

IWISS

IWISS
I W I S S E L E C T R I C

2021 CATALOG

ZHEJIANG IWISS ELECTRIC CO.,LTD

IWISS
I W I S S E L E C T R I C

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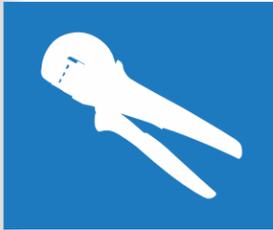


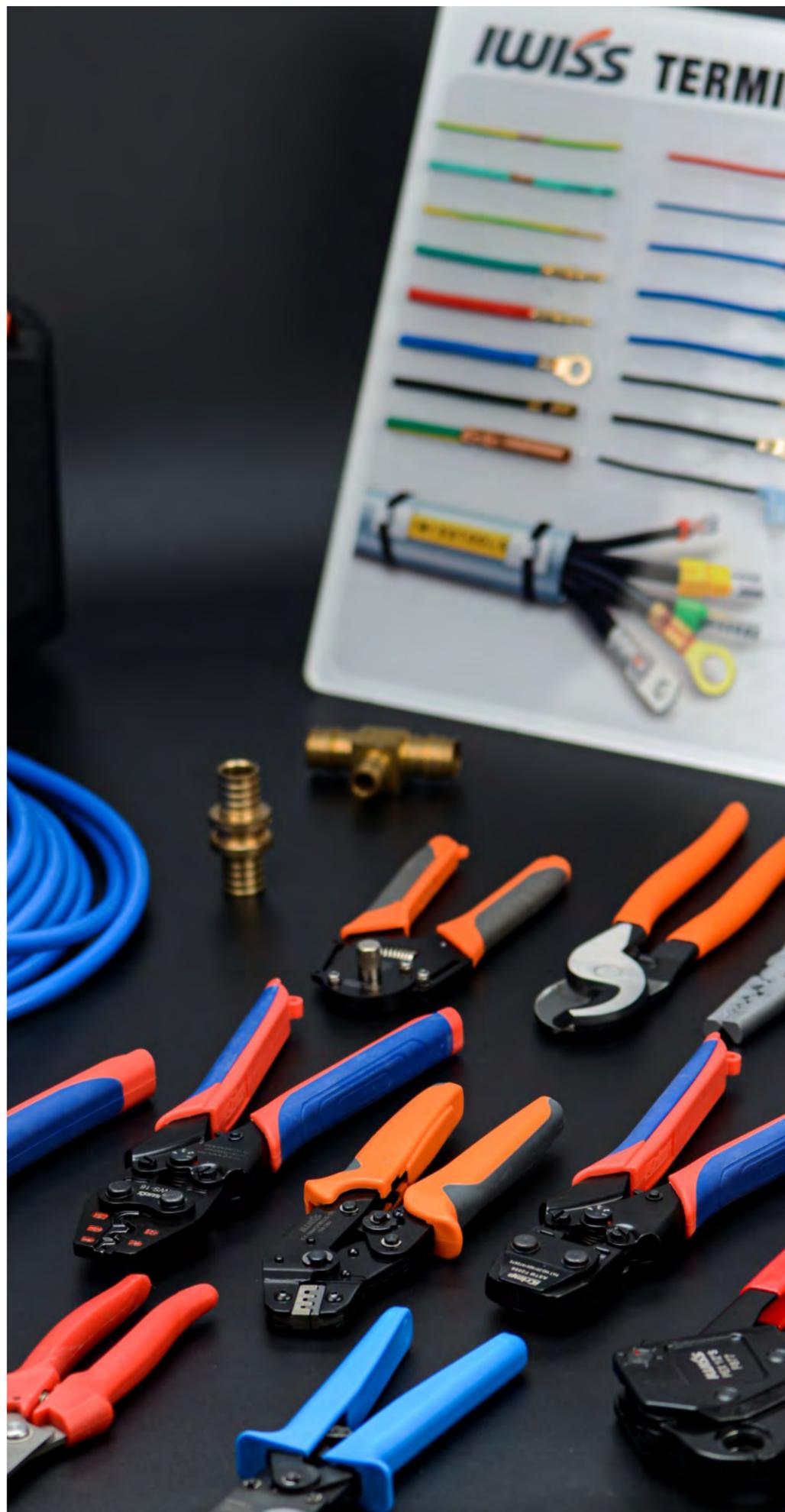
About IWISS

IWISS, founded in the 2008 Olympic year, is an enterprise specializing in manufacturing and R&D of cable tools, plumbing tools, and other handy tools for home improvements, automotive, and industry. We consistently develop various kinds of new products according to the market's trend and the demand of consumers. After over 10 years' endeavor, IWISS has successfully qualified with ISO9001:2015 and established a wholesome distribution system. We invest heavily in our people and production to ensure that we can stay highly focused as a fully functional team committed to developing, manufacturing, and delivering our high-value products.

We have established and developed our own brand "IWISS®" and "iCrimp®" in a number of countries, and keep fulfilling our mission "Create high efficiency and practicability". With an annual production capability of 400,000 pieces, IWISS tools are widely sold to North America, Europe, Australia, Japan, and other countries, have got popularity among various countries and regions.

All IWISS staffs expect to go with you hand in hand, and cooperate win-win, hope we can go together with "professional, safe, reliable" in the future.

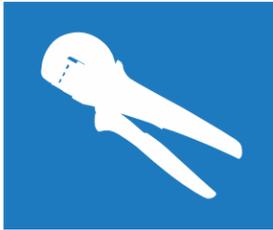




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IWISS

ELECTRICAL CRIMPING TOOLS

