insertion	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	6894	Insertion	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	1433	Insertion	24 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)		
11-02-0003	1434	Insertion	24 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)		
11-02-0003	2870	Insertion	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)		
11-02-0003	2871	Insertion	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)		
11-02-0003	2236	Insertion	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	2237	Insertion	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	1380	Insertion	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0003	1381	Insertion	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0003	2151	Insertion	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0003	2152	Insertion	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0003	2273	Insertion	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0003	4272	Insertion	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0003	6271	Insertion	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-02-0003	1973	Insertion	16-24 (2.00-0.80)	1.50-3.56 (0.065-0.140)	3.96-5.54 (0.156-0.218)		
11-02-0003	1189	Insertion	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-02-0003	1189	Insertion	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-02-0003	1189	Insertion	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-02-0003	1190	Insertion	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-02-0003	1190	Insertion	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-02-0003	1450	Insertion	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	1451	Insertion	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	2269	Insertion	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	4549	Insertion	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	4550	Insertion	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	6310	Insertion	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-02-0003	2282	Insertion	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	2283	Insertion	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	42477	Insertion	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	42478	Insertion	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	7238	Insertion	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0003	7239	Insertion	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0007	1457	Insertion	18-22 (0.80-0.35)	2.59 (0.102) max.	3.96-5.54 (0.156-0.218)		
11-02-0007	1457	Insertion	14-16 (2.00-1.30)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-02-0017	4811	Insertion	22-26 (0.35-0.12)	1.52 (0.060) max.	5.97-6.35 (0.234-0.250)		
11-02-0017	4811	Insertion	22-24 (0.35-0.20)	2.54 (0.100) max.	5.94-6.35 (0.234-0.250)		
11-02-0022	70021	Insertion	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)		
11-02-0022	70058	Insertion	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)		
11-02-0022	71851	Insertion	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)		
11-02-0022	70021	Insertion	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)		
11-02-0022	70058	Insertion	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)		
11-02-0022	71851	Insertion	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)		
11-02-0022	50087	Insertion	24-30				
11-02-0022	70021	Insertion	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-02-0022	70058	Insertion	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-02-0022	71851	Insertion	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-02-0022	50088	Insertion	22-24				
11-02-0022	70021	Insertion	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-02-0022	70058	Insertion	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-02-0022	71851	Insertion	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-02-0022	90119	Insertion	22-24 (0.35-0.22)	1.63 (0.064) max.	2.80-3.30 (0.110-0.130)	HTA60615	
11-03-0001	2697	Extraction	12-20 (3.30-0.50)	4.78 (0.188) max.	3.17-3.96 (0.125-0.156)		
11-03-0001	2697	Extraction	12-20 (3.30-0.50)	5.84 (0.230) max.	3.17-3.96 (0.125-0.156)		

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order

For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13

Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

**Cross Reference by
Tool Order Number**

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-03-0002	1854	Extraction	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-03-0002	1854	Extraction	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-03-0002	1855	Extraction	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-03-0002	1855	Extraction	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-03-0002	2189	Extraction	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)		
11-03-0002	2190	Extraction	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.96 (0.125-0.156)		
11-03-0002	4559	Extraction	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-03-0002	1854	Extraction	24 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-03-0002	1855	Extraction	24 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-03-0002	1560	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0002	1560	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0002	1560	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0002	1561	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0002	1561	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0002	1561	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0002	1786	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0002	1787	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0002	4529	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)		
11-03-0002	6770	Extraction	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)		
11-03-0002	7291	Extraction	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)		
11-03-0003	4573	Extraction	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-03-0003	4574	Extraction	24-30 (0.20-0.05)	1.01-2.27 (0.040-0.090)	3.17-3.96 (0.125-0.156)		
11-03-0003	1797	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)		
11-03-0003	1799	Extraction	18-24 (0.80-0.20)	3.18 (0.125) max.	3.17-4.74 (0.125-0.187)		
11-03-0003	4295	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)		
11-03-0003	4366	Extraction	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)		
11-03-0003	8058	Extraction	18-22 (0.80-0.35)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	1433	Extraction	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	1433	Extraction	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)		
11-03-0006	1434	Extraction	24-30 (0.20-0.05)	0.64 (0.025) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	1434	Extraction	24-30 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)		
11-03-0006	6308	Extraction	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	6893	Extraction	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	6894	Extraction	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	1433	Extraction	24 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)		
11-03-0006	1434	Extraction	24 (0.20-0.05)	0.76-1.52 (0.030-0.060)	3.96-5.54 (0.156-0.218)		
11-03-0006	2870	Extraction	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)		
11-03-0006	2871	Extraction	22-24 (0.35-0.20)	1.27-1.78 (0.050-0.070)	3.96-5.54 (0.156-0.218)		
11-03-0006	1380	Extraction	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0006	1381	Extraction	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0006	2151	Extraction	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0006	2152	Extraction	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0006	2273	Extraction	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0006	4272	Extraction	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0006	6271	Extraction	18-22 (0.80-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0006	8058	Extraction	18-22 (0.80-0.35)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	1189	Extraction	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-03-0006	1189	Extraction	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-03-0006	1189	Extraction	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-03-0006	1190	Extraction	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-03-0006	1190	Extraction	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-03-0006	1450	Extraction	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	1451	Extraction	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	2269	Extraction	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	6310	Extraction	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)		
11-03-0006	41483	Extraction	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)		
11-03-0006	42138	Extraction	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)		
11-03-0006	42477	Extraction	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	42478	Extraction	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	7238	Extraction	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0006	7239	Extraction	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0008	2236	Extraction	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)		
11-03-0008	2237	Extraction	20-22 (0.50-0.35)	1.52 (0.060) max.	3.96-5.54 (0.156-0.218)		
11-03-0008	2046	Extraction	16-18 (1.30-0.80)	3.05 (0.120) max.	3.96-5.54 (0.156-0.218)		
11-03-0008	2047	Extraction	16-18 (1.30-0.80)	3.05 (0.120) max.	3.96-5.54 (0.156-0.218)		

Application Tooling

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

**Cross Reference by
Tool Order Number**

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-03-0008	2282	Extraction	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0008	2283	Extraction	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0008	1900	Extraction	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)		
11-03-0008	1901	Extraction	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)		
11-03-0008	42546	Extraction	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)		
11-03-0008	42547	Extraction	10-12 (5.00-3.30)	4.57 (0.180) max.	3.96-5.54 (0.156-0.218)		
11-03-0010	1943	Extraction	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-4.74 (0.125-0.187)		
11-03-0016	2799	Extraction	24-28 (0.20-0.08)	1.77 (0.070) max.	3.96-5.54 (0.156-0.218)		
11-03-0016	2578	Extraction	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)		
11-03-0016	7258	Extraction	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)		
11-03-0016	4838	Extraction	20-22 (0.50-0.35)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)		
11-03-0016	2477	Extraction	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)		
11-03-0016	2478	Extraction	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)		
11-03-0016	2878	Extraction	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)		
11-03-0016	5167	Extraction	18-24 (0.80-0.20)	2.49 (0.098) max.	2.54-3.17 (0.100-0.125)		
11-03-0016	6438	Extraction	18-24 (0.80-0.20)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)		
11-03-0016	6838	Extraction	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)		
11-03-0016	6838	Extraction	18-24 (0.80-0.20)	2.16 (0.085) max.	2.54-3.17 (0.100-0.125)		
11-03-0016	8993	Extraction	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)		
11-03-0016	8818	Extraction	18-22 (0.80-0.35)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)		
11-03-0016	2176	Extraction	14-20 (2.00-0.50)	3.42 (0.135) max.	3.55-4.74 (0.140-0.187)		
11-03-0016	2328	Extraction	14-20 (2.00-0.50)	3.18 (0.125) max.	3.55-4.74 (0.140-0.187)		
11-03-0016	2576	Extraction	14-20 (2.00-0.50)	3.42 (0.135) max.	3.55-4.74 (0.140-0.187)		
11-03-0016	2698	Extraction	14-20 (2.00-0.50)	3.18 (0.125) max.	3.96-5.54 (0.156-0.218)		
11-03-0016	7676	Extraction	14-20 (2.00-0.50)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)		
11-03-0016	1508	Extraction	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0017	1973	Extraction	16-24 (2.00-0.80)	1.50-3.56 (0.065-0.140)	3.96-5.54 (0.156-0.218)		
11-03-0022	2759	Extraction	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)		
11-03-0022	40445	Extraction	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)		
11-03-0022	41572	Extraction	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)		
11-03-0022	4809	Extraction	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)		
11-03-0022	6459	Extraction	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)		
11-03-0022	7879	Extraction	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	HT2759	
11-03-0025	4296	Extraction	16-22 (1.30-0.35)	1.52-3.05 (0.060-0.120)	3.96-5.54 (0.156-0.218)		
11-03-0036	70021	Extraction	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)		
11-03-0036	70058	Extraction	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)		
11-03-0036	71851	Extraction	32-36	0.43-0.64 (0.017-0.025)	2.54-3.17 (0.100-0.125)		
11-03-0036	70021	Extraction	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)		
11-03-0036	70058	Extraction	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)		
11-03-0036	71851	Extraction	26-30 (0.20-0.05)	1.02-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)		
11-03-0036	50087	Extraction	24-30				
11-03-0036	70021	Extraction	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-03-0036	70058	Extraction	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-03-0036	71851	Extraction	24 (0.02)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-03-0036	50088	Extraction	22-24				
11-03-0036	70021	Extraction	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-03-0036	70058	Extraction	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-03-0036	71851	Extraction	22-24 (0.35-0.20)	1.09-1.65 (0.043-0.065)	2.54-3.17 (0.100-0.125)		
11-03-0036	90119	Extraction	26-28 (0.12-0.08)	1.45 (0.057) max.	2.80-3.30 (0.110-0.130)	HT71800	
11-03-0036	90119	Extraction	22-24 (0.35-0.22)	1.63 (0.064) max.	2.80-3.30 (0.110-0.130)	HT71800	
11-03-0037	8980	Extraction	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.54 (0.156-0.218)		
11-03-0037	8980	Extraction	14-20 (2.00-0.50)	3.55 (0.140) max.	3.96-5.54 (0.156-0.218)		
11-03-0043	43030	Extraction	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)		
11-03-0043	43030	Extraction	26-30 (0.14-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)		
11-03-0043	43031	Extraction	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)		
11-03-0043	43031	Extraction	26-30 (0.14-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)		
11-03-0043	43030	Extraction	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)		
11-03-0043	43030	Extraction	20-24 (0.56-0.22)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)		
11-03-0043	43031	Extraction	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)		
11-03-0043	43031	Extraction	20-24 (0.56-0.22)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)		
11-03-0044	5556	Extraction	22-28 (0.35-0.08)	0.80-1.40 (0.031-0.055)	2.80-3.30 (0.110-0.130)		
11-03-0044	5558	Extraction	22-28 (0.35-0.08)	0.80-1.40 (0.031-0.055)	2.80-3.30 (0.110-0.130)		
11-03-0044	30490	Extraction	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)		
11-03-0044	5556	Extraction	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)		
11-03-0044	5558	Extraction	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)		

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order

For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13

Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by
Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-03-0044	44476	Extraction	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)		
11-03-0044	44476	Extraction	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)		
11-03-0044	44478	Extraction	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)		
11-03-0044	5556	Extraction	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)		
11-03-0044	5558	Extraction	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)		
11-03-0045	87568	Extraction					
11-03-0046	42824	Extraction	12-14 (3.30-2.00)	4.19 (0.165) max.	4.34-5.16 (0.171-0.203)		
11-03-0046	42825	Extraction	12-14 (3.30-2.00)	4.19 (0.165) max.	4.34-5.16 (0.171-0.203)		
11-18-2001	2759	Mini-Mac	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	60703A	11-18-3001
11-18-2002	5556	Mini-Mac	18-24 (0.80-0.20)	3.00 (0.118) max.	3.00-3.50 (0.118-0.138)	60704A	11-18-3002
11-18-2002	5558	Mini-Mac	18-24 (0.80-0.20)	3.00 (0.118) max.	3.00-3.50 (0.118-0.138)	60704A	11-18-3002
11-18-2003	5556	Mini-Mac	22-28 (0.35-0.08)	1.80 (0.071) max.	2.80-3.30 (0.110-0.130)	60704B	11-18-3003
11-18-2003	5558	Mini-Mac	22-28 (0.35-0.08)	1.80 (0.071) max.	2.80-3.30 (0.110-0.130)	60704B	11-18-3003
11-18-2004	1508	Mini-Mac	16-20 (1.30-0.50)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	60705A	11-18-3004
11-18-2005	1189	Mini-Mac	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	60706A	11-18-3005
11-18-2005	1190	Mini-Mac	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	60706A	11-18-3005
11-18-2006	1380	Mini-Mac	18-22 (0.80-0.35)	2.29 (0.090) max.	3.96-5.53 (0.156-0.218)	60706B	11-18-3006
11-18-2006	1381	Mini-Mac	18-22 (0.80-0.35)	2.29 (0.090) max.	3.96-5.53 (0.156-0.218)	60706B	11-18-3006
11-18-2007	1380	Mini-Mac	18-22 (0.80-0.35)	2.29 (0.090) max.	3.96-5.53 (0.156-0.218)	60706C	11-18-3007
11-18-2007	1381	Mini-Mac	18-22 (0.80-0.35)	2.29 (0.090) max.	3.96-5.53 (0.156-0.218)	60706C	11-18-3007
11-18-2008	1433	Mini-Mac	22-30 (0.35-0.05)	1.52 (0.060) max.	3.96-5.53 (0.156-0.218)	60706D	11-18-3008
11-18-2008	1434	Mini-Mac	22-30 (0.35-0.05)	1.52 (0.060) max.	3.96-5.53 (0.156-0.218)	60706D	11-18-3008
11-18-2009	1189	Mini-Mac	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	60706E	11-18-3009
11-18-2009	1190	Mini-Mac	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	60706E	11-18-3009
11-18-2010	1881	Mini-Mac	16-24 (1.30-0.20)	2.92 (0.115) max.	3.96-5.54 (0.156-0.218)	60706F	11-18-3010
11-18-2010	1881	Mini-Mac	16-24 (1.30-0.20)	3.51 (0.138) max.	3.96-5.54 (0.156-0.218)	60706F	11-18-3010
11-18-2011	1973	Mini-Mac	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.54 (0.156-0.218)	60706G	11-18-3011
11-18-2012	2870	Mini-Mac	22-24 (0.35-0.20)	1.77 (0.070) max.	3.96-5.53 (0.156-0.218)	60706H	11-18-3012
11-18-2012	2871	Mini-Mac	22-24 (0.35-0.20)	1.77 (0.070) max.	3.96-5.53 (0.156-0.218)	60706H	11-18-3012
11-18-2013	7238	Mini-Mac	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)	60706J	11-18-3013
11-18-2013	7239	Mini-Mac	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)	60706J	11-18-3013
11-18-2014	70021	Mini-Mac	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.56 (0.125-0.140)	60710A	11-18-3014
11-18-2015	70021	Mini-Mac	32-36 (0.03-0.01)	0.63 (0.025) max.	3.17-3.56 (0.125-0.140)	60710B	11-18-3015
11-18-2016	70021	Mini-Mac	22-24 (0.35-0.20)	1.63 (0.064) max.	3.17-3.56 (0.125-0.140)	60710C	11-18-3016
11-18-2017	1560	Mini-Mac	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	60707A	11-18-3017
11-18-2017	1561	Mini-Mac	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	60707A	11-18-3017
11-18-2017	1786	Mini-Mac	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	60707A	11-18-3017
11-18-2017	1787	Mini-Mac	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	60707A	11-18-3017
11-18-2017	6770	Mini-Mac	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	60707A	11-18-3017
11-18-2017	7291	Mini-Mac	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	60707A	11-18-3017
11-18-2018	70058	Mini-Mac	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.56 (0.125-0.140)	60709A	11-18-3018
11-18-2019	70058	Mini-Mac	22-24 (0.35-0.20)	1.63 (0.064) max.	3.17-3.56 (0.125-0.140)	60709B	11-18-3019
11-18-2019	71851	Mini-Mac	22-24 (0.35-0.20)	1.63 (0.064) max.	2.54-3.17 (0.100-0.125)	60709B	11-18-3019
11-18-2020	70058	Mini-Mac	32-36 (0.03-0.01)	0.64 (0.025) max.	3.17-3.56 (0.125-0.140)	60709C	11-18-3020
11-18-2020	70058	Mini-Mac	32-36 (0.03-0.01)	0.64 (0.025) max.	3.17-3.56 (0.125-0.140)	60709C	11-18-3020
11-18-2020	71851	Mini-Mac	32-36 (0.03-0.01)	0.64 (0.025) max.	2.54-3.17 (0.100-0.125)	60709C	11-18-3020
11-18-2021	2478	Mini-Mac	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	60712A	11-18-3023
11-18-2021	4838	Mini-Mac	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	60712A	11-18-3023
11-18-2022	2578	Mini-Mac	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)	60712B	11-18-3021
11-18-2022	7258	Mini-Mac	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)	60712B	11-18-3021
11-18-2023	8818	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	60712C	11-18-3022
11-18-2024	1854	Mini-Mac	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)	60707B	11-18-3024
11-18-2024	1855	Mini-Mac	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)	60707B	11-18-3024
11-18-2024	2189	Mini-Mac	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)	60707B	11-18-3024
11-18-2024	2190	Mini-Mac	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)	60707B	11-18-3024
11-18-2024	4559	Mini-Mac	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)	60707B	11-18-3024
11-18-2027	4529	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	60707E	11-18-3027
11-18-2028	82023	Mini-Mac	26-28 (0.12-0.08)	1.02 (0.040) max.	2.03-2.54 (0.080-0.100)	60715B	11-18-3028
11-18-2028	82024	Mini-Mac	26-28 (0.12-0.08)	1.02 (0.040) max.	2.03-2.54 (0.080-0.100)	60715B	11-18-3028
11-18-2029	82023	Mini-Mac	20-24 (0.50-0.20)	1.52 (0.060) max.	2.03-2.54 (0.080-0.100)	60715A	11-18-3029
11-18-2029	82024	Mini-Mac	20-24 (0.50-0.20)	1.52 (0.060) max.	2.03-2.54 (0.080-0.100)	60715A	11-18-3029
11-18-2033	2046	Mini-Mac	16-20 (1.30-0.50)	3.05 (0.120) max.	4.06-5.59 (0.160-0.220)	60708B	11-18-3033
11-18-2033	2047	Mini-Mac	16-20 (1.30-0.50)	3.05 (0.120) max.	4.06-5.59 (0.160-0.220)	60708B	11-18-3033
11-18-2036	6482	Mini-Mac	14-18 (2.00-0.80)	3.55 (0.140) max.	3.81-4.32 (0.150-0.170)	60718A	11-18-3036
11-18-2037	7879	Mini-Mac	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.96 (0.125-0.156)	60713C	11-18-3037

Application Tooling

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)



Crimp Application Tooling

Cross Reference by
Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-18-2038	7879	Mini-Mac	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.96 (0.125-0.156)	60713A	11-18-3032
11-18-2039	40144	Mini-Mac	32 (0.03)	0.78 (0.031) max.	3.17-3.96 (0.125-0.156)	60713B	11-18-3039
11-18-2040	2176	Mini-Mac	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)	60711A	11-18-3040
11-18-2040	2328	Mini-Mac	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)	60711A	11-18-3040
11-18-2040	2576	Mini-Mac	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)	60711A	11-18-3040
11-18-2040	7676	Mini-Mac	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)	60711A	11-18-3040
11-18-2041	2799	Mini-Mac	22-28 (0.35-0.08)	1.73 (0.068) max.	3.55-4.74 (0.140-0.187)	60711B	11-18-3041
11-18-2042	4706	Mini-Mac	16-24 (1.30-0.20)	2.79 (0.110) max.	5.97-6.35 (0.235-0.250)	60714A	11-18-3042
11-18-2043	4706	Mini-Mac	18-24 (0.80-0.20)	3.05 (0.120) max.	5.97-6.35 (0.235-0.250)	60714B	11-18-3043
11-18-2044	5194	Mini-Mac	18-24 (0.80-0.20)	3.20 (0.126) max.	3.00-3.50 (0.118-0.138)	60716A	11-18-3044
11-18-2045	5225	Mini-Mac	22-28 (0.35-0.08)	2.30-3.20 (0.090-0.126)	3.00-3.50 (0.118-0.138)	60716B	11-18-3045
11-18-2048	4811	Mini-Mac	22-26 (0.35-0.12)	2.29-2.54 (0.090-0.100)	5.97-6.35 (0.235-0.250)	60702A	11-18-3048
11-18-2048	4811	Mini-Mac	22 (0.35)	2.29-2.54 (0.090-0.100)	5.97-6.35 (0.235-0.250)	MA60702A	11-18-3048
11-18-2049	41817	Mini-Mac	22-26 (0.35-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)	60702B	11-18-3049
11-18-2049	4811	Mini-Mac	22-26 (0.35-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)	60702B	11-18-3049
11-18-2049	4811	Mini-Mac	22-26 (0.35-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)	MA60702B	11-18-3049
11-18-2049	5190	Mini-Mac	22-26 (0.35-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)	60702B	11-18-3049
11-18-2051	1917	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	3.05-3.56 (0.120-0.140)	60720A	11-18-3051
11-18-2051	4366	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	3.05-3.56 (0.120-0.140)	60720A	11-18-3051
11-18-2056	1457	Mini-Mac	18-22 (0.80-0.35)	3.42 (0.135) max.	3.96-5.53 (0.156-0.218)	60719A	11-18-3052
11-18-2057	1457	Mini-Mac	14-16 (2.00-1.30)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	60719B	11-18-3053
11-18-2058	2482	Mini-Mac	10-16 (5.00-1.30)	4.19 (0.165) max.	3.81-4.32 (0.150-0.170)	60718B	11-18-3054
11-18-2062	5263	Mini-Mac	22-28 (0.35-0.08)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)	60722A	11-18-3058
11-18-2065	2759	Mini-Mac	24-30 (0.20-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	60703B	11-18-3061
11-18-2068	41951	Mini-Mac	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.56 (0.125-0.140)	60727A	11-18-3064
11-18-2069	5556	Mini-Mac	16-20 (1.30-0.50)	3.00 (0.118) max.	3.00-3.50 (0.118-0.138)	60704C	11-18-3065
11-18-2069	5558	Mini-Mac	16-20 (1.30-0.50)	3.00 (0.118) max.	3.00-3.50 (0.118-0.138)	60704C	11-18-3065
11-18-2070	5394	Mini-Mac	22-28 (0.35-0.08)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)	60728A	11-18-3066
11-18-2073	5298	Mini-Mac	18-24 (0.80-0.20)	3.05 (0.120) max.	5.00-6.00 (0.200-0.240)	60730A	11-18-3069
11-18-2074	90100	Mini-Mac	22-26 (0.35-0.12)	0.91-2.62 (0.036-0.103)	3.55-4.32 (0.140-0.170)	60729B	11-18-3070
11-18-2076	5294	Mini-Mac	24-28 (0.20-0.08)	1.50 (0.060) max.	2.03-2.54 (0.080-0.100)	60731A	11-18-3071
11-18-2077	5479	Mini-Mac	22-28 (0.35-0.08)	1.78 (0.070) max.	2.54-3.18 (0.100-0.125)	60732A	11-18-3072
11-18-2078	90100	Mini-Mac	18-20 (0.80-0.50)	1.07-2.62 (0.042-0.103)	3.55-4.32 (0.140-0.170)	60729C	11-18-3073
11-18-2079	90100	Mini-Mac	28-32 (0.08-0.05)	0.71-1.37 (0.028-0.054)	3.55-4.32 (0.140-0.170)	60729A	11-18-3074
11-18-2080	41422	Mini-Mac	10-13 (5.00-3.30)	4.52 (0.178) max.	5.08-5.84 (0.200-0.230)	60739A	11-18-3075
11-18-2081	41422	Mini-Mac	14-18 (2.00-0.80)	3.10 (0.122) max.	5.84 (0.230) max.	60739B	11-18-3076
11-18-2082	5103	Mini-Mac	22-28 (0.35-0.08)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)	60740A	11-18-3077
11-18-2083	5241	Mini-Mac	22-28 (0.35-0.08)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)	60738A	11-18-3078
11-18-2084	5167	Mini-Mac	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	60712E	11-18-3079
11-18-2085	5230	Mini-Mac	22-30 (0.35-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)	60737A	11-18-3080
11-18-2086	41483	Mini-Mac	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)	60706L	11-18-3081
11-18-2086	42138	Mini-Mac	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)	60706L	11-18-3081
11-18-2087	42023	Mini-Mac	14-20 (2.00-0.50)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)	60726A	11-18-3082
11-18-2087	42024	Mini-Mac	14-20 (2.00-0.50)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)	60726A	11-18-3082
11-18-2090	50011	Mini-Mac	24-30 (0.20-0.05)	1.40 (0.055) max.	1.60-2.10 (0.063-0.083)	60741A	11-18-3085
11-18-2091	1881	Mini-Mac	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.53 (0.156-0.218)	60706M	11-18-3086
11-18-2093	41050	Mini-Mac	22-24 (0.35-0.20)	2.79 (0.110) max.	3.30-3.81 (0.130-0.150)	60746A	11-18-3088
11-18-2094	41483	Mini-Mac	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)	60747A	11-18-3099
11-18-2094	42138	Mini-Mac	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)	60747A	11-18-3099
11-18-2095	2697	Mini-Mac	12-20 (3.30-0.50)	4.80 (0.188) max.	4.20 (0.165) max.	60742A	11-18-3091
11-18-2096	2697	Mini-Mac	12-18 (3.30-0.80)	5.80 (0.230) max.	4.20 (0.165) max.	60742B	11-18-3090
11-18-2097	2107	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	60749A	11-18-3092
11-18-2098	2107	Mini-Mac	24-30 (0.20-0.05)	1.78 (0.070) max.	3.17-3.96 (0.125-0.156)	60749B	11-18-3093
11-18-2099	41483	Mini-Mac	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)	60752A	11-18-3089
11-18-2099	42138	Mini-Mac	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)	60752A	11-18-3089
11-18-2100	40641	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	60753A	11-18-3095
11-18-2104	42172	Mini-Mac	16-18 (1.30-0.80)		4.75-5.54 (0.187-0.218)	60743A	11-18-3097
11-18-2104	42172	Mini-Mac	14-16 (2.00-1.30)		4.75-5.54 (0.187-0.218)	60743A	11-18-3097
11-18-2105	8980	Mini-Mac	14-20 (2.00-0.50)	3.06 (0.120) max.	4.75-5.54 (0.187-0.218)	60750A	11-18-3099
11-18-2106	41817	Mini-Mac	22 (0.35)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)	60755A	11-18-3100
11-18-2107	5175	Mini-Mac	16-22 (1.30-0.35)	3.40 (0.134) max.	3.70-4.30 (0.147-0.169)	60758A	11-18-3101
11-18-2108	42001	Mini-Mac	22-26 (0.35-0.12)	1.52 (0.060) max.	4.32-4.83 (0.170-0.190)	60757A	11-18-3102
11-18-2109	4809	Mini-Mac	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	60756A	11-18-3103
11-18-2110	5378	Mini-Mac	24-28 (0.20-0.08)	1.50 (0.059) max.	1.78-2.29 (0.070-0.090)	60733A	11-18-3104
11-18-2111	1799	Mini-Mac	18-24 (0.80-0.20)	3.17 (0.125) max.	3.17-4.76 (0.125-0.187)	60759A	11-18-3105

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order

For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13

Always review proper operating instructions enclosed with your crimp tool

Application Tooling



ORDERING INFORMATION (CONTINUED)

Cross Reference by
Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-18-2112	87116	Mini-Mac	24-28 (0.20-0.08)	1.80 (0.071) max.	2.80-3.30 (0.110-0.130)	60760A	11-18-3106
11-18-2113	41050	Mini-Mac	18 (0.80)	3.05 (0.120) max.	3.30-3.80 (0.130-0.150)	60746B	11-18-3107
11-18-2114	5005	Mini-Mac	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)	60762A	11-18-3108
11-18-2114	5006	Mini-Mac	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)	60762A	11-18-3108
11-18-2115	41051	Mini-Mac	18-22 (0.80-0.35)	3.58 (0.141) max.	3.00-3.50 (0.118-0.138)	60761A	11-18-3109
11-18-2116	87116	Mini-Mac	28-32 (0.08-0.03)	0.90 (0.035) max.	2.80-3.30 (0.110-0.130)	60760B	11-18-3110
11-18-2117	5168	Mini-Mac	24-30 (0.20-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)	60763F	11-18-3111
11-18-2118	5394	Mini-Mac	20-22 (0.50-0.35)	2.10 (0.083) max.	2.10-2.70 (0.083-0.106)	60728B	11-18-3112
11-18-2120	1900	Mini-Mac	10-14 (5.00-2.00)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)	60708A	11-18-3113
11-18-2120	1901	Mini-Mac	10-14 (5.00-2.00)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)	60708A	11-18-3113
11-18-2122	50012	Mini-Mac	24-28 (0.20-0.08)	1.15 (0.045) max.	1.70-2.30 (0.067-0.091)	60767A	11-18-3115
11-18-2126	1508	Mini-Mac	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	60705B	11-18-3117
11-18-2128	5008	Mini-Mac	24-28 (0.20-0.08)	2.40 (0.094) max.	2.54-3.17 (0.100-0.125)	60762B	11-18-3119
11-18-2128	5009	Mini-Mac	24-28 (0.20-0.08)	2.40 (0.094) max.	2.54-3.17 (0.100-0.125)	60762B	11-18-3119
11-18-2129	1560	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	60707EX	11-18-3120
11-18-2129	1561	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	60707EX	11-18-3120
11-18-2129	4529	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	60707EX	11-18-3120
11-18-2130	1799	Mini-Mac	18-24 (0.80-0.20)	3.17 (0.125) max.	3.17-4.76 (0.125-0.187)	60771A	11-18-3121
11-18-2135	90100	Mini-Mac	28-32 (0.08-0.03)	1.37 (0.54) max.	3.55-4.32 (0.140-0.170)	60774A	11-18-3128
11-18-2136	90100	Mini-Mac	22-26 (0.35-0.12)	2.62 (0.103) max.	3.55-4.32 (0.140-0.170)	60774B	11-18-3129
11-18-2139	42172	Mini-Mac	14-16 (2.00-1.30)		4.75-5.54 (0.187-0.218)	60743C	11-18-3130
11-18-2141	4811	Mini-Mac	24-26 (0.20-0.12)	2.16-2.54 (0.085-0.100)	5.97-6.35 (0.235-0.250)	60702C	11-18-3132
11-18-2143	1189	Mini-Mac	14-20 (2.00-0.50)	1.65-4.06 (0.066-0.160)	3.96-5.54 (0.156-0.218)	60800D	11-18-3134
11-18-2143	1190	Mini-Mac	14-20 (2.00-0.50)	1.65-4.06 (0.066-0.160)	3.96-5.54 (0.156-0.218)	60800D	11-18-3134
11-18-2143	1450	Mini-Mac	14-20 (2.00-0.50)	1.65-4.06 (0.066-0.160)	3.96-5.54 (0.156-0.218)	60800D	11-18-3134
11-18-2143	1451	Mini-Mac	14-20 (2.00-0.50)	1.65-4.06 (0.066-0.160)	3.96-5.54 (0.156-0.218)	60800D	11-18-3134
11-18-2143	4550	Mini-Mac	14-20 (2.00-0.50)	1.65-4.06 (0.066-0.160)	3.96-5.54 (0.156-0.218)	60800D	11-18-3134
11-18-2143	6310	Mini-Mac	14-20 (2.00-0.50)	1.65-4.06 (0.066-0.160)	3.96-5.54 (0.156-0.218)	60800D	11-18-3134
11-18-2144	1508	Mini-Mac	16-20 (1.30-0.50)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	60811A	11-18-3135
11-18-2145	41483	Mini-Mac	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)	60752B	11-18-3136
11-18-2145	42138	Mini-Mac	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)	60752B	11-18-3136
11-18-2146	2046	Mini-Mac	16-18 (1.30-0.80)	3.05 (0.120) max.	4.06-5.59 (0.160-0.220)	60805A	11-18-3137
11-18-2146	2047	Mini-Mac	16-18 (1.30-0.80)	3.05 (0.120) max.	4.06-5.59 (0.160-0.220)	60805A	11-18-3137
11-18-2146	8946	Mini-Mac	16-18 (1.30-0.80)	3.05 (0.120) max.	4.06-5.59 (0.160-0.220)	60805A	11-18-3137
11-18-2146	8947	Mini-Mac	16-18 (1.30-0.80)	3.05 (0.120) max.	4.06-5.59 (0.160-0.220)	60805A	11-18-3137
11-18-2147	1900	Mini-Mac	10-14 (5.00-2.00)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)	60805B	11-18-3138
11-18-2147	1901	Mini-Mac	10-14 (5.00-2.00)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)	60805B	11-18-3138
11-18-2148	42554	Mini-Mac	16-18 (1.30-0.80)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)	60809A	11-18-3139
11-18-2148	42555	Mini-Mac	16-18 (1.30-0.80)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)	60809A	11-18-3139
11-18-2149	41483	Mini-Mac	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)	60816A	11-18-3140
11-18-2149	42138	Mini-Mac	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)	60816A	11-18-3140
11-18-2150	4811	Mini-Mac	24-26 (0.20-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)	60702D	11-18-3141
11-18-2150	5190	Mini-Mac	24-26 (0.20-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)	60702D	11-18-3141
11-18-2151	41817	Mini-Mac	24-26 (0.20-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)	60755B	11-18-3142
11-18-2153	50133	Mini-Mac	28-32 (0.08-0.03)	1.00 (0.039) max.	1.40-1.90 (0.055-0.075)	60813A	11-18-3144
11-18-2154	50058	Mini-Mac	28-32 (0.08-0.03)	1.00 (0.039) max.	1.40-1.90 (0.055-0.075)	60815A	11-18-3145
11-18-2155	50125	Mini-Mac	26-28 (0.12-0.08)	1.00 (0.039) max.	1.40-1.90 (0.055-0.075)	60813B	11-18-3146
11-18-2156	50079	Mini-Mac	26-28 (0.12-0.08)	1.00 (0.039) max.	1.40-1.90 (0.055-0.075)	60815B	11-18-3147
11-18-2157	1508	Mini-Mac	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	60811B	11-18-3148
11-18-2158	1380	Mini-Mac	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)	60800B	11-18-3149
11-18-2158	1381	Mini-Mac	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)	60800B	11-18-3149
11-18-2158	1589	Mini-Mac	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)	60800B	11-18-3149
11-18-2158	1590	Mini-Mac	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)	60800B	11-18-3149
11-18-2158	2151	Mini-Mac	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)	60800B	11-18-3149
11-18-2158	2152	Mini-Mac	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)	60800B	11-18-3149
11-18-2158	4272	Mini-Mac	18-22 (0.80-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)	60800B	11-18-3149
11-18-2159	50295	Mini-Mac	16-18 (1.30-0.80)	2.55 (0.100) max.	4.00-4.50 (0.157-0.177)	60806A	11-18-3150
11-18-2160	50289	Mini-Mac	16-18 (1.30-0.80)	3.00 (0.118) max.	4.00-4.50 (0.157-0.177)	60810A	11-18-3151
11-18-2161	50294	Mini-Mac	24-28 (0.20-0.08)	3.00 (0.118) max.	4.00-4.50 (0.157-0.177)	60814A	11-18-3152
11-18-2162	42251	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	60775A	11-18-3153
11-18-2163	50038	Mini-Mac	20-22 (0.50-0.35)	1.90 (0.075) max.	2.00-2.50 (0.078-0.098)	60818A	11-18-3154
11-18-2163	50039	Mini-Mac	20-22 (0.50-0.35)	1.90 (0.075) max.	2.00-2.50 (0.078-0.098)	60818A	11-18-3154
11-18-2165	94506	Mini-Mac	14-18 (2.00-0.80)	3.70 (0.145) max.	6.00-7.00 (0.240-0.270)	60817A	11-18-3156
11-18-2166	5659	Mini-Mac	22-28 (0.35-0.08)	1.70 (0.067) max.	2.54-3.17 (0.100-0.125)	60819A	11-18-3157
11-18-2167	4529	Mini-Mac	18-22 (0.80-0.35)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	60707G	11-18-3158

