



Tools

Crimping Tools

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CRIMPING TOOL OVERVIEW

M2

Crimping Tools

ITEM NUMBER	DESCRIPTION
111	RATCHET TYPE TOOL FOR BOTH INSULATED AND NON-INSULATED 8-2 AWG
AK38	ROTATING NEST TOOL FOR 8-2 AWG
AK60	ROTATING NEST TOOL FOR 6-1/0 AWG
AC-5N	BENCH MOUNT AIR CRIMP TOOL
ACS-200	PNEUMATIC CRIMP CYLINDER
5560 PC	PNEUMATIC CYCLINDER
5561 PCS	PNEUMATIC CYCLINDER STAND
CT-100	LEVER ACTION TOL FOR 6-4/0 AWG
Y800	MAINTENANCE PLIER FOR INSULATED AND NON-INSULATED 22-10 AWG TERMINALS
Y900	AS ABOVE, FOR INSULATED AND OPEN BARREL DISCONNECTS
YHM61	RATCHET CRIMP TOOL FOR NON-INSULATED 22-8 AWG TERMINALS
YHM88	RATCHET CRIMP TOOL FOR NON-INSULATED 16-6 AWG TERMINALS
YHT2210	RATCHET CRIMP TOOL FOR NON-INSULATED 22-10 AWG TERMINALS
YNM112	RATCHET CRIMP TOOL FOR INSULATED 22-14 AWG TERMINALS
YNM123	RATCHET CRIMP TOOL FOR INSULATED 16-10 AWG TERMINALS
YNM126	RATCHET CRIMP TOOL FOR INSULATED 22-10 AWG TERMINALS
YS7	3 NEST RATCHET TOOL FOR CLOSED END CONNECTOR

Models 5560 PC and ACS-200 have jaws available for a wide range of connectors. Descriptions of these tools are on the pages following.

TOOL SPECIFICATIONS

Tool Specifications

M3

111 Lever Type Heavy Duty Crimp Tool

Durable heavy-duty crimp tool for #8, #6, #4 and #2 AWG insulated and non-insulated terminals and splices. Wire size is plainly marked on each crimp nest. Comfort designed vinyl grip handles

AK38 Lever Type Heavy Duty Crimp Tool

AK60 Lever Type Heavy Duty Crimp Tool

Crimps uninsulated terminals without changing dies. Nests rotate in cast aluminum head with no removal necessary – a real time saver.. Save time and labour with this durable, heavy-duty crimp tool with its four built-in crimp nests. Eliminate die changing forever. Simply dial the desired forged steel nest for #8, #6, #4 or #2 AWG uninsulated terminals and crimp. Wire size is plainly marked on each crimp nest in both decimal and metric – no conversion is needed. The head's flat surface construction aids in leverage for handling tough jobs. Comfortable grips are easy on your hands. Attractive nickel-chrome plated steel handles are built strong to take years of hard work and keep performing.

Features:

- Handle Material: Nickel-Chrome Plated Steel
- Crimp Nest Construction: Hardened Steel Dies
- Grip Construction: Molded Plastic
- Head: Cast Aluminum
- Overall Length: 24-³/₄"
- Wire Size (AWG): AK38: #8, #6, #4, #2; AK60: #6, #4, #2, 1/0

AC-5N Bench Mounted Pneumatic Air Crimp Tool

Crimps non-insulated terminals: 22-10 AWG; Crimps insulated terminals: 22-10 AWG; Crimps closed end connectors: 22-10 AWG. Lightweight, foot operated, complete with hose and foot pedal. Crimping jaws (listed separately) must be ordered separately.

ACS-200 Pneumatic Crimp Cylinder

(Note: this description is for the Hoffman ACS100 tool). Versatile air-powered tool designed for speed and simplified crimping of AWG 22-10 insulated and non-insulated terminals (see chart below for details). Twelve (12) standard die heads. Easy to set up, operate and change for consistent high-quality crimping. Weight: 2.6 lbs; Length: 21 inches

5560 PC Pneumatic Cylinder

5561 PCS Stand

Pneumatic crimping tools are designed for high power output and are ideal for use where crimping operations may become tedious or the expense of a crimping press is not cost effective. Loose piece terminals, contacts, coaxial or fiber optic connectors are reliably crimped to industry specifications. The unit consists of a six-stage air cylinder, an optional stand, interchangeable crimp heads with a guard to prevent user injury (all items are ordered separately).