As a technique, crimping can produce long-lasting joints, efficiently and easily with very little training. Nowadays, Crimping has taken the place of soldering in many electrical applications and now is the most extensively used way for connections. When crimped properly, the strands remain individual even upon entering the insulation crimp, making the chances of strands breaking low, which ensure mechanical stability and corrosion-resistance. The proper crimping requires the contact, corresponding wire, and the most essential part--a suitable crimping tool.

IWISS with its sub-brand iCrimp offers crimping tools for virtually all types of electrical connections in the market, non-insulated, insulated, battery lug, open barrel, closed barrel, etc.

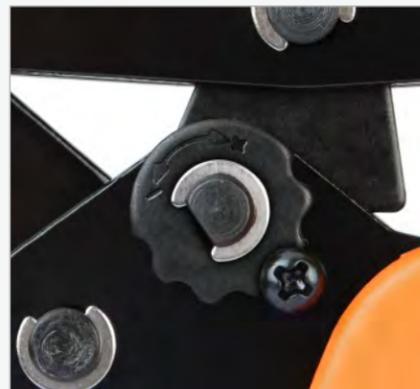
- 1. Made of high-quality steel, durable enough for long term service.*
- 2. Accurate jaw design guarantees perfect crimping every time*
- 3. Upgraded structure brings an effortless and stable operation*

In the past decades, our team committed to R&D and released various new style crimping tools to make the crimping more efficiently and easily. To meet requirements in different countries, we also made the tools in both metric and imperial standards.

IWISS tools are designed to create more efficient power to make perfect crimpings. We keep working to fulfill our commitment to providing every customer with high-quality tools for electrical applications.



EDM Cutting die set



Fine adjustment



Emergency release

SN SERIES CRIMP TOOL

RATCHET CRIMPER FOR OPEN BARRELS AND INSULATED TERMINALS

- Compact and light ratcheting crimper
- Integral lock with self-releasing mechanism
- Designed according to human engineering
- Precise jaws for accurate crimping on multi-type terminals
- Ergonomic TPR grips for fatigue-reduced operation