Application Tooling

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-18-2168	41050	Mini-Mac	18 (0.80)	3.55 (0.140) max.	3.30-3.81 (0.130-0.150)	60821B	11-18-3159
11-18-2169	50212	Mini-Mac	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)	60822A	11-18-3169
11-18-2170	7879	Mini-Mac	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	60713D	11-18-3161
11-18-2171	2759	Mini-Mac	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)	60703C	11-18-3162
11-18-2171	40445	Mini-Mac	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)	60703C	11-18-3162
11-18-2171	6459	Mini-Mac	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)	60703C	11-18-3162
11-18-2171	5159	Mini-Mac	22-28 (0.35-0.08)	1.20-1.70 (0.047-0.067)	2.80-3.40 (0.110-0.133)	60703C	11-18-3162
11-18-2174	35727	Mini-Mac	14-20 (2.00-0.50)	3.40 (0.134) max.	4.70-5.40 (0.185-0.212)	60825A	11-18-3165
11-18-2174	35728	Mini-Mac	14-20 (2.00-0.50)	3.40 (0.134) max.	4.70-5.40 (0.185-0.212)	60825A	11-18-3165
11-18-2175	1943	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-4.74 (0.125-0.187)	60826A	11-18-3166
11-18-2176	43030	Mini-Mac	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	60823A	11-18-3167
11-18-2176	43031	Mini-Mac	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	60823A	11-18-3167
11-18-2178	42477	Mini-Mac	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.33 (0.156-0.218)	60804D	11-18-3170
11-18-2178	42478	Mini-Mac	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.33 (0.156-0.218)	60804D	11-18-3170
11-18-2179	42817	Mini-Mac	12 (3.30)	5.30 (0.209) max.	8.23-9.75 (0.324-0.384)	60827A	11-18-3171
11-18-2180	42464	Mini-Mac	16-20 (1.30-0.50)	2.79 (0.110) max.	3.96-5.33 (0.156-0.218)	60831A	11-18-3172
11-18-2181	1508	Mini-Mac	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.05-3.81 (0.120-0.150)	60832A	11-18-3173
11-18-2182	43030	Mini-Mac	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	60833A	11-18-3174
11-18-2182	43031	Mini-Mac	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	60833A	11-18-3174
11-18-2183	43178	Mini-Mac	14-18 (2.00-0.80)	2.66-3.56 (0.105-0.140)	2.03-4.19 (0.156-0.218)	60828A	11-18-3175
11-18-2185	5033	Mini-Mac	18-24 (0.80-0.20)	1.43-2.20 (0.056-0.087)	2.80-3.40 (0.110-0.134)	60834A	11-18-3178
11-18-2186	8980	Mini-Mac	14-20 (2.00-0.50)	2.02-3.06 (0.080-0.120)	4.75-5.54 (0.187-0.218)	60750B	11-18-3079
11-18-2188	8980	Mini-Mac	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.54 (0.156-0.218)	60835B	11-18-3181
11-18-2189	7821	Mini-Mac	18-20 (0.80-0.50)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	60776A	11-18-3182
11-18-2190	42477	Mini-Mac	14-18 (2.00-0.80)	2.36-3.55 (0.093-0.140)	3.96-5.33 (0.156-0.218)	60804E	11-18-3183
11-18-2190	42478	Mini-Mac	14-18 (2.00-0.80)	2.36-3.55 (0.093-0.140)	3.96-5.33 (0.156-0.218)	60804E	11-18-3183
11-18-2191	41483	Mini-Mac	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.180)	4.32-4.95 (0.170-0.195)	60816B	11-18-3184
11-18-2191	42138	Mini-Mac	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.180)	4.32-4.95 (0.170-0.195)	60816B	11-18-3184
11-18-2192	41483	Mini-Mac	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.180)	4.32-4.95 (0.170-0.195)	60816C	11-18-3185
11-18-2192	42138	Mini-Mac	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.180)	4.32-4.95 (0.170-0.195)	60816C	11-18-3185
11-18-2193	41483	Mini-Mac	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	4.32-4.95 (0.170-0.195)	60816D	11-18-3186
11-18-2193	42138	Mini-Mac	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	4.32-4.95 (0.170-0.195)	60816D	11-18-3186
11-18-2194	41483	Mini-Mac	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	4.32-4.95 (0.170-0.195)	60816E	11-18-3187
11-18-2194	42138	Mini-Mac	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	4.32-4.95 (0.170-0.195)	60816E	11-18-3187
11-18-2195	2697	Mini-Mac	12-20 (3.30-0.50)	4.80 (0.188) max.	4.20 (0.165) max.	60742C	11-18-3188
11-18-2196	50372	Mini-Mac	22-26 (0.12-0.35)	0.93-1.35 (0.037-0.053)	1.30-1.80 (0.051-0.071)	60822B	11-18-3189
11-18-2197	50394	Mini-Mac	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)	60837A	11-18-3190
11-18-2200	1508	Mini-Mac	16-20 (1.30-0.50)	3.55 (0.140) max.	3.96-5.35 (0.156-0.218)	60811C	11-18-3193
11-18-2201	42477	Mini-Mac	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.33 (0.156-0.218)	60804G	11-18-3194
11-18-2201	42478	Mini-Mac	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.33 (0.156-0.218)	60804G	11-18-3194
11-18-2202	1508	Mini-Mac	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.35 (0.156-0.218)	60811D	11-18-3195
11-18-2203	5298	Mini-Mac	18-24 (0.80-0.20)	3.05 (0.120) max.	5.00-6.00 (0.200-0.240)	60730B	11-18-3196
11-18-2204	94506	Mini-Mac	18-22 (0.80-0.35)	2.60 (0.100) max.	5.30-6.30 (0.210-0.250)	60817B	11-18-3197
11-18-2205	50061	Mini-Mac	28-32 (0.08-0.03)	1.00 (0.039) max.	1.40-1.90 (0.055-0.075)	60813C	11-18-3199
11-18-2208	87421	Mini-Mac	26 (0.12)	0.79-0.99 (0.031-0.039)	1.05-1.54 (0.041-0.061)	60838A	11-18-3201
11-18-2209	35074	Mini-Mac	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.090-0.110)	60839A	11-18-3202
11-18-2209	50351	Mini-Mac	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.090-0.110)	60839A	11-18-3202
11-18-2210	2477	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	60803B	11-18-3203
11-18-2210	6438	Mini-Mac	18-24 (0.80-0.20)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)	60803B	11-18-3203
11-18-2210	8993	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	60803B	11-18-3203
11-18-2210	2878	Mini-Mac	18-22 (0.80-0.35)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	60803B	11-18-3203
11-18-2210	4838	Mini-Mac	18-22 (0.80-0.35)	2.41 (0.095) max.	2.54-3.17 (0.100-0.125)	60803B	11-18-3203
11-18-2210	2478	Mini-Mac	18-20 (0.80-0.50)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	60803B	11-18-3203
11-18-2211	70058	Mini-Mac	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)	60709D	11-18-3204
11-18-2211	71851	Mini-Mac	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	2.54-3.17 (0.100-0.125)	60709D	11-18-3204
11-18-2212	50097	Mini-Mac	20-24 (0.50-0.20)	1.40-1.90 (0.055-0.075)	2.50-3.00 (0.098-0.118)	60840A	11-18-3206
11-18-2213	70021	Mini-Mac	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)	60710D	11-18-3205
11-18-2216	43178	Mini-Mac	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	60842A	11-18-3208
11-18-2217	43178	Mini-Mac	14-18 (2.00-0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)	60842B	11-18-3209
11-18-2219	5205	Mini-Mac	20 (0.50)	2.50-3.40 (0.098-0.134)	2.70-3.30 (0.106-0.130)	60762C	11-18-3211
11-18-2219	5206	Mini-Mac	20 (0.50)	2.50-3.40 (0.098-0.134)	2.70-3.30 (0.106-0.130)	60762C	11-18-3211
11-18-2219	5205	Mini-Mac	14-16 (2.00-1.30)	2.50-3.40 (0.098-0.134)	2.70-3.30 (0.106-0.130)	60762C	11-18-3211
11-18-2219	5206	Mini-Mac	14-16 (2.00-1.30)	2.50-3.40 (0.098-0.134)	2.70-3.30 (0.106-0.130)	60762C	11-18-3211
11-18-2220	43374	Mini-Mac	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	60843A	11-18-3212
11-18-2220	43375	Mini-Mac	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	60843A	11-18-3212

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order

For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13

Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-18-2220	43374	Mini-Mac	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	60843A	11-18-3212
11-18-2220	43375	Mini-Mac	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	60843A	11-18-3212
11-18-2221	43374	Mini-Mac	14-18 (2.00-0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)	60843B	11-18-3213
11-18-2221	43375	Mini-Mac	14-18 (2.00-0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)	60843B	11-18-3213
11-18-2222	50098	Mini-Mac	18-22 (0.80-0.35)	1.60-2.20 (0.063-0.087)	2.50-3.00 (0.098-0.118)	60844A	11-18-3214
11-18-2225	43178	Mini-Mac	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	60842C	11-18-3217
11-18-2226	43178	Mini-Mac	14-18 (2.00-0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)	60842D	11-18-3218
11-18-2227	50217	Mini-Mac	18-24 (0.80-0.20)	1.40-3.00 (0.055-0.118)	3.00-3.50 (0.118-0.138)	60845A	11-18-3219
11-18-2227	50539	Mini-Mac	18-24 (0.80-0.20)	1.40-3.00 (0.055-0.118)	3.00-3.50 (0.118-0.138)	60845A	11-18-3219
11-18-2228	43178	Mini-Mac	18 (0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)	60842E	11-18-3220
11-18-2229	42815	Mini-Mac	12 (3.30)	5.30 (0.209) max.	8.23-9.75 (0.324-0.384)	60827B	11-18-3221
11-18-2230	40641	Mini-Mac	18-22 (0.80-0.35)	1.60-2.41 (0.063-0.095)	2.54-3.17 (0.100-0.125)	60803C	11-18-3222
11-18-2232	41422	Mini-Mac	14-18 (2.00-0.80)	3.03-4.52 (0.106-0.133)	5.08-5.84 (0.200-0.230)	60739C	11-18-3224
11-18-2234	35718	Mini-Mac	16-20 (1.30-0.50)	2.36-3.60 (0.093-0.142)	4.50-5.00 (0.177-0.197)	60846A	11-18-3226
11-18-2235	8058	Mini-Mac	18-24 (0.80-0.20)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	60800E	11-18-3227
11-18-2236	2477	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)	60803E	11-18-3228
11-18-2236	2478	Mini-Mac	18-24 (0.80-0.50)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)	60803E	11-18-3228
11-18-2236	6379	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)	60803E	11-18-3228
11-18-2236	6438	Mini-Mac	18-24 (0.80-0.20)	2.41 (0.095) max.	2.54-3.18 (0.100-0.125)	60803E	11-18-3228
11-18-2236	6838	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)	60803E	11-18-3228
11-18-2236	8993	Mini-Mac	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)	60803E	11-18-3228
11-18-2236	2878	Mini-Mac	18-22 (0.80-0.35)	2.79 (0.110) max.	2.54-3.18 (0.100-0.125)	60803E	11-18-3228
11-18-2236	4838	Mini-Mac	18-22 (0.80-0.35)	2.41 (0.095) max.	2.54-3.18 (0.100-0.125)	60803E	11-18-3228
11-26-0005	5205	Extraction	14-18 (2.00-0.80)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)		
11-26-0005	5206	Extraction	14-18 (2.00-0.80)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)		
11-26-0059	5159	Extraction	22-28 (0.35-0.08)	1.20-1.70 (0.047-0.067)	2.80-3.40 (0.110-0.133)		
11-26-0089	5225	Hand Tool	22-28 (0.35-0.08)	(.047-.100)	(.118-.138)	JHTR5906	
11-26-0100	5225	Extraction	22-28 (0.35-0.08)	(.047-.100)	(.118-.138)		
11-26-0100	5194	Extraction	18-24 (0.80-0.20)	1.32-3.20 (0.052-0.126)	3.00-3.50 (0.118-0.138)		
11-26-0100	50217	Extraction	18-24 (0.80-0.20)	1.50-2.20 (0.059-0.087)	3.00-3.50 (0.118-0.138)		
11-26-0100	50217	Extraction	18-24 (0.80-0.20)	2.30-3.00 (0.090-0.118)	3.00-3.50 (0.118-0.138)		
11-26-0100	50539	Extraction	18-24 (0.80-0.20)	1.50-2.20 (0.059-0.087)	3.00-3.50 (0.118-0.138)		
11-26-0100	50539	Extraction	18-24 (0.80-0.20)	2.30-3.00 (0.090-0.118)	3.00-3.50 (0.118-0.138)		
11-26-0110	5659	Hand Tool	22-28 (0.35-0.08)	1.70 (0.067) max.	2.54-3.17 (0.100-0.125)	JHTR5972	
11-26-7074	5230	Extraction	22-30 (0.35-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)		
11-40-2001	1450	Terminator Die	18-20 (0.80-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	1451	Terminator Die	18-20 (0.80-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	2269	Terminator Die	18-20 (0.80-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	4549	Terminator Die	18-20 (0.80-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	4550	Terminator Die	18-20 (0.80-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	6310	Terminator Die	18-20 (0.80-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	1189	Terminator Die	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	1189	Terminator Die	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	1190	Terminator Die	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	1190	Terminator Die	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	1450	Terminator Die	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	1451	Terminator Die	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	2269	Terminator Die	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	4549	Terminator Die	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	4550	Terminator Die	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2001	6310	Terminator Die	14-20 (2.00-0.50)	1.65-4.06 (0.065-0.160)	3.96-5.54 (0.156-0.218)	8300A	11-40-3001
11-40-2002	1380	Terminator Die	22 (0.35)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2002	1381	Terminator Die	22 (0.35)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2002	2151	Terminator Die	22 (0.35)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2002	2152	Terminator Die	22 (0.35)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2002	2273	Terminator Die	22 (0.35)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2002	4272	Terminator Die	22 (0.35)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2002	1380	Terminator Die	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2002	1381	Terminator Die	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2002	2151	Terminator Die	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2002	2152	Terminator Die	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2002	2273	Terminator Die	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2002	4272	Terminator Die	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300B	11-40-3002
11-40-2003	1433	Terminator Die	22-30 (0.35-0.05)	1.52 (0.060) max.	3.96-5.53 (0.156-0.218)	8300C	11-40-3003
11-40-2003	1434	Terminator Die	22-30 (0.35-0.05)	1.52 (0.060) max.	3.96-5.53 (0.156-0.218)	8300C	11-40-3003

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order

For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13

Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-40-2004	1560	Terminator Die	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	8302A	11-40-3004
11-40-2004	1561	Terminator Die	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	8302A	11-40-3004
11-40-2004	1786	Terminator Die	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	8302A	11-40-3004
11-40-2004	1787	Terminator Die	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	8302A	11-40-3004
11-40-2004	6770	Terminator Die	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	8302A	11-40-3004
11-40-2004	7291	Terminator Die	18-24 (0.80-0.20)	1.52-3.05 (0.060-0.120)	3.17-3.96 (0.125-0.156)	8302A	11-40-3004
11-40-2005	1797	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	8303A	11-40-3005
11-40-2005	4295	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	8303A	11-40-3005
11-40-2005	4366	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	8303A	11-40-3005
11-40-2006	1854	Terminator Die	22-30 (0.35-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)	8302B	11-40-3006
11-40-2006	1855	Terminator Die	22-30 (0.35-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)	8302B	11-40-3006
11-40-2009	1457	Terminator Die	18-22 (0.80-0.35)	3.42 (0.135) max.	3.96-5.53 (0.156-0.218)	8307A	11-40-3009
11-40-2010	1457	Terminator Die	14-16 (2.00-1.30)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	8307B	11-40-3010
11-40-2011	2014	Terminator Die	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)	8303B	11-40-3011
11-40-2011	4573	Terminator Die	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)	8303B	11-40-3011
11-40-2011	4574	Terminator Die	24-30 (0.20-0.05)	1.77 (0.070) max.	3.17-3.96 (0.125-0.156)	8303B	11-40-3011
11-40-2013	2107	Terminator Die	24-30 (0.20-0.05)	1.78 (0.070) max.	3.17-3.96 (0.125-0.156)	8311B	11-40-3013
11-40-2014	2107	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	8311A	11-40-3014
11-40-2015	2176	Terminator Die	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)	8312A	11-40-3015
11-40-2015	2328	Terminator Die	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)	8312A	11-40-3015
11-40-2015	2576	Terminator Die	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)	8312A	11-40-3015
11-40-2015	7676	Terminator Die	14-22 (2.00-0.35)	3.55 (0.140) max.	3.55-4.74 (0.140-0.187)	8312A	11-40-3015
11-40-2018	1508	Terminator Die	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	8320A	11-40-3018
11-40-2019	1508	Terminator Die	16-20 (1.30-0.50)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	8320B	11-40-3019
11-40-2020	2870	Terminator Die	22-24 (0.35-0.20)	1.77 (0.070) max.	3.96-5.53 (0.156-0.218)	8300E	11-40-3020
11-40-2020	2871	Terminator Die	22-24 (0.35-0.20)	1.77 (0.070) max.	3.96-5.53 (0.156-0.218)	8300E	11-40-3020
11-40-2023	1797	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	8303C	11-40-3023
11-40-2023	4295	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	8303C	11-40-3023
11-40-2023	4366	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	8303C	11-40-3023
11-40-2026	40356	Terminator Die	20 (0.50)	1.70 (0.067) max.	2.79-3.05 (0.110-0.120)	8358A	11-40-3123
11-40-2029	4811	Terminator Die	22 (0.35)	2.29-2.54 (0.090-0.100)	5.97-6.35 (0.235-0.250)	8310A	11-40-3029
11-40-2033	4787	Terminator Die	16-20 (1.30-0.50)	3.30 (0.130) max.	4.74-5.53 (0.187-0.218)	8316A	11-40-3033
11-40-2035	1943	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-4.74 (0.125-0.187)	8319A	11-40-3035
11-40-2036	8960	Terminator Die	18-24 (0.80-0.20)	2.84 (0.112) max.	2.54-3.05 (0.100-0.120)	8321A	11-40-3036
11-40-2037	7879	Terminator Die	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.96 (0.125-0.156)	8322A	11-40-3037
11-40-2038	40144	Terminator Die	32 (0.03)	0.63 (0.025) max.	3.17-3.96 (0.125-0.156)	8322B	11-40-3038
11-40-2039	4811	Terminator Die	22-26 (0.35-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)	8310B	11-40-3039
11-40-2042	4706	Terminator Die	16-18 (1.30-0.80)	3.05 (0.120) max.	5.97-6.35 (0.235-0.250)	8324A	11-40-3042
11-40-2043	4706	Terminator Die	18-24 (0.80-0.20)	3.05 (0.120) max.	5.97-6.35 (0.235-0.250)	8324B	11-40-3043
11-40-2044	4706	Terminator Die	16-18 (1.30-0.80)	3.05 (0.120) max.	5.97-6.35 (0.235-0.250)	8324C	11-40-3044
11-40-2045	4706	Terminator Die	18-24 (0.80-0.20)	3.05 (0.120) max.	5.97-6.35 (0.235-0.250)	8324D	11-40-3045
11-40-2047	4296	Terminator Die	16-22 (1.30-0.35)	3.05 (0.120) max.	3.96-5.53 (0.156-0.218)	8325A	11-40-3047
11-40-2048	1973	Terminator Die	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8300F	11-40-3002
11-40-2049	40356	Terminator Die	18 (0.80)	4.06 (0.160) max.		8326A	11-40-3049
11-40-2050	40356	Terminator Die	18-20 (0.80-0.50)	2.18 (0.086) max.		8326B	11-40-3050
11-40-2051	40612	Terminator Die	20 (0.50)			8326C	11-40-3051
11-40-2052	40612	Terminator Die	22-24 (0.35-0.20)			8326D	11-40-3052
11-40-2054	40612	Terminator Die	22 (0.35)			8326F	11-40-3054
11-40-2055	40356	Terminator Die	22 (0.35)			8326G	11-40-3055
11-40-2056	5103	Terminator Die	22-30 (0.35-0.05)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)	8328A	11-40-3056
11-40-2063	5241	Terminator Die	22-28 (0.35-0.08)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)	8329A	11-40-3063
11-40-2064	5005	Terminator Die	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)	8327A	11-40-3064
11-40-2064	5006	Terminator Die	18-24 (0.80-0.20)	3.00 (0.118) max.	2.54-3.17 (0.100-0.125)	8327A	11-40-3064
11-40-2065	5008	Terminator Die	24-28 (0.20-0.08)	2.40 (0.094) max.	2.54-3.17 (0.100-0.125)	8327B	11-40-3065
11-40-2065	5009	Terminator Die	24-28 (0.20-0.08)	2.40 (0.094) max.	2.54-3.17 (0.100-0.125)	8327B	11-40-3065
11-40-2066	5205	Terminator Die	14-20 (2.00-0.50)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)	8327C	11-40-3066
11-40-2066	5206	Terminator Die	14-20 (2.00-0.50)	3.40 (0.134) max.	2.54-3.17 (0.100-0.125)	8327C	11-40-3066
11-40-2068	70058	Terminator Die	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.56 (0.125-0.140)	8331A	11-40-3068
11-40-2068	71851	Terminator Die	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.56 (0.125-0.140)	8331A	11-40-3068
11-40-2069	5230	Terminator Die	22-30 (0.35-0.05)	1.50 (0.060) max.	2.54-3.17 (0.100-0.125)	8332A	11-40-3069
11-40-2070	5294	Terminator Die	24-28 (0.20-0.08)	1.50 (0.060) max.	2.03-2.54 (0.080-0.100)	8333A	11-40-3070
11-40-2071	5394	Terminator Die	22-28 (0.35-0.08)	1.90 (0.075) max.	1.98-2.77 (0.078-0.109)	8334A	11-40-3071
11-40-2073	5194	Terminator Die	18-24 (0.80-0.20)	3.20 (0.126) max.	3.00-3.50 (0.118-0.138)	8336A	11-40-3073
11-40-2074	5225	Terminator Die	22-28 (0.35-0.08)	3.20 (0.126) max.	3.00-3.50 (0.118-0.138)	8336B	11-40-3074
11-40-2076	40682	Terminator Die	22-26 (0.35-0.12)	1.52 (0.060) max.	3.17-3.96 (0.125-0.156)	8338A	11-40-3076

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ORDERING INFORMATION (CONTINUED)

Cross Reference by Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-40-2077	70058	Terminator Die	32-36 (0.03-0.01)	0.63 (0.025) max.	3.17-3.56 (0.125-0.140)	8331B	11-40-3077
11-40-2077	71851	Terminator Die	32-36 (0.03-0.01)	0.63 (0.025) max.	3.17-3.56 (0.125-0.140)	8331B	11-40-3077
11-40-2079	70076	Terminator Die	18-22 (0.80-0.35)	3.04 (0.120) max.	4.74-5.53 (0.187-0.218)	8339B	11-40-3079
11-40-2083	1881	Terminator Die	16-24 (1.30-0.20)	3.42 (0.135) max.	3.96-5.53 (0.156-0.218)	8300J	11-40-3083
11-40-2084	1881	Terminator Die	24-30 (0.20-0.05)	1.52 (0.060) max.	3.96-5.53 (0.156-0.218)	8300K	11-40-3084
11-40-2085	70021	Terminator Die	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.56 (0.125-0.140)	8341A	11-40-3085
11-40-2086	70021	Terminator Die	32-36 (0.03-0.01)	0.64 (0.025) max.	3.17-3.56 (0.125-0.140)	8341B	11-40-3086
11-40-2087	70021	Terminator Die	22-26 (0.35-0.12)	1.63 (0.064) max.	3.17-3.56 (0.125-0.140)	8341C	11-40-3087
11-40-2089	5263	Terminator Die	22-28 (0.35-0.08)	1.90 (0.075) max.	2.54-3.17 (0.100-0.125)	8342A	11-40-3257
11-40-2090	70058	Terminator Die	22-24 (0.35-0.20)	1.62 (0.064) max.	3.17-3.56 (0.125-0.140)	8331C	11-40-3090
11-40-2090	71851	Terminator Die	22-24 (0.35-0.20)	1.62 (0.064) max.	3.17-3.56 (0.125-0.140)	8331C	11-40-3090
11-40-2091	5659	Terminator Die	22-28 (0.35-0.08)	1.70 (0.067) max.	2.54-3.17 (0.100-0.125)	8343A	11-40-3091
11-40-2096	2477	Terminator Die	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8301AX	11-40-3096
11-40-2096	2478	Terminator Die	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8301AX	11-40-3096
11-40-2096	2878	Terminator Die	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8301AX	11-40-3208
11-40-2096	4838	Terminator Die	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8301AX	11-40-3208
11-40-2096	6838	Terminator Die	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8301AX	11-40-3208
11-40-2096	8993	Terminator Die	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8301AX	11-40-3208
11-40-2096	6438	Terminator Die	18-24 (0.80-0.20)	2.41 (0.095) max.	2.54-3.18 (0.100-0.125)	8031AX	11-40-3096
11-40-2097	2578	Terminator Die	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)	8301BX	11-40-3097
11-40-2097	7258	Terminator Die	22-26 (0.35-0.12)	1.65 (0.065) max.	2.54-3.17 (0.100-0.125)	8301BX	11-40-3097
11-40-2099	40641	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8301DX	11-40-3099
11-40-2101	4259	Terminator Die	22-30 (0.35-0.05)	2.54 (0.100) max.	2.54-3.17 (0.100-0.125)	83048X	11-40-3101
11-40-2102	4809	Terminator Die	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	8305AX	11-40-3102
11-40-2106	4529	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	8302C	11-40-3107
11-40-2107	5479	Terminator Die	22-28 (0.35-0.08)	1.77 (0.070) max.	2.54-3.17 (0.100-0.125)	8345A	11-40-3108
11-40-2110	8980	Terminator Die	14-20 (2.00-0.50)	3.55 (0.140) max.	4.75-5.54 (0.187-0.218)	8347A	11-40-3110
11-40-2117	1508	Terminator Die	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	8351A	11-40-3115
11-40-2118	1508	Terminator Die	16-20 (1.30-0.50)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	8351B	11-40-3116
11-40-2119	5556	Terminator Die	18-24 (0.80-0.20)	3.00 (0.118) max.	3.00-3.50 (0.118-0.138)	8352A	11-40-3117
11-40-2119	5558	Terminator Die	18-24 (0.80-0.20)	3.00 (0.118) max.	3.00-3.50 (0.118-0.138)	8352A	11-40-3117
11-40-2120	41817	Terminator Die	24 (0.20)	1.52 (0.060) max.	5.97-6.35 (0.235-0.250)	8353A	11-40-3118
11-40-2121	2282	Terminator Die	14-18 (2.00-0.80)	3.55 (0.140) max.	3.81 (0.150) max.	8354A	11-40-3119
11-40-2121	2283	Terminator Die	14-18 (2.00-0.80)	3.55 (0.140) max.	3.81 (0.150) max.	8354A	11-40-3119
11-40-2123	82023	Terminator Die	20-24 (0.50-0.20)	1.52 (0.060) max.	2.03-2.54 (0.080-0.100)	8356A	11-40-3121
11-40-2123	82024	Terminator Die	20-24 (0.50-0.20)	1.52 (0.060) max.	2.03-2.54 (0.080-0.100)	8356A	11-40-3121
11-40-2127	40356	Terminator Die	18 (0.80)	4.06 (0.160) max.	2.36 (0.093) max.	8358B	11-40-3124
11-40-2129	40612	Terminator Die	22 (0.35)	2.03 (0.080) max.	2.79-3.05 (0.110-0.120)	8358D	11-40-3126
11-40-2130	40356	Terminator Die	22 (0.35)		2.79-3.05 (0.110-0.120)	8358E	11-40-3127
11-40-2131	7238	Terminator Die	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)	8300P	11-40-3128
11-40-2131	7239	Terminator Die	14-18 (2.00-0.80)	3.56 (0.140) max.	4.32-4.95 (0.170-0.195)	8300P	11-40-3128
11-40-2134	1508	Terminator Die	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	8351C	11-40-3131
11-40-2135	1560	Terminator Die	18-24 (0.80-0.20)	1.85-2.79 (0.073-0.110)	3.17-3.96 (0.125-0.156)	8302D	11-40-3107
11-40-2135	1561	Terminator Die	18-24 (0.80-0.20)	1.85-2.79 (0.073-0.110)	3.17-3.96 (0.125-0.156)	8302D	11-40-3107
11-40-2136	50011	Terminator Die	24-30 (0.20-0.05)	1.40 (0.055) max.	1.60-2.10 (0.063-0.083)	8359A	11-40-3132
11-40-2137	5556	Terminator Die	22-28 (0.35-0.08)	1.80 (0.071) max.	2.80-3.30 (0.110-0.130)	8352B	11-40-3133
11-40-2137	5558	Terminator Die	22-28 (0.35-0.08)	1.80 (0.071) max.	2.80-3.30 (0.110-0.130)	8352B	11-40-3133
11-40-2138	82023	Terminator Die	26-28 (0.12-0.08)	1.02 (0.040) max.	2.03-2.54 (0.080-0.100)	8356B	11-40-3135
11-40-2138	82024	Terminator Die	26-28 (0.12-0.08)	1.02 (0.040) max.	2.03-2.54 (0.080-0.100)	8356B	11-40-3135
11-40-2141	50012	Terminator Die	24-28 (0.20-0.08)	1.14 (0.045) max.	1.70-2.30 (0.067-0.091)	8361A	11-40-3135
11-40-2141	50013	Terminator Die	24-28 (0.20-0.08)	1.14 (0.045) max.	1.70-2.30 (0.067-0.091)	8361A	11-40-3135
11-40-2143	40612	Terminator Die	22 (0.35)	2.36 (0.093) max.	2.36 (0.093) max.	8358G	11-40-3138
11-40-2144	40612	Terminator Die	24 (0.20)	2.90 (0.114) max.	2.36 (0.093) max.	8358H	11-40-3139
11-40-2145	40356	Terminator Die	18 (0.80)	2.90 (0.114) max.	2.36 (0.093) max.	8358J	11-40-3140
11-40-2148	1508	Terminator Die	16-20 (1.30-0.50)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	8351D	11-40-3145
11-40-2149	5378	Terminator Die	24-28 (0.20-0.08)	1.50 (0.059) max.	1.78-2.29 (0.070-0.090)	8362A	11-40-3143
11-40-2151	6482	Terminator Die	14-18 (2.00-0.80)	3.56 (0.140) max.	3.81-4.32 (0.150-0.170)	8364A	11-40-3144
11-40-2152	1508	Terminator Die	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	8351F	11-40-3147
11-40-2154	2799	Terminator Die	22-28 (0.35-0.08)	1.73 (0.068) max.	3.55-4.74 (0.140-0.187)	8312B	11-40-3149
11-40-2154	7676	Terminator Die	22-28 (0.35-0.08)	1.73 (0.068) max.	3.55-4.74 (0.140-0.187)	8312B	11-40-3149
11-40-2156	50034	Terminator Die	26-30 (0.12-0.05)	1.40 (0.055) max.	1.40-1.90 (0.055-0.075)	8366A	11-40-3151
11-40-2157	41951	Terminator Die	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.56 (0.125-0.140)	8367A	11-40-3152
11-40-2158	41951	Terminator Die	32-36 (0.03-0.01)	0.64 (0.025) max.	3.17-3.56 (0.125-0.140)	8367B	11-40-3153
11-40-2159	41951	Terminator Die	22-24 (0.35-0.20)	1.63 (0.064) max.	3.17-3.56 (0.125-0.140)	8367C	11-40-3154
11-40-2163	1900	Terminator Die	10-14 (5.00-2.00)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)	8368A	11-40-3155

Application Tooling

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order. For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13. Always review proper operating instructions enclosed with your crimp tool.