Features:

- The six-stage pneumatic cylinder body is constructed of anodized aluminum for light weight will all load bearing components manufactured from high carbon heat treated steel for maximum cyclic longevity
- The tool operates on 80 to 100 PSI filtered, lubricated air
- Four centreless ground shoulder bolts (supplied with the cylinder) affix the crimp head to the pneumatic cylinder
- A cover plate is provided on all crimp heads to protect the operator from injury
- The tool can be actuated from a set of palm pads or a foot pedal (contact the factory for details)
- The cylinder stand (5561 PCS) is ordered separately and orients the crimp head parallel to the mounting surface

CT-100 Lever Action Crimping Tool

(Note: this description is for the Hoffman 112 tubular lug crimping tool). Crimps 6 to 4/0 AWG terminals, ideal for field or shop use. Spring action holds lug firmly in place until crimped. Positive stop assures consistent crimp results. Unit may be used with a hammer or vise.

Y800 Plier Type Crimping Tool

Y900 Plier Type Crimping Tool

Features:

- Crimps 22-16, 16-14 and 12-10 terminals
- Wire cutter cuts wire cleanly and quickly (located in nose of unit)
- Insulation stripper strips 22, 18, 14, 12 and 10 AWG sizes
- Bolt cutter cuts five popular bolt sizes – 4-40, 6-32, 8-32, 10-24 and 10-32
- Thread chaser cleans and chases threads for above bolt sizes
- Professional quality, milled steel units ensure accurate operation and long life, versus less expensive stamped tools
- Comfort cushion grip handles alleviate operator hand fatigue
- Y900: Crimps insulated and open barrel disconnects

Tool Specifications (cont'd)

YHM61 Ratchet Type Crimping Tool**YHM88 Ratchet Type Crimping Tool****YHT2210 Ratchet Type Crimping Tool**

These quality ratchet tools are intended for professional use. All ratchet tools provide a controlled crimp in that the crimp cycle must be completed or the tool will not release. This prevents overcrimping and undercrimping. All tools (wire size 22-6 AWG) have spring-loaded handles which provide automatic release after the cycle has been completed.

YHM61 – For Non-Insulated Terminals

Features:

- Chrome-plated finish with vinyl grip handles
- Multi-terminal size applications
- Rugged construction
- High polished nest and indenter for precision quality crimps
- AWG Wire Range: 22-16, 16-14, 12-10 and 8

YHM88 – For Non-Insulated Terminals

Features:

- Chrome-plated finish with vinyl grip handles
- Multi-terminal size applications
- Rugged construction
- High polished nest and indenter for precision quality crimps
- AWG Wire Range: 16-14, 12-10, 8 and 6

YHT2210 – For Non-Insulated Terminals

Features:

- Rugged construction
- Baked enamel finish
- High polished nest and indenter for precision quality crimps
- AWG Wire Range: 22-16, 16-14 and 12-10

YNM112 Ratchet Type Crimping Tool

Features:

- For insulated terminals
- Vinyl-dipped, colour-coded handles (Red/Blue)
- Nickel-Chrome plated steel jaws
- Fully heat-treated
- Crimps two wire sizes
- Crimps barrel and insulation portion of terminal in one operation
- AWG Wire Range: 22-16 and 16-14

YNM123 Ratchet Type Crimping Tool

Features:

- For insulated terminals
- Vinyl-dipped, colour-coded handles (Blue/Yellow)
- Nickel-Chrome plated steel jaws
- Fully heat-treated
- Crimps two wire sizes
- Crimps barrel and insulation portion of terminal in one operation
- AWG Wire Range: 16-14 and 12-10

YS7 Ratchet Type Crimping Tool

Features:

- For closed end connectors
- Baked black enamel finish
- Rugged construction
- Cushion grip handles
- Terminal Type: 2218SDB, 1614SDB, CE230, 1210SDB and CE550 Series