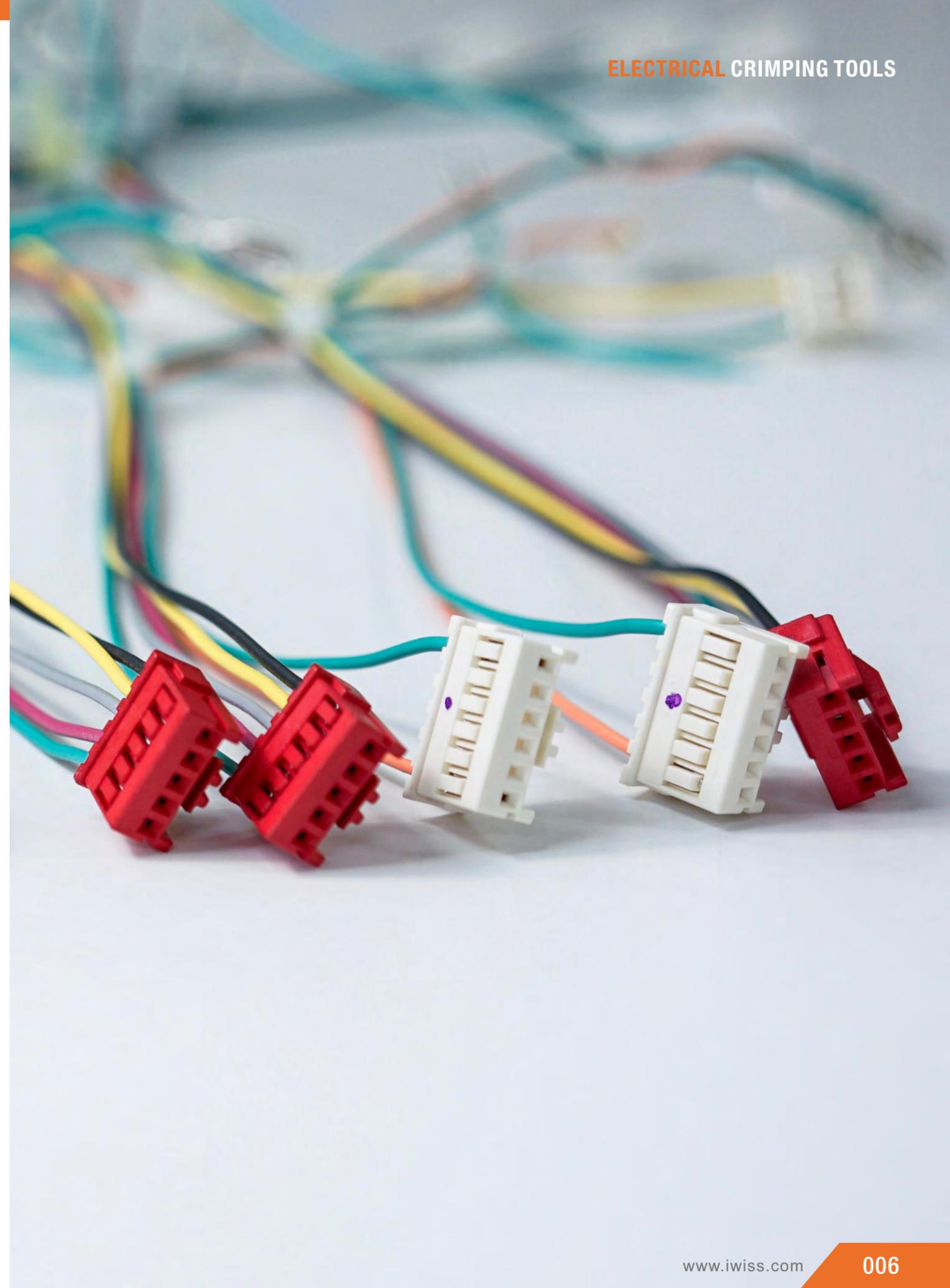


SN-2549



Item NO.	Die set	Die Set's Craft	Capacity	Criming Profile	Application
SN-28B		EDM	0.1-1.0mm ² 28-18 AWG		2.54mm
SN-48B		EDM	0.14-1.5mm ² 26-16 AWG		6.3mm
SN-58B		EDM	0.25-1.5mm ² 24-16 AWG		2.8mm
SN-01BM		EDM	0.08-0.5mm ² 28-20 AWG		Milli Grid 2mm
SN-2549		EDM	0.08-1.0mm ² 28-18 AWG		Micro fit
SN-025		EDM	0.1-1.0mm ² 28-18 AWG		MQS
SN-03BM		EDM	0.08-0.14mm ² 28-26 AWG		1.25mm
SN-05B		EDM	0.5-1.5mm ² 20-16 AWG		U-shaped wire buckle