ORDERING INFORMATION (CONTINUED)



Crimp Application Tooling

Cross Reference by Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-40-2163	1901	Terminator Die	10-14 (5.00-2.00)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)	8368A	11-40-3155
11-40-2164	2046	Terminator Die	16-20 (1.30-0.50)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)	8368B	11-40-3156
11-40-2164	2047	Terminator Die	16-20 (1.30-0.50)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)	8368B	11-40-3156
11-40-2165	42825	Terminator Die	12 (3.30)	2.44-3.68 (0.096-0.145)	4.57 (0.180) max.	8369A	11-40-3157
11-40-2165	42825	Terminator Die	10-12 (5.00-3.30)	2.44-3.68 (0.096-0.145)	4.57 (0.180) max.	8369A	11-40-3157
11-40-2166	42824	Terminator Die	12 (3.30)	4.20 (0.165) max.	4.34-5.15 (0.171-0.203)	8369B	11-40-3158
11-40-2166	42824	Terminator Die	10-12 (5.00-3.30)	4.20 (0.165) max.	4.34-5.15 (0.171-0.203)	8369B	11-40-3158
11-40-2171	42001	Terminator Die	22-26 (0.35-0.12)	1.52 (0.060) max.	4.32-4.83 (0.170-0.190)	8370A	11-40-3173
11-40-2174	2482	Terminator Die	10-16 (5.00-1.30)	4.19 (0.165) max.	3.81-4.32 (0.150-0.170)	8364B	11-40-3176
11-40-2175	2107	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	8311C	11-40-3177
11-40-2179	PZ-0152	Terminator Die	12-14 (3.30-2.00)	3.88 (0.153) max.	5.59-6.35 (0.220-0.250)	8375A	11-40-3181
11-40-2181	5167	Terminator Die	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8377A	11-40-3183
11-40-2182	30149	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8376A	11-40-3184
11-40-2185	PZ-4152	Terminator Die	12-14 (3.30-2.00)	3.88 (0.153) max.	5.59-6.35 (0.220-0.250)	8381A	11-40-3187
11-40-2186	88Z-4154	Terminator Die	14-16 (2.00-1.30)	3.55 (0.140) max.	5.59-6.35 (0.220-0.250)	8381B	11-40-3188
11-40-2187	5556	Terminator Die	16-20 (1.30-0.50)	3.00 (0.118) max.	3.00-3.50 (0.118-0.138)	8352C	11-40-3189
11-40-2187	5558	Terminator Die	16-20 (1.30-0.50)	3.00 (0.118) max.	3.00-3.50 (0.118-0.138)	8352C	11-40-3189
11-40-2188	42158	Terminator Die	24-30 (0.20-0.05)	1.52 (0.060) max.	3.17-3.56 (0.125-0.140)	8378A	11-40-3190
11-40-2189	42158	Terminator Die	22-24 (0.35-0.20)	1.63 (0.064) max.	3.17-3.56 (0.125-0.140)	8378B	11-40-3191
11-40-2190	50058	Terminator Die	26-32 (0.12-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)	8382A	11-40-3192
11-40-2190	50079	Terminator Die	26-32 (0.12-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)	8382A	11-40-3192
11-40-2192	41422	Terminator Die	10-13 (5.00-3.30)	4.52 (0.178) max.	5.84 (0.230) max.	8379A	11-40-3193
11-40-2193	41422	Terminator Die	14-18 (2.00-0.80)	3.10 (0.122) max.	5.84 (0.230) max.	8379B	11-40-3194
11-40-2194	50061	Terminator Die	26-32 (0.12-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)	8383A	11-40-3195
11-40-2194	50080	Terminator Die	26-32 (0.12-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)	8383A	11-40-3195
11-40-2195	5168	Terminator Die	24-30 (0.20-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)	8377B	11-40-3196
11-40-2196	90198	Terminator Die	22-26 (0.35-0.12)	1.52 (0.060) max.	3.00-3.51 (0.118-0.138)	8385A	11-40-3197
11-40-2197	42023	Terminator Die	14-16 (2.00-1.30)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)	8384B	11-40-3199
11-40-2197	42024	Terminator Die	14-16 (2.00-1.30)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)	8384B	11-40-3199
11-40-2198	42023	Terminator Die	16-20 (1.30-0.50)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)	8384A	11-40-3198
11-40-2198	42024	Terminator Die	16-20 (1.30-0.50)	3.30 (0.130) max.	3.96-5.54 (0.156-0.218)	8384A	11-40-3198
11-40-2202	2759	Terminator Die	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	8388A	11-40-3205
11-40-2202	40445	Terminator Die	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	8388A	11-40-3205
11-40-2203	6361	Terminator Die	16-20 (1.30-0.50)	2.79 (0.110) max.	3.05-3.56 (0.120-0.140)	8387A	11-40-3204
11-40-2204	5479	Terminator Die	30-32 (0.05-0.03)	1.20 (0.047) max.	1.20-2.54 (0.047-0.100)	8345B	11-40-3206
11-40-2205	1508	Terminator Die	14-18 (2.00-0.80)	3.55 (0.140) max.	3.96-5.53 (0.156-0.218)	8393A	11-40-3207
11-40-2206	2477	Terminator Die	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8394A	11-40-3208
11-40-2206	2478	Terminator Die	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8394A	11-40-3208
11-40-2206	2878	Terminator Die	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8394A	11-40-3208
11-40-2206	4838	Terminator Die	18-26 (0.80-0.12)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8394A	11-40-3208
11-40-2207	2578	Terminator Die	24-30 (0.20-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)	8394B	11-40-3209
11-40-2208	41050	Terminator Die	22-24 (0.35-0.20)	2.79 (0.110) max.	3.30-3.81 (0.130-0.150)	8392A	11-40-3210
11-40-2209	6778	Terminator Die	24-30 (0.20-0.05)	1.52 (0.060) max.	2.54-3.17 (0.100-0.125)	8394C	11-40-3211
11-40-2210	40641	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	2.54-3.17 (0.100-0.125)	8394D	11-40-3212
11-40-2211	42251	Terminator Die	18-24 (0.80-0.20)	2.79 (0.110) max.	3.17-3.96 (0.125-0.156)	8389A	11-40-3004
11-40-2212	41483	Terminator Die	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)	8395A	11-40-3214
11-40-2212	42138	Terminator Die	14-18 (2.00-0.80)	4.57 (0.180) max.	4.32-4.95 (0.170-0.195)	8395A	11-40-3214
11-40-2213	8980	Terminator Die	14-20 (2.00-0.50)	3.55 (0.140) max.	3.81-4.57 (0.150-0.180)	8391A	11-40-3215
11-40-2214	1973	Terminator Die	16-24 (1.30-0.20)	3.04 (0.120) max.	3.96-5.53 (0.156-0.218)	8396A	11-40-3216
11-40-2215	42464	Terminator Die	16-20 (1.30-0.50)	2.79 (0.110) max.	3.05-3.56 (0.120-0.140)	8397A	11-40-3218
11-40-2216	30272	Terminator Die	16-18 (1.30-0.80)	2.74-3.05 (0.108-0.120)	3.17-3.96 (0.125-0.156)	63300A	11-40-3217
11-40-2217	5175	Terminator Die	16-22 (1.30-0.35)	3.40 (0.134) max.	3.70-4.30 (0.147-0.169)	63301A	11-40-3219
11-40-2218	87116	Terminator Die	24-28 (0.20-0.08)	1.40 (0.055) max.	2.79-3.30 (0.110-0.130)	8398A	11-40-3220
11-40-2219	87217	Terminator Die	24-26 (0.20-0.12)	1.40 (0.055) max.		63302A	11-40-3221
11-40-2220	4809	Terminator Die	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	63303A	11-40-3222
11-40-2221	5394	Terminator Die	20-22 (0.50-0.35)	2.10 (0.082) max.	4.00 (0.157) max.	8334B	11-40-3223
11-40-2222	87116	Terminator Die	28-32 (0.08-0.03)	0.90 (0.035) max.	2.80-3.30 (0.110-0.130)	8398B	11-40-3224
11-40-2223	42555	Terminator Die	16-18 (1.30-0.80)	4.57 (0.180) max.	4.06-5.59 (0.160-0.220)	63304A	11-40-3225
11-40-2225	2012	Terminator Die	16 (1.30)	2.49 (0.098) max.	3.17-3.96 (0.125-0.156)	8303E	11-40-3232
11-40-2226	30293	Terminator Die	18-20 (0.80-0.50)	3.05 (0.120) max.	2.54-3.18 (0.100-0.125)	63307A	11-40-3227
11-40-2227	42667	Terminator Die	10-12 (5.00-3.30)	3.68 (0.145) max.	4.57 (0.180) max.	8369C	11-40-3228
11-40-2228	42668	Terminator Die	8	3.68 (0.145) max.	4.57 (0.180) max.	8369D	11-40-3229
11-40-2230	4529	Terminator Die	18-24 (0.80-0.20)	1.85-2.79 (0.073-0.110)	3.17-3.96 (0.125-0.156)	8302F	11-40-3231
11-40-2232	42297	Terminator Die	14-18 (2.00-0.80)	3.51 (0.138) max.	3.96-5.33 (0.156-0.218)	63313A	11-40-3234
11-40-2234	42477	Terminator Die	14-18 (2.00-0.80)	3.20 (0.126) max.	3.96-5.53 (0.156-0.218)	63310A	11-40-3236

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order

For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13

Always review proper operating instructions enclosed with your crimp tool

Application Tooling



ORDERING INFORMATION (CONTINUED)

**Cross Reference by
Tool Order Number**

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
11-40-2234	42478	Terminator Die	14-18 (2.00-0.80)	3.20 (0.126) max.	3.96-5.53 (0.156-0.218)	63310A	11-40-3236
11-40-2236	87048	Terminator Die	26-30 (0.12-0.05)	1.00 (0.039) max.	5.00 (0.197) max.	63312A	11-40-3238
11-40-2237	42667	Terminator Die	10-14 (5.00-2.00)		4.57 (0.180) max.	8369E	11-40-3240
11-40-2238	42668	Terminator Die	8		4.57 (0.180) max.	8369F	11-40-3241
11-40-2240	4811	Terminator Die	24 (0.20)	2.29-2.54 (0.090-0.100)	5.97-6.35 (0.235-0.250)	8310D	11-40-3243
11-40-2241	4811	Terminator Die	24-26 (0.20-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)	8310E	11-40-3244
11-40-2241	5190	Terminator Die	24-26 (0.20-0.12)	0.99-1.52 (0.039-0.060)	5.97-6.35 (0.235-0.250)	8310E	11-40-3244
11-40-2244	50133	Terminator Die	28-32 (0.08-0.03)	1.00 (0.039) max.	1.40-1.90 (0.055-0.075)	63314A	11-40-3247
11-40-2244	50125	Terminator Die	26-28 (0.12-0.08)	1.00 (0.039) max.	1.40-1.90 (0.055-0.075)	63314A	11-40-3247
11-40-2245	50058	Terminator Die	28-32 (0.08-0.03)	1.00 (0.039) max.	1.40-1.90 (0.055-0.075)	63315A	11-40-3248
11-40-2245	50079	Terminator Die	26-28 (0.12-0.08)	1.00 (0.039) max.	1.40-1.90 (0.055-0.075)	63315A	11-40-3248
11-40-2246	5298	Terminator Die	18-24 (0.80-0.20)	3.05 (0.120) max.	5.00-6.00 (0.200-0.240)	8350B	11-40-3249
11-40-2248	50038	Terminator Die	20-22 (0.50-0.35)	1.90 (0.075) max.	2.00-2.50 (0.078-0.098)	63318A	11-40-3251
11-40-2248	50039	Terminator Die	20-22 (0.50-0.35)	1.90 (0.075) max.	2.00-2.50 (0.078-0.098)	63318A	11-40-3251
11-40-2249	30490	Terminator Die	18-24 (0.80-0.20)	3.00 (0.118) max.	3.00-3.55 (0.118-0.138)	63319A	11-40-3252
11-40-2250	41050	Terminator Die	18 (0.80)	3.55 (0.140) max.	3.30-3.81 (0.130-0.150)	8392B	11-40-3254
11-40-2251	7879	Terminator Die	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	8322C	11-40-3253
11-40-2255	50212	Terminator Die	24-30 (0.12-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)	63320A	11-40-3259
11-40-2257	42824	Terminator Die	16-18 (1.30-0.80)	3.05 (0.120) max.	4.57 (0.180) max.	63321A	11-40-3261
11-40-2258	43030	Terminator Die	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	63323A	11-40-3262
11-40-2258	43031	Terminator Die	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	63323A	11-40-3262
11-40-2259	43030	Terminator Die	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	63323B	11-40-3263
11-40-2259	43031	Terminator Die	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	63323B	11-40-3263
11-40-2261	35727	Terminator Die	14-20 (2.00-0.50)	3.40 (0.134) max.	4.70-5.40 (0.185-0.212)	63324A	11-40-3264
11-40-2261	35728	Terminator Die	14-20 (2.00-0.50)	3.40 (0.134) max.	4.70-5.40 (0.185-0.212)	63324A	11-40-3264
11-40-2263	5556	Terminator Die	26-30 (0.12-0.05)	1.80 (0.071) max.	2.80-3.30 (0.110-0.130)	8352F	11-40-3266
11-40-2263	5558	Terminator Die	26-30 (0.12-0.05)	1.80 (0.071) max.	2.80-3.30 (0.110-0.130)	8352F	11-40-3266
11-40-2265	2759	Terminator Die	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)	8304DX	11-40-3267
11-40-2265	40445	Terminator Die	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)	8304DX	11-40-3267
11-40-2265	6459	Terminator Die	22-30 (0.35-0.05)	1.09-1.57 (0.043-0.062)	2.54-3.17 (0.100-0.125)	8304DX	11-40-3267
11-40-2265	5159	Terminator Die	22-28 (0.35-0.08)	1.20-1.70 (0.047-0.067)	2.80-3.40 (0.110-0.133)	8304DX	11-40-3267
11-40-2266	5556	Terminator Die	20 (0.50)	3.00 (0.118) max.	3.00-3.50 (0.118-0.138)	63326A	11-40-3268
11-40-2266	5558	Terminator Die	20 (0.50)	3.00 (0.118) max.	3.00-3.50 (0.118-0.138)	63326A	11-40-3268
11-40-2267	5556	Terminator Die	22-24 (0.35-0.20)	1.80 (0.071) max.	2.80-3.30 (0.110-0.130)	63326B	11-40-3269
11-40-2267	5558	Terminator Die	22-24 (0.35-0.20)	1.80 (0.071) max.	2.80-3.30 (0.110-0.130)	63326B	11-40-3269
11-40-2270	42477	Terminator Die	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	2.57-5.30 (0.101-0.209)	63329A	11-40-3272
11-40-2270	42478	Terminator Die	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	2.57-5.30 (0.101-0.209)	63329A	11-40-3272
11-40-2271	50098	Terminator Die	18-22 (0.80-0.35)	1.60-2.20 (0.063-0.087)	2.50-3.00 (0.098-0.118)	63330A	11-40-3273
11-40-2272	35021	Terminator Die	24-30 (0.20-0.05)	1.01-1.50 (0.040-0.059)	1.80-2.20 (0.071-0.086)	63331A	11-40-3274
11-40-2273	8980	Terminator Die	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.54 (0.156-0.218)	63308B	11-40-3275
11-40-2273	8980	Terminator Die	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.54 (0.156-0.218)	63308B	11-40-3275
11-40-2274	8980	Terminator Die	14-20 (2.00-0.50)	2.36-3.55 (0.093-0.140)	3.96-5.53 (0.156-0.218)	63309A	11-40-3276
11-40-2275	8980	Terminator Die	18-22 (0.80-0.35)	1.52-2.29 (0.060-0.090)	3.96-5.53 (0.156-0.218)	63309B	11-40-3277
11-40-2276	1854	Terminator Die	28-30 (0.08-0.05)	1.18-1.77 (0.046-0.070)	3.17-3.96 (0.125-0.156)	8302G	11-40-3278
11-40-2276	1855	Terminator Die	28-30 (0.08-0.05)	1.18-1.77 (0.046-0.070)	3.17-3.96 (0.125-0.156)	8302G	11-40-3278
11-40-2278	50394	Terminator Die	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)	63332A	11-40-3279
11-40-2282	8980	Terminator Die	14-20 (2.00-0.50)	3.55 (0.140) max.	4.75-5.54 (0.187-0.218)	8347B	11-40-3283
11-40-2283	70058	Terminator Die	24-30 (0.20-0.05)	1.62 (0.064) max.	3.17-3.56 (0.125-0.140)	8331E	11-40-3284
11-40-2283	71851	Terminator Die	24-30 (0.20-0.05)	1.62 (0.064) max.	3.17-3.56 (0.125-0.140)	8331E	11-40-3284
11-40-2284	50372	Terminator Die	22-26 (0.35-0.12)	0.93-1.35 (0.037-0.053)	1.30-1.80 (0.051-0.071)	63320B	11-40-3290
11-40-2285	42825	Terminator Die	16-18 (1.30-0.80)	3.05 (0.120) max.	4.57 (0.180) max.	63321B	11-40-3287
11-40-2287	50351	Terminator Die	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.091-0.110)	63335A	11-40-3286
11-40-2288	70021	Terminator Die	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)	8341E	11-40-3288
11-40-2289	50097	Terminator Die	20-24 (0.50-0.20)	1.40-1.90 (0.055-0.075)	2.50-3.00 (0.098-0.118)	63336A	11-40-3289
57046-5000	50012	Hand Tool	24-28 (0.20-0.08)	1.15 (0.045) max.	1.70-2.20 (0.067-0.087)	57046-5000	
57046-5000	50013	Hand Tool	24-28 (0.20-0.08)	1.15 (0.045) max.	1.70-2.20 (0.067-0.087)	57046-5000	
57050-5000	5378	Hand Tool	24-28 (0.02-0.08)	1.52 (0.060) max.	1.70-2.30 (0.067-0.091)	57050-5000	
57056-5000	50034	Hand Tool	26-30 (0.12-0.05)	1.40 (0.055) max.	1.40-1.90 (0.055-0.075)	57056-5000	
57057-6000	50034	Extraction	26-30 (0.12-0.05)	1.40 (0.055) max.	1.40-1.90 (0.055-0.075)		
57072-6000	50058	Extraction	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)		
57072-6000	50061	Extraction	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)		
57072-6000	50133	Extraction	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)		
57072-6000	50079	Extraction	26-28 (0.12-0.08)	0.99-1.30 (0.039-0.051)	1.40-1.90 (0.055-0.075)		
57072-6000	50080	Extraction	26-28 (0.12-0.08)	0.99-1.30 (0.039-0.051)	1.40-1.90 (0.055-0.075)		
57072-6000	50125	Extraction	26-28 (0.12-0.08)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)		

Application Tooling

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)

Cross Reference by Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
57075-5000	50031	Hand Tool	30-34 (0.05-0.02)	0.76-1.52 (0.030-0.060)		57075-5000	
57085-5000	50038	Hand Tool	22 (0.35)	1.80 (0.071) max.	2.00-2.50 (0.078-0.098)	57085-5000	
57085-5000	50039	Hand Tool	22 (0.35)	1.80 (0.071) max.	2.00-2.50 (0.078-0.098)	57085-5000	
57086-5000	50038	Hand Tool	20 (0.50)	1.80 (0.071) max.	2.00-2.50 (0.078-0.098)	57086-5000	
57086-5000	50039	Hand Tool	20 (0.50)	1.80 (0.071) max.	2.00-2.50 (0.078-0.098)	57086-5000	
57105-6000	50031	Extraction	30-34 (0.05-0.02)	0.76-1.52 (0.030-0.060)			
57105-6000	50011	Extraction	24-30 (0.20-0.50)	1.40 (0.055) max.	1.60-2.10 (0.063-0.083)	57105-6000	
57105-6000	50212	Extraction	24-30 (0.20-0.50)	1.40 (0.055) max.	1.60-2.10 (0.063-0.083)	57105-6000	
57118-5000	50097	Hand Tool	20-24 (0.50-0.20)	1.40-1.90 (0.055-0.075)	2.50-3.00 (0.098-0.118)	57118-5000	
57119-5000	50098	Hand Tool	18-22 (0.80-0.35)	1.80-2.60 (0.071-0.102)	2.50-3.00 (0.098-0.118)	57119-5000	
57132-5000	50147	Hand Tool	22 (AVSS 0.3)	1.40-1.50 (0.055-0.059)	2.00-2.50 (0.078-0.098)	57132-5000	
57132-5000	50148	Hand Tool	22 (AVSS 0.3)	1.40-1.50 (0.055-0.059)	2.00-2.50 (0.078-0.098)	57132-5000	
57140-5000	50125	Hand Tool	24-28 (0.20-0.08)	1.15 (0.045) max.	1.40-1.90 (0.055-0.075)	57140-5000	
57175-5000	50372	Hand Tool	22-24 (0.35-0.20)	1.00-1.40 (0.040-0.055)	1.30-1.80 (0.051-0.071)	57175-5000	
57189-5000	50217	Hand Tool	18-24 (0.80-0.20)	1.50-2.20 (0.059-0.087)	3.00-3.50 (0.118-0.138)	57189-5000	
57189-5000	50539	Hand Tool	18-24 (0.80-0.20)	1.50-2.20 (0.059-0.087)	3.00-3.50 (0.118-0.138)	57189-5000	
57190-5000	50217	Hand Tool	18-24 (0.80-0.20)	2.30-3.00 (0.090-0.118)	3.00-3.50 (0.118-0.138)	57190-5000	
57190-5000	50539	Hand Tool	18-24 (0.80-0.20)	2.30-3.00 (0.090-0.118)	3.00-3.50 (0.118-0.138)	57190-5000	
57288-5000	50350	Hand Tool	18-20 (0.80-0.50)	1.70-2.20 (0.067-0.087)	2.80-3.40 (0.110-0.134)	57288-5000	
57288-5100	50350	Hand Tool	16-18 (1.30-0.80)	2.00-2.60 (0.079-0.102)	2.80-3.40 (0.110-0.134)	57288-5100	
57295-5000	50351	Hand Tool	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.090-0.110)	57295-5000	
57309-6000	50351	Extraction	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.090-0.110)		
57317-5000	50516	Hand Tool	28-32 (0.08-0.03)	1.00 (0.040) max.	1.20-1.70 (0.047-0.067)	57317-5000	
57317-6000	50516	Extraction	28-32 (0.08-0.03)	1.00 (0.040) max.	1.20-1.70 (0.047-0.067)		
57321-6000	50372	Extraction	22-24 (0.35-0.20)	1.00-1.40 (0.040-0.055)	1.30-1.80 (0.051-0.071)		
57347-5000	50598	Hand Tool	20-26 (0.50-0.12)	1.20-1.90 (0.047-0.075)	2.70-3.30 (0.106-0.130)	57347-5000	
57347-5000	50600	Hand Tool	20-26 (0.50-0.12)	1.20-1.90 (0.047-0.075)	2.70-3.30 (0.106-0.130)	57347-5000	
57347-5100	50598	Hand Tool	24-26 (0.20-0.12)	2.10-2.40 (0.082-0.094)	2.70-3.30 (0.106-0.130)	57347-5100	
57347-5100	50600	Hand Tool	24-26 (0.20-0.12)	2.10-2.40 (0.082-0.094)	2.70-3.30 (0.106-0.130)	57347-5100	
57347-5200	50597	Hand Tool	16-18 (1.30-0.80)	2.00-2.60 (0.079-0.102)	2.70-3.30 (0.106-0.130)	57347-5200	
57347-5200	50599	Hand Tool	16-18 (1.30-0.80)	2.00-2.60 (0.079-0.102)	2.70-3.30 (0.106-0.130)	57347-5200	
57347-5300	50597	Hand Tool	16-22 (1.30-0.35)	2.00-3.30 (0.079-0.130)	2.70-3.30 (0.106-0.130)	57347-5300	
57347-5300	50599	Hand Tool	16-22 (1.30-0.35)	2.00-3.30 (0.079-0.130)	2.70-3.30 (0.106-0.130)	57347-5300	
57347-5400	50597	Hand Tool	16-20 (1.30-0.50)	2.00-2.50 (0.079-0.098)	2.70-3.30 (0.106-0.130)	57347-5400	
57347-5400	50599	Hand Tool	16-20 (1.30-0.50)	2.00-2.50 (0.079-0.098)	2.70-3.30 (0.106-0.130)	57347-5400	
57347-6000	50598	Extraction	24-26 (0.20-0.12)	2.10-2.40 (0.082-0.094)	2.70-3.30 (0.106-0.130)	57347-6000	
57347-6000	50600	Extraction	24-26 (0.20-0.12)	2.10-2.40 (0.082-0.094)	2.70-3.30 (0.106-0.130)	57347-6000	
57347-6000	50598	Extraction	20-26 (0.50-0.12)	1.20-1.90 (0.047-0.075)	2.70-3.30 (0.106-0.130)		
57347-6000	50600	Extraction	20-26 (0.50-0.12)	1.20-1.90 (0.047-0.075)	2.70-3.30 (0.106-0.130)		
57347-6000	50597	Extraction	16-22 (1.30-0.35)	2.00-3.30 (0.079-0.130)	2.70-3.30 (0.106-0.130)		
57347-6000	50599	Extraction	16-22 (1.30-0.35)	2.00-3.30 (0.079-0.130)	2.70-3.30 (0.106-0.130)		
57347-6000	50597	Extraction	16-20 (1.30-0.50)	2.00-2.50 (0.079-0.098)	2.70-3.30 (0.106-0.130)		
57347-6000	50599	Extraction	16-20 (1.30-0.50)	2.00-2.50 (0.079-0.098)	2.70-3.30 (0.106-0.130)		
57347-6000	50597	Extraction	16-18 (1.30-0.80)	2.00-2.60 (0.079-0.102)	2.70-3.30 (0.106-0.130)		
57347-6000	50599	Extraction	16-18 (1.30-0.80)	2.00-2.60 (0.079-0.102)	2.70-3.30 (0.106-0.130)		
57352-5000	50641	Hand Tool	26-30 (0.12-0.05)	0.50-1.00 (0.020-0.040)	1.30-1.70 (0.051-0.067)	57352-5000	
57352-5100	50753	Hand Tool	30-32 (0.05-0.03)	0.40-0.55 (0.016-0.022)	1.30-1.70 (0.051-0.067)	57352-5100	
63811-0100	87421	Hand Tool	26 (0.12)	0.99-1.30 (0.039-0.051)	1.05-1.54 (0.041-0.061)	63811-0100	
63811-0200	50058	Hand Tool	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)	63811-0200	63811-0201
63811-0200	50061	Hand Tool	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)	63811-0200	63811-0201
63811-0200	50133	Hand Tool	28-32 (0.08-0.03)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)	63811-0200	63811-0201
63811-0300	50079	Hand Tool	26-28 (0.12-0.08)	0.99-1.30 (0.039-0.051)	1.40-1.90 (0.055-0.075)	63811-0300	63811-0201
63811-0300	50080	Hand Tool	26-28 (0.12-0.08)	0.99-1.30 (0.039-0.051)	1.40-1.90 (0.055-0.075)	63811-0300	63811-0201
63811-0300	50125	Hand Tool	26-28 (0.12-0.08)	1.02 (0.040) max.	1.40-1.90 (0.055-0.075)	63811-0300	63811-0201
63811-0400	43374	Hand Tool	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	63811-0400	63811-0475
63811-0400	43375	Hand Tool	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	63811-0400	63811-0475
63811-0500	43374	Hand Tool	18 (0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)	63811-0500	63811-0575
63811-0500	43375	Hand Tool	18 (0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)	63811-0500	63811-0575
63811-0600	43178	Hand Tool	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	63811-0600	63811-0675
63811-0700	43178	Hand Tool	18 (0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)	63811-0700	63811-0775
63811-0800	50011	Hand Tool	24-30 (0.20-0.50)	0.80-1.40 (0.031-0.055)	1.60-2.10 (0.063-0.083)	63811-0800	63811-0875
63811-1100	1900	Hand Tool	10-14 (5.00-2.00)	3.56-4.57 (0.140-0.180)	4.06-5.59 (0.160-0.220)	63811-1100	63811-1175
63811-1100	1901	Hand Tool	10-14 (5.00-2.00)	3.56-4.57 (0.140-0.180)	4.06-5.59 (0.160-0.220)	63811-1100	63811-1175
63811-1100	42546	Hand Tool	10-14 (5.00-2.00)	3.56-4.57 (0.140-0.180)	4.06-5.59 (0.160-0.220)	63811-1100	63811-1175
63811-1100	42547	Hand Tool	10-14 (5.00-2.00)	3.56-4.57 (0.140-0.180)	4.06-5.59 (0.160-0.220)	63811-1100	63811-1175

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ORDERING INFORMATION (CONTINUED)

**Cross Reference by
Tool Order Number**

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
63811-1200	50212	Hand Tool	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)	63811-1200	63811-1275
63811-1500	42815	Hand Tool	8 (8.50)	3.50-5.30 (0.138-0.209)	9.00-10.00 (0.354-0.394)	63811-1500	63811-1575
63811-1500	42817	Hand Tool	8 (8.50)	3.50-5.30 (0.138-0.209)	9.00-10.00 (0.354-0.394)	63811-1500	63811-1575
63811-1600	42815	Hand Tool	10-12 (5.00-3.30)	3.50-5.30 (0.138-0.209)	7.50-8.50 (0.295-0.355)	63811-1600	63811-1575
63811-1600	42817	Hand Tool	10-12 (5.00-3.30)	3.50-5.30 (0.138-0.209)	7.50-8.50 (0.295-0.355)	63811-1600	63811-1575
63811-2000	44247	Hand Tool	18 (0.80)	0.110 (2.79) max.	3.17-4.75 (0.125-0.187)	63811-2000	63811-2075
63811-2200	2477	Hand Tool	18 (0.81)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	2477	Hand Tool	20 (0.56)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	2477	Hand Tool	22 (0.35)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	2477	Hand Tool	24 (0.22)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	2478	Hand Tool	18 (0.81)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	2478	Hand Tool	20 (0.56)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	2478	Hand Tool	22 (0.35)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	2478	Hand Tool	24 (0.22)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	2878	Hand Tool	18 (0.81)	1.52-2.79 (.060-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	2878	Hand Tool	20 (0.56)	1.52-2.79 (.060-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	2878	Hand Tool	22 (0.35)	1.52-2.79 (.060-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	2878	Hand Tool	24 (0.22)	1.52-2.79 (.060-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	4838	Hand Tool	18 (0.81)	1.52-2.41 (.060-.095)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	4838	Hand Tool	20 (0.56)	1.52-2.41 (.060-.095)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	4838	Hand Tool	22 (0.35)	1.52-2.41 (.060-.095)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	5167	Hand Tool	18 (0.81)	1.39-2.48 (.055-.098)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	5167	Hand Tool	20 (0.56)	1.39-2.48 (.055-.098)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	5167	Hand Tool	22 (0.35)	1.39-2.48 (.055-.098)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	5167	Hand Tool	24 (0.22)	1.39-2.48 (.055-.098)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	6438	Hand Tool	18 (0.81)	1.52-2.41 (.060-.095)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	6438	Hand Tool	20 (0.56)	1.52-2.41 (.060-.095)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	6838	Hand Tool	18 (0.81)	1.52-2.79 (.060-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	6838	Hand Tool	20 (0.56)	1.52-2.79 (.060-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	8993	Hand Tool	18 (0.81)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	8993	Hand Tool	20 (0.56)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	8993	Hand Tool	22 (0.35)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2200	8993	Hand Tool	24 (0.22)	1.39-2.79 (.055-.110)	2.54-3.17 (.100-.125)	63811-2200	63811-2275
63811-2300	2578	Hand Tool	22 (0.35)	1.20-1.52 (.047-.060)	2.54-3.17 (.100-.125)	63811-2300	63811-2375
63811-2300	2578	Hand Tool	24 (0.22)	1.20-1.52 (.047-.060)	2.54-3.17 (.100-.125)	63811-2300	63811-2375
63811-2300	2578	Hand Tool	26 (0.14)	1.20-1.52 (.047-.060)	2.54-3.17 (.100-.125)	63811-2300	63811-2375
63811-2300	7258	Hand Tool	22 (0.35)	1.20-1.52 (.047-.060)	2.54-3.17 (.100-.125)	63811-2300	63811-2375
63811-2300	7258	Hand Tool	24 (0.22)	1.20-1.52 (.047-.060)	2.54-3.17 (.100-.125)	63811-2300	63811-2375
63811-2300	7258	Hand Tool	26 (0.14)	1.20-1.52 (.047-.060)	2.54-3.17 (.100-.125)	63811-2300	63811-2375
63811-2300	5168	Hand Tool	22 (0.35)	1.20-1.70 (.047-.066)	3.00-3.50 (.118-.138)	63811-2300	63811-2375
63811-2300	5168	Hand Tool	24 (0.22)	1.20-1.70 (.047-.066)	3.00-3.50 (.118-.138)	63811-2300	63811-2375
63811-2300	5168	Hand Tool	26 (0.14)	1.20-1.70 (.047-.066)	3.00-3.50 (.118-.138)	63811-2300	63811-2375
63811-2300	5168	Hand Tool	28 (0.09)	1.20-1.70 (.047-.066)	3.00-3.50 (.118-.138)	63811-2300	63811-2375
63811-2800	43030	Hand Tool	26-30 (0.14-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	63811-2800	63811-2875
63811-2800	43031	Hand Tool	26-30 (0.14-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	63811-2800	63811-2875
63811-2800	43030	Hand Tool	20-24 (0.56-0.22)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	63811-2800	63811-2875
63811-2800	43031	Hand Tool	20-24 (0.56-0.22)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	63811-2800	63811-2875
63811-2900	8818	Hand Tool	18 (0.81)	1.52-2.79 (.060-.110)	2.54-3.17 (.100-.125)	63811-2900	63811-2975
63811-2900	8818	Hand Tool	20 (0.56)	1.52-2.79 (.060-.110)	2.54-3.17 (.100-.125)	63811-2900	63811-2975
63811-2900	8818	Hand Tool	22 (0.35)	1.52-2.79 (.060-.110)	2.54-3.17 (.100-.125)	63811-2900	63811-2975
63812-0000	2759	Insertion	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)		
63812-0000	40445	Insertion	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)		
63812-0000	41572	Insertion	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)		
63812-0000	4809	Insertion	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)		
63812-0000	5159	Insertion	22-28 (0.35-0.08)	1.20-1.70 (0.047-0.067)	2.80-3.40 (0.110-0.133)		
63812-0000	6459	Insertion	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	63812-6000	
63812-0000	7879	Insertion	22-30 (0.35-0.05)	1.57 (0.062) max.	2.54-3.17 (0.100-0.125)	63812-6000	
63813-0400	42815	Extraction	8 (8.50)	3.50-5.30 (0.138-0.209)	9.00-10.00 (0.354-0.394)		
63813-0400	42817	Extraction	8 (8.50)	3.50-5.30 (0.138-0.209)	9.00-10.00 (0.354-0.394)		
63813-0400	42815	Extraction	10-12 (5.00-3.30)	3.50-5.30 (0.138-0.209)	7.50-8.50 (0.295-0.355)		
63813-0400	42817	Extraction	10-12 (5.00-3.30)	3.50-5.30 (0.138-0.209)	7.50-8.50 (0.295-0.355)		
63813-1200	44476	Extraction	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)		
63813-1200	44478	Extraction	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)		
63820-1000	30490	FineAdjust	18-24 (0.80-0.20)	1.30-3.00 (0.051-0.118)	3.00-3.50 (0.118-0.138)	63820-1000	63820-1070
63820-1000	5556	FineAdjust	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63820-1000	63820-1070

Application Tooling

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13
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ORDERING INFORMATION (CONTINUED)

**Cross Reference by
Tool Order Number**

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
63820-1000	5558	FineAdjust	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63820-1000	63820-1070
63820-1000	44476	FineAdjust	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63820-1000	63820-1070
63820-1000	44478	FineAdjust	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63820-1000	63820-1070
63820-1100	5556	FineAdjust	22-28 (0.35-0.08)	0.90-1.80 (0.035-0.071)	2.80-3.30 (0.110-0.130)	63820-1100	63820-1170
63820-1100	5558	FineAdjust	22-28 (0.35-0.08)	0.90-1.80 (0.035-0.071)	2.80-3.30 (0.110-0.130)	63820-1100	63820-1170
63820-1200	4447	FineAdjust	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63820-1200	63820-1270
63820-1200	44478	FineAdjust	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63820-1200	63820-1270
63820-1200	5556	FineAdjust	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63820-1200	63820-1270
63820-1200	5558	FineAdjust	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63820-1200	63820-1270
63820-7000	50058	FineAdjust	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63820-7000	63820-7070
63820-7000	50516	FineAdjust	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.20-1.70 (0.047-0.067)	63820-7000	63820-7070
63820-7000	50079	FineAdjust	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63820-7000	63820-7070
63820-7100	50011	FineAdjust	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.60-2.10 (0.063-0.083)	63820-7100	63820-7170
63820-7200	50031	FineAdjust	30-34 (0.05-0.02)	0.50-0.90 (0.020-0.035)	1.60-2.10 (0.063-0.083)	63820-7200	63820-7270
63820-7300	50372	FineAdjust	22-26 (0.35-0.12)	0.95-1.40 (0.037-0.055)	1.30-1.80 (0.051-0.071)	63820-7300	63820-7370
63820-7400	50034	FineAdjust	26-30 (0.12-0.05)	0.80-1.40 (0.031-0.055)	1.40-1.90 (0.055-0.075)	63820-7400	63820-7470
63820-7500	50212	FineAdjust	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)	63820-7500	63820-7570
63820-7500	50394	FineAdjust	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)	63820-7500	63820-7570
63820-7600	50061	FineAdjust	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63820-7600	63820-7670
63820-7600	50080	FineAdjust	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63820-7600	63820-7670
63820-7700	50133	FineAdjust	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63820-7700	63820-7770
63820-7700	50641	FineAdjust	26-30 (0.12-0.05)	0.50-1.00 (0.020-0.040)	1.30-1.70 (0.051-0.067)	63820-7700	63820-7770
63820-7700	50125	FineAdjust	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63820-7700	63820-7770
63820-8000	43030	FineAdjust	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	63820-8000	63820-8070
63820-8100	43030	FineAdjust	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	63820-8100	63820-8170
63820-8200	5103	FineAdjust	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.60-3.20 (0.102-0.126)	63820-8200	63820-8270
63820-8200	5241	FineAdjust	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.60-3.20 (0.102-0.126)	63820-8200	63820-8270
63820-8400	5230	FineAdjust	22-30 (0.35-0.05)	0.80-1.50 (0.031-0.059)	2.60-3.10 (0.102-0.122)	63820-8400	63820-8470
63820-8800	5225	FineAdjust	22-28 (0.35-0.08)	1.20-2.60 (0.047-0.102)	3.00-3.50 (0.118-0.138)	63820-8800	63820-8870
63820-8900	5194	FineAdjust	18-24 (0.80-0.20)	1.30-3.00 (0.051-0.118)	3.00-3.50 (0.118-0.138)	63820-8900	63820-8970
63821-0000	42815	FineAdjust	10-12 (5.00-3.30)	3.50-5.30 (0.138-0.209)	4.40-8.50 (0.173-0.335)	63821-0000	63821-0070
63821-0000	42817	FineAdjust	10-12 (5.00-3.30)	3.50-5.30 (0.138-0.209)	4.40-8.50 (0.173-0.335)	63821-0000	63821-0070
63821-1000	50535	FineAdjust	16-18 (1.30-0.80)	2.00-2.45 (0.079-0.096)	3.70-4.20 (0.146-0.165)	63821-1000	63821-1070
63821-2000	50097	FineAdjust	20-24 (0.50-0.20)	1.30-2.10 (0.051-0.083)	2.50-3.00 (0.098-0.118)	63821-2000	63821-2070
63821-2100	50098	FineAdjust	18-22 (0.80-0.35)	1.80-2.60 (0.070-0.102)	2.50-3.00 (0.098-0.118)	63821-2100	63821-2170
63821-3000	50350	FineAdjust	20 (0.50)	1.87-2.45 (0.074-0.096)	2.80-3.40 (0.110-0.134)	63821-3000	63821-3070
63821-5000	50012	FineAdjust	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)	63821-5000	63821-5070
63821-5000	50013	FineAdjust	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)	63821-5000	63821-5070
63821-6000	5263	FineAdjust	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.40-2.90 (0.094-0.114)	63821-6000	63821-6070
63821-7000	50038	FineAdjust	20-22 (0.50-0.35)	1.50-1.90 (0.059-0.075)	2.00-2.50 (0.078-0.098)	63821-7000	63821-7070
63821-7000	50039	FineAdjust	20-22 (0.50-0.35)	1.50-1.90 (0.059-0.075)	2.00-2.50 (0.078-0.098)	63821-7000	63821-7070
63821-8000	5378	FineAdjust	24-28 (0.20-0.08)	0.90-1.50 (0.035-0.059)	1.70-2.30 (0.067-0.091)	63821-8000	63821-8070
63822-0000	2300	FineAdjust	18-22 (0.80-0.35)	1.07-4.00 (0.042-0.157)	2.80-4.00 (0.110-0.157)	63822-0000	63822-0070
63822-4000	50639	FineAdjust	22-28 (0.35-0.08)	0.55-1.15 (0.022-0.045)	2.20-2.70 (0.087-0.106)	63822-4000	63822-4070
63822-6000	59319	FineAdjust	16 (1.30)	2.50 (0.098) max.	3.90-4.40 (0.154-0.173)	63822-6000	63822-6070
63822-6100	50637	FineAdjust	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)	63822-6100	63822-6170
63830-0000	42815	Mini-Mac	8 (8.50)	3.50-5.30 (0.138-0.209)	9.00-10.0 (0.354-0.394)	63830-0000	63830-0070
63830-0000	42817	Mini-Mac	8 (8.50)	3.50-5.30 (0.138-0.209)	9.00-10.0 (0.354-0.394)	63830-0000	63830-0070
63830-0100	42815	Mini-Mac	10-12 (5.00-3.30)	3.50-5.30 (0.138-0.209)	7.50-8.50 (0.295-0.355)	63830-0100	63830-0170
63830-0100	42817	Mini-Mac	10-12 (5.00-3.30)	3.50-5.30 (0.138-0.209)	7.50-8.50 (0.295-0.355)	63830-0100	63830-0170
63830-3000	43374	Mini-Mac	18 DBL (0.80x0.80)	2.80x2.80 (0.110x0.110)	3.96-5.54 (0.156-0.218)	63830-3000	63830-3070
63830-3000	43375	Mini-Mac	18 DBL (0.80x0.80)	2.80x2.80 (0.110x0.110)	3.96-5.54 (0.156-0.218)	63830-3000	63830-3070
63830-4000	43178	Mini-Mac	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	63830-4000	63830-4070
63830-4100	43178	Mini-Mac	14-18 (2.00-0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)	63830-4100	63830-4170
63830-4200	43178	Mini-Mac	14-18 (2.00-0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)	63830-4200	63830-4270
63830-4300	43178	Mini-Mac	18x18 (0.80x0.80)	2.80x2.80 (0.110x0.110)	3.96-5.54 (0.156-0.218)	63830-4300	63830-4370
63830-6000	42172	Mini-Mac	18x2 (2(0.80))	2.80-3.00 (0.110-0.118)	4.75-5.54 (0.187-0.218)	63830-6000	63830-6070
63830-6000	42172	Mini-Mac	18 (0.80)	2.80-3.00 (0.110-0.118)	4.75-5.54 (0.187-0.218)	63830-6000	63830-6070
63830-6000	42172	Mini-Mac	16 (1.30)	2.80-3.00 (0.110-0.118)	4.75-5.54 (0.187-0.218)	63830-6000	63830-6070
63830-6000	42172	Mini-Mac	1-16 & 1-18 (1.30)(0.80))	2.80-3.00 (0.110-0.118)	4.75-5.54 (0.187-0.218)	63830-6000	63830-6070
63830-6100	42172	Mini-Mac	14-16 x2 (2(1.30))	3.00-3.45 (0.118-0.136)	4.75-5.54 (0.187-0.218)	63830-6100	63830-6170
63830-6100	42172	Mini-Mac	14 (2.00)	3.00-3.45 (0.118-0.136)	4.75-5.54 (0.187-0.218)	63830-6100	63830-6170
63840-4000	43178	Terminator Die	18 (0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	63840-4000	63840-4070
63840-4100	43178	Terminator Die	14-18 (2.00-0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)	63840-4100	63840-4170
63840-4200	43178	Terminator Die	14-18 (2.00-0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)	63840-4200	63840-4270