CRIMPING TOOLS

AC-5N Pneumatic Air Crimp Tool Jaw Sets

M5

JAW NUMBER	FOR CRIMPING	TYPES AND SIZES
AC-1	NON-INSULATED	AWG 22-16, 16-14, 12-10
AC-3	INSULATED	AWG 22-16
AC-4	INSULATED	AWG 16-14
AC-5	INSULATED	AWG 12-10
AC-7	CLOSED END CONNECTORS	2218SDB, 1614SDB SERIES, 1210SDB SERIES
FC200	OPEN BARREL QUICK DISCONNECTS	AWG 22-14

ACS-200 Pneumatic Air Crimp Tool Die Sets

DIE HEAD NUMBER	DESCRIPTION	WIRE SIZE
T1	OPEN BARREL TERMINALS WITH INSULATION SUPPORT	AWG 20-14
T0/1	OPEN BARREL TERMINALS WITH INSULATION SUPPORT	AWG 24-20
T2/A	INSULATED TERMINALS	AWG 20-14
T2/B	INSULATED TERMINALS	AWG 12-10
T2	DISCONNECTS	AWG 20-10
T3/A	NON-INSULATED TERMINALS	AWG 20-14
T3/B	NON-INSULATED TERMINALS	AWG 12-10
T7	OPEN BARREL RIGHT ANGLE DISCONNECT	AWG 20-16
TSP	SDB ADN CE SERIES CLOSED END CONNECTORS	--

1000 Series Crimping Tools - Economy Crimp

FPO

PART NUMBER	DESCRIPTION
1050 CT	CATV CONNECTOR CRIMP TOOL RG6 AND RG59
1056 CT	COAX CONNECTOR CRIMP TOOL RG58, RG 59, RG174 & FIBER OPTIC

Economy Crimp is designed for the occasional user that insists on a reliable termination, yet cannot justify the cost of a full cycle tool. These cost-effective tools are precision manufactured and produce crimps to industry standards. The compact, lightweight construction provides a new level of accuracy and versatility for price sensitive applications.

1050 CT Crimping Tool**1056 CT Crimping Tool**

Features:

- Straight line jaw closure to a positive stop
- All crimp configurations are manufactured to the same specifications as the full cycle tools
- Wide cushion grips provide a user-friendly feel
- The most cost-effective product available for the occasional user
- Working components are heat-treated to provide longevity

1050 CT

Crimps the RG59 loose piece ferrule on CATV connectors to 0.252 diameter and the RG6 loose piece ferrule to a 0.408 diameter.

1056 CT

Crimps centre pin to a 0.068 hex or 0.042 square, certain outer ferrules of fiber optic connectors to a 0.100 hex and 0.178 hex, RG174 ferrule to a 0.178 hex, RG58 ferrule to a 0.213 hex and RG59 ferrule to a 0.255 hex.

CRIMPING TOOLS

3100 Series Crimping Tools - Industry Standard

M7



ITEM NUMBER	DESCRIPTION
3120 CT	INSULATED TERMINAL CRIMP TOOL FOR 10-22 AWG FVL SERIES
3123 CT	NON-INSULATED QUICK DISCONNECT CRIMP TOOL FOR 14-22 AWG
3125 CT	NON-INSULATED TERMINAL CRIMP TOOL FOR 10-22 AWG
3126 CT	OPEN BARREL CONTACT CRIMP TOOL FOR 10-22 AWG
3140 CT	INSULATED TERMINAL CRIMP TOOL FOR 10-22 AWG FVD SERIES
3141 CT	INSULATED SLIDE-ON TERMINAL CRIMP TOOL FOR 14-22 AWG FVDDF SERIES
3153 CT	COAX CONNECTOR CRIMP TOOL FOR RG58 AND RG59

Tools are made of machined and heat-treated high carbon steel. Many other variations of these precision-engineered tools are available. Please call for more information on tools for flat cable, fiber optic and telephone connectors.