Item NO.	Die set	Die Set's Craft	Capacity	Criming Profile	Application
SN-2546B		EDM	2.5/4/6mm ² 14-10 AWG		MC4
SN-02C		CASTING	0.25-2.5mm ² 24-14 AWG		Insulated Terminals
SN-0325		CASTING	0.5-2.5mm ² 20-14 AWG		OT Terminals
SN-02WF		CASTING	0.14-2.5mm ² 26-14 AWG		Insulated Terminals
SN-06WF		CASTING	0.25-6.0mm ² 24-10 AWG		Insulated Terminals
SN-16WF		CASTING	6.0-16.0mm ² 10-6 AWG		Insulated Terminals
SN-06WFL		CASTING	0.25-6.0mm ² 24-10 AWG		Insulated Terminals
SN-11011		CASTING	0.5-2.5mm ² 20-14 AWG		Non-insulated tabs & receptacles



HS SERIES CRIMP TOOLS

RATCHET CRIMPER FOR INSULATED&NON-INSULATED TERMINALS

- Self-adjustable crimper for different size
- Ratcheting mechanism design
- Ergonomic TPR made grip
- Accuracy and reliability crimps every time


HS-30J


Item NO.	Die set	Die Set's Craft	Capacity	Criming Profile	Application
HS-30J		CASTING	0.5-6.0mm ² 22-10 AWG		
HS-07FL		CASTING	1.25-2.5mm ² 18-14 AWG		
HS-03BC		CASTING	0.5-6.0mm ² 20-10 AWG		
HS-05FL		CASTING	4.8-6.3mm ²		
HS-06WF2C		CASTING	0.5-2.5mm ² 20-14 AWG		
HS-04WF		CASTING	0.75-10mm ² 18-8 AWG		
HS-04WFL		CASTING	0.5-4.0mm ² 20-12 AWG		
HS-26TW		CASTING	2x0.5-6.0mm ² 2x20-10 AWG		

AP SERIES CRIMP TOOLS

RATCHET CRIMPER FOR SPARK & BATTERY LUGS

- New leverage design saves energy
- Ergonomic TPR grip for fatigue-free operation
- Provides you with sturdy crimping



AP-2048



Item NO.	Die set	Die Set's Craft	Capacity	Criming Profile	Application
AP-2048		CASTING	Max Dia. 8.5mm		
AP-11		CASTING	0.5-6.0mm ² 20-10 AWG		
AP-1030		EDM	4.0-8.0mm ² 12-8 AWG		
AP-510		EDM	2.5-4.0mm ² 14-12 AWG		
AP-50BI		CASTING	0.8-33.0mm ² 8-2 AWG		



Rotate to switch different size



Durable ratchet mechanism



AP-50BI



HSC8 SERIES CRIMPING TOOL

RATCHET CRIMPER FOR END SLEEVES

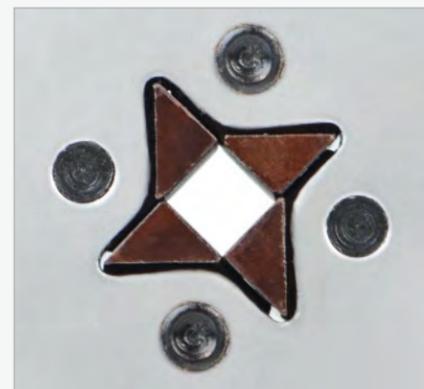
- Self-adjustable crimper for different size
- Ratcheting mechanism design
- Ergonomic TPR made grip
- Accuracy and reliability crimps every time
- Brings sturdy and perfect crimps for DIY electronics & home improvements