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Tool Order Number**

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TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
63840-4300	43178	Terminator Die	18x18 (0.80x0.80)	2.80x2.80 (0.110x0.110)	3.96-5.54 (0.156-0.218)	63840-4300	63840-4370
63840-5000	43375	Terminator Die	14-18 (2.00-0.80)	2.36-3.56 (0.093-0.140)	3.96-5.54 (0.156-0.218)	63840-5000	63840-5070
63840-5200	43375	Terminator Die	14-18 (2.00-0.80)	3.05-4.57 (0.120-0.180)	3.96-5.54 (0.156-0.218)	63840-5200	63840-5270
63840-6300	43178	Terminator Die	14-18 (2.00-0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)	63840-6300	63840-6370
63840-6400	43178	Terminator Die	18 (0.80)	3.03-4.57 (0.119-0.180)	3.96-5.54 (0.156-0.218)	63840-6400	63840-6470
63841-0000	30661	Terminator Die	16-18 (1.30-0.80)	2.05-3.12 (0.081-0.123)	3.90-4.60 (0.153-0.181)	63841-0000	63841-0070
63841-0100	30661	Terminator Die	20-22 (0.50-0.35)	1.64-2.50 (0.065-0.098)	3.90-4.60 (0.153-0.181)	63841-0100	63841-0170
63841-5000	50012	Terminator Die	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)	63841-5000	63841-5070
63841-5000	50013	Terminator Die	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)	63841-5000	63841-5070
63850-1000	30490	T2 Terminator	18-24 (0.80-0.20)	1.30-3.00 (0.051-0.118)	3.00-3.50 (0.118-0.138)	63850-1000	63850-1070
63850-1000	44485	T2 Terminator	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63850-1000	63850-1070
63850-1000	5556	T2 Terminator	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63850-1000	63850-1070
63850-1000	5558	T2 Terminator	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63850-1000	63850-1070
63850-1000	44476	T2 Terminator	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63850-1000	63850-1070
63850-1000	44478	T2 Terminator	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63850-1000	63850-1070
63850-1100	5556	T2 Terminator	22-28 (0.35-0.08)	0.90-1.80 (0.035-0.071)	2.80-3.30 (0.110-0.130)	63850-1100	63850-1170
63850-1100	5558	T2 Terminator	22-28 (0.35-0.08)	0.90-1.80 (0.035-0.071)	2.80-3.30 (0.110-0.130)	63850-1100	63850-1170
63850-1200	44476	T2 Terminator	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63850-1200	63850-1270
63850-1200	44478	T2 Terminator	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63850-1200	63850-1270
63850-1200	5556	T2 Terminator	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63850-1200	63850-1270
63850-1200	5558	T2 Terminator	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63850-1200	63850-1270
63850-1400	30490	T2 Terminator	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63850-1400	63850-1470
63850-1400	44485	T2 Terminator	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63850-1400	63850-1470
63850-1400	5556	T2 Terminator	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63850-1400	63850-1470
63850-1400	5558	T2 Terminator	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63850-1400	63850-1470
63850-1400	44476	T2 Terminator	18-20 (0.80-0.50)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63850-1400	63850-1470
63850-1400	44478	T2 Terminator	18-20 (0.80-0.50)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63850-1400	63850-1470
63850-2000	70058	T2 Terminator	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)	63850-2000	63850-2070
63850-2000	71851	T2 Terminator	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)	63850-2000	63850-2070
63850-2100	70058	T2 Terminator	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)	63850-2100	63850-2170
63850-2100	71851	T2 Terminator	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)	63850-2100	63850-2170
63850-2200	70058	T2 Terminator	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)	63850-2200	63850-2270
63850-2200	71851	T2 Terminator	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)	63850-2200	63850-2270
63850-3000	50217	T2 Terminator	18-24 (0.80-0.20)	1.40-3.00 (0.055-0.118)	3.00-3.50 (0.118-0.138)	63850-3000	63850-3070
63850-3000	50539	T2 Terminator	18-24 (0.80-0.20)	1.40-3.00 (0.055-0.118)	3.00-3.50 (0.118-0.138)	63850-3000	63850-3070
63850-3100	50217	T2 Terminator	18-24 (0.80-0.20)	1.40-2.15 (0.055-0.085)	3.00-3.50 (0.118-0.138)	63850-3100	63850-3170
63850-3100	50539	T2 Terminator	18-24 (0.80-0.20)	1.40-2.15 (0.055-0.085)	3.00-3.50 (0.118-0.138)	63850-3100	63850-3170
63850-4000	50087	T2 Terminator	24-30 (0.20-0.05)	0.80-1.60 (0.031-0.063)	3.00-3.50 (0.118-0.138)	63850-4000	63850-4070
63850-4000	70021	T2 Terminator	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)	63850-4000	63850-4070
63850-4000	50294	T2 Terminator	24-28 (0.20-0.08)	0.85-1.60 (0.034-0.063)	3.00-3.50 (0.118-0.138)	63850-4000	63850-4070
63850-4100	50088	T2 Terminator	22-24 (0.35-0.20)	1.00-1.60 (0.039-0.063)	3.00-3.50 (0.118-0.137)	63850-4100	63850-4170
63850-4100	70021	T2 Terminator	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)	63850-4100	63850-4170
63850-4200	70021	T2 Terminator	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)	63850-4200	63850-4270
63850-5000	50752	T2 Terminator	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.00-2.50 (0.078-0.098)	63850-5000	63850-5070
63850-5100	35074	T2 Terminator	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.091-0.110)	63850-5100	63850-5100
63850-5100	50351	T2 Terminator	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.091-0.110)	63850-5100	63850-5100
63850-6000	50038	T2 Terminator	20-22 (0.50-0.35)	1.90 (0.075) max.	2.00-2.50 (0.078-0.098)	63850-6000	63860-6070
63850-6000	50039	T2 Terminator	20-22 (0.50-0.35)	1.90 (0.075) max.	2.00-2.50 (0.078-0.098)	63850-6000	63860-6070
63850-7000	50058	T2 Terminator	28-32 (0.80-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63850-7000	63850-7070
63850-7000	50079	T2 Terminator	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63850-7000	63850-7070
63850-7100	50011	T2 Terminator	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.60-2.10 (0.063-0.083)	63850-7100	63850-7170
63850-7200	50031	T2 Terminator	30-34 (0.05-0.02)	0.50-0.90 (0.020-0.035)	1.60-2.10 (0.063-0.083)	63850-7200	63850-7270
63850-7400	50034	T2 Terminator	26-30 (0.12-0.05)	0.80-1.40 (0.031-0.055)	1.40-1.90 (0.055-0.075)	63850-7400	63850-7470
63850-7500	50212	T2 Terminator	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)	63850-7500	63850-7270
63850-7500	50212	T2 Terminator	24-30 (0.20-0.05)	1.40 (0.055) max.	1.30-1.80 (0.051-0.071)	63850-7500	63850-7570
63850-7600	50061	T2 Terminator	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63850-7600	63850-7670
63850-7600	50133	T2 Terminator	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63850-7600	63850-7670
63850-7600	50080	T2 Terminator	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63850-7600	63850-7670
63850-7600	50125	T2 Terminator	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63850-7600	63850-7670
63850-7700	50753	T2 Terminator	30-32 (0.05-0.03)	0.40-0.55 (0.016-0.022)	1.30-1.70 (0.051-0.067)	63850-7700	63850-7770
63850-7700	50516	T2 Terminator	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.20-1.70 (0.047-0.067)	63850-7700	63850-7770
63850-7700	50641	T2 Terminator	26-30 (0.12-0.05)	0.50-0.90 (0.020-0.035)	1.30-1.70 (0.051-0.067)	63850-7700	63850-7770
63850-8000	43030	T2 Terminator	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	63850-8000	63850-8070
63850-8000	43031	T2 Terminator	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	63850-8000	63850-8070
63850-8100	43030	T2 Terminator	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	63850-8100	63850-8170

Application Tooling

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order. For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13.

Always review proper operating instructions enclosed with your crimp tool.

ORDERING INFORMATION (CONTINUED)

Cross Reference by Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
63850-8100	43031	T2 Terminator	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	63850-8100	63850-8170
63850-8200	5103	T2 Terminator	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.60-3.20 (0.102-0.126)	63850-8200	63850-8270
63850-8200	5241	T2 Terminator	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.60-3.20 (0.102-0.126)	63850-8200	63850-8270
63850-8400	5230	T2 Terminator	22-30 (0.35-0.05)	0.80-1.50 (0.031-0.059)	2.60-3.10 (0.102-0.122)	63850-8400	63850-8470
63850-8800	5225	T2 Terminator	22-28 (0.35-0.08)	1.20-2.60 (0.047-0.102)	3.00-3.50 (0.118-0.138)	63850-8800	63850-8870
63850-8900	5194	T2 Terminator	18-24 (0.80-0.20)	1.30-3.00 (0.051-0.118)	3.00-3.50 (0.118-0.138)	63850-8900	63850-8970
63850-9000	35069	T2 Terminator	18 (0.80)	3.60 (0.142) max.	3.00-3.50 (0.118-0.138)	63850-9000	63850-9070
63851-1000	50535	T2 Terminator	16-18 (1.30-0.80)	2.00-2.45 (0.079-0.096)	3.70-4.20 (0.146-0.165)	63851-1000	63851-1070
63851-2000	50097	T2 Terminator	20-24 (0.50-0.20)	1.30-2.10 (0.051-0.083)	2.50-3.00 (0.098-0.118)	63851-2000	63851-2070
63851-2100	50098	T2 Terminator	18-22 (0.80-0.35)	1.80-2.60 (0.063-0.102)	2.50-3.00 (0.098-0.118)	63853-9000	63853-9070
63851-4000	90119	T2 Terminator	28 (0.08)	0.80-1.45 (0.031-0.057)	2.80-3.30 (0.110-0.130)	63851-4000	63851-4070
63851-4000	90119	T2 Terminator	26 (0.12)	0.80-1.45 (0.031-0.057)	2.80-3.30 (0.110-0.130)	63851-4000	63851-4070
63851-4100	90119	T2 Terminator	22-24 (0.35-0.20)	1.00-1.60 (0.039-0.063)	2.80-3.30 (0.110-0.130)	63851-4100	63851-4170
63851-5000	50012	T2 Terminator	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)	63851-5000	63851-5070
63851-5000	50013	T2 Terminator	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)	63851-5000	63851-5070
63851-6000	5263	T2 Terminator	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.40-2.90 (0.094-0.114)	63851-6000	63851-6070
63851-7100	50147	T2 Terminator	20-22 (0.37-0.56)	1.40-1.09 (0.055-0.075)	2.00-2.50 (0.078-0.098)	63851-7100	63851-7170
63851-7100	50148	T2 Terminator	20-22 (0.37-0.56)	1.40-1.09 (0.055-0.075)	2.00-2.50 (0.078-0.098)	63851-7100	63851-7170
63851-8000	5378	T2 Terminator	24-28 (0.20-0.08)	0.90-1.50 (0.035-0.059)	1.70-2.30 (0.067-0.091)	63851-8000	63851-8070
63852-6000	59319	T2 Terminator	16 (1.30)	2.50 (0.098) max.	3.90-4.40 (0.154-0.173)	63852-6000	63852-6070
63852-6000	59320	T2 Terminator	16 (1.30)	2.50 (0.098) max.	3.90-4.40 (0.154-0.173)	63852-6000	63852-6070
63852-6100	50638	T2 Terminator	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)	63852-6100	63852-6170
63852-6100	50674	T2 Terminator	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)	63852-6100	63852-6170
63852-6100	50674	T2 Terminator	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)	63852-6100	63852-6170
63852-7000	87421	T2 Terminator	26 (0.12)	0.79-0.99 (0.031-0.039)	1.05-1.54 (0.041-0.061)	63852-7000	63852-7070
63852-8000	50372	T2 Terminator	22-26 (0.35-0.12)	0.95-1.40 (0.037-0.055)	1.30-1.80 (0.051-0.071)	63852-8000	63852-8070
63852-9000	35745	T2 Terminator	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)	63852-9000	63852-9070
63852-9000	35746	T2 Terminator	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)	63852-9000	63852-9070
63852-9000	35747	T2 Terminator	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)	63852-9000	63852-9070
63852-9000	35748	T2 Terminator	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)	63852-9000	63852-9070
63852-9100	35745	T2 Terminator	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)	63852-9100	63852-9170
63852-9100	35746	T2 Terminator	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)	63852-9100	63852-9170
63852-9100	35747	T2 Terminator	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)	63852-9100	63852-9170
63852-9100	35748	T2 Terminator	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)	63852-9100	63852-9170
63852-9200	35745	T2 Terminator	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)	63852-9200	63852-9270
63852-9200	35746	T2 Terminator	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)	63852-9200	63852-9270
63852-9200	35747	T2 Terminator	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)	63852-9200	63852-9270
63852-9200	35748	T2 Terminator	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)	63852-9200	63852-9270
63853-2000	35021	T2 Terminator	24-26 (0.20-0.13)	1.50-1.00 (0.059-0.040)	1.80-2.20 (0.071-0.086)	63853-2000	63853-2070
63853-5000	50397	T2 Terminator	22-28 (0.034-0.079)	1.80-1.15 (0.071-0.045)	2.60-3.10 (0.102-0.122)	63853-5000	63853-5070
63853-5000	50398	T2 Terminator	22-28 (0.034-0.079)	1.80-1.15 (0.071-0.045)	2.60-3.10 (0.102-0.122)	63853-5000	63853-5070
63853-5200	50639	T2 Terminator	22-28 (0.35-0.08)	0.55-1.15 (0.022-0.045)	2.20-2.70 (0.087-0.106)	63853-5200	63853-5270
63860-1000	30490	FineAdjust	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.118)	3.00-3.50 (0.118-0.138)	63860-1000	63860-1070
63860-1000	44485	FineAdjust	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63860-1000	63860-1070
63860-1000	5556	FineAdjust	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63860-1000	63860-1070
63860-1000	5558	FineAdjust	18-24 (0.80-0.20)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63860-1000	63860-1070
63860-1000	44476	FineAdjust	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63860-1000	63860-1070
63860-1000	44478	FineAdjust	18-20 (0.80-0.50)	1.30-3.10 (0.051-0.122)	3.00-3.50 (0.118-0.138)	63860-1000	63860-1070
63860-1100	5556	FineAdjust	22-28 (0.35-0.08)	0.90-1.80 (0.035-0.071)	2.80-3.30 (0.110-0.130)	63860-1100	63860-1170
63860-1100	5558	FineAdjust	22-28 (0.35-0.08)	0.90-1.80 (0.035-0.071)	2.80-3.30 (0.110-0.130)	63860-1100	63860-1170
63860-1200	44476	FineAdjust	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63860-1200	63860-1270
63860-1200	44478	FineAdjust	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63860-1200	63860-1270
63860-1200	5556	FineAdjust	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63860-1200	63860-1270
63860-1200	5558	FineAdjust	16 (1.30)	1.80-3.10 (0.071-0.122)	3.00-3.50 (0.118-0.138)	63860-1200	63860-1270
63860-1400	30490	FineAdjust	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63860-1400	63860-1470
63860-1400	44485	FineAdjust	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63860-1400	63860-1470
63860-1400	5556	FineAdjust	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63860-1400	63860-1470
63860-1400	5558	FineAdjust	18-24 (0.80-0.20)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63860-1400	63860-1470
63860-1400	44476	FineAdjust	18-20 (0.80-0.50)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63860-1400	63860-1470
63860-1400	44478	FineAdjust	18-20 (0.80-0.50)	1.30-2.15 (0.051-0.085)	3.00-3.50 (0.118-0.138)	63860-1400	63860-1470
63860-2000	70058	FineAdjust	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)	63860-2000	63860-2070
63860-2000	71851	FineAdjust	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)	63860-2000	63860-2070
63860-2100	70058	FineAdjust	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)	63860-2100	63860-2170
63860-2100	71851	FineAdjust	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)	63860-2100	63860-2170
63860-2200	70058	FineAdjust	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)	63860-2200	63860-2270

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order
For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13

Always review proper operating instructions enclosed with your crimp tool

ORDERING INFORMATION (CONTINUED)



Crimp Application Tooling

Cross Reference by Tool Order Number

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
63860-2200	71851	FineAdjust	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)	63860-2200	63860-2270
63860-3000	50217	FineAdjust	18-24 (0.80-0.20)	1.40-3.00 (0.055-0.118)	3.00-3.50 (0.118-0.138)	63860-3000	63860-3070
63860-3000	50539	FineAdjust	18-24 (0.80-0.20)	1.40-3.00 (0.055-0.118)	3.00-3.50 (0.118-0.138)	63860-3000	63860-3070
63860-3100	50217	FineAdjust	18-24 (0.80-0.20)	1.40-2.15 (0.055-0.085)	3.00-3.50 (0.118-0.138)	63860-3100	63860-3170
63860-3100	50539	FineAdjust	18-24 (0.80-0.20)	1.40-2.15 (0.055-0.085)	3.00-3.50 (0.118-0.138)	63860-3100	63860-3170
63860-4000	50087	FineAdjust	24-30 (0.20-0.05)	0.80-1.60 (0.031-0.063)	3.00-3.50 (0.118-0.138)	63860-4000	63860-4070
63860-4000	70021	FineAdjust	24-30 (0.20-0.05)	1.01-1.52 (0.040-0.060)	3.17-3.56 (0.125-0.140)	63860-4000	63860-4070
63860-4000	50294	FineAdjust	24-28 (0.20-0.08)	0.85-1.60 (0.034-0.063)	3.00-3.50 (0.118-0.138)	63860-4000	63860-4070
63860-4100	50088	FineAdjust	22-24 (0.35-0.20)	1.00-1.60 (0.039-0.063)	3.00-3.50 (0.118-0.137)	63860-4100	63860-4170
63860-4100	70021	FineAdjust	22-24 (0.35-0.20)	1.40-1.63 (0.055-0.064)	3.17-3.56 (0.125-0.140)	63860-4100	63860-4170
63860-4200	70021	FineAdjust	32-36 (0.03-0.01)	0.43-0.64 (0.017-0.025)	3.17-3.56 (0.125-0.140)	63860-4200	63860-4270
63860-5000	50752	FineAdjust	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.00-2.50 (0.078-0.098)	63860-5000	63860-5070
63860-5100	35074	FineAdjust	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.091-0.110)	63860-5100	63860-5100
63860-5100	50351	FineAdjust	22-28 (0.35-0.08)	1.15-1.80 (0.045-0.071)	2.30-2.80 (0.091-0.110)	63860-5100	63860-5100
63860-6000	50038	FineAdjust	20-22 (0.50-0.35)	1.50-1.90 (0.059-0.075)	2.00-2.50 (0.078-0.098)	63860-6000	63860-6070
63860-6000	50039	FineAdjust	20-22 (0.50-0.35)	1.50-1.90 (0.059-0.075)	2.00-2.50 (0.078-0.098)	63860-6000	63860-6070
63860-7000	50058	FineAdjust	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63860-7000	63860-7070
63860-7000	50079	FineAdjust	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63860-7000	63860-7070
63860-7100	50011	FineAdjust	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.60-2.10 (0.063-0.083)	63860-7100	63860-7170
63860-7200	50031	FineAdjust	30-34 (0.05-0.02)	0.50-0.90 (0.020-0.035)	1.60-2.10 (0.063-0.083)	63860-7200	63860-7270
63860-7400	50034	FineAdjust	26-30 (0.12-0.05)	0.80-1.40 (0.031-0.055)	1.40-1.90 (0.055-0.075)	63860-7400	63860-7470
63860-7500	50212	FineAdjust	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)	63860-7500	63860-7570
63860-7500	50394	FineAdjust	24-30 (0.20-0.05)	0.80-1.40 (0.031-0.055)	1.30-1.80 (0.051-0.071)	63860-7500	63860-7570
63860-7600	50061	FineAdjust	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63860-7600	63860-7670
63860-7600	50133	FineAdjust	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63860-7600	63860-7670
63860-7600	50080	FineAdjust	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63860-7600	63860-7670
63860-7600	50125	FineAdjust	26-28 (0.12-0.08)	0.50-1.00 (0.020-0.039)	1.40-1.90 (0.055-0.075)	63860-7600	63860-7670
63860-7700	50753	FineAdjust	30-32 (0.05-0.03)	0.40-0.55 (0.016-0.022)	1.30-1.70 (0.051-0.067)	63860-7700	63860-7770
63860-7700	50516	FineAdjust	28-32 (0.08-0.03)	0.50-1.00 (0.020-0.039)	1.20-1.70 (0.047-0.067)	63860-7700	63860-7770
63860-7700	50641	FineAdjust	26-30 (0.12-0.05)	0.50-0.90 (0.020-0.035)	1.30-1.70 (0.051-0.067)	63860-7700	63860-7770
63860-8000	43030	FineAdjust	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	63860-8000	63860-8070
63860-8000	43031	FineAdjust	26-30 (0.12-0.05)	1.27 (0.050) max.	2.54-2.92 (0.100-0.115)	63860-8000	63860-8070
63860-8100	43030	FineAdjust	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	63860-8100	63860-8170
63860-8100	43031	FineAdjust	20-24 (0.50-0.20)	1.85 (0.073) max.	2.54-2.92 (0.100-0.115)	63860-8100	63860-8170
63860-8200	5103	FineAdjust	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.60-3.20 (0.102-0.126)	63860-8200	63860-8270
63860-8200	5241	FineAdjust	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.60-3.20 (0.102-0.126)	63860-8200	63860-8270
63860-8400	5230	FineAdjust	22-30 (0.35-0.05)	0.80-1.50 (0.031-0.059)	2.60-3.10 (0.102-0.122)	63860-8400	63860-8470
63860-8800	5225	FineAdjust	22-28 (0.35-0.08)	1.20-2.60 (0.047-0.102)	3.00-3.50 (0.118-0.138)	63860-8800	63860-8870
63860-8900	5194	FineAdjust	18-24 (0.80-0.20)	1.30-3.00 (0.051-0.118)	3.00-3.50 (0.118-0.138)	63860-8900	63860-8970
63860-9000	35069	FineAdjust	18 (0.80)	3.60 (0.142) max.	3.00-3.50 (0.118-0.138)	63860-9000	63860-9070
63861-1000	50535	FineAdjust	16-18 (1.30-0.80)	2.00-2.45 (0.079-0.096)	3.70-4.20 (0.146-0.165)	63861-1000	63861-1070
63861-2000	50097	FineAdjust	20-24 (0.50-0.20)	1.30-2.10 (0.051-0.083)	2.50-3.00 (0.098-0.118)	63861-2000	63861-2070
63861-2100	50098	FineAdjust	18-22 (0.80-0.35)	1.80-2.60 (0.063-0.102)	2.50-3.00 (0.098-0.118)	63861-2100	63861-2170
63861-2100	50098	FineAdjust	20-24 (0.50-0.20)	1.30-2.10 (0.051-0.083)	2.50-3.00 (0.098-0.118)	63861-2100	63861-2170
63861-4000	90119	FineAdjust	28 (0.08)	0.80-1.45 (0.031-0.057)	2.80-3.30 (0.110-0.130)	63861-4000	63861-4070
63861-4000	90119	FineAdjust	26 (0.12)	0.80-1.45 (0.031-0.057)	2.80-3.30 (0.110-0.130)	63861-4000	63861-4070
63861-4100	90119	FineAdjust	22-24 (0.35-0.20)	1.00-1.60 (0.039-0.063)	2.80-3.30 (0.110-0.130)	63861-4100	63861-4170
63861-5000	50012	FineAdjust	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)	63861-5000	63861-5070
63861-5000	50013	FineAdjust	24-28 (0.20-0.08)	0.92-1.15 (0.036-0.045)	1.70-2.30 (0.067-0.091)	63861-5000	63861-5070
63861-6000	5263	FineAdjust	22-28 (0.35-0.08)	1.15-1.90 (0.045-0.075)	2.40-2.90 (0.094-0.114)	63861-6000	63861-6070
63861-7100	50147	FineAdjust	20-22 (0.37-0.56)	1.40-1.90 (0.055-0.075)	2.00-2.50 (0.078-0.098)	63861-7100	63861-7170
63861-7100	50148	FineAdjust	20-22 (0.37-0.56)	1.40-1.90 (0.055-0.075)	2.00-2.50 (0.078-0.098)	63861-7100	63861-7170
63861-8000	5378	FineAdjust	24-28 (0.20-0.08)	0.90-1.50 (0.035-0.059)	1.70-2.30 (0.067-0.091)	63861-8000	63861-8070
63862-6000	59319	FineAdjust	16 (1.30)	2.50 (0.098) max.	3.90-4.40 (0.154-0.173)	63862-6000	63862-6070
63862-6000	59320	FineAdjust	16 (1.30)	2.50 (0.098) max.	3.90-4.40 (0.154-0.173)	63862-6000	63862-6070
63862-6100	50637	FineAdjust	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)	63862-6100	63862-6170
63862-6100	50638	FineAdjust	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)	63862-6100	63862-6170
63862-6100	50674	FineAdjust	14-18 (2.00-0.80)	3.80 (0.150) max.	3.90-4.40 (0.154-0.173)	63862-6100	63862-6170
63862-7000	87421	FineAdjust	26 (0.12)	0.79-0.99 (0.031-0.039)	1.05-1.54 (0.041-0.061)	63862-7000	63862-7070
63862-8000	50372	FineAdjust	22-26 (0.35-0.12)	0.95-1.40 (0.037-0.055)	1.30-1.80 (0.051-0.071)	63862-8000	63862-8070
63862-9000	35745	FineAdjust	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)	63862-9000	63862-9070
63862-9000	35746	FineAdjust	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)	63862-9000	63862-9070
63862-9000	35747	FineAdjust	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)	63862-9000	63862-9070
63862-9000	35748	FineAdjust	20-22 (0.50-0.35)	2.60 (0.102) max.	4.00-4.80 (0.157-0.189)	63862-9000	63862-9070
63862-9100	35745	FineAdjust	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)	63862-9100	63862-9170

Application Tooling

When ordering hand crimp tools, please include terminal number to be crimped, wire size, insulation diameter, and send a 3' or 1m wire sample to Molex with order. For terminals with 2 ordering numbers, please refer to "Understanding and Using the Catalog Terminal Cross Reference Table" on page W-13. Always review proper operating instructions enclosed with your crimp tool.

ORDERING INFORMATION (CONTINUED)

**Cross Reference by
Tool Order Number**

Presses			
Description	Order No.	Volts	Used with:
TM-2000	63800-8300	110V	FineAdjust and Mini-Mac Applicators
TM-2000	63800-8400	220V	FineAdjust and Mini-Mac Applicators
TM-42	69002-5001	110V	T2 and Terminator Dies
TM-42	69002-5000	220V	T2 and Terminator Dies

Order No.	Terminal Series	Tool Type	Wire Range AWG (mm)	Insulation Diameter	Strip Length	Tool Series	Perishable/ Spare Tooling
63862-9100	35746	FineAdjust	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)	63862-9100	63862-9170
63862-9100	35747	FineAdjust	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)	63862-9100	63862-9170
63862-9100	35748	FineAdjust	14-18 (2.00-0.80)	3.40 (0.134) max.	4.00-4.80 (0.157-0.189)	63862-9100	63862-9170
63862-9200	35745	FineAdjust	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)	63862-9200	63862-9270
63862-9200	35746	FineAdjust	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)	63862-9200	63862-9270
63862-9200	35747	FineAdjust	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)	63862-9200	63862-9270
63862-9200	35748	FineAdjust	18-20 x2 (1.60-1.00)	2.80x2 (0.110x2)	4.00-4.80 (0.157-0.189)	63862-9200	63862-9270
63863-2000	35021	FineAdjust	24-26 (0.20-0.13)	1.50-1.00 (0.059-0.040)	1.80-2.20 (0.071-0.086)	63863-2000	63863-2000
63863-5000	50397	FineAdjust	22-28 (.034-.079)	1.80-1.15 (.071-.045)	2.60-3.10 (0.102-0.122)	63853-5000	63863-5070
63863-5000	50398	FineAdjust	22-28 (.034-.079)	1.80-1.15 (.071-.045)	2.60-3.10 (0.102-0.122)	63853-5000	63863-5070
63863-5200	50639	FineAdjust	22-28 (0.35-0.08)	0.55-1.15 (0.022-0.045)	2.20-2.70 (0.087-0.106)	63863-5200	63863-5200
69008-0005	90119	Hand Tool	22-24 (0.35-0.20)			69008-0005	
69008-0005	90120	Hand Tool	22-24 (0.35-0.20)			69008-0005	
69008-0026	90290	Hand Tool	18-20 (0.80-0.50)			69008-0026	
69008-0985	90119	Hand Tool	22-24 (0.35-0.20)			69008-0985	
69008-0985	90120	Hand Tool	22-24 (0.35-0.20)			69008-0985	

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AWG	(Stranding/ AWG)	Diameter	Circular Mils	Area	AWG	(Stranding/ AWG)	Diameter	Circular Mils	Area
4/0	(2107/30)	13.26 (0.522)	210700	106.764 (0.16548)	20	(1)	0.81 (0.032)	1024	0.5189 (0.00080)
3/0	(1672/30)	11.79 (0.464)	167200	84.722 (0.13132)	20	(7/28)	0.97 (0.038)	1111	0.5631 (0.000873)
2/0	(1330/30)	10.52 (0.414)	133000	67.392 (0.10446)	20	(10/30)	0.89 (0.035)	1000	0.5067 (0.000785)
1/0	(1045/30)	9.35 (0.368)	104500	52.951 (0.08207)	20	(19/32)	0.94 (0.037)	1216	0.6162 (0.000955)
2	(665/30)	7.42 (0.292)	66500	33.696 (0.05223)	20	(26/34)	0.91 (0.036)	1032	0.5229 (0.000810)
4	(420/30)	5.89 (0.232)	42000	21.282 (0.03299)	20	(41/36)	0.91 (0.036)	1025	0.5194 (0.000805)
6	(266/30)	4.67 (0.184)	26600	13.478 (0.02089)	22	(1)	0.64 (0.025)	640.1	0.3243 (0.000503)
8	(1/30)	3.25 (0.128)	16384	8.302 (0.01287)	22	(7/30)	0.76 (0.030)	700.0	0.3547 (0.000550)
8	(19/21)	3.68 (0.145)	15433	7.820 (0.01212)	22	(19/34)	0.79 (0.031)	754.1	0.3821 (0.000592)
8	(49/25)	3.73 (0.147)	15700	7.955 (0.01233)	22	(26/36)	0.76 (0.030)	650.0	0.3294 (0.000511)
8	(133/29)	3.73 (0.147)	16983	8.605 (0.01334)	24	(1)	0.51 (0.020)	404.0	0.2047 (0.000317)
8	(168/32)	3.73 (0.147)	16800	8.513 (0.01319)	24	(7/32)	0.58 (0.023)	442.4	0.2242 (0.000347)
8	(665/36)	3.73 (0.147)	16625	8.424 (0.01306)	24	(10/34)	0.61 (0.024)	396.9	0.2011 (0.000312)
10	(1)	2.59 (0.102)	10384	5.261 (0.00816)	24	(19/36)	0.58 (0.023)	475.0	0.2407 (0.000373)
10	(37/26)	2.92 (0.115)	9354	4.740 (0.00735)	24	(41/40)	0.58 (0.023)	404.2	0.2048 (0.000317)
10	(49/27)	2.95 (0.116)	9880	5.006 (0.00776)	26	(1)	0.40 (0.016)	252.8	0.1281 (0.000199)
10	(105/30)	2.95 (0.116)	10500	5.320 (0.00825)	26	(7/34)	0.53 (0.021)	277.8	0.1408 (0.000218)
12	(1)	2.06 (0.081)	6529	3.308 (0.00513)	26	(10/36)	0.51 (0.020)	250.0	0.1267 (0.000196)
12	(7/20)	2.44 (0.096)	7168	3.632 (0.00563)	26	(19/38)	0.48 (0.019)	298.0	0.1510 (0.000234)
12	(19/25)	2.36 (0.093)	6088	3.085 (0.00478)	28	(1)	0.32 (0.013)	158.8	0.0804 (0.000125)
12	(37/28)	2.29 (0.090)	5874	2.976 (0.00461)	28	(7/36)	0.33 (0.013)	175.0	0.0887 (0.000137)
12	(65/30)	2.41 (0.095)	6500	3.294 (0.00511)	28	(19/40)	0.38 (0.015)	187.3	0.0949 (0.000147)
12	(165/34)	2.41 (0.095)	6549	3.318 (0.00514)	30	(1)	0.25 (0.010)	100.0	0.0507 (0.000079)
14	(1)	1.63 (0.064)	4109	2.082 (0.00323)	30	(7/38)	0.30 (0.012)	109.8	0.0556 (0.000086)
14	(7/22)	1.85 (0.073)	4481	2.270 (0.00352)	30	(19/42)	0.30 (0.012)	117.8	0.0597 (0.000093)
14	(19/27)	1.85 (0.073)	3831	1.941 (0.00301)	32	(1)	0.20 (0.008)	63.20	0.0320 (0.000050)
14	(41/30)	1.85 (0.073)	4100	2.078 (0.00322)	32	(7/40)	0.20 (0.008)	67.27	0.0341 (0.000053)
14	(105/34)	1.85 (0.073)	4167	2.112 (0.00327)	32	(19/44)	0.23 (0.009)	76.00	0.0385 (0.000060)
16	(1)	1.29 (0.051)	2581	1.308 (0.00203)	34	(1)	0.160 (0.0063)	39.69	0.0201 (0.000031)
16	(7/24)	1.52 (0.060)	2828	1.433 (0.00222)	34	(7/42)	0.191 (0.0075)	43.40	0.0220 (0.000034)
16	(19/29)	1.47 (0.058)	2426	1.229 (0.00191)	36	(1)	0.127 (0.0050)	25.00	0.0127 (0.000020)
16	(26/30)	1.50 (0.059)	2600	1.317 (0.00204)	36	(7/44)	0.152 (0.0060)	27.44	0.0139 (*****)
16	(65/34)	1.50 (0.059)	2580	1.307 (0.00203)	38	(1)	0.102 (0.0040)	15.68	0.0079 (*****)
16	(105/36)	1.47 (0.058)	2625	1.330 (0.00206)	40	(1)	0.079 (0.0031)	9.86	0.0050 (*****)
18	(1)	1.02 (0.040)	1624	0.823 (0.00128)	42	(1)	0.064 (0.0025)	6.20	0.0031 (*****)
18	(7/26)	1.22 (0.048)	1770	0.897 (0.00139)	44	(1)	0.051 (0.0020)	3.92	0.0020 (*****)
18	(16/30)	1.19 (0.047)	1600	0.811 (0.00126)	46	(1)	0.041 (0.0016)	2.46	0.0012 (*****)
18	(19/30)	1.24 (0.049)	1900	0.963 (0.00149)	48	(1)	0.030 (0.0012)	1.54	0.0008 (*****)
18	(41/34)	1.19 (0.047)	1627	0.825 (0.00128)	50	(1)	0.025 (0.0010)	0.98	0.0005 (*****)
18	(65/36)	1.19 (0.047)	1625	0.823 (0.00128)					

* Classifications of insulated round Copper conductors

ORDERING INFORMATION

molex® Ferrule Crimp Tooling

LFH Ferrule Crimp Tooling



C



D

Connector Series	Ferrule Order No.	Ferrule Size (OD)	Order No.	
			Complete Manual Press	Dies Only
			Figure D	Figure C
LFH™	71256-0001	12.17/6.96 (.479/.274)	62200-1295	62200-1202
LFH	71256-0002	12.17/10.64 (.479/.419)	62200-1395	62200-1301

* Complete kit

† Semconn and Access Bus only

FEATURES AND SPECIFICATIONS

Molex MicroCross tooling offers a ferrule crimp tool that is designed to crimp both the large and small diameters of the ferrule simultaneously. There are two die sets to cover the two ferrules (see list below). The crimp tool works in conjunction with the Molex Standard Manual Press.