3120 CT/3123 CT; 3125 CT/3126 CT; 3140 CT/3141 CT & 3153 CT Crimping Tools

The 3100 Series, the standard of the industry, the product by which all other crimp tools are judged is available for most connector applications. This tool has been the choice of professionals for over three decades. Longevity of operation coupled with fully machined crimp cavities, provide the level of performance required for the most stringent commercial applications. The years of association with the major connector manufacturers is apparent by the exacting crimps produced by these tools.

Features:

- Crimp cavities conforming to industry standards
- Longevity of operation is assured with this time-tested design
- The simple trouble-free full cycle mechanism assures consistent terminations
- Each tool is precisely engineered for a specific requirement
- All crimp cavities are fully machined in high carbon steel, then heat-treated

3120 CT

- Crimps conductor portion of insulated terminals
- Crimps are produced in three cavities:
Red 22-16 AWG; Blue 16-14 AWG; Yellow 12-10 AWG

3125 CT

- Crimps non-insulated terminals and splices
- Crimps are produced in three cavities:
22-16 AWG; 16-14 AWG; 12-10 AWG

3126 CT

- Crimps a wide variety of open barrel contacts, including D-subminiature in small size ranges
- Crimps conductor and insulation portion of contacts in separate cavities -- tool must be closed twice to complete termination
- Oval type insulation crimps are produced in two cavities:
B 20-16 AWG; D 30-22 AWG
- B type conductor crimps are produced in three cavities:
A 18-16 AWG; C 22-20 AWG; E 30-24 AWG

3140 CT

- Crimps conductor and strain relief portion of insulated terminals and splices in one tool closure
- Crimps are produced in two cavities:
Red 22-16 AWG/Blue 16-14 AWG; Yellow 12-10 AWG
- A locator and wire stop are provided

3153 CT

Crimps the centre pin to a 0.068 hex or 0.100 hex, RG58 ferrule to a 0.213 and the RG59 to a 0.255 hex

4000 Series Crimping Tools - Super Crimp System

FPO

PART NUMBER	DESCRIPTION
4190 CT	POWER LUG TERMINAL CRIMP TOOL FOR 2, 4, 6, AND 8 AWG

Tools are made of machined and heat-treated high carbon steel. They have a colour coded crimp cavity for copper compression lugs, a full cycle crimp mechanism with rotating die, and a double indent for short barrels and triple indent for long barrels.

4190 CT Crimping Tool

The 4100 Super Crimp System is designed for the professional that insists on the best commercial grade, full cycle crimp tool available. System integrity is maintained when components are terminated with this durable product. The ergonomic progressive pivoting design provides maximum crimping force with reasonable handle pressure. Fine blanked, high carbon steel construction provides a level of accuracy and performance usually reserved for MIL-SPEC tools. The 4100 series is North American manufactured and backed by over 100 years of quality craftsmanship.

Features:

- A multi-purpose frame manufactured to exacting specifications to accept interchangeable dies
- Molded grips and an easy reach frame to minimize user fatigue
- All bearing holes are reamed, pivots are centreless ground and all working components are heat-treated
- Positive ratcheting assembly with emergency release supplied as standard
- Tool life is conservatively rated at 50,000 cycles
- Crimps meet or exceed all UL tensile requirements
- Interlocking die sets are easily interchanged with mounting screws on most product applications

Frame Assembly:

The Super Crimp Frame can be ordered separately without dies. The frame is supplied complete with die mounting screws. You can select one or more dies based on your application requirements.

MISCELLANEOUS TOOLS

Cable Tensioning Tools

M9

ITEM NUMBER	DESCRIPTION
TG-7	MAINTENANCE PLASTIC CASE TYPE
0998	QUALITY METAL CASE TYPE

FPO

Description

Strain Relief Pliers

ITEM NUMBER	DESCRIPTION
HT-205	MAINTENANCE PLIER TYPE
IT-100	QUALITY STRAIN RELIEF TOOL

FPO

Description

Cable Cutters

ITEM NUMBER	DESCRIPTION
7101	HAND TYPE CABLE CUTTER FOR UP TO 1/2" CABLES
7106	LEVER TYPE CABLE CUTTER FOR UP TO 500 MCM CABLES

FPO

Description