Crimping force adjustable



Hexagonal crimp



Square crimp



HSC8 16-4

Item NO.	Capacity	Crimping Profile	Length	Weight
HSC8 16-4	6.0-16.0mm ² 10-5 AWG		210mm	0.52Kg
HSC8 6-4	0.25-6.0mm ² 23-10 AWG		175mm	0.36Kg



HSC8 6-4



HSC8 16-6

Item NO.	Capacity	Crimping Profile	Length	Weight
HSC8 16-6	6.0-16.0mm ² 10-5 AWG		210mm	0.52Kg
HSC8 6-6	0.25-6.0mm ² 23-10 AWG		175mm	0.36Kg



HSC8 6-6

AM 6-4 / AM 6-6

PNEUMATIC CRIMPER FOR END SLEEVES

- Hexagonal / Square crimping mould performs flexible crimp connection to tubular insulated terminals and end sleeves
- Driven by dual-action normal cylinder, which has advantages of high efficiency and quality in crimping force and speed



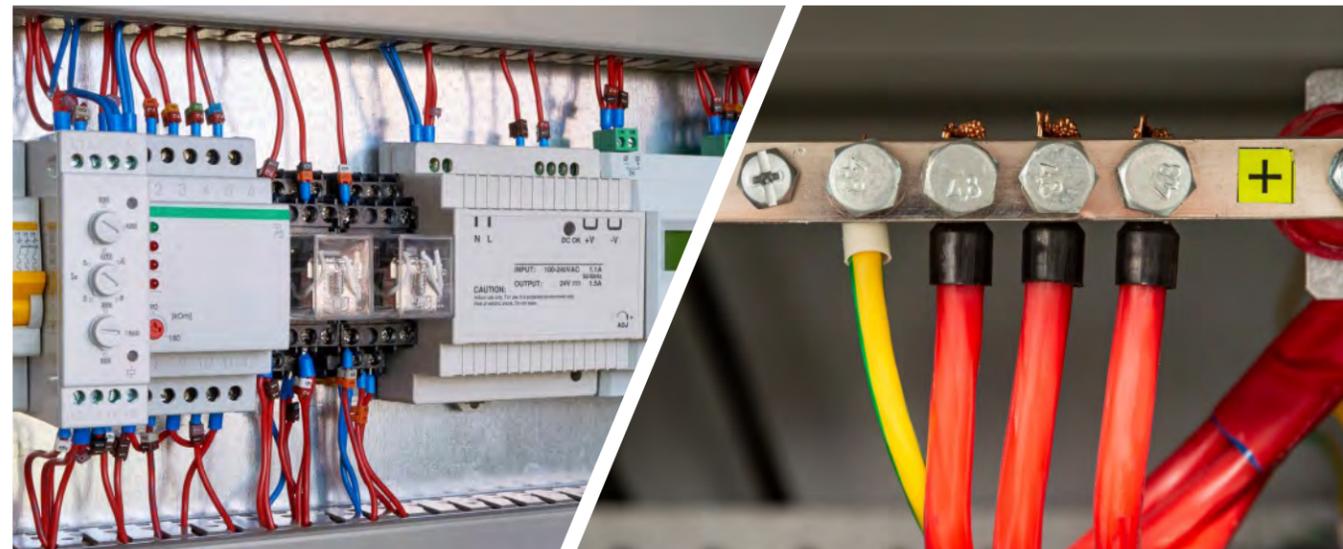
The square crimping allows better contact. The hexagonal crimping comes very close to the space-saving round shape. Compared with the square crimping, it has the same cross-section and can make optimum contact in narrow round terminal connectors. With both crimping shapes the often tricky feeding into the terminal connection is no longer necessary.



AM 6-4



AM 6-6



Item NO.	Capacity	Crimping Profile	Crimping Type	Air Pressure	Output