Mechanical

Dimensions (includes Press):

Height—530.00mm (21.00")

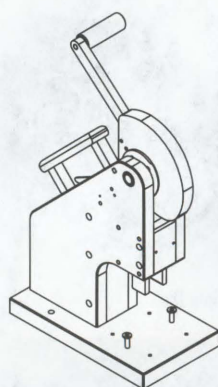
Width—270.00mm (10.63")

Depth—150.00mm (05.90")

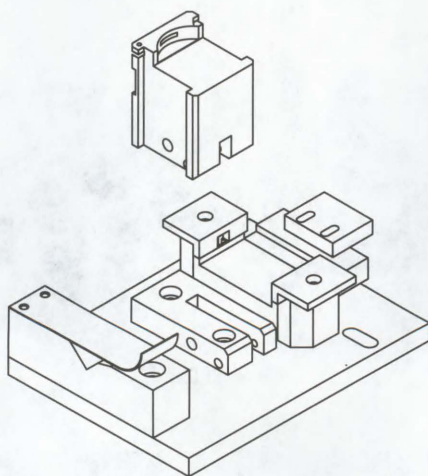
Weight: Unpacked—24.60 kg (55.00 lbs.)

Rate: Approximately 180 assemblies per hour, depending on operator skill level

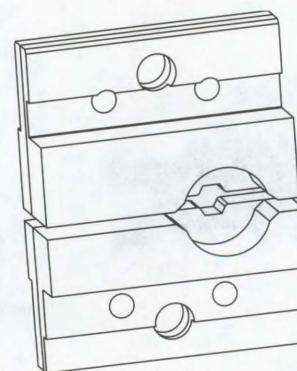
MicroCross™ Ferrule Crimp Tooling



Manual Standard Press



Die Fixture



Die Set

Order No.	Description
11-31-6356	Manual Standard Press
62200-4401	Die Fixture

ORDERING INFORMATION

Cable Range	Ferrule No.	EMI Can	Order No.	Description
6.25-7.31 (.246-.288)	73772-0001	88789-9332 88789-9333	62200-6700 62200-6701 62200-6702	Die Set Die Fixture + Die Set Press + Die Fixture + Die Set
8.18-8.99 (.322-.354)	73772-0002	88789-9332 88789-9333	62200-4431 62200-4441 62200-4443	Die Set Die Fixture + Die Set Press + Die Fixture + Die Set

Note: For all other crimp ferrule options contact Molex.



Insulation Displacement Technology (IDT) Tooling Hand Tools

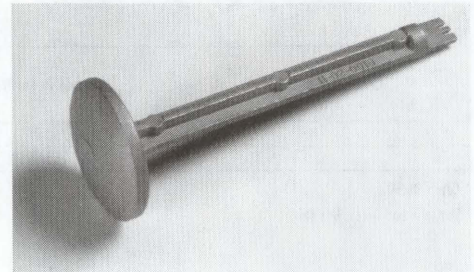
FEATURES

- For low volume, prototype and repair

"T" Handle Hand Tool for Discrete Wire

ORDERING INFORMATION

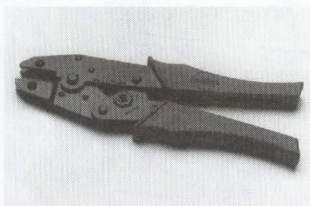
Description	Order No.	Connector
"T" Tool for 2.50mm (.098") and 2.54mm (.100") pitch connectors	11-02-0016	7720, 7720S, 7795, 8160, 40555
"T" Tool for 3.96mm (.156"), 5.00mm (.197") and 5.08mm (.200") pitch connectors	11-02-0015	7674, 7675
Manual Termination Hand Tool for Mini-Fit™ IDT	11-02-0023	71690, 71694



FEATURES

- For low volume or portable applications
- Common tool frame with interchangeable dies
- High quality, high leverage tool frame
- Eccentric adjustment for closing force
- Full cycle ratchet for complete crimp
- Ferrule crimp tools have 2 positions, 1 for large diameter and 1 for small diameter requiring 2 actuations to complete a ferrule crimp

Ferrule and RF Connector Crimping



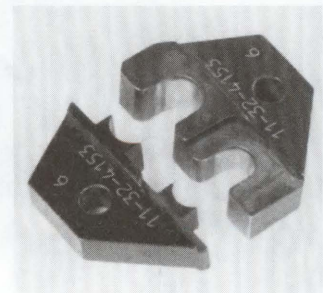
Handle



Complete Tool



RF Dies



Ferrule Crimp Die

ORDERING INFORMATION

Preferred Version in the US

Description	Order No.		Connector Series	Ferrule Part No.	Ferrule Size (OD)
	Complete Tool	Dies Only			
Hand Tool Frame Only	11-31-6379				
Hand Tool for RF	Order dies and frame separately	11-31-9025	BNC, TNC, for RG/U 55, 58, 141A, 142B	RF Connector	
Hand Tool for RF	Order dies and frame separately	11-31-9026	BNC, TNC, for RG/U 59, 62	RF Connector	
Hand Tool for RF	Order dies and frame separately	11-31-9027	BNC for RG/U Cable 174, 188, 316	RF Connector	
Ferrule Crimp Hand Tool	Order dies and frame separately	11-32-4152	SEMCONN™ 4 circuit	89-00-3104	7.72/6.45 (.304/.254)
Ferrule Crimp Hand Tool	Order dies and frame separately	11-32-4153	SEMCONN 6 circuit	89-00-3106	8.36/7.09 (.329/.279)
Ferrule Crimp Hand Tool	Order dies and frame separately	11-32-4154	SEMCONN 8 circuit	89-00-3108	8.86/7.57 (.349/.298)
Ferrule Crimp Hand Tool	Order dies and frame separately	11-32-4155	SEMCONN 16 circuit	89-00-3116	10.47/9.19 (.412/.362)
Ferrule Crimp Hand Tool	62100-0100	62100-0101	LFH™	71256-0001	12.17/6.96 (.479/.274)
Ferrule Crimp Hand Tool	62100-0200	62100-0201	LFH	71256-0002	12.17/10.64 (.479/.419)

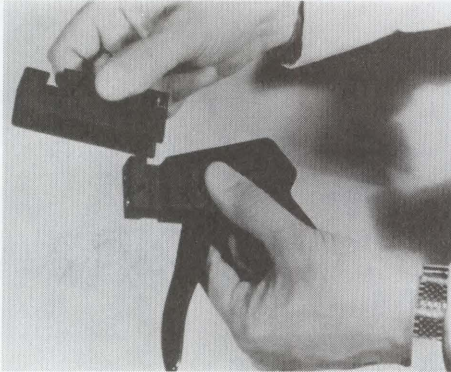
FEATURES

- Single tool handle with series of snap-on modules for a variety of connectors
- Most modules for discrete wire automatically index to the next position
- A complete tool requires that both a handle and a module be ordered
- Full cycle ratchet feature to assure complete terminations
- For low volume, prototyping and repair
- Pneumatic adapters available



Insulation Displacement Technology Tooling

Modular Discrete Wire and Ribbon Cable Hand Tools



Modular System



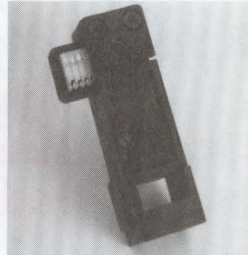
A—Hand Tool Handle



Complete Tool



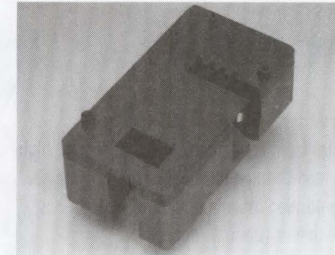
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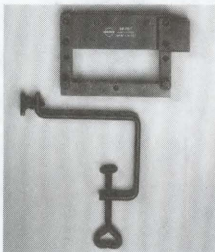
C



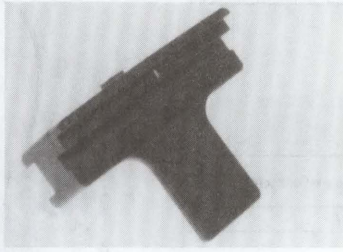
D



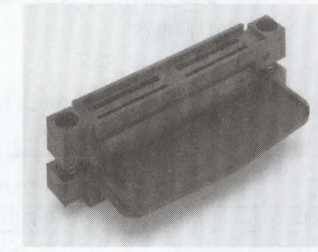
E



F



G



H

ORDERING INFORMATION

Preferred Version in the US

Description	Order No.	Type	Use With
Hand Tool Handle	63600-0478	A	Required for all modules

Discrete Wire, Feed-To Only, Self-Indexing

Description	Order No.	Type	Use with Molex Connector
Module for 2.00mm	11-39-0273	B	30452
Module for 2.50mm SPOX™	11-31-8939	B	42219, 42254
Module for 2.50mm "User Friendly"	69008-0290	B	90650, 90652
Module for 2.50mm (.098") and 2.54mm (.100")	11-21-5197	C	7720, 7720S, 7745, 8951, 40775, 40798, 40922
Module for 2.54mm (.100")	11-21-8365	C	40555
Module for 3.96mm (.156")	11-21-5196	C	7674, 7675, 8633, 40119, 40749, 40791, 40915, 41101
Module for 5.00mm (.197") and 5.08mm (.200")	69008-0270	C	7823, 7933, 7935
Module for 2.54mm (.100")	62100-0700	B	70400, 70475, 90187
Module for 2.54mm (.100")	62100-0300	B	71178

* Module power adapter includes 2 bottom bars to accommodate all ribbon cable modules

Discrete Wire, Feed-To and Feed-Through, Self-Indexing

Description	Order No.	Type	Use with Molex Connector
Module for 4.19mm (.165")	11-39-0303	B	71690, 71694
Module for 3.96mm (.156")	62100-0400	D	7674, 7675

Discrete Wire, Mass Terminate, No Index

Description	Order No.	Type	Use with Molex Connector
Module for 5.08mm (.200")	11-21-9756	E	70156
Module for 5.08mm (.200")	11-32-6027	E	71156

Ribbon Cable, Mass Terminate, No Index

Description	Order No.	Type	Use with Molex Connector
Module Power Adapter and Table Clamp*	11-31-3337	F	Required for all ribbon cable modules
Module for 1.27mm (.050") MX50™/QF50™ Connectors	11-31-4652	G	5320, 70625, 71247
Module for 1.27mm (.050") MX50 Connectors	11-31-3339	G	70121, 71898
Module, Cable Shear	11-31-3340	H	Cable Shear
Module, Millgrid	62100-2000	Not Shown	87568

FEATURES AND SPECIFICATIONS

Features

- For low volume users
- Utilizes modules from Molex hand tool
- Includes foot pedal and filter for air supply line

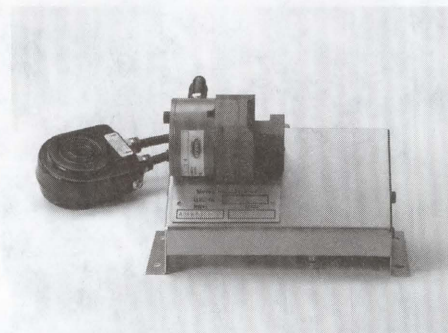
Specifications

Size: Width—180mm (7")
 Depth—75mm (3")
 Height—100mm (4")
 Weight: 0.9kg (2 lb)
 Pneumatics: Pressure—4 BAR (60psig)
 Consumption—2.8L per minute (0.1 CFM)
 Rate: Up to 750 cycles per hour, dependent on operator speed and application



Insulation Displacement Technology Tooling Pneumatic Hand Tool Adapters

Low Force for Single Wire Feed-To Modules



ORDERING INFORMATION

Description	Order No.		Use with Molex Connector
	Module	Adapter	
For 2.50mm (.098") and 2.54mm (.100") pitch connectors	11-21-5197	11-20-0739	7720, 7745, 7795, 8951, 40775, 40798, 40922
For 2.50mm (.098") pitch connectors	11-31-8939	11-20-0739	42219, 42254
For 2.54mm (.100") pitch connectors	11-21-8365	11-20-0739	40555
For 3.96mm (.156") pitch connectors	11-21-5196	11-20-0739	7674, 7675, 8633, 40119, 40749, 40791, 40915, 41101
For 5.00mm (.197") and 5.08mm (.200") pitch connectors	69008-0270	11-20-0739	7823, 7933, 7935

FEATURES AND SPECIFICATIONS

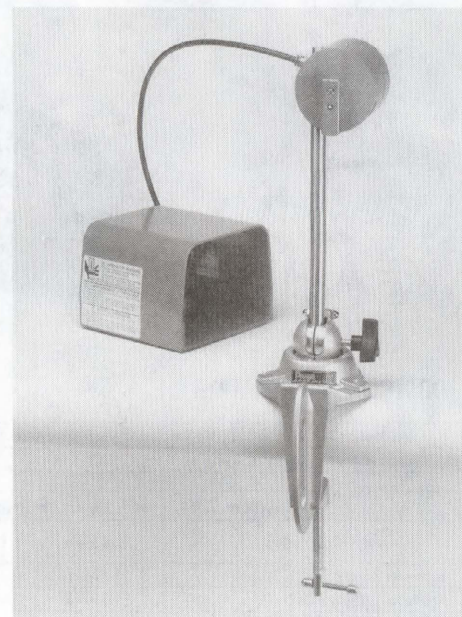
Features

- For low volume users
- Utilizes modules from Molex hand tool that require high force and/or feed-through terminations
- Allows user to position module in various orientations
- Clamps to workbench (up to 3" thick)

Specifications

Size: Width—130mm (5")
 Depth—180mm (7")
 Height—330mm (13")
 Weight: 3.2kg (7 lb)
 Pneumatics: Pressure—4 BAR (60psig)
 Consumption—6L per minute (0.2 CFM)
 Rate: Up to 750 cycles per hour, dependent on operator speed and application

High Force for Ribbon Cable, Mass Terminating and Feed Through Modules



ORDERING INFORMATION

Description	Order No.		Use with Molex Connector
	Module	Adapter	
For 2.54mm (.100") pitch connectors	62100-0700	11-31-1570	70400, 70475, 90187
Module for 5.08mm (.200") pitch connector	11-21-9756	11-31-1570	70156
Module for 5.08mm (.200") pitch connector	11-32-6027	11-31-1570	71156
Module for Mini-Fit IDT	11-39-0303	11-31-1570	71694, 71690

FEATURES AND SPECIFICATIONS

Features

- For medium volume users
- Feed-through or feed-to assembly
- Lightweight and portable

Specifications

Size: Width—152mm (6")
Depth—305mm (12")
Height—254mm (10")
Weight: 8.1kg (18 lb)

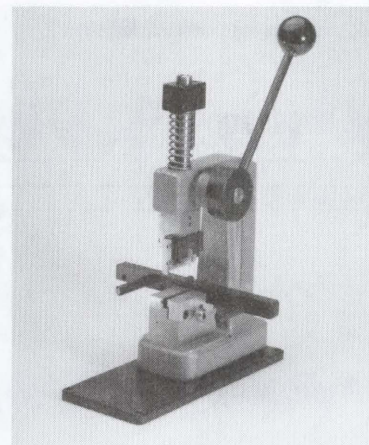


Insulation Displacement Technology Tooling Low Force Manual Presses

For Ribbon Cable

ORDERING INFORMATION

Description	Order No.	Use with Molex Connector
.100" Pitch Manual Press	11-20-0179	7720, 40555
.156" Pitch Manual Press	11-20-0314	7674, 7675
.098" Pitch Manual Press*	11-20-0436	8160
.156" Pitch Manual Press	11-20-0815	7660/7664



FEATURES AND SPECIFICATIONS

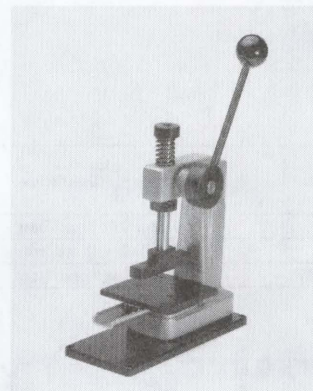
Features

- For medium volume users
- Feed-through or feed-to assembly
- Lightweight and portable
- Cable shearing capabilities
- Interchangeable tooling that is compatible with most competitive presses

Specifications

Size: Width—203mm (8")
Depth—305mm (12")
Height—360mm (14")
Weight: 6.9kg (15 lb)

QF50™



ORDERING INFORMATION

Description	Order No.	Tool Change Kit Order No.	Use with Molex Connector
Manual Press (Press Only)	11-21-0679		All .050" pitch Molex connectors
Universal Adapter Plate†	11-31-2176	11-31-2181	70121, 70625, 71247, 71891
Universal Adapter Plate†	11-31-2176	11-31-2187	5360 Qik Flec™
Universal Adapter Plate†	11-31-2176	11-31-2335	5320 Qik Flec

Accessories

Description	Order No.
Cable Shear Module	11-10-0081
Replacement Blade for Cable Shear	11-21-1102
Replacement Cutting Plate for Cable Shear	11-21-1103

* For use with connector 8160—up to 20 circuits (terminates feed-to only)

† If customer already has Universal Adapter Plate Assembly, all that is required for each above connector is the appropriate tool change kit

Customer Application Note: If application requires terminating the 71007, 70121, 40312 or 5320 connector above 60 circuits, the customer is advised to check the manual press platen length. All new manual presses are shipped with extended platens measuring 3.75". However, if the customer already has a manual press, it is possible the platen length is 3.25". The platen is a black aluminum "T" shaped piece located at the bottom end of the manual press ram. If the customer expects to terminate 64 circuit connectors, the extended platen (3.75") may be ordered using Order No. 11-10-1055.

FEATURES AND SPECIFICATIONS

Features

- For medium volume users
- Low handle force to reduce operator fatigue
- Portable
- Accepts a large number of connector-type tool kits
- Full cycle ratchet
- Quick tooling changeover
- Termination height fine adjustment with lock screw

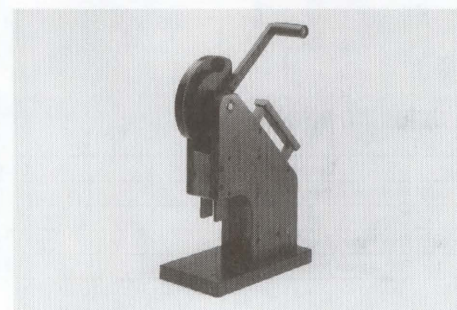
Specifications

Size: Width—152mm (6")
 Depth—533mm (10.5")
 Height—267mm (21")
 Weight: 23kg (50 lb)
 Maximum Force: 13.3kN (3000 lb)
 Shut Height: 42.00mm (1.650")
 Stroke Length: 43.00mm (1.690")



Insulation Displacement Technology Tooling High Force Manual Press

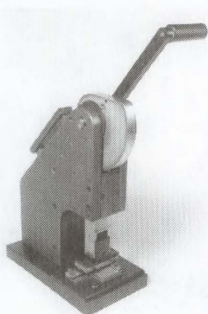
High Force Manual Press



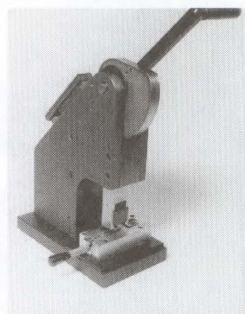
ORDERING INFORMATION

Description	Order No.
Manual Press Only (No Tooling)	11-31-6356

ORDERING INFORMATION



A



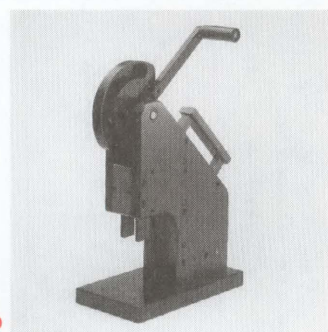
B

Tooling Kits for High Force Manual Press

Single Termination Discrete Wire

Connector	Description	Order No.		Figure
		Complete Manual Press	Tool Kit	
30452—2.00mm	Feed-To Only, Manual Index	11-20-1298		A
2.50mm—SPOX™	Feed-To Only, Manual Index	11-20-1278	11-39-0001	B
2.50mm—"User Friendly"	Feed-To Only, Manual Index	11-21-9963	11-21-9998	B

ORDERING INFORMATION



C



D

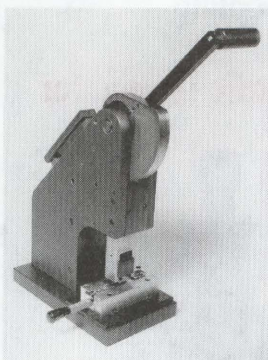
Mass Termination Discrete Wire Tooling

Connector	Description	Order No.		Figure
		Complete Manual Press	Tool Kit	
71156	Feed-To or Feed-Through, No Index—4 Wire	11-20-1286	11-39-0034	C
70156	Feed-To or Feed-Through, No Index—4 Wire	11-20-1317	11-39-0119	C
71690, 71694	Feed-To or Feed-Through, No Index	11-20-1318	11-39-0277	D

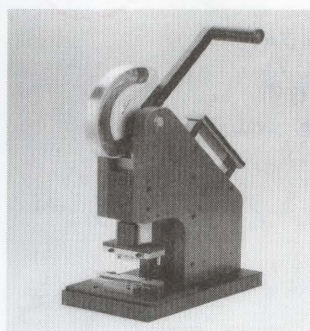
Application Tooling

W

ORDERING INFORMATION



E



F

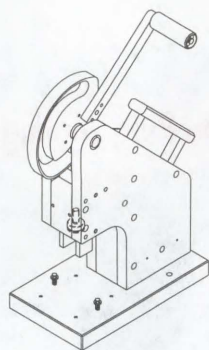


Insulation Displacement Technology Tooling Tooling Kits for High Force Manual Press

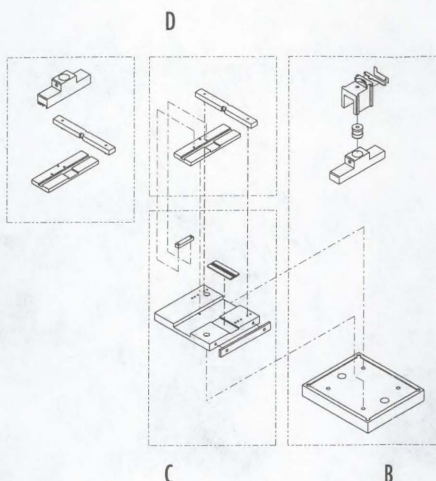
Mass Termination Ribbon Cable

Connector	Description	Order No.		Figure
		Complete Manual Press	Tool Kit	
30452—2.00mm	Feed-To Only	11-20-1327		E
2.50mm—SPOX	Feed-To Only	11-21-9757	11-32-1956	F
2.50mm—"User Friendly"	Feed-To Only	11-20-1277	11-39-0002	F
87568 MilliGrid 2.00mm	Feed-To and Feed-Through		62100-3200	Not Shown

ORDERING INFORMATION



A

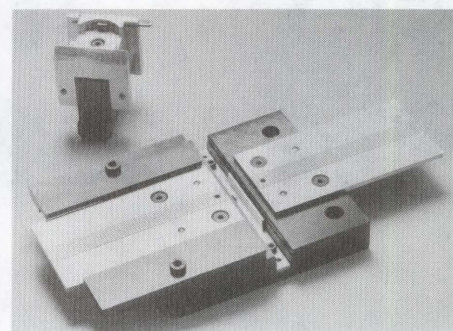


D

C

B

Mass Termination Ribbon Cable .050 and .025"



E

Tooling Accessories		
Description	Order No.	Figure
Universal Adapter Plate	11-31-2176	C
Ribbon Cable Tooling Adapter	11-20-0947	B
Manual Press with Tooling Adapter	11-20-1170	A + B
Universal Adapter Plate and Ribbon Cable Adapter	11-21-9933	B + C

Connector	Description	Order No.		Tool Kit Figure
		Complete Manual Press	Tool Kit Only*	
71522 DL50 Plug	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1163	11-31-5557	D
71521 DL50 Receptacle	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1164	11-31-5555	D
71527, 71528, 71530, 71531 D-Sub	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1165	11-21-9391	D
70121 Slimline	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1166	11-31-2181	D
5360 QF50™	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1168	11-31-2187	D
5320 QF50	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1169	11-31-2335	D
70720, 70721 DL50	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1834	11-21-9746	D
79058 SCSI+	0.63mm (.025") Ribbon Cable Feed-To, Feed-Through	62200-5500	62200-4600	E
70498 SCSI+	0.63mm (.025") Ribbon Cable Feed-To, Feed-Through	62200-5500	62200-4600	E
EBB1 71660	0.63mm (.025") Ribbon Cable Feed-To, Feed-Through	62200-5500	62200-4600	E

* If you already own a press, only tool kit is necessary

FEATURES AND SPECIFICATIONS

Features

- For processing hand-placed connectors, discrete wire
- Automatic connector indexing after termination
- Pneumatically operated cycle timer ensures stroke completion
- Leaves operator free to work with both hands

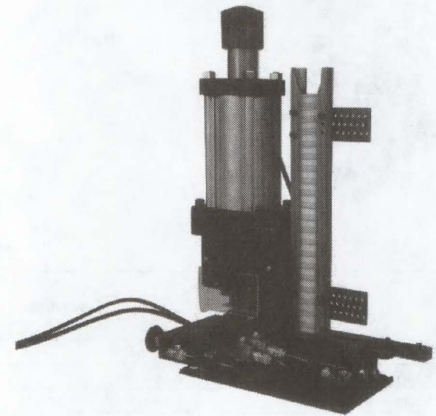
Specifications

Size: Width—250mm (9.8")
 Depth—150mm (5.9")
 Height—215mm (8.5")
 Weight: 11kg (24.3 lb) approx.
 Pressure: 6 BAR (90psig)



Insulation Displacement Technology Tooling

PB13 Pneumatic Terminator

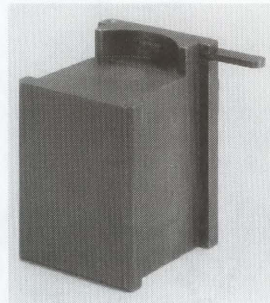


ORDERING INFORMATION

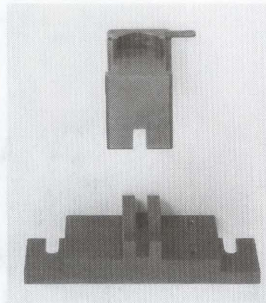
Description	Module Order No.	Use with Molex Connector
Hand Placed Connectors	69012-0750	7675
Side Loader	69012-0600	7720
Hand-Placed Connectors	69012-0700	7720
	69012-0350	52051
	69012-0280	90153, 90154, 90175

ORDERING INFORMATION

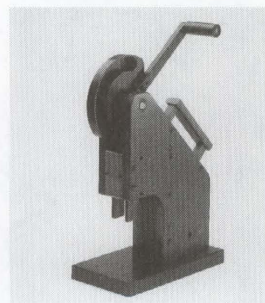
Manual Telephone Plug Tooling



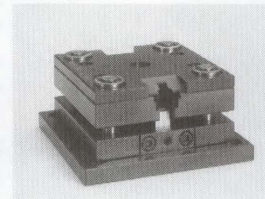
A



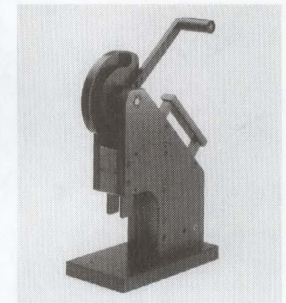
B



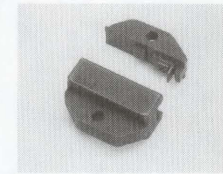
C



D



E



F

Description	Order No.	Figure
Adapter for 90075	11-21-9933	A
Adapter for 87031	11-31-7559	B

Connector	Size	Order No.	
		Complete Manual Press	Dies Only
		Figure C	Figure D
90075	4/4-6/6	11-20-1273	11-28-0225
90075	8/6-8/8	11-20-1274	69020-0140
		Figure E	Figure F
87031	4/4	11-20-1270	11-32-4767
87031	6/6	11-20-1271	11-32-4768
87031	6/2-6/4	11-20-1272	11-32-4769

Note: The above listed tools require loose piece telephone plugs

FEATURES AND SPECIFICATIONS

Features

- Can terminate feed-to, feed-thru or reverse feed-to*
- Quick and easy tooling change from feed-to to feed-thru
- Feed-to configuration has positive wire stop
- Adjustable wire length stop for daisy chain applications
- "CE" certified for Europe

Specifications

Size: Width—605mm (23.81")
 Depth—138mm (5.43")
 Height—307mm (12.12")
 Weight: 21.0kg (46.3 lb)
 Pneumatic: 5 to 6 BAR (80 to 90psi)
 7L per minute (0.25 CFM)
 Electrical: 110V, 60 Hz or 220V, 50 Hz
 Connector to Connector Spacing: 38mm (1.5") for daisy chain
 Rate: Up to 1200 terminations per hour dependent on operator speed and application

ORDERING INFORMATION AND DIMENSIONS

Description	Order No.	Use with Molex Connector
Mini-Cam IV Semi-Automatic Termination Machine for .156" KK	62300-0156	7674, 7675 and 40590
Mini-Cam IV Semi-Automatic Termination Machine for .100" KK	62300-0100	7720, 7795, 40555 and 41162
Mini-Cam IV Semi-Automatic Termination Machine for Mini-Fit IDT	62300-0200	71690, 71694
Mini-Cam V for SL	62300-4000	70400, 70475

* Caution: For reverse feed-to configuration on either KK product families it is necessary for the terminated wires to protrude outside of the connector. If your application does not allow for this condition, do not use the reverse feed-to termination.

FEATURES AND SPECIFICATIONS

Features

- "CE" Certified
- Assembles either discrete wire or cable
- Connector packaged in "Ammo-Pak" and linked together by terminal carrier strips
- Automatic connector loading
- Automatic carrier break off
- Programmable void capability
- Foot-pedal operated
- Tooling supplied for both ribbon cable and discrete wire (2 cable blades supplied for largest circuit size require alteration to your specific application circuit size, see machine manual for ordering information on specific circuit size tools)

Specifications

Size: Width—760mm (30")
 Depth—480mm (19")
 Height—480mm (19")
 Weight: 70kg (150 lb)
 Pneumatics: Pressure—5 BAR (80psig)
 Consumption—28L per minute (1 CFM)
 Electrical: Voltage—120V AC, 60 Hz or 220V AC, 50 Hz
 Current—2A at 120V or 1A at 220V
 Rate: Up to 1200 terminations per hour (discrete) and 350 assemblies per hour (cable), dependent on operator speed and wire length

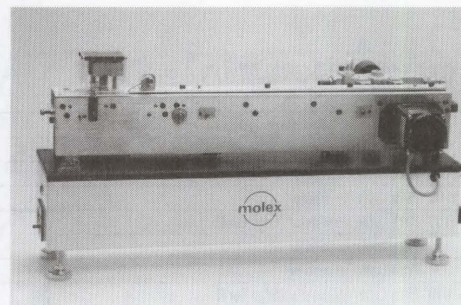
ORDERING INFORMATION

Description	Order No.	Use with Molex Connector
Hawk Terminator for SPOX™—Discrete Wire or Ribbon Cable	62300-0700	42219, 42254
Hawk Terminator for "User Friendly"—Discrete Wire or Ribbon Cable	62300-0500	90650, 90652
Hawk Terminator for 2.00mm—Discrete Wire or Ribbon Cable	11-20-1293	30452

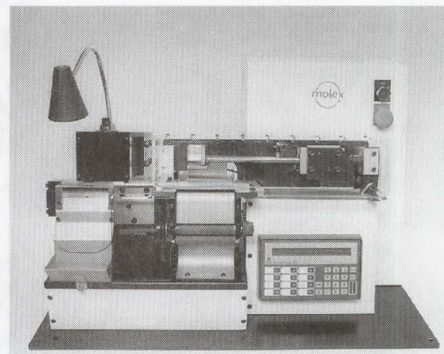


Insulation Displacement Technology Tooling Semi-Automatic Terminators

Semi-Automatic Mini-Cam for Discrete Wire



Semi-Automatic Terminator for 2.00 and 2.50mm Hawk™ Series



FEATURES AND SPECIFICATIONS

Features

- Terminates prenotched cable to pre-assembled connectors
- Bench mounted and operator controlled
- Feeding of connectors from machine's magazine
- Pneumatically operated
- Feed-to or feed-through capabilities

Specifications

Size: Width—203mm (8")
 Depth—305mm (12")
 Height—432mm (17")
 Weight: 13.5kg (30 lb)
 Pneumatics: Pressure—5 BAR (80psig)
 Consumption—14L per minute (0.5 CFM)
 Rate: Up to 550 assemblies per hour, dependent on operator speed and application

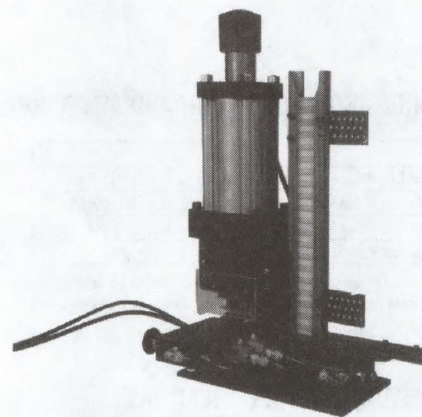
ORDERING INFORMATION

Description	Order No.	Use with Molex Connector
.100" Pitch Cable Terminator	11-20-0412	7720
.100" Pitch Cable Terminator with Backwalls	11-20-0771	7720, 40555
.100" Pitch Cable Terminator	11-20-1004	77205
.100" Pitch Cable Terminator (Edge Card)	11-20-0411	7822
.156" Pitch Cable Terminator	11-20-0418	7674, 7675
.098" Pitch Cable Terminator	11-20-0498	8160
.098" Pitch Cable Terminator (Edge Card)	Contact Molex	



Insulation Displacement Technology Tooling Semi-Automatic Terminators

Semi-Automatic Terminator for Ribbon Cable



FEATURES AND SPECIFICATIONS

Features

- Fully automatic mass terminating machines for high volume applications (minimum estimated annual usage of 10 million terminations)
- Dereel systems for discrete wire or cable available
- Double end having single-ended harness capabilities without strip
- Full strip for discrete wire
- Strip and retain for cable
- Single-ended harness capability with strip (38mm/1.5" max.) (Harness length of 76mm/3" min. to 610mm/24" max.)
- Up to 64 terminations per cycle (dependent on circuit size)
- User friendly solid state controller
- Self-diagnostic with program storage
- Large variety of value-added options (maximum of 2 secondary operation stations)

Specifications

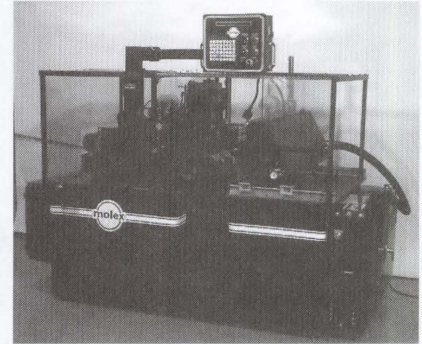
Size: Width—1800mm (71")
 Depth—915mm (36")
 Height—1500mm (59")
 Weight: 1370kg (2800 lb)
 Pneumatics: Pressure—5 BAR (80psig)
 Consumption—142L per minute (5 CFM)
 Electrical: Voltage—220V AC, 50 Hz or 240V AC, 60 Hz
 Current—40.0A (dependent on wire feed option)
 Rate: 300 cycles per hour average, dependent on harness length

The Eagle machine is defined in this series by having wire length capability up to 610mm (24") max. and up to 2 secondary operator stations.



Insulation Displacement Technology Tooling Fully Automatic Harness Assembly Machines

Eagle™ Series 62600-0000



ORDERING INFORMATION

Contact Molex to Order

FEATURES AND SPECIFICATIONS

Features

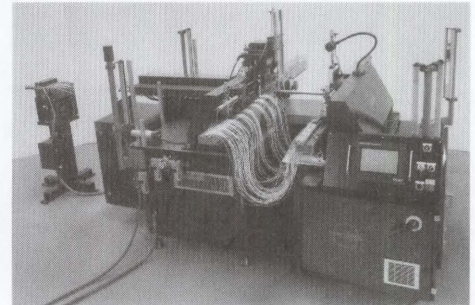
- Fully automatic mass terminating machines for high volume applications
- Dereel system for discrete wire or cable availability
- Double end having single-ended harness capabilities without strip
- Single-ended harness capability with strip (38mm/1.5" max.)
- Full strip for discrete wire
- Strip and retain for cable
- Up to 64 terminations per cycle (dependent on circuit size)
- Discrete wire with equal wire length capability (Harness length of 76mm/3" min. to 3048mm/120" max.)
- Various connector packaging options
- User friendly solid state controller (touch screen)
- Self-diagnostic with program storage
- Large variety of value-added options

Specifications

Size: Width—2300mm (91")
 Depth—1800mm (71")
 Height—1500mm (59")
 Weight: 1800kg (4000 lb)
 Pneumatics: Pressure—5 BAR (80psig)
 Consumption—142L per minute (5 CFM)
 Electrical: Voltage—220V AC, 50 Hz or 240V AC, 60 Hz
 Current—40.0A (dependent on wire feed option)
 Rate: 300 cycles per hour average, dependent on harness length

The Phoenix machine is defined in this series by having wire length capability up to 3048mm (120") and/or more than 2 secondary operator stations.

Phoenix™ Series 62700-0000



ORDERING INFORMATION

Contact Molex to Order

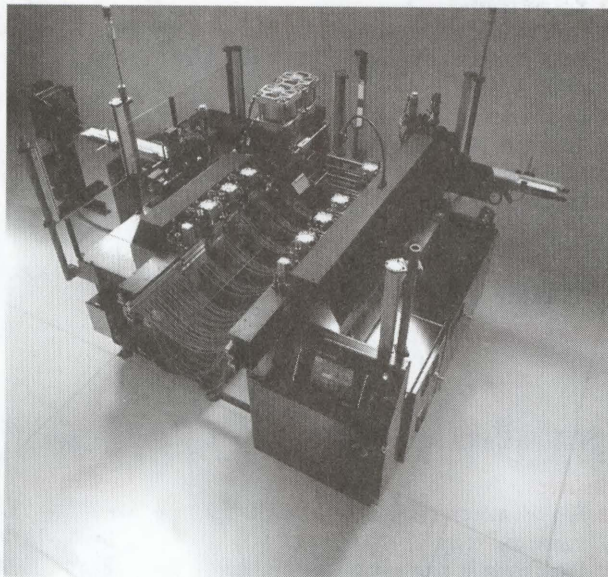
OPTIONAL FEATURES FOR EAGLE AND PHOENIX SERIES

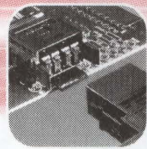
- Wire dereeler systems: Up to 32 barrel capacity and up to 32 reel capacity
- Missing wire detection
- Wire splice detection
- Full strip for discrete wire
- Variable wire length capability: For single-end Eagle series: 76mm (3") min. to 610mm (24") max. For double-end Eagle series: 152mm (6") min. to 610mm (24") max.
- Discrete wire with variable wire length capability:
 - For single-end Phoenix series: Harness length of 152mm (6") min. to 3048mm (120") max. and maximum wire length within harness equal to approximately 4 times minimum length
 - For double-end Phoenix series: Harness length of 152mm (6") min. to 3048mm (120") max.
- Single or multiple notching or slitting for ribbon cable applications
- Housing load:
 - Magazine style for bulk packaging
 - Single detuber for extruded tube packaging
 - Manual track for operator loading
 - Welded film dereeler for mylar reel packaging
 - Welded film unloader for mylar "Ammo Pak"
 - Vibratory or centrifugal bowl feeding for continuous loading
 - Tape dereeler for continuous tape packaging
- Full strip and strip/retain for discrete wire and ribbon cable
- Terminal insertion into housings (SL)
- Continuity testing for double-ended assemblies
- Product marking:
 - Hot stamping
 - Ink pad printing
 - Ink jet printing
 - Automatic labeling
- Data storage for recall on floppy disk media through a personal computer

Molex can quote special machines upon request with optional features that parallel the Phoenix/Eagle Series. In general, these machines differ by the manner in which connector termination and wire handling are accomplished. Additionally, daisy chain and different connector orientations can be accomplished.

molex® Insulation Displacement
Technology Tooling

Special Machines
62900-0000



**W**

Application Tooling: Far East North

Crimp Tooling

Hand Tools	W-66 to W-67
Semi-Automatic Crimp Presses	W-68 to W-69
Wire Gauge Classifications	W-70



For more information, please see the last page of the catalog for the location nearest you or contact:

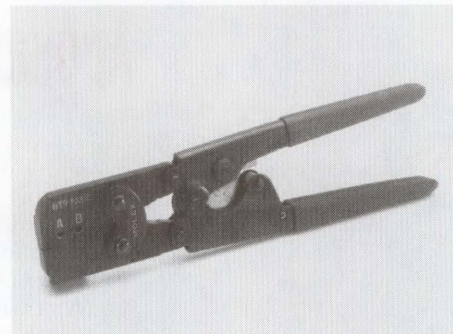
Americas Region 800-78MOLEX | **Far East North Region** 81-462-65-2324 | **Far East South Region** 65-268-6868 | **European Region** 49-89-413092-0

FEATURES

- Ideal for prototype work, small production volumes and field repair
- Ratchet release action determines correct crimp height repeatability
- Adjustable eccentric to allow for crimp pressure adjustment
- Wire stop and terminal locator on most tools
- Forms both conductor and insulation crimps in one action
- Competitively priced

molex® Crimp Application Tooling Hand Crimpers Cross Reference

Molex Japan Hand Tools



ORDERING INFORMATION

Preferred Version in Japan—Not Available in the US

Terminal Series No.	Order No.			Wire Gauge AWG (mm2)	Insulation Diameter	Strip Length
	Hand Tool	Extraction Tool	Insertion Tool			
1189/1190	JHTR1031C	J5800-003	HT1353	14-20 (2.00-0.50)	1.9-3.8 (.075-.150)	3.7-4.2 (.146-.165)
1380/1381	JHTR1031C	J5800-003	HT1353	18-24 (0.80-0.20)	1.5-3.18 (.059-.122)	3.7-4.2 (.146-.165)
1433/1434	JHTR2262	J5800-003	HT1353	24-28 (0.20-0.08)	1.1-1.5 (.043-.059)	3.7-4.2 (.146-.165)
1560/1561	JHTR1719C	J5800-002	HT1807	18-24 (0.80-0.20)	1.5-3.0 (.059-.118)	2.8-3.4 (.110-.134)
1854/1855	JHTR2262A	J5800-002	HT1807	22-26 (0.35-0.12)	1.3-1.5 (.051-.059)	2.6-3.2 (.102-.126)
1854/1855	JHTR2262J	J5800-002	HT1807	26-28 (0.12-0.08)	0.8-1.3 (.031-.051)	2.6-3.2 (.102-.126)
2477/2478	JHTR2445A	J5800-004/57092-6000		18-22 (0.08-0.35)	1.7-2.5 (.067-.098)	3.0-3.5 (.118-.138)
2578	JHTR2445A	J5800-004/57092-6000		24-26 (0.20-0.12)	1.2-1.5 (.047-.059)	3.0-3.5 (.118-.138)
2759	JHTR2262J	J5800-004	HT2813	26-28 (0.12-0.08)	0.8-1.3 (.031-.051)	2.8-3.4 (.110-.134)
5005/5006	JHTR1719C	J5800-002	5800-001	18-24 (0.80-0.20)	1.5-3.0 (.059-.118)	2.7-3.3 (.106-.130)
5008/5009	JHTR2262A	J5800-002	5800-001	24-26 (0.20-0.12)	1.3-1.7 (.051-.067)	2.7-3.3 (.106-.130)
5103	JHTR5907			22-28 (0.35-0.08)	1.2-1.9 (.047-.075)	2.6-3.2 (.102-.126)
5139	JHTR2262J	HT2759	HT2813	26-28 (0.12-0.08)	0.8-1.3 (.031-.051)	2.8-3.4 (.110-.134)
5159	JHTR2262J	J5800-004	HT2813	26-28 (0.12-0.08)	0.8-1.3 (.031-.051)	2.8-3.4 (.110-.134)
5167	JHTR2445A	J5800-004/57092-6000		18-22 (0.08-0.35)	1.7-2.5 (.067-.098)	3.0-3.5 (.118-.138)
5168	JHTR2445A	J5800-004/57092-6000		24-26 (0.20-0.12)	1.2-1.5 (.047-.059)	3.0-3.5 (.118-.138)
5175	JHTR1031C			16-22 (1.30-0.35)	1.7-3.1 (.067-.122)	3.7-4.3 (.146-.169)
5194	JHTR5904	J5800-009		18-24 (0.80-0.20)	1.3-3.0 (.051-.118)	3.0-3.5 (.118-.138)
5225	JHTR5906	J5800-009		22-28 (0.35-0.08)	1.2-2.6 (.047-.102)	3.0-3.5 (.118-.138)
5241	JHTR2262J	J5800-005		26-28 (0.12-0.08)	0.8-1.3 (.031-.051)	2.6-3.2 (.102-.126)
5263	JHTR5974			22-28 (0.35-0.08)	1.2-1.9 (.047-.075)	2.4-2.9 (.094-.114)
5294	JHTR5911	J5800-009		24-28 (0.20-0.08)	1.3-1.5 (.051-.059)	2.0-2.5 (.079-.098)
5378	57050-5000			24-28 (0.20-0.08)	1.5 (.059) max.	1.7-2.3 (.067-.091)
5394T2	57029-5000			20-22 (0.50-0.35)	2.1 (.083) max.	2.1-2.7 (.083-.106)
5479PBT2	57035-5000	57005-6000	57005-6000	30-34 (0.05-0.02)	0.5-0.9 (.020-.035)	1.2-3.0 (.047-.118)
5556/5558	57027-5000	57031-6000		18-24 (0.80-0.20)	2.3-3.1 (.091-.122)	3.0-3.5 (.118-.138)
5556T2/5558T2	57064-5000	57031-6000		22-28 (0.35-0.08)	0.9-1.8 (.035-.071)	2.8-3.3 (.110-.130)
5659	JHTR5972			22-28 (0.35-0.08)	1.1-1.7 (.043-.067)	2.5-3.0 (.098-.118)
50011	57032-5000	57105-6000		24-30 (0.20-0.05)	0.8-1.4 (.031-.055)	1.6-2.1 (.063-.083)
50012/50013	57046-5000			24-28 (0.20-0.08)	1.15 (.045) max.	1.7-2.3 (.067-.091)
50031	57075-5000	57105-6000		30-34 (0.05-0.02)	0.5-0.9 (.020-.035)	1.6-2.1 (.063-.083)
50034	57056-5000	57057-6000		26-30 (0.12-0.05)	0.8-1.4 (.031-.055)	1.4-1.9 (.055-.075)
50038/50039	57085-5000			AVS0.3	1.8 (.071) max.	2.0-2.5 (.079-.098)
50038/50039	57086-5000			CAVS0.5	1.8 (.071) max.	2.0-2.5 (.079-.098)
50051	57053-5000			30-33 (0.05-0.025)	0.56-0.85	1.7-2.3 (.067-.091)
50058	57068-5000	57072-6000		28-32 (0.08-0.03)	1.0 (.039) max.	1.4-1.9 (.055-.075)
50061	57070-5000	57072-6000		28-32 (0.08-0.03)	1.0 (.039) max.	1.4-1.9 (.055-.075)
50065		57094-6000				2.4-2.9 (.094-.114)
50079	57177-5000	57072-6000		26-28 (0.12-0.08)	1.0 (.039) max.	1.4-1.9 (.055-.075)

molex® Crimp Application Tooling
Hand Crimpers
Cross Reference

Molex Japan Hand Tools

Terminal Series No.	Order No.			Wire Gauge AWG (mm2)	Insulation Diameter	Strip Length
	Hand Tool	Extraction Tool	Insertion Tool			
50080		57072-6000				1.4-1.9 (.055-.075)
50083	57036-5000	57033-6000	57033-6000	24-26 (0.20-0.12)	1.6 (.063) max.	3.0-3.5 (.118-.138)
50084	57036-5000	57033-6000	57033-6000	22-24 (0.35-0.20)	1.6 (.063) max.	3.0-3.5 (.118-.138)
50087	57036-5000	57033-6000	57033-6000	24-26 (0.20-0.12)	1.6 (.063) max.	3.0-3.5 (.118-.138)
50088	57036-5000	57033-6000	57033-6000	22-24 (0.35-0.20)	1.6 (.063) max.	3.0-3.5 (.118-.138)
50089		57094-6000				2.4-2.9 (.094-.114)
50095/50096	57097-5000	57120-6000		16 (1.30)	3.1-3.4 (.122-.134)	3.7-4.3 (.146-.169)
50097	57118-5000			20-24 (0.50-0.20)	1.4-2.1 (.055-.083)	2.5-3.0 (.098-.118)
50098	57119-5000			18-22 (0.08-0.35)	1.8-2.6 (.071-.102)	2.5-3.0 (.098-.118)
50099		57072-6000				1.4-1.9 (.055-.075)
50105/50106	57106-5000	57120-6000		22-24 (0.35-0.20)	2.2-2.5 (.087-.098)	3.7-4.3 (.146-.169)
50118/50119	57085-5000			AV50.3	1.6 (.063) max.	2.0-2.5 (.079-.098)
50118/50119	57086-5000			CAVS0.5		2.0-2.5 (.079-.098)
50125	57140-5000	57072-6000		26-28 (0.12-0.08)	1.6 (.063) max.	1.4-1.9 (.055-.075)
50127/50128	57125-5000	57120-6000		20-24 (0.50-0.20)	1.15-1.87 (.045-.074)	3.7-4.3 (.146-.169)
50133	57139-5000	57072-6000		28-32 (0.08-0.03)	1.0 (.039)max.	1.4-1.9 (.055-.075)
50146	57168-5000	57161-6000			1.4-1.9 (.055-.075)	2.0-2.5 (.079-.098)
50147	57132-5000				1.4-1.9 (.055-.075)	2.0-2.5 (.079-.098)
50148	57132-5000				1.4-1.9 (.055-.075)	2.0-2.5 (.079-.098)
50156	57135-5000			AV-0.5F	2.2-2.3 (.087-.091)	2.0-2.5 (.079-.098)
50200	57174-5000	57105-6000		22 (0.35)	1.4 (.055) max.	1.6-2.1 (.063-.083)
50207	57187-5000					2.0-2.5 (.079-.098)
50212	57176-5000	57105-6000		24-30 (0.20-0.05)	1.1-1.4 (.043-.055)	1.3-1.8 (.051-.071)
50217	57189-5000	J5800-009		18-24 (0.80-0.20)	1.5-2.2 (.059-.087)	3.0-3.5 (.118-.138)
50217	57190-5000	J5800-009		18-24 (0.80-0.20)	2.3-3.0 (.091-.118)	3.0-3.5 (.118-.138)
50516	57317-5000	57317-6000		28-32 (0.08-0.03)	1.00 (.040) max.	
50637/50638	57355-5000	57355-6000/57355-6100		14-16 (2.00-1.30)	3.2-3.8 (.126-.150)	3.9-4.4 (.154-.173)
50641	57352-5000			26-30 (0.12-0.05)	0.50-0.90 (.020-.040)	
50752	57385-5000			22-28 (0.35-0.08)	1.1-1.7 (.043-.067)	2.0-2.5 (.079-.098)
50753	57352-5100			30-32 (0.05-0.03)	0.40-0.55 (.016-.022)	
56035	57399-5000	57399-6000		22-26 (0.35-0.12)	1.2-1.7 (.047-.067)	2.3-2.8 (.091-.110)
59370	57404-5000			22-28 (0.35-0.08)	0.9-1.5 (.035-.059)	1.6-2.1 (.063-.083)
70021-0004/0006	57037-5000	57033-6000	57033-6000	24-30 (0.20-0.05)	1.2 (.047) max.	3.0-3.5 (.118-.138)
70021-0021/0023	57036-5000	57033-6000	57033-6000	22-24 (0.35-0.20)	1.6 (.063) max.	3.0-3.5 (.118-.138)
70058-0004	57036-5000	57033-6000	57033-6000	24-28 (0.20-0.08)	1.15 (.045) max.	
70058-0006	57037-5000	57093-6000	57033-6000	24-28 (0.20-0.08)	1.15 (.045) max.	
70058-0022/0024	57036-5000	57033-6000	57033-6000	22-24 (0.35-0.20)	1.6 (.063) max.	3.0-3.5 (.118-.138)
87115/87116-XXX0	57206-5000					2.8-3.3 (.110-.130)
87115/87116-XXX1	57206-5000					2.8-3.3 (.110-.130)

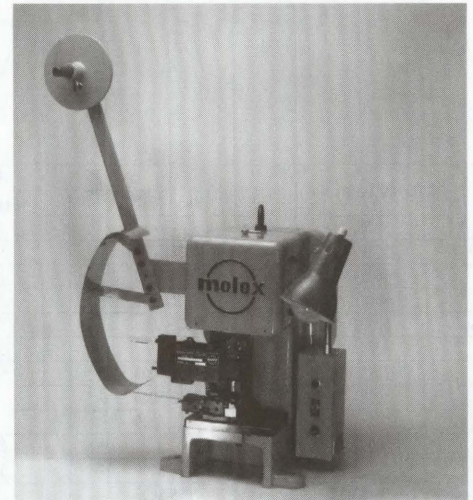
ORDERING INFORMATION

Description	Order No.	For Use With
Mini Universal Crimp Press	57275-4000	Modular Crimp Die
Transformer from 110-240V to 110V	M15T-A	Mini Universal Crimp Press



Crimp Application Tooling Molex Japan Crimp Tooling

M15A Crimp Press



ORDERING INFORMATION

Preferred Version in Japan—Not Available in the US

Molex Japan Crimp Tooling Cross Reference

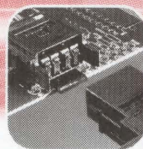
Terminal Series No.	Order No. Modular Crimp Die	Wire Gauge AWG (mm ²)	Insulation Diameter	Strip Length
1189/1190	JMS866A	14-20 (2.00-0.50)	1.6-4.1 (.063-.161)	3.7-4.2 (.146-.165)
1380/1381	JMS866A	18-24 (0.80-0.20)	1.5-3.1 (.059-.122)	3.7-4.2 (.146-.165)
1433/1434	JMS866A	24-28 (0.20-0.08)	0.8-1.5 (.031-.059)	3.7-4.2 (.146-.165)
1560/1561	JMS867A	18-24 (0.80-0.20)	1.5-3.1 (.059-.122)	2.8-3.4 (.110-.134)
1854/1855	JMS867A	22-28 (0.35-0.08)	1.1-1.5 (.043-.059)	2.6-3.2 (.102-.126)
1881-2	JMS866A	16-24 (1.30-0.20)	1.5-3.1 (.059-.122)	3.7-4.2 (.146-.165)
2578	JMS868A	22-28 (0.35-0.08)	1.2-1.7 (.047-.067)	3.0-3.5 (.118-.138)
2759	JMS858A	22-28 (0.35-0.08)	1.2-1.7 (.047-.067)	2.8-3.4 (.110-.134)
40641-A	57153-3000	18-24 (0.80-0.20)	1.3-2.5 (.051-.098)	3.0-3.5 (.118-.138)
4809C	57156-3000	22-28 (0.35-0.08)	1.2-1.7 (.047-.067)	2.6-3.2 (.102-.126)
5005/5006	JMS861A	18-24 (0.80-0.20)	1.3-3.0 (.051-.118)	2.7-3.3 (.106-.130)
5008/5009	JMS861A	24-28 (0.20-0.08)	1.2-2.4 (.047-.094)	2.7-3.3 (.106-.130)
5103	JMS857A	22-28 (0.35-0.08)	1.15-1.9 (.045-.075)	2.6-3.2 (.102-.126)
5139	JMS858A	22-28 (0.35-0.08)	1.2-1.7 (.047-.067)	2.8-3.4 (.110-.134)
5159	JMS858A	22-28 (0.35-0.08)	1.2-1.7 (.047-.067)	2.8-3.4 (.110-.134)
5167	JMS868A	18-24 (0.80-0.20)	1.3-2.5 (.051-.098)	3.0-3.5 (.118-.138)
5168	JMS868A	22-28 (0.35-0.08)	1.2-1.7 (.047-.067)	3.0-3.5 (.118-.138)
5175	JMS869A	16-22 (1.30-0.35)	1.7-3.4 (.067-.134)	3.7-4.3 (.146-.169)
5190-01	JMS865A	22-26 (0.35-0.12)	1.3-1.7 (.051-.067)	6.0-6.6 (.236-.260)
5194	JMS859A	18 (0.80)	1.3-3.2 (.051-.126)	3.0-3.5 (.118-.138)
5194	JMS859A	20-24 (0.50-0.20)	1.3-3.2 (.051-.126)	3.0-3.5 (.118-.138)
5225	JMS859A	22-28 (0.35-0.08)	1.2-2.6 (.047-.102)	3.0-3.5 (.118-.138)
5241	JMS860A	22-28 (0.35-0.08)	1.15-1.9 (.045-.075)	2.6-3.2 (.102-.126)
5263	JMS996A	22-28 (0.35-0.08)	1.15-1.9 (.045-.075)	2.4-2.9 (.094-.114)
5378	57007-3000	24-28 (0.20-0.08)	0.9-1.5 (.035-.059)	1.7-2.3 (.067-.091)
5394	JMS997A	22-28 (0.35-0.08)	1.2-1.9 (.047-.075)	2.1-2.7 (.083-.106)
5479	JMS993A	26-28 (0.12-0.08)	1.2-1.5 (.047-.059)	1.2-2.0 (.047-.079)
5479PB72	57034-3000	30-32 (0.05-0.03)	0.6-1.2 (.024-.047)	1.2-3.0 (.047-.118)
5556/5558	57022-3000	18-24 (0.80-0.20)	1.3-2.2 (.051-.087)	3.0-3.5 (.118-.138)
50011	57030-3000	24-30 (0.20-0.05)	0.8-1.4 (.031-.055)	1.6-2.1 (.063-.083)
50012/50013	57045-3000	24-28 (0.20-0.08)	0.92-1.15 (.036-.045)	1.7-2.3 (.067-.091)
50031	57047-3000	30-34 (0.05-0.02)	0.5-0.9 (.020-.035)	1.6-2.1 (.063-.083)
50034	57055-3000	26-30 (0.12-0.05)	0.8-1.4 (.031-.055)	1.4-1.9 (.055-.075)
50038/50039	57084-3000	AVSO.3	1.5-1.9 (.059-.075)	2.0-2.5 (.079-.098)
50038/50039	57084-3000	CAVSO.5	1.5-1.9 (.059-.075)	2.0-2.5 (.079-.098)
50051	57052-3000	30-33 (0.05-0.025)	0.56-0.85 (.022-.033)	1.7-2.3 (.067-.091)
50058	57067-3000	28-32 (0.08-0.03)	1.0 (.039) max.	1.4-1.9 (.055-.075)
50061	57069-3000	28-32 (0.08-0.03)	1.0 (.039) max.	1.4-1.9 (.055-.075)

Terminal Series No.	Order No.	Wire Gauge AWG (mm2)	Insulation Diameter	Strip Length
	Modular Crimp Die			
50065	57071-3000	22-28 (0.35-0.08)	2.2 (.087) max.	2.4-2.9 (.094-.114)
50079	57067-3000	26-28 (0.12-0.08)	1.0 (.039) max.	1.4-1.9 (.055-.075)
50080	57069-3000	26-28 (0.12-0.08)	1.0 (.039) max.	1.4-1.9 (.055-.075)
50083	57014-3000	24-30 (0.20-0.05)	0.8-1.6 (.031-.063)	3.0-3.5 (.118-.138)
50084	57014-3000	22-24 (0.35-0.20)	1.0-1.6 (.039-.063)	3.0-3.5 (.118-.138)
50087	57017-3000	24-30 (0.20-0.05)	0.8-1.6 (.031-.063)	3.0-3.5 (.118-.138)
50088	57017-3000	22-24 (0.35-0.20)	1.0-1.6 (.039-.063)	3.0-3.5 (.118-.138)
50089	57095-3000	22-28 (0.35-0.08)	2.2 (.087) max.	2.4-2.9 (.094-.114)
50095/50096	57096-3000	14-18 (2.00-0.80)	2.8-3.8 (.110-.150)	3.7-4.3 (.146-.169)
50097	57107-3000	20-24 (0.50-0.20)	1.3-2.1 (.051-.082)	2.5-3.0 (.098-.118)
50098	57108-3000	18-22 (0.80-0.35)	1.6-2.6 (.063-.102)	2.5-3.0 (.098-.118)
50105/50106	57110-3000	18-24 (0.80-0.20)	1.75-3.0 (.069-.118)	3.7-4.3 (.146-.169)
50118/50119	57084-3000	AVSO.3	1.5-1.9 (.059-.075)	2.0-2.5 (.079-.098)
50118/50119	57084-3000	CAVSO.5	1.5-1.9 (.059-.075)	2.0-2.5 (.079-.098)
50125	57138-3000	26-28 (0.12-0.08)	1.0 (.039) max.	1.4-1.9 (.055-.075)
50127/50128	57121-3000	20-24 (0.50-0.20)	1.15-1.87 (.045-.074)	3.7-4.3 (.146-.169)
50133	57138-3000	28-32 (0.08-0.03)	1.0 (.039) max.	1.4-1.9 (.055-.075)
50146	57145-3000		1.4-1.9 (.055-.075)	2.0-2.5 (.079-.098)
50147	57144-3000		1.4-1.9 (.055-.075)	2.0-2.5 (.079-.098)
50148	57144-3000		1.4-1.9 (.055-.075)	2.0-2.5 (.079-.098)
50156	57122-3000	AV-0.5F	2.2-2.4 (.087-.094)	2.0-2.5 (.079-.098)
50200	57030-3000	22 (0.35)	1.4 (.055) max.	1.6-2.1 (.063-.083)
50207	57182-3000		1.4-2.2 (.055-.087)	2.0-2.5 (.079-.098)
50212	57175-3000	24-30 (0.20-0.05)	0.8-1.4 (.031-.055)	1.3-1.8 (.051-.071)
50217	57183-3000	18-24 (0.80-0.20)	1.4-2.2 (.055-.087)	3.0-3.5 (.118-.138)
50419	57328-3000	18-24 (0.80-0.20)	2.3-3.0 (.091-.118)	3.0-3.5 (.118-.138)
50516	57317-3000	28-32 (0.08-0.03)	1.00 (.040) max.	
50641	57352-3000	26-30 (0.12-0.05)	0.50-0.90 (.020-.040)	
50752	57385-3000	22-28 (0.35-0.08)	1.15-1.80 (.045-.071)	2.0-2.5 (.079-.098)
50753	57352-3000	30-32 (0.05-0.03)	0.4-0.55 (.016-.022)	1.3-1.7 (.051-.066)
50802	JMS857A	22-28 (0.35-0.08)	1.15-1.9 (.045-.075)	2.6-3.2 (.102-.126)
50837	57391-3000	22-28 (0.35-0.08)	1.15-1.80 (.045-.071)	2.3-2.8 (.091-.110)
56035	57399-3000	22-26 (0.35-0.12)	1.25-1.70 (.049-.067)	2.3-2.8 (.091-.110)
59370	57404-3000	22-28 (0.35-0.08)	1.5 (.059) max.	1.6-2.1 (.063-.083)
70021-0004/0006	57017-3000	24-30 (0.20-0.05)	0.8-1.6 (.031-.063)	3.0-3.5 (.118-.138)
70021-0021/0023	57017-3000	22-24 (0.35-0.20)	1.0-1.6 (.039-.063)	3.0-3.5 (.118-.138)
70058-0004/0006	57014-3000	24-30 (0.20-0.05)	0.8-1.6 (.031-.063)	3.0-3.5 (.118-.138)
70058-0022/0024	57014-3000	22-24 (0.35-0.20)	1.0-1.6 (.039-.063)	3.0-3.5 (.118-.138)
87003	57090-3000	18-22 (0.80-0.35)	1.7-3.1 (.067-.122)	4.2-4.8 (.165-.189)
87039	57091-3000	24-28 (0.20-0.08)	1.2-1.8 (.047-.071)	2.3-2.9 (.091-.114)
87115/87116-XXX0	57151-3000	24-28 (0.20-0.08)	0.9-1.2 (.035-.047)	2.8-3.3 (.110-.130)
87115/87116-XXX1	57173-3000	28-32 (0.08-0.03)	0.5-0.9 (.020-.035)	2.8-3.3 (.110-.130)
87421	57294-3000	26 (0.12)	1.00-1.30 (.040-.051)	
90119-0111	57198-3000	22-24 (0.35-0.20)	1.02-1.47 (.040-.058)	3.0-3.5 (.118-.138)

AWG	(Stranding/ AWG)	Diameter	Circular Mils	Area
4/0	(2107/30)	13.26 (0.522)	210700	106.764 (0.16548)
3/0	(1672/30)	11.79 (0.464)	167200	84.722 (0.13132)
2/0	(1330/30)	10.52 (0.414)	133000	67.392 (0.10446)
1/0	(1045/30)	9.35 (0.368)	104500	52.951 (0.08207)
2	(665/30)	7.42 (0.292)	66500	33.696 (0.05223)
4	(420/30)	5.89 (0.232)	42000	21.282 (0.03299)
6	(266/30)	4.67 (0.184)	26600	13.478 (0.02089)
8	(1/30)	3.25 (0.128)	16384	8.302 (0.01287)
8	(19/21)	3.68 (0.145)	15433	7.820 (0.01212)
8	(49/25)	3.73 (0.147)	15700	7.955 (0.01233)
8	(133/29)	3.73 (0.147)	16983	8.605 (0.01334)
8	(168/32)	3.73 (0.147)	16800	8.513 (0.01319)
8	(665/36)	3.73 (0.147)	16625	8.424 (0.01306)
10	(1)	2.59 (0.102)	10384	5.261 (0.00816)
10	(37/26)	2.92 (0.115)	9354	4.740 (0.00735)
10	(49/27)	2.95 (0.116)	9880	5.006 (0.00776)
10	(105/30)	2.95 (0.116)	10500	5.320 (0.00825)
12	(1)	2.06 (0.081)	6529	3.308 (0.00513)
12	(7/20)	2.44 (0.096)	7168	3.632 (0.00563)
12	(19/25)	2.36 (0.093)	6088	3.085 (0.00478)
12	(37/28)	2.29 (0.090)	5874	2.976 (0.00461)
12	(65/30)	2.41 (0.095)	6500	3.294 (0.00511)
12	(165/34)	2.41 (0.095)	6549	3.318 (0.00514)
14	(1)	1.63 (0.064)	4109	2.082 (0.00323)
14	(7/22)	1.85 (0.073)	4481	2.270 (0.00352)
14	(19/27)	1.85 (0.073)	3831	1.941 (0.00301)
14	(41/30)	1.85 (0.073)	4100	2.078 (0.00322)
14	(105/34)	1.85 (0.073)	4167	2.112 (0.00327)
16	(1)	1.29 (0.051)	2581	1.308 (0.00203)
16	(7/24)	1.52 (0.060)	2828	1.433 (0.00222)
16	(19/29)	1.47 (0.058)	2426	1.229 (0.00191)
16	(26/30)	1.50 (0.059)	2600	1.317 (0.00204)
16	(65/34)	1.50 (0.059)	2580	1.307 (0.00203)
16	(105/36)	1.47 (0.058)	2625	1.330 (0.00206)
18	(1)	1.02 (0.040)	1624	0.823 (0.00128)
18	(7/26)	1.22 (0.048)	1770	0.897 (0.00139)
18	(16/30)	1.19 (0.047)	1600	0.811 (0.00126)
18	(19/30)	1.24 (0.049)	1900	0.963 (0.00149)
18	(41/34)	1.19 (0.047)	1627	0.825 (0.00128)
18	(65/36)	1.19 (0.047)	1625	0.823 (0.00128)

AWG	(Stranding/ AWG)	Diameter	Circular Mils	Area
20	(1)	0.81 (0.032)	1024	0.5189 (0.00080)
20	(7/28)	0.97 (0.038)	1111	0.5631 (0.000873)
20	(10/30)	0.89 (0.035)	1000	0.5067 (0.000785)
20	(19/32)	0.94 (0.037)	1216	0.6162 (0.000955)
20	(26/34)	0.91 (0.036)	1032	0.5229 (0.000810)
20	(41/36)	0.91 (0.036)	1025	0.5194 (0.000805)
22	(1)	0.64 (0.025)	640.1	0.3243 (0.000503)
22	(7/30)	0.76 (0.030)	700.0	0.3547 (0.000550)
22	(19/34)	0.79 (0.031)	754.1	0.3821 (0.000592)
22	(26/36)	0.76 (0.030)	650.0	0.3294 (0.000511)
24	(1)	0.51 (0.020)	404.0	0.2047 (0.000317)
24	(7/32)	0.58 (0.023)	442.4	0.2242 (0.000347)
24	(10/34)	0.61 (0.024)	396.9	0.2011 (0.000312)
24	(19/36)	0.58 (0.023)	475.0	0.2407 (0.000373)
24	(41/40)	0.58 (0.023)	404.2	0.2048 (0.000317)
26	(1)	0.40 (0.016)	252.8	0.1281 (0.000199)
26	(7/34)	0.53 (0.021)	277.8	0.1408 (0.000218)
26	(10/36)	0.51 (0.020)	250.0	0.1267 (0.000196)
26	(19/38)	0.48 (0.019)	298.0	0.1510 (0.000234)
28	(1)	0.32 (0.013)	158.8	0.0804 (0.000125)
28	(7/36)	0.33 (0.013)	175.0	0.0887 (0.000137)
28	(19/40)	0.38 (0.015)	187.3	0.0949 (0.000147)
30	(1)	0.25 (0.010)	100.0	0.0507 (0.000079)
30	(7/38)	0.30 (0.012)	109.8	0.0556 (0.000086)
30	(19/42)	0.30 (0.012)	117.8	0.0597 (0.000093)
32	(1)	0.20 (0.008)	63.20	0.0320 (0.000050)
32	(7/40)	0.20 (0.008)	67.27	0.0341 (0.000053)
32	(19/44)	0.23 (0.009)	76.00	0.0385 (0.000060)
34	(1)	0.160 (0.0063)	39.69	0.0201 (0.000031)
34	(7/42)	0.191 (0.0075)	43.40	0.0220 (0.000034)
36	(1)	0.127 (0.0050)	25.00	0.0127 (0.000020)
36	(7/44)	0.152 (0.0060)	27.44	0.0139 (0.000023)
38	(1)	0.102 (0.0040)	15.68	0.0079 (0.000012)
40	(1)	0.079 (0.0031)	9.86	0.0050 (0.000008)
42	(1)	0.064 (0.0025)	6.20	0.0031 (0.000005)
44	(1)	0.051 (0.0020)	3.92	0.0020 (0.000003)
46	(1)	0.041 (0.0016)	2.46	0.0012 (0.000002)
48	(1)	0.030 (0.0012)	1.54	0.0008 (0.000001)
50	(1)	0.025 (0.0010)	0.98	0.0005 (0.000001)

* Classifications of insulated round Copper conductors

**W**

Application Tooling: Europe

Crimp Tooling

Hand Tools	W-72
Semi-Automatic Crimping Presses	W-73 to W-76
Stripper Crimpers	W-77
Wire Gauge Classifications	W-78
Ferrule Crimp Tooling	W-79

Insulation Displacement Technology (IDT) Tooling

Hand Tools and Pneumatic Hand Tool Adapters.	W-80 to W-82
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Manual Telephone Plug Tooling.	W-87
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Semi-Automatic Terminators	W-89 to W-90
Fully Automatic Harness Assembly Machines.	W-91
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For more information, please see the last page of the catalog for the location nearest you or contact:

FEATURES

- Ideal for prototype work, small production volumes and field repair
- Ratchet release action determines correct crimp height repeatability
- Adjustable eccentric to allow for crimp pressure adjustment
- Wire stop and terminal locator on most tools
- Forms both conductor and insulation crimps in one action



Crimp Application Tooling Hand Crimpers Cross Reference

European Hand Tools



ORDERING INFORMATION

Preferred Version in Europe—Not Available in the US

Terminal Series No.	Order No.			Wire Gauge AWG (mm ²)	Insulation Diameter	Strip Length
	Hand Tool	Extraction Tool	Insertion Tool			
1189/1190	69008-0950					
1380/1381	69008-0951	11-03-0006	11-02-0003	18-22 (0.80-0.35)	1.20-3.05 (.060-.120)	3.96-5.53 (.156-.218)
1560/1561	69008-0952	11-03-0002	11-02-0001	18-24 (0.80-0.20)	1.20-3.05 (.060-.120)	3.17-3.96 (.156-.218)
1854/1855	69008-0958	11-03-0002	11-02-0001	24-30 (0.20-0.05)	1.00-2.30 (.040-.090)	3.17-3.96 (.125-.156)
2477-2478	69008-0953	11-03-0016		18-24 (0.80-0.20)	2.80 (.110) max.	2.54-3.17 (.100-.125)
2578	69008-0954	11-03-0016		22-26 (0.35-0.12)	1.65 (.065) max.	2.54-3.17 (.100-.125)
2759	69008-0955	11-03-0022	11-02-0004	22-30 (0.35-0.05)	1.57 (.062) max.	2.54-3.17 (.100-.125)
4809	69008-0956	11-03-0022	11-02-0004	22-30 (0.35-0.05)	1.57 (.062) max.	2.54-3.17 (.100-.125)
5103	69008-0957			22-28 (0.35-0.08)	1.90 (.075) max.	2.54-3.17 (.100-.125)
5241	69008-0980			22-28 (0.35-0.08)	1.30-1.60 (.052-.063)	
5556/5558	69008-0724	69008-1011		16-28 (1.30-0.08)	1.30-3.10 (.051-.122)	3.00-3.50 (.118-.138)
43030/43031	69008-0982			20-24 (0.50-0.20)	1.65 (.065) max.	2.54-2.92 (.100-.115)
43030/43031	69008-0983			26-30 (0.12-0.05)	1.52 (.060) max.	2.54-2.92 (.100-.115)
50394	69008-0959			24-30 (0.20-0.05)	0.80-1.40 (.031-.055)	1.30-1.80 (.051-.071)
90119	69008-0985	69008-0003	69008-0140			
90290	69008-0984	69008-0003	69008-0140			

ORDERING INFORMATION

Press	
Description	Order No.
European TM-42 Press (220V)	69002-5000



Crimp Application Tooling TM-42 Crimp Terminating Machines Cross Reference

European Press and Die Tooling



Preferred Version in Europe—Not Available in the US

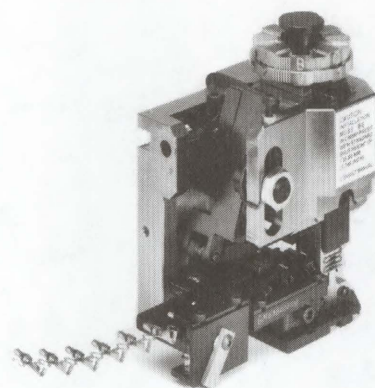
Terminal Series No.	Order No.		Wire Gauge AWG (mm ²)	Insulation Diameter	Strip Length
	Terminator Die Only	Spare Tooling Kit			
90020/90021-01XX	69001-1000	69001-2001	16-20 (1.50-0.50)	2.00-3.30 (.080-.130)	
90020/90021-02XX	69001-1005	69001-2002	16-20 (1.50-0.50)	1.00-2.30 (.055-.090)	
90020/90021-03XX	69001-1001	69001-2003	14-18 (2.50-1.00)	2.00-4.30 (.102-.142)	
90020/90021-04XX	69001-1006	69001-2004	14-18 (2.50-1.00)	1.00-2.90 (.040-.115)	
90022/90024-01XX	69001-1010	69001-2005	16-20 (1.50-0.50)	2.00-3.30 (.080-.130)	
90022/90024-02XX	69001-1011	69001-2006	16-20 (1.50-0.50)	1.30-2.30 (.052-.090)	
90022/90024-03XX	69001-1012	69001-2007	14-18 (2.50-1.00)	2.00-3.70 (.095-.145)	
90022/90024-04XX	69001-1013	69001-2008	14-18 (2.50-1.00)	1.00-2.90 (.067-.115)	
90026/90027-01XX	69001-1014	69001-2009	14-18 (2.50-1.00)	2.00-3.70 (.095-.145)	
90026/90027-02XX	69001-1015	69001-2010	14-18 (2.50-1.00)	1.00-2.90 (.067-.115)	
90026/90027-03XX	69001-1016	69001-2011	12-14 (4.00-2.50)	3.00-4.50 (.130-.180)	
90026/90027-04XX	69001-1017	69001-2012	12-14 (4.00-2.50)	2.00-4.30 (.102-.142)	
90028-01XX	69001-1002	69001-2013	16-20 (1.50-0.50)	2.00-3.30 (.080-.130)	
90028-02XX	69001-1007	69001-2014	16-20 (1.50-0.50)	1.30-2.30 (.052-.090)	
90028-03XX	69001-1004	69001-2015	14-18 (2.50-1.00)	2.00-3.70 (.095-.145)	
90028-04XX	69001-1008	69001-2016	14-18 (2.50-1.00)	1.00-2.90 (.067-.115)	
90028-05XX	69001-1003	69001-2017	12-14 (4.00-2.50)	3.00-4.50 (.130-.180)	
90028-06XX	69001-1009	69001-2018	12-14 (4.00-2.50)	2.00-4.30 (.102-.142)	
90119-0109/-0110/-0111	69001-1042	69001-2020	22-24 (0.35-0.20)		
90119-0120/-0121/-0122	69001-1043	69001-2021	26-28 (0.12-0.08)		
90197-01XX	69001-1040	69001-2013			
90197-03XX	69001-1041	69001-2015			
90198-0001	69001-1024	69001-2025			
90212/90192	69001-1048	69001-2050			
90350/01XX	69001-1025	69001-2026			

Note: No press and die combination number exists in Europe



Crimp Application Tooling Mini-Mac Universal Crimp Applicator Cross Reference

European Mini-Mac



Preferred Version in Europe—Not Available in the US

Terminal Series No.	Order No.		Wire Gauge AWG (mm ²)	Insulation Diameter	Strip Length
	Mini-Mac	Tool Kit			
1189/1190	69037-1100	69037-2100	14-20 (2.00-0.50)	1.50-4.06 (.065-.160)	3.96-5.53 (.156-.218)
1380/1381	69037-1103	69037-2103	18-22 (0.80-0.35)	1.20-3.05 (.060-.120)	3.96-5.53 (.156-.218)
1433/1434	69037-1105	69037-2105	24-30 (0.20-0.05)	0.76-1.52 (.030-.060)	3.96-5.53 (.156-.218)
1450/1451	69037-1100	69037-2100	14-20 (2.00-0.50)	3.56 (.140) max.	3.96-5.53 (.156-.218)
1457-1	69037-1106	69037-2106	18-22 (0.80-0.35)	2.60 (.102) max.	3.96-5.53 (.156-.218)
1457-2	69037-1107	69037-2107	14-16 (2.00-1.30)	3.56 (.140) max.	3.96-5.53 (.156-.218)
1508	69037-1066	69037-2066	16-20 (1.30-0.50)		3.96-5.53 (.156-.218)
1560/1561	69037-1108	69037-2108	18-24 (0.80-0.20)	1.20-3.05 (.060-.120)	3.17-3.96 (.125-.156)
1589/1590	69037-1103	69037-2103	18-22 (0.80-0.35)	3.05 (.120) max.	3.96-5.53 (.156-.218)
1786/1787	69037-1108	69037-2108	18-24 (0.80-0.20)	1.20-3.05 (.060-.120)	3.17-3.96 (.125-.156)
1793	69037-1108	69037-2108	18-24 (0.80-0.20)	2.80 (.110) max.	3.17-3.96 (.125-.156)
1797	69037-1109	69037-2109	18-24 (0.80-0.20)	1.20-3.05 (.060-.120)	3.17-3.96 (.125-.156)
1854/1855	69037-1110	69037-2110	24-30 (0.20-0.05)	1.00-2.30 (.040-.090)	3.17-3.96 (.125-.156)
1881-2	69037-1111	69037-2111	16-24 (1.30-0.20)	3.50 (.138) max.	3.96-5.53 (.156-.218)
1900/1901	69037-1112	69037-2112			
1917	69037-1109	69037-2109	18-24 (0.80-0.20)	1.20-3.05 (.060-.120)	3.17-3.96 (.125-.156)
1943	69037-1007	69037-2007	18-24 (0.80-0.20)	2.80 (.110) max.	3.17-4.74 (.125-.187)
1973	69037-1114	69037-2114	18-22 (0.80-0.35)	1.20-3.05 (.060-.120)	3.96-5.53 (.156-.218)
2107	69037-1116	69037-2116	24-30 (0.20-0.05)	0.76-1.52 (.030-.060)	3.17-3.96 (.125-.156)
2125	69037-1116	69037-2116	24-30 (0.20-0.05)	1.77 (.070) max.	3.17-3.96 (.125-.156)
2151/2152	69037-1103	69037-2103	18-22 (0.80-0.35)	1.20-3.05 (.060-.120)	3.96-5.53 (.156-.218)
2189/2190	69037-1110	69037-2110	24-30 (0.20-0.05)	1.00-2.30 (.040-.090)	3.17-3.96 (.125-.156)
2192	69037-1105	69037-2105	24-30 (0.20-0.05)	1.52 (.060) max.	3.96-5.53 (.156-.218)
2269	69037-1100	69037-2100	14-20 (2.00-0.50)	3.55 (.140) max.	3.96-5.53 (.156-.218)
2273	69037-1103	69037-2103	18-22 (0.80-0.35)	1.20-3.05 (.060-.120)	3.96-5.53 (.156-.218)
2477	69037-1209	69037-2008	18-24 (0.80-0.20)	2.80 (.110) max.	2.54-3.17 (.100-.125)
2478	69037-1209	69037-2008	18-20 (0.80-0.20)	2.80 (.110) max.	2.54-3.17 (.100-.125)
2578	69037-1010	69037-2010	22-26 (0.35-0.12)	1.65 (.065) max.	2.54-3.17 (.100-.125)
2717	69037-1110	69037-2110			
2759	69037-1027	69037-2027	22-30 (0.35-0.05)	1.57 (.062) max.	2.54-3.17 (.100-.125)
2870/2871	69037-1121	69037-2121			
2878	69037-1209	69037-2008	18-24 (0.80-0.20)	2.80 (.110) max.	3.17-3.96 (.125-.156)

When ordering crimp dies, machines or hand crimp tools, please include terminal number to be crimped, wire size, insulation, and send a 3' or 1m sample to Molex with the order; available on lease basis only



Crimp Application Tooling Mini-Mac Universal Crimp Applicator Cross Reference

European Mini-Mac

Terminal Series No.	Order No.		Wire Gauge AWG (mm ²)	Insulation Diameter	Strip Length
	Mini-Mac	Tool Kit			
4018	69037-1122	69037-2122	18-24 (0.80-0.20)	2.80 (.110) max.	2.54-3.17 (.100-.125)
4268	69037-1100	69037-2100			
4272	69037-1103	69037-2103	18-22 (0.80-0.35)	1.20-3.05 (.060-.120)	3.96-5.53 (.156-.218)
4292	69037-1105	69037-2105			
4366	69037-1109	69037-2109	18-24 (0.80-0.20)	1.20-3.05 (.060-.120)	3.17-3.96 (.125-.156)
4549/4550	69037-1100	69037-2100	14-20 (2.00-0.50)	3.55 (.140) max.	3.96-5.53 (.156-.218)
4559	69037-1110	69037-2110	24-30 (0.20-0.05)	1.00-2.30 (.040-.090)	3.17-3.96 (.125-.156)
4578	69037-1209	69037-2008			
4706	69037-1124	69037-2124	16-18 (1.30-0.80)	3.00 (.118) max.	5.94-6.30 (.234-.250)
4706-3	69037-1009	69037-2009	18-24 (0.80-0.20)	3.00 (.118) max.	5.94-6.30 (.234-.250)
4809	69037-1002	69037-2002	22-30 (0.35-0.05)	1.57 (.062) max.	2.54-3.17 (.100-.125)
4811-1	69037-1000	69037-2000	22-26 (0.35-0.12)	1.52 (.060) max.	5.74-6.30 (.234-.250)
4811-A4	69037-1001	69037-2001			
4838	69037-1209	69037-2008	20-22 (0.50-0.35)	2.41 (.095) max.	2.54-3.17 (.100-.125)
5005/5006	69037-1085	69037-2085	18-24 (0.80-0.20)	3.00 (.118) max.	
5103	69037-1011	69037-2011	22-28 (0.35-0.08)	1.90 (.075) max.	2.54-3.17 (.100-.125)
5159	69037-1027	69037-2027	22-28 (0.35-0.08)	1.20-1.70 (.047-.067)	2.80-3.40 (.110-.133)
5167	69037-1125	69037-2125	18-24 (0.80-0.20)	2.50 (.098) max.	2.54-3.17 (.100-.125)
5175	69037-1090	69037-2090	16-22 (1.30-0.35)	3.40 (.134) max.	3.70-4.30 (.147-.169)
5190	69037-1164	69037-2164	22-26 (0.35-0.12)	1.52 (.060) max.	
5194	69037-1013	69037-2013	18-24 (0.80-0.20)	1.30-3.20 (.052-.126)	3.00-3.50 (.118-.138)
5205/5206	69037-1095	69037-2095	14-18 (2.00-0.80)	3.40 (.134) max.	2.54-3.17 (.100-.125)
5225	69037-1126	69037-2126	22-28 (0.35-0.08)	1.20-2.60 (.047-.100)	
5230	69037-1127	69037-2127	22-30 (0.35-0.05)	1.52 (.060) max.	2.54-3.17 (.100-.125)
5241	69037-1012	69037-2012	22-28 (0.35-0.08)	1.30-1.60 (.052-.063)	
5263	69037-1058	69037-2058	22-28 (0.35-0.08)	1.90 (.075) max.	2.54-3.17 (.100-.125)
5266	69037-1043	69037-2043			
5294	69037-1128	69037-2128	24-28 (0.20-0.08)	1.50 (.060) max.	2.03-2.54 (.080-.100)
5298	69037-1075	69037-2075	18-24 (0.80-0.20)	3.05 (.120) max.	
5378	69037-1050	69037-2050			
5394	69037-1003	69037-2003			
5479	69037-1130	69037-2130			
5556/5558	69037-1131	69037-2131	18-24 (0.80-0.20)	1.30-3.10 (.051-.122)	3.00-3.50 (.118-.138)
5556T2/5558T3	69037-1132	69037-2132	22-28 (0.35-0.08)	0.90-1.80 (.035-.070)	3.00-3.50 (.118-.138)
5556T3/5558T3	69037-1133	69037-2133	16 (1.30)	1.00-3.10 (.071-.122)	3.00-3.50 (.118-.138)
5659	69037-1005	69037-2005	22-28 (0.35-0.08)	1.70 (.067) max.	2.54-3.17 (.100-.125)
6308	69037-1105	69037-2105	24-30 (0.20-0.05)	1.52 (.060) max.	3.96-5.53 (.156-.218)
6310	69037-1100	69037-2100	14-20 (2.00-0.50)	1.50-4.06 (.065-.160)	3.96-5.53 (.156-.218)
6379	69037-1209	69037-2008			
6438	69037-1209	69037-2008	18-24 (0.80-0.20)	2.40 (.095) max.	2.54-3.17 (.100-.125)
6770/6772	69037-1108	69037-2108	18-24 (0.80-0.20)	2.80 (.110) max.	3.17-3.96 (.125-.156)
6796	69037-1110	69037-2110			
6838	69037-1209	69037-2008	18-24 (0.80-0.20)	2.80 (.110) max.	2.54-3.17 (.100-.125)
6893/6894	69037-1105	69037-2105	24-30 (0.20-0.05)	1.52 (.060) max.	3.96-5.53 (.156-.218)
7199	69037-1047	69037-2047			
7242	69037-1065	69037-2065	22-30 (0.35-0.05)	1.52 (.060) max.	3.17-3.96 (.125-.156)
7258	69037-1010	69037-2010	22-26 (0.35-0.12)	1.65 (.065) max.	2.54-3.17 (.100-.125)
7293	69037-1105	69037-2105			
7499	69037-1044	69037-2044	22-24 (0.35-0.20)	1.27 (.050) max.	3.17-3.96 (.125-.156)
7676	69037-1160	69037-2160	14-22 (2.00-0.35)	3.55 (.140) max.	3.55-4.74 (.140-.187)
7676 1A10	69037-1189	69037-2189			
7879	69037-1136	69037-2136	22-30 (0.35-0.05)	1.57 (.062) max.	2.54-3.17 (.100-.125)
8818/8819	69037-1122	69037-2122	18-22 (0.80-0.35)	2.40 (.095) max.	2.54-3.17 (.100-.125)
8960	69037-1076	69037-2076	18-24 (0.80-0.20)	2.40 (.095) max.	2.54-3.17 (.100-.125)
8980-3C	69037-1079	69037-2079	18-22 (0.80-0.35)	1.52-2.30 (.060-.090)	3.00-5.54 (.118-.218)
8993	69037-1209	69037-2008	18-24 (0.80-0.20)	2.80 (.110) max.	2.54-3.17 (.100-.125)
35021	69037-1227	69037-2227	22 (0.35)	1.90 (.075) max.	

When ordering crimp dies, machines or hand crimp tools, please include terminal number to be crimped, wire size, insulation, and send a 3' or 1m sample to Molex with the order



Crimp Application Tooling Mini-Mac Universal Crimp Applicator Cross Reference

European Mini-Mac

Terminal Series No.	Order No.		Wire Gauge AWG (mm ²)	Insulation Diameter	Strip Length
	Mini-Mac	Tool Kit			
40140	69037-1209	69037-2008	18-24 (0.80-0.20)		
40229	69037-1010	69037-2010			
40445	69037-1027	69037-2027	22-30 (0.35-0.05)	1.57 (.062) max.	2.54-3.17 (.100-.125)
41050	69037-1068	69037-2068	22-24 (0.35-0.20)	2.80 (.110) max.	3.17-3.96 (.125-.156)
41051	69037-1088	69037-2088	18-22 (0.80-0.35)	2.30-3.55 (.090-.140)	3.17-3.96 (.125-.156)
42023/42024	69037-1040	69037-2040	18-24 (0.80-0.20)	1.00-2.54 (.040-.100)	
50011	69037-1072	69037-2072	24-30 (0.20-0.05)	1.40 (.055) max.	1.60-2.10 (.063-.083)
50012	69037-1078	69037-2078	24-28 (0.20-0.08)	1.15 (.045) max.	
43030/43031	69037-1196	69037-2196	20-24 (0.50-0.20)		
43030/43031	69037-1197	69037-2197	26-30 (0.12-0.05)		
44476/44478	69037-1133	69037-2133	16 (1.30)	1.00-3.10 (.040-.120)	3.00-3.50 (.118-.138)
44476/44478	69037-1131	69037-2131	18-24 (0.80-0.20)	1.30-3.10 (.052-.120)	3.00-3.50 (.118-.138)
50013-8000	69037-1078	69037-2078			
50034	69037-1199	69037-2199	26-30 (0.12-0.05)	1.40 (.055) max.	
50038/50039	69037-1048	69037-2048	22 (0.35)	1.90-1.50 (.060-.075)	2.00-2.50 (.078-.098)
50058/8000	69037-1091	69037-2091	28-32 (0.08-0.03)	1.00 (.040) max.	1.40-1.90 (.055-.075)
50061	69037-1165	69037-2165	28-32 (0.08-0.03)	1.00 (.040) max.	
50079-8000	69037-1185	69037-2091	26-28 (0.12-0.08)	1.00 (.040) max.	1.40-1.90 (.055-.075)
50097	69037-1118	69037-2188	20-24 (0.50-0.20)	2.10 (.083) max.	
50098-8000	69037-1202	69037-2202			
50125-8000	69037-1186	69037-2186	26-28 (0.12-0.08)	1.00 (.040) max.	1.40-1.90 (.055-.075)
50133	69037-1222	69037-2186	28-32 (0.08-0.03)	1.00 (.040) max.	
50212-8000	69037-1098	69037-2098	24-30 (0.20-0.05)	1.40 (.055) max.	1.30-1.80 (.051-.071)
50217-8000	69037-1167	69037-2167			
50350-9001	69037-1203	69037-2203			
50351	69037-1216	69037-2216	22-28 (0.30-0.08)	1.15-1.80 (.045-.071)	
50394	69037-1163	69037-2163	24-30 (0.20-0.05)	0.80-1.40 (.031-.055)	1.30-1.80 (.051-.071)
50420-8000	69037-1193	69037-2193			
50434-8000	69037-1204	69037-2204			
50516	69037-1215	69037-2215	28-32 (0.08-0.03)	1.00 (.040) max.	
50641	69037-1236	69037-2336	28-30 (0.08-0.05)	0.90 (.035) max.	
52095-0005	69037-1046	69037-2046			
60071-1	69037-1161	69037-2161			
60072-1	69037-1162	69037-2162			
67260	69037-1240		22-26 (0.35-0.12)		
67260	69037-1241		28-30 (0.08-0.05)		
67262	69037-1242		22-26 (0.35-0.12)		
67262	69037-1243		28-30 (0.08-0.05)		
70021	69037-1149	69037-2149	24-30 (0.20-0.05)	1.52 (.060) max.	3.17-3.55 (.125-.140)
70021	69037-1150	69037-2150	22-24 (0.35-0.20)	1.63 (.064) max.	3.17-3.55 (.125-.140)
70058	69037-1146	69037-2146	24-30 (0.20-0.05)	1.52 (.060) max.	3.17-3.55 (.125-.140)
70058	69037-1148	69037-2148	22-24 (0.35-0.20)	1.63 (.064) max.	3.17-3.55 (.125-.140)
71851	69037-1146	69037-2146	24-30 (0.20-0.05)	1.52 (.060) max.	3.17-3.55 (.125-.140)
71851	69037-1148	69037-2148	22-24 (0.35-0.20)	1.63 (.064) max.	3.17-3.55 (.125-.140)
82023	69037-1152	69037-2152	20-24 (0.50-0.20)		
82024	69037-1152	69037-2152	20-24 (0.50-0.20)		
87003-9000	69037-1042	69037-2042			
90020-04XX	69037-1054	69037-2054	28-32 (0.08-0.03)		
90028-01XX	69037-1074	69037-2074			5.50-6.00 (.216-.236)
90100	69037-1155	69037-2155	22-26 (0.35-0.12)		
90103	69037-1155	69037-2155	22-26 (0.35-0.12)		
90119	69037-1017	69037-2017	22-24 (0.35-0.20)		2.80-3.30 (.110-.130)
90119	69037-1018	69037-2018	26-28 (0.12-0.08)		2.80-3.30 (.110-.130)
90198-0001	69037-1004	69037-2004			3.00-3.50 (.118-.138)
90264	69037-1077	69037-2077	18-20 (0.80-0.50)		
90290	69037-1055	69037-2055	28-32 (0.08-0.03)		
90416	69037-1025	69037-2025			
90422	69037-1039	69037-2039			
90670	69037-1093	69037-2093	22-26 (0.35-0.12)		2.80-3.30 (.110-.130)
90670	69037-1094	69037-2094	26-30 (0.12-0.05)		2.80-3.30 (.110-.130)

When ordering crimp dies, machines or hand crimp tools, please include terminal number to be crimped, wire size, insulation, and send a 3' or 1m sample to Molex with the order

FEATURES AND SPECIFICATIONS

Features

- A wire processing system consisting of a Kirsten PP3 Stripper Crimper and termination dies designed for a variety of Molex terminals
- Strips insulation and crimps terminal in 1 cycle
- Fine adjustment for both strip and crimp height specifications
- Unit is lightweight and portable
- Completely pneumatic, no electric required
- Resettable counter

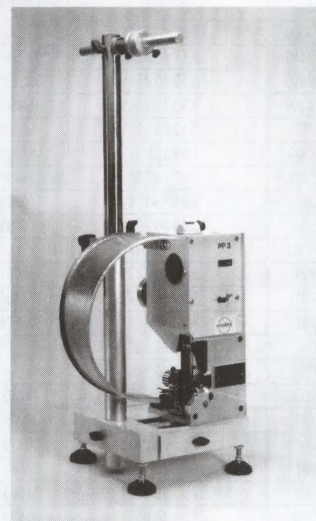
Specifications

Size without Reel Arm: Width—254mm (10")
 Depth—254mm (10")
 Height—813mm (32")
 Size with Reel Arm and Reel: Width—533mm (21")
 Depth—254mm (10")
 Height—1118mm (44")
 Weight: 29kg (64 lb)
 Pneumatics: Pressure—4.1 to 6.2 BAR (60 to 90psig)
 Consumption—41L per minute (1.45 CFM)
 Tonnage: 13.4kN (1.5 tons)
 Stroke Length: 30.00mm (1.180")
 Free Wire Length: 14.00mm + carrier strip width (.511")
 Strip Length: 12.00mm (.470") max.
 Rate: Up to 1500 terminations per hour, dependent on operator speed and application



Crimp Application Tooling Stripper Crimpers

TM-80 (Preferred for 24 to 32 AWG)



ORDERING INFORMATION

Preferred Version in Europe—Not Available in the US

Terminal Series No.	Order No.		Wire Gauge AWG (mm ²)	Insulation Diameter	Strip Length
	Applicator	Spare Tool Kit			
1854/1855	69015-6060	69015-6061	24-30 (0.20-0.05)	1.00-2.30 (.040-.090)	3.17-3.96 (.125-.156)
2477/2478	69015-7000	69015-7001	18-20 (0.80-0.50)	2.80 (.110) max.	2.54-3.17 (.100-.125)
5103	69015-6094	69015-6095	22-28 (0.35-0.08)	1.90 (.075) max.	2.54-3.17 (.100-.125)
5263	69015-6070	69015-6071	22-28 (0.35-0.08)	1.90 (.075) max.	2.54-3.17 (.100-.125)
87115/87116	69015-6075	69015-6076	24-28 (0.20-0.08)		
87115/87116	69015-6080	69015-6081	28-32 (0.08-0.03)	0.90 (.035) max.	
90119-01XX	69015-1020	69015-1025	22-24 (0.35-0.20)		
90119-01XX	69015-1021	69015-1030	26-28 (0.35-0.08)		
90212	69015-6027	69015-6040	18-20 (0.80-0.50)		
90290	69015-6026	69015-6035	22-26 (0.35-0.12)		
90290	69015-6025	69015-6030	28-32 (0.08-0.03)		
90290	69015-6065	69015-6066	26-28 (0.35-0.08)		

Note: Standard TM-80, Left Hand Feed, Untooled Order No. is 69015-0000

AWG	(Stranding/ AWG)	Diameter	Circular Mils	Area
4/0	(2107/30)	13.26 (0.522)	210700	106.764 (0.16548)
3/0	(1672/30)	11.79 (0.464)	167200	84.722 (0.13132)
2/0	(1330/30)	10.52 (0.414)	133000	67.392 (0.10446)
1/0	(1045/30)	9.35 (0.368)	104500	52.951 (0.08207)
2	(665/30)	7.42 (0.292)	66500	33.696 (0.05223)
4	(420/30)	5.89 (0.232)	42000	21.282 (0.03299)
6	(266/30)	4.67 (0.184)	26600	13.478 (0.02089)
8	(1/30)	3.25 (0.128)	16384	8.302 (0.01287)
8	(19/21)	3.68 (0.145)	15433	7.820 (0.01212)
8	(49/25)	3.73 (0.147)	15700	7.955 (0.01233)
8	(133/29)	3.73 (0.147)	16983	8.605 (0.01334)
8	(168/32)	3.73 (0.147)	16800	8.513 (0.01319)
8	(665/36)	3.73 (0.147)	16625	8.424 (0.01306)
10	(1)	2.59 (0.102)	10384	5.261 (0.00816)
10	(37/26)	2.92 (0.115)	9354	4.740 (0.00735)
10	(49/27)	2.95 (0.116)	9880	5.006 (0.00776)
10	(105/30)	2.95 (0.116)	10500	5.320 (0.00825)
12	(1)	2.06 (0.081)	6529	3.308 (0.00513)
12	(7/20)	2.44 (0.096)	7168	3.632 (0.00563)
12	(19/25)	2.36 (0.093)	6088	3.085 (0.00478)
12	(37/28)	2.29 (0.090)	5874	2.976 (0.00461)
12	(65/30)	2.41 (0.095)	6500	3.294 (0.00511)
12	(165/34)	2.41 (0.095)	6549	3.318 (0.00514)
14	(1)	1.63 (0.064)	4109	2.082 (0.00323)
14	(7/22)	1.85 (0.073)	4481	2.270 (0.00352)
14	(19/27)	1.85 (0.073)	3831	1.941 (0.00301)
14	(41/30)	1.85 (0.073)	4100	2.078 (0.00322)
14	(105/34)	1.85 (0.073)	4167	2.112 (0.00327)
16	(1)	1.29 (0.051)	2581	1.308 (0.00203)
16	(7/24)	1.52 (0.060)	2828	1.433 (0.00222)
16	(19/29)	1.47 (0.058)	2426	1.229 (0.00191)
16	(26/30)	1.50 (0.059)	2600	1.317 (0.00204)
16	(65/34)	1.50 (0.059)	2580	1.307 (0.00203)
16	(105/36)	1.47 (0.058)	2625	1.330 (0.00206)
18	(1)	1.02 (0.040)	1624	0.823 (0.00128)
18	(7/26)	1.22 (0.048)	1770	0.897 (0.00139)
18	(16/30)	1.19 (0.047)	1600	0.811 (0.00126)
18	(19/30)	1.24 (0.049)	1900	0.963 (0.00149)
18	(41/34)	1.19 (0.047)	1627	0.825 (0.00128)
18	(65/36)	1.19 (0.047)	1625	0.823 (0.00128)

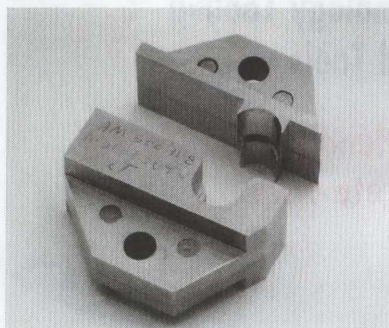
AWG	(Stranding/ AWG)	Diameter	Circular Mils	Area
20	(1)	0.81 (0.032)	1024	0.5189 (0.00080)
20	(7/28)	0.97 (0.038)	1111	0.5631 (0.000873)
20	(10/30)	0.89 (0.035)	1000	0.5067 (0.000785)
20	(19/32)	0.94 (0.037)	1216	0.6162 (0.000955)
20	(26/34)	0.91 (0.036)	1032	0.5229 (0.000810)
20	(41/36)	0.91 (0.036)	1025	0.5194 (0.000805)
22	(1)	0.64 (0.025)	640.1	0.3243 (0.000503)
22	(7/30)	0.76 (0.030)	700.0	0.3547 (0.000550)
22	(19/34)	0.79 (0.031)	754.1	0.3821 (0.000592)
22	(26/36)	0.76 (0.030)	650.0	0.3294 (0.000511)
24	(1)	0.51 (0.020)	404.0	0.2047 (0.000317)
24	(7/32)	0.58 (0.023)	442.4	0.2242 (0.000347)
24	(10/34)	0.61 (0.024)	396.9	0.2011 (0.000312)
24	(19/36)	0.58 (0.023)	475.0	0.2407 (0.000373)
24	(41/40)	0.58 (0.023)	404.2	0.2048 (0.000317)
26	(1)	0.40 (0.016)	252.8	0.1281 (0.000199)
26	(7/34)	0.53 (0.021)	277.8	0.1408 (0.000218)
26	(10/36)	0.51 (0.020)	250.0	0.1267 (0.000196)
26	(19/38)	0.48 (0.019)	298.0	0.1510 (0.000234)
28	(1)	0.32 (0.013)	158.8	0.0804 (0.000125)
28	(7/36)	0.33 (0.013)	175.0	0.0887 (0.000137)
28	(19/40)	0.38 (0.015)	187.3	0.0949 (0.000147)
30	(1)	0.25 (0.010)	100.0	0.0507 (0.000079)
30	(7/38)	0.30 (0.012)	109.8	0.0556 (0.000086)
30	(19/42)	0.30 (0.012)	117.8	0.0597 (0.000093)
32	(1)	0.20 (0.008)	63.20	0.0320 (0.000050)
32	(7/40)	0.20 (0.008)	67.27	0.0341 (0.000053)
32	(19/44)	0.23 (0.009)	76.00	0.0385 (0.000060)
34	(1)	0.160 (0.0063)	39.69	0.0201 (0.000031)
34	(7/42)	0.191 (0.0075)	43.40	0.0220 (0.000034)
36	(1)	0.127 (0.0050)	25.00	0.0127 (0.000020)
36	(7/44)	0.152 (0.0060)	27.44	0.0139 (*****)
38	(1)	0.102 (0.0040)	15.68	0.0079 (*****)
40	(1)	0.079 (0.0031)	9.86	0.0050 (*****)
42	(1)	0.064 (0.0025)	6.20	0.0031 (*****)
44	(1)	0.051 (0.0020)	3.92	0.0020 (*****)
46	(1)	0.041 (0.0016)	2.46	0.0012 (*****)
48	(1)	0.030 (0.0012)	1.54	0.0008 (*****)
50	(1)	0.025 (0.0010)	0.98	0.0005 (*****)

* Classifications of insulated round Copper conductors

ORDERING INFORMATION

molex® Ferrule Crimp Tooling

LFH Ferrule Crimp Tooling



C



D

Connector Series	Ferrule Order No.	Ferrule Size (OD)	Order No.	
			Complete Manual Press	Dies Only
			Figure D	Figure C
LFH™	71256-0001	12.17/6.96 (.479/.274)	62200-1295	62200-1202
LFH	71256-0002	12.17/10.64 (.479/.419)	62200-1395	62200-1301

* Complete kit

† Semconn and Access Bus only

FEATURES AND SPECIFICATIONS

Molex MicroCross tooling offers a ferrule crimp tool that is designed to crimp both the large and small diameters of the ferrule simultaneously. There are two die sets to cover the two ferrules (see list below). The crimp tool works in conjunction with the Molex Standard Manual Press.

Mechanical

Dimensions (includes Press):

Height—530.00mm (21.00")

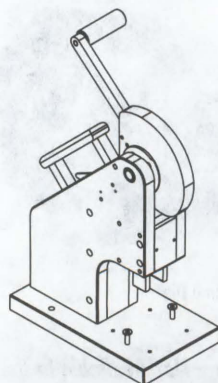
Width—270.00mm (10.63")

Depth—150.00mm (5.90")

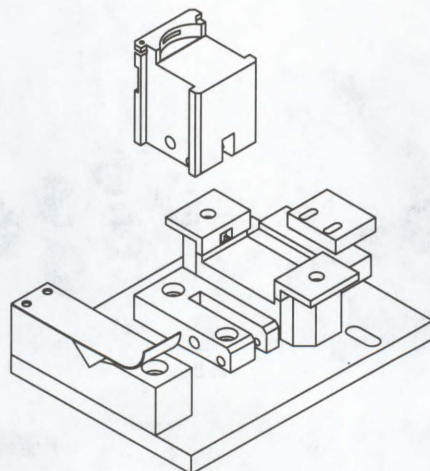
Weight: Unpacked—24.60 kg (55.00 lbs.)

Rate: Approximately 180 assemblies per hour, depending on operator skill level

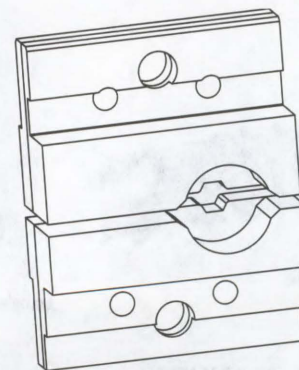
MicroCross™ Ferrule Crimp Tooling



Manual Standard Press



Die Fixture



Die Set

Order No.	Description
11-31-6356	Manual Standard Press
62200-4401	Die Fixture

ORDERING INFORMATION

Cable Range	Ferrule No.	EMI Can	Order No.	Description
6.25-7.31 (.246-.288)	73772-0001	88789-9332 88789-9333	62200-6700 62200-6701 62200-6702	Die Set Die Fixture + Die Set Press + Die Fixture + Die Set
8.18-8.99 (.322-.354)	73772-0002	88789-9332 88789-9333	62200-4431 62200-4441 62200-4443	Die Set Die Fixture + Die Set Press + Die Fixture + Die Set

Note: For all other crimp ferrule options contact Molex.

Application Tooling

FEATURES

- For low volume, prototype and repair



Insulation Displacement Technology Tooling Hand Tools

"T" Handle Hand Tool for Discrete Wire



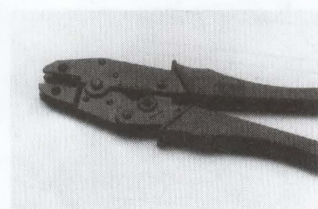
ORDERING INFORMATION

Description	Order No.	Connector
"T" Tool for 2.50mm (.098") and 2.54mm (.100") pitch connectors	11-02-0016	7720, 7720S, 7795, 8160, 40555
"T" Tool for 3.96mm (.156"), 5.00mm (.197") and 5.08mm (.200") pitch connectors	11-02-0015	7674, 7675
Manual Termination Hand Tool for Mini-Fit™ IDT	11-02-0023	71690, 71694

FEATURES

- For low volume or portable applications
- Common tool frame with interchangeable dies
- High quality, high leverage tool frame
- Eccentric adjustment for closing force
- Full cycle ratchet for complete crimp
- Ferrule crimp tools have 2 positions, 1 for large diameter and 1 for small diameter requiring 2 actuations to complete a ferrule crimp

Ferrule and RF Connector Crimping



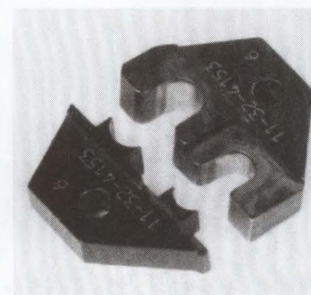
Handle



Complete Tool



RF Dies



Ferrule Crimp Die

ORDERING INFORMATION

Preferred Version in Europe—Not Available in the US

Description	Order No.		Connector Series	Ferrule Part No.	Ferrule Size (OD)
	Complete Tool	Dies Only			
Hand Tool	69008-1030	69008-1032	RG58C/U, 59B/U	RF Connector	
Hand Tool	69008-1031	69008-1033	RG174A/U, Twinax	RF Connector	
Stripper	69008-1028	69008-1029	Cable	RF Connector	

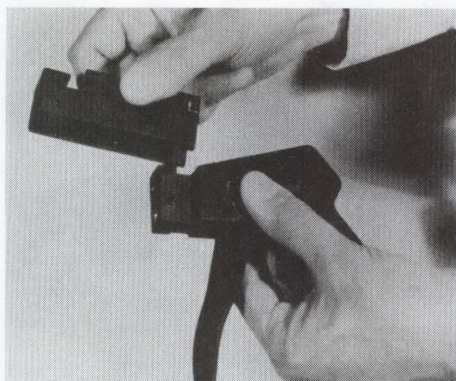
FEATURES AND SPECIFICATIONS

- For low volume, prototype and field repair
- Automatically indexes to the next position after previous wire termination



Insulation Displacement Technology Tooling

Discrete Wire and Ribbon Cable Hand Tools for Europe



Modular System



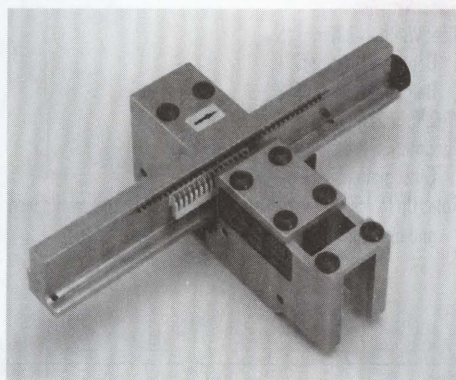
A—Hand Tool Handle



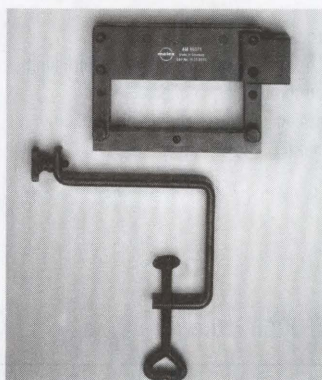
Complete Tool



B



C



E



F

ORDERING INFORMATION

Preferred Version in Europe—Not Available in the US

Description	Order No.	Use With
Pistol	69008-0949	Required for all modules and all connectors

Description	Order No.	Type	Use with Molex Connector
QF50™ Connectors	69008-0250		5320, 5321, 40312
Module for 2.50mm (.098") and 2.54mm (.100") pitch connectors	69008-0225	B	7720, 7720S, 7795, 4055S
"User Friendly"	69008-0290	C	90650, 90652
Module for 3.96mm (.156") pitch connectors	69008-0240	B	7674, 7675
Module for 5.00mm (.197") and 5.08mm (.200") pitch connectors	69008-0270	B	6952

FEATURES AND SPECIFICATIONS

Features

- For low volume users
- Utilizes modules from Molex hand tool
- Includes foot pedal and filter for air supply line

Specifications

Size: Width—180mm (7")
 Depth—75mm (3")
 Height—100mm (4")
 Weight: 0.9kg (2 lb)
 Pneumatics: Pressure—4 BAR (60psig)
 Consumption—2.8L per minute (0.1 CFM)
 Rate: Up to 750 cycles per hour, dependent on operator speed and application

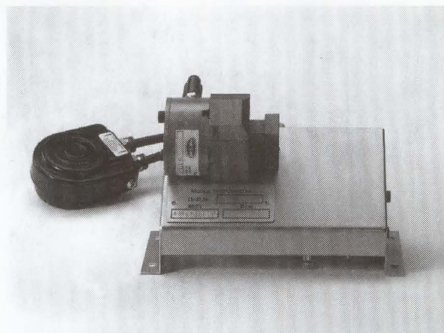


Insulation Displacement Technology Tooling Pneumatic Hand Tool Adapters

Low Force for Single Wire Feed-To Modules

ORDERING INFORMATION

Description	Order No.		Use with Molex Connector
	Module	Adapter	
For 2.50mm (.098") and 2.54mm (.100") pitch connectors	11-21-5197	11-20-0739	7720, 7745, 7795, 8951, 40775, 40798, 40922
For 2.50mm (.098") pitch connectors	11-31-8939	11-20-0739	42219, 42254
For 2.54mm (.100") pitch connectors	11-21-8365	11-20-0739	40555
For 3.96mm (.156") pitch connectors	11-21-5196	11-20-0739	7674, 7675, 8633, 40119, 40749, 40791, 40915, 41101
For 5.00mm (.197") and 5.08mm (.200") pitch connectors	69008-0270	11-20-0739	7823, 7933, 7935



FEATURES AND SPECIFICATIONS

Features

- For low volume users
- Utilizes modules from Molex hand tool that require high force and/or feed-through terminations
- Allows user to position module in various orientations
- Clamps to workbench (up to 3" thick)

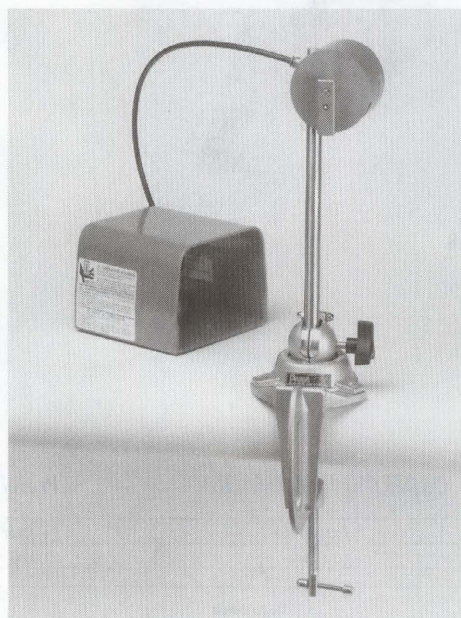
Specifications

Size: Width—130mm (5")
 Depth—180mm (7")
 Height—330mm (13")
 Weight: 3.2kg (7 lb)
 Pneumatics: Pressure—4 BAR (60psig)
 Consumption—6L per minute (0.2 CFM)
 Rate: Up to 750 cycles per hour, dependent on operator speed and application

High Force for Ribbon Cable, Mass Terminating and Feed Through Modules

ORDERING INFORMATION

Description	Order No.		Use with Molex Connector
	Module	Adapter	
For 2.54mm (.100") pitch connectors	62100-0700	11-31-1570	70400, 70475, 90187
Module for 5.08mm (.200") pitch connector	11-21-9756	11-31-1570	70156
Module for 5.08mm (.200") pitch connector	11-32-6027	11-31-1570	71156
Module for Mini-Fit IDT	11-39-0303	11-31-1570	71694, 71690



FEATURES AND SPECIFICATIONS

Features

- For medium volume users
- Feed-through or feed-to assembly
- Lightweight and portable

Specifications

Size: Width—152mm (6")
Depth—305mm (12")
Height—254mm (10")
Weight: 8.1kg (18 lb)

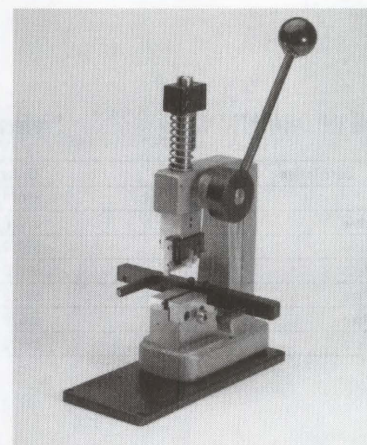


Insulation Displacement Technology Tooling Low Force Manual Presses

For Ribbon Cable

ORDERING INFORMATION

Description	Order No.	Use with Molex Connector
.100" Pitch Manual Press	11-20-0179	7720, 40555
.156" Pitch Manual Press	11-20-0314	7674, 7675
.098" Pitch Manual Press*	11-20-0436	8160
.156" Pitch Manual Press	11-20-0815	7660/7664



FEATURES AND SPECIFICATIONS

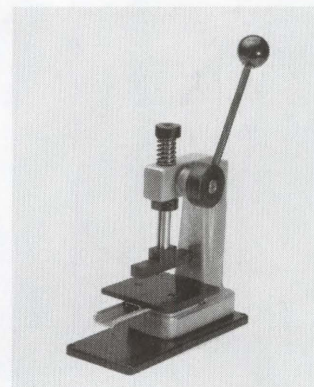
Features

- For medium volume users
- Feed-through or feed-to assembly
- Lightweight and portable
- Cable shearing capabilities
- Interchangeable tooling that is compatible with most competitive presses

Specifications

Size: Width—203mm (8")
Depth—305mm (12")
Height—360mm (14")
Weight: 6.9kg (15 lb)

QF50™



ORDERING INFORMATION

Description	Order No.	Tool Change Kit Order No.	Use with Molex Connector
Manual Press (Press Only)	11-21-0679		All .050" pitch Molex connectors
Universal Adapter Plate†	11-31-2176	11-31-2187	5360 Qik Flec™
Universal Adapter Plate†	11-31-2176	11-31-2335	5320 Qik Flec

* For use with connector 8160—up to 20 circuits (terminates feed-to only)

† If customer already has Universal Adapter Plate Assembly, all that is required for each above connector is the appropriate tool change kit

Customer Application Note: If application requires terminating the 71007, 70121, 40312 or 5320 connector above 60 circuits, the customer is advised to check the manual press platen length. All new manual presses are shipped with extended platens measuring 3.75". However, if the customer already has a manual press, it is possible the platen length is 3.25". The platen is a black aluminum "T" shaped piece located at the bottom end of the manual press ram. If the customer expects to terminate 64 circuit connectors, the extended platen (3.75") may be ordered using Order No. 11-10-1055.

FEATURES AND SPECIFICATIONS

Features

- For medium volume users
- Feed-through or feed-to assembly
- Lightweight and portable

Specifications

Size: Width—152mm (6")
 Depth—305mm (12")
 Height—457mm (18")
 Weight: 7.8kg (17.2 lb)



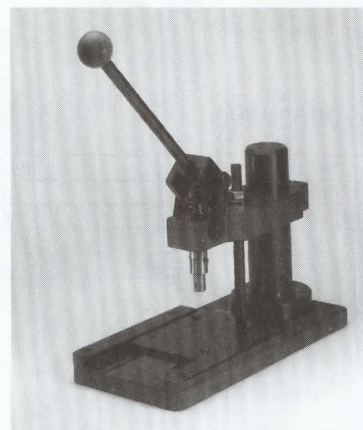
Insulation Displacement Technology Tooling Low Force Manual Presses

Modular Euro Manual Press

ORDERING INFORMATION

Preferred Version in Europe—Not Available in the US

Description	Order No.	Use with Molex Connector
Manual Press	69020-0660	All equipment listed below
Cable Shear Module	69020-0900	To shear ribbon cable of all sizes
Assembly Module	69020-0680	5320
Assembly Module	69020-0710	5350, 5360, 5370, 5380 QF50
Termination Fixture	69020-0320	7720, 7720S
Termination Fixture	69020-0770	7674, 7675
Termination Fixture	69020-0785	7790



FEATURES AND SPECIFICATIONS

Features

- For medium volume users
- Low handle force to reduce operator fatigue
- Portable
- Accepts a large number of connector-type tool kits
- Full cycle ratchet
- Quick tooling changeover
- Termination height fine adjustment with lock screw

Specifications

Size: Width—152mm (6")
 Depth—533mm (10.5")
 Height—267mm (21")
 Weight: 23kg (50 lb)
 Maximum Force: 13.3kN (3000 lb)
 Shut Height: 42.00mm (1.650")
 Stroke Length: 43.00mm (1.690")



Insulation Displacement Technology Tooling High Force Manual Press

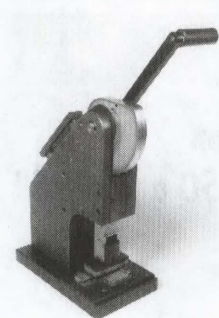
High Force Manual Press



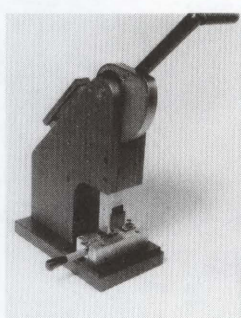
ORDERING INFORMATION

Description	Order No.
Manual Press Only (No Tooling)	11-31-6356

ORDERING INFORMATION



A



B

Tooling Kits for High Force Manual Press

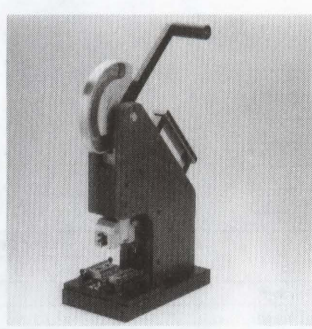
Single Termination Discrete Wire

Connector	Description	Order No.		Figure
		Complete Manual Press	Tool Kit	
30452—2.00mm	Feed-To Only, Manual Index	11-20-1298		A
2.50mm—SPOX™	Feed-To Only, Manual Index	11-20-1278	11-39-0001	B
2.50mm—"User Friendly"	Feed-To Only, Manual Index	11-21-9963	11-21-9998	B

ORDERING INFORMATION



C

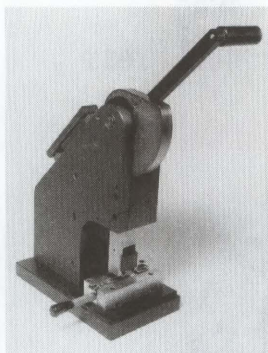


D

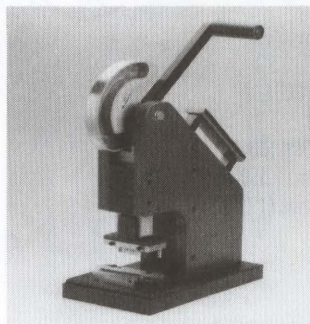
Mass Termination Discrete Wire Tooling

Connector	Description	Order No.		Figure
		Complete Manual Press	Tool Kit	
71156	Feed-To or Feed-Through, No Index—4 Wire	11-20-1286	11-39-0034	C
70156	Feed-To or Feed-Through, No Index—4 Wire	11-20-1317	11-39-0119	C
71690, 71694	Feed-To or Feed-Through, No Index	11-20-1318	11-39-0277	D

ORDERING INFORMATION



E



F

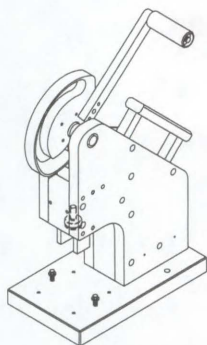


Insulation Displacement Technology Tooling Tooling Kits for High Force Manual Press

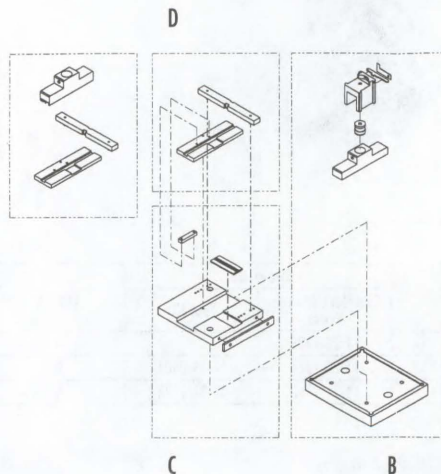
Mass Termination Ribbon Cable

Connector	Description	Order No.		Figure
		Complete Manual Press	Tool Kit	
30452—2.00mm	Feed-To Only	11-20-1327		E
2.50mm—SPOX	Feed-To Only	11-21-9757	11-32-1956	F
2.50mm—"User Friendly"	Feed-To Only	11-20-1277	11-39-0002	F
87568 MilliGrid 2.00mm	Feed-To and Feed-Through		62100-3200	Not Shown

ORDERING INFORMATION



A

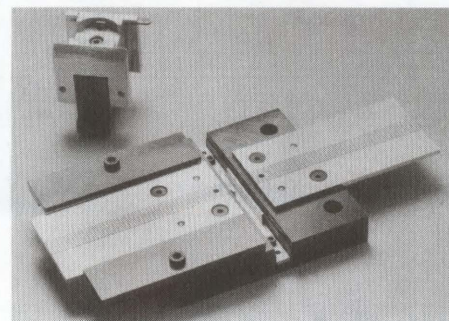


D

C

B

Mass Termination Ribbon Cable .050 and .025"



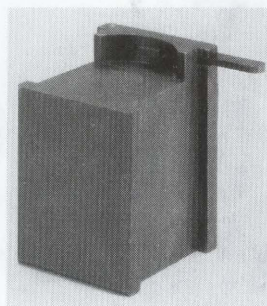
E

Tooling Accessories

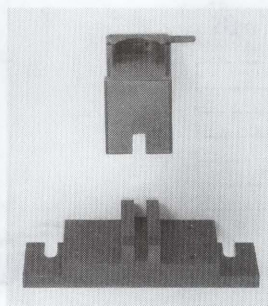
Description	Order No.	Figure
Universal Adapter Plate	11-31-2176	C
Ribbon Cable Tooling Adapter	11-20-0947	B
Manual Press with Tooling Adapter	11-20-1170	A + B
Universal Adapter Plate and Ribbon Cable Adapter	11-21-9933	B + C

Connector	Description	Order No.		Tool Kit Figure
		Complete Manual Press	Tool Kit Only*	
71522 DL50 Plug	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1163	11-31-5557	D
71521 DL50 Receptacle	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1164	11-31-5555	D
71527, 71528, 71530, 71531 D-Sub	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1165	11-21-9391	D
70121 Slimline	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1166	11-31-2181	D
5360 QF50"	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1168	11-31-2187	D
5320 QF50	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1169	11-31-2335	D
70720, 70721 DL50	1.27mm (.050") Ribbon Cable Feed-To, Feed-Through	11-20-1834	11-21-9746	D
79058 SCSI+	0.63mm (.025") Ribbon Cable Feed-To, Feed-Through	62200-5500	62200-4600	E
70498 SCSI+	0.63mm (.025") Ribbon Cable Feed-To, Feed-Through	62200-5500	62200-4600	E
EBB1 71660	0.63mm (.025") Ribbon Cable Feed-To, Feed-Through	62200-5500	62200-4600	E

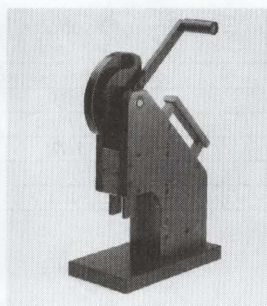
* If you already own a press, only tool kit is necessary



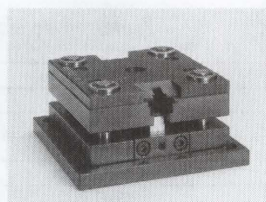
A



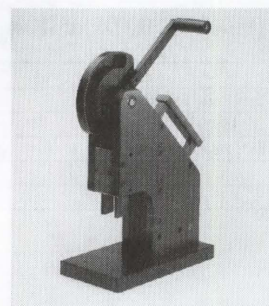
B



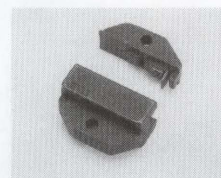
C



D



E



F

Description	Order No.	Figure
Adapter for 90075	11-21-9933	A
Adapter for 87031	11-31-7559	B

Connector	Size	Order No.	
		Complete Manual Press	Dies Only
		Figure C	Figure D
90075	4/4-6/6	11-20-1273	11-28-0225
90075	8/6-8/8	11-20-1274	69020-0140
		Figure E	Figure F
87031	4/4	11-20-1270	11-32-4767
87031	6/6	11-20-1271	11-32-4768
87031	6/2-6/4	11-20-1272	11-32-4769

Note: The above listed tools require loose piece telephone plugs

FEATURES AND SPECIFICATIONS

Features

- For processing hand-placed connectors, discrete wire
- Automatic connector indexing after termination
- Pneumatically operated cycle timer ensures stroke completion
- Leaves operator free to work with both hands

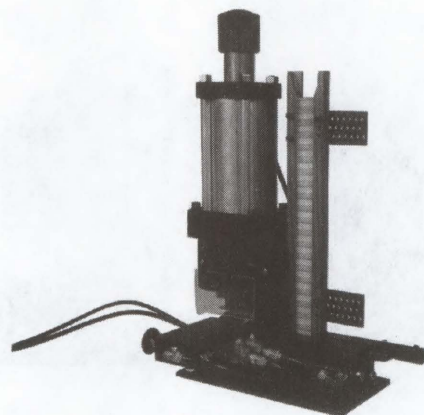
Specifications

Size: Width—250mm (9.8")
Depth—150mm (5.9")
Height—215mm (8.5")
Weight: 11kg (24.3 lb) approx.
Pressure: 6 BAR (90psig)



Insulation Displacement Technology Tooling Pneumatic Press

PB13 Pneumatic Terminator



ORDERING INFORMATION

Preferred Version in Europe—Not Available in the US

Description	Module Order No.	Use with Molex Connector
Hand Placed Connectors	69012-0750	7675
Side Loader	69012-0600	7720
Hand-Placed Connectors	69012-0700	7720
	69012-0350	52051
	69012-0280	90153, 90154, 90175

FEATURES AND SPECIFICATIONS

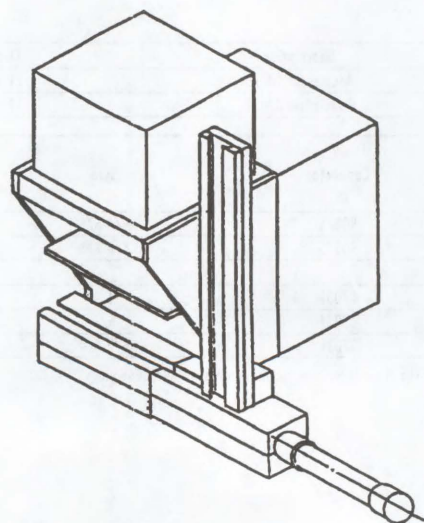
Features

- PB11 machine is for terminating hand placed pre-notched ribbon cable into 7720S connector
- Totally pneumatic
- Automatic connector re-loading
- Magazine feed
- Pneumatically operated cycle timer ensures stroke completion
- Base unit is hand loaded and can be adapted for magazine or auto-feed

Specifications

Size: Width—300mm (11.8")
Depth—250mm (9.8")
Height—250mm (9.8")
Weight: 28kg (62 lb)
Pressure: 6 BAR (90psig)
Press Stroke: 19mm (.750")

PB11 Pneumatic Terminator



ORDERING INFORMATION

Preferred Version in Europe—Not Available in the US

Description	Module Order No.	Use with Molex Connector
Magazine Connector Feed	69029-1019	7720S
Magazine Connector Feed	69029-1020	8160G

FEATURES AND SPECIFICATIONS

Features

- Totally pneumatic
- Automatic connector reloading
- Magazine feed with connector orientation
- Timer to ensure complete termination
- Cable guide
- Quick adjustments between circuit sizes
- Foot pedal operation
- Automatic tape feed available

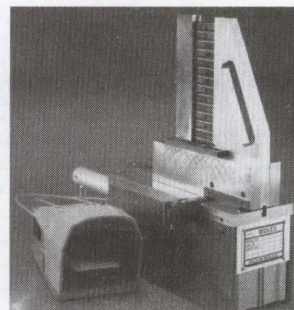
Specifications

Weight: 28kg (62 lb)
Pneumatic: 6 BAR (90psig)
Air Consumption: 14L per minute



Insulation Displacement Technology Tooling Semi-Automatic Terminators

P-B15 Pneumatic Terminator for QF50™



ORDERING INFORMATION

Preferred Version in Europe—Not Available in the US

Description	Module Order No.	Use With Molex Connector
PB15 Magazine Feed Terminator	69127-1050	40312, 90635
PB15 Tape Feed Terminator	69127-1100	40312, 90635

FEATURES AND SPECIFICATIONS

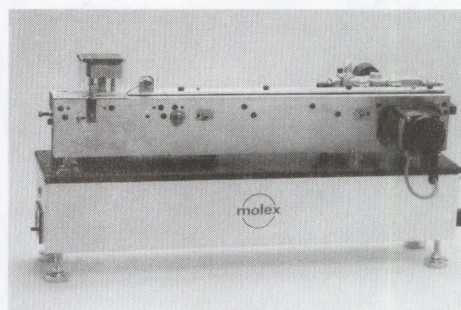
Features

- Can terminate feed-to, feed-thru or reverse feed-to*
- Quick and easy tooling change from feed-to to feed-thru
- Feed-to configuration has positive wire stop
- Adjustable wire length stop for daisy chain applications
- "CE" certified for Europe

Specifications

Size: Width—605mm (23.81")
Depth—138mm (5.43")
Height—307mm (12.12")
Weight: 21.0kg (46.3 lb)
Pneumatic: 5 to 6 BAR (80 to 90psig)
7L per minute (0.25 CFM)
Electrical: 110V, 60 Hz or 220V, 50 Hz
Connector to Connector Spacing: 38mm (1.5") for daisy chain
Rate: Up to 1200 terminations per hour dependent on operator speed and application

Semi-Automatic Mini-Cam for Discrete Wire



ORDERING INFORMATION AND DIMENSIONS

Description	Order No.	Use with Molex Connector
Mini-Cam IV Semi-Automatic Termination Machine for .156" KK	62300-0156	7674, 7675 and 40590
Mini-Cam IV Semi-Automatic Termination Machine for .100" KK	62300-0100	7720, 7795, 40555 and 41162
Mini-Cam IV Semi-Automatic Termination Machine for Mini-Fit IDT	62300-0200	71690, 71694
Mini-Cam V for SL	62300-4000	70400, 70475

* Caution: For reverse feed-to configuration on either KK product families it is necessary for the terminated wires to protrude outside of the connector. If your application does not allow for this condition, do not use the reverse feed-to termination.

FEATURES AND SPECIFICATIONS

Features

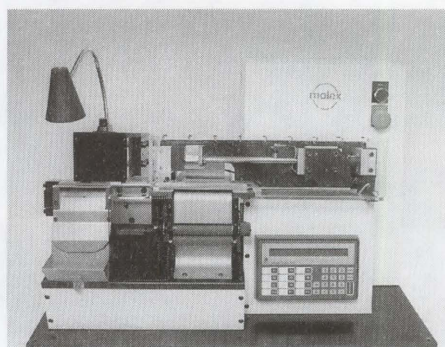
- "CE" Certified
- Assembles either discrete wire or cable
- Connector packaged in "Ammo-Pak" and linked together by terminal carrier strips
- Automatic connector loading
- Automatic carrier break off
- Programmable void capability
- Foot-pedal operated
- Tooling supplied for both ribbon cable and discrete wire (2 cable blades supplied for largest circuit size require alteration to your specific application circuit size, see machine manual for ordering information on specific circuit size tools)

Specifications

Size: Width—760mm (30")
Depth—480mm (19")
Height—480mm (19")
Weight: 70kg (150 lb)
Pneumatics: Pressure—5 BAR (80psig)
Consumption—28L per minute (1 CFM)
Electrical: Voltage—120V AC, 60 Hz or 220V AC, 50 Hz
Current—2A at 120V or 1A at 220V
Rate: Up to 1200 terminations per hour (discrete) and 350 assemblies per hour (cable), dependent on operator speed and wire length

Semi-Automatic Terminator for 2.00 and 2.50mm

Hawk™ Series



ORDERING INFORMATION

Description	Order No.	Use with Molex Connector
Hawk Terminator for SPOX™—Discrete Wire or Ribbon Cable	62300-0700	42219, 42254
Hawk Terminator for "User Friendly"—Discrete Wire or Ribbon Cable	62300-0500	90650, 90652
Hawk Terminator for 2.00mm—Discrete Wire or Ribbon Cable	11-20-1293	30452

Application Tooling

W

FEATURES AND SPECIFICATIONS

Features

- Terminates prenotched cable to pre-assembled connectors
- Bench mounted and operator controlled
- Feeding of connectors from machine's magazine
- Pneumatically operated
- Feed-to or feed-through capabilities

Specifications

Size: Width—203mm (8")
 Depth—305mm (12")
 Height—432mm (17")
 Weight: 13.5kg (30 lb)
 Pneumatics: Pressure—5 BAR (80psig)
 Consumption—14L per minute (0.5 CFM)
 Rate: Up to 550 assemblies per hour, dependent on operator speed and application

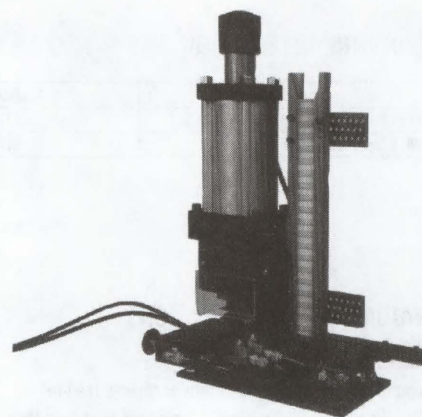


Insulation Displacement Technology Tooling Semi-Automatic Terminators

Semi-Automatic Terminator for Ribbon Cable

ORDERING INFORMATION

Description	Order No.	Use with Molex Connector
.100" Pitch Cable Terminator	11-20-0412	7720
.100" Pitch Cable Terminator with Backwalls	11-20-0771	7720, 40555
.100" Pitch Cable Terminator	11-20-1004	7720S
.100" Pitch Cable Terminator (Edge Card)	11-20-0411	7822
.156" Pitch Cable Terminator	11-20-0418	7674, 7675
.098" Pitch Cable Terminator	11-20-0498	8160
.098" Pitch Cable Terminator (Edge Card)	Contact Molex	



FEATURES AND SPECIFICATIONS

Features

- Fully automatic mass terminating machines for high volume applications (minimum estimated annual usage of 10 million terminations)
- Dereel systems for discrete wire or cable available
- Double end having single-ended harness capabilities without strip
- Full strip for discrete wire
- Strip and retain for cable
- Single-ended harness capability with strip (38mm/1.5" max.) (Harness length of 76mm/3" min. to 610mm/24" max.)
- Up to 64 terminations per cycle (dependent on circuit size)
- User friendly solid state controller
- Self-diagnostic with program storage
- Large variety of value-added options (maximum of 2 secondary operation stations)

Specifications

Size: Width—1800mm (71")
 Depth—915mm (36")
 Height—1500mm (59")
 Weight: 1370kg (2800 lb)
 Pneumatics: Pressure—5 BAR (80psig)
 Consumption—142L per minute (5 CFM)
 Electrical: Voltage—220V AC, 50 Hz or 240V AC, 60 Hz
 Current—40.0A (dependent on wire feed option)
 Rate: 300 cycles per hour average, dependent on harness length

The Eagle machine is defined in this series by having wire length capability up to 610mm (24") max. and up to 2 secondary operator stations.

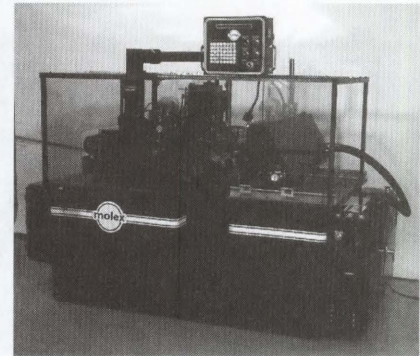
ORDERING INFORMATION

Contact Molex to Order



Insulation Displacement Technology Tooling Fully Automatic Harness Assembly Machines

Eagle™ Series 62600-0000



FEATURES AND SPECIFICATIONS

Features

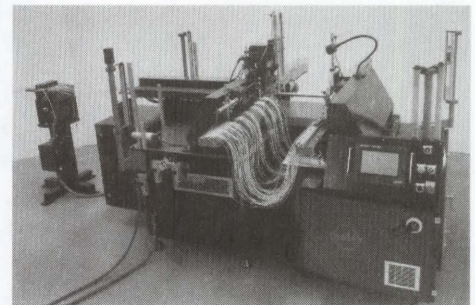
- Fully automatic mass terminating machines for high volume applications
- Dereel system for discrete wire or cable availability
- Double end having single-ended harness capabilities without strip
- Single-ended harness capability with strip (38mm/1.5" max.)
- Full strip for discrete wire
- Strip and retain for cable
- Up to 64 terminations per cycle (dependent on circuit size)
- Discrete wire with equal wire length capability (Harness length of 76mm/3" min. to 3048mm/120" max.)
- Various connector packaging options
- User friendly solid state controller (touch screen)
- Self-diagnostic with program storage
- Large variety of value-added options

Specifications

Size: Width—2300mm (91")
 Depth—1800mm (71")
 Height—1500mm (59")
 Weight: 1800kg (4000 lb)
 Pneumatics: Pressure—5 BAR (80psig)
 Consumption—142L per minute (5 CFM)
 Electrical: Voltage—220V AC, 50 Hz or 240V AC, 60 Hz
 Current—40.0A (dependent on wire feed option)
 Rate: 300 cycles per hour average, dependent on harness length

The Phoenix machine is defined in this series by having wire length capability up to 3048mm (120") and/or more than 2 secondary operator stations.

Phoenix™ Series 62700-0000



ORDERING INFORMATION

Contact Molex to Order

OPTIONAL FEATURES FOR EAGLE AND PHOENIX SERIES

- Wire dereeler systems: Up to 32 barrel capacity and up to 32 reel capacity
- Missing wire detection
- Wire splice detection
- Full strip for discrete wire
- Variable wire length capability: For single-end Eagle series: 76mm (3") min. to 610mm (24") max. For double-end Eagle series: 152mm (6") min. to 610mm (24") max.
- Discrete wire with variable wire length capability:
 - For single-end Phoenix series: Harness length of 152mm (6") min. to 3048mm (120") max. and maximum wire length within harness equal to approximately 4 times minimum length
 - For double-end Phoenix series: Harness length of 152mm (6") min. to 3048mm (120") max.
- Single or multiple notching or slitting for ribbon cable applications
- Housing load:
 - Magazine style for bulk packaging
 - Single detuber for extruded tube packaging
 - Manual track for operator loading
 - Welded film dereeler for mylar reel packaging
 - Welded film unloader for mylar "Ammo Pak"
 - Vibratory or centrifugal bowl feeding for continuous loading
 - Tape dereeler for continuous tape packaging
- Full strip and strip/retain for discrete wire and ribbon cable
- Terminal insertion into housings (SL)
- Continuity testing for double-ended assemblies
- Product marking:
 - Hot stamping
 - Ink pad printing
 - Ink jet printing
 - Automatic labeling
- Data storage for recall on floppy disk media through a personal computer

Molex can quote special machines upon request with optional features that parallel the Phoenix/Eagle Series. In general, these machines differ by the manner in which connector termination and wire handling are accomplished. Additionally, daisy chain and different connector orientations can be accomplished.

molex® Insulation Displacement
Technology Tooling

Special Machines
62900-0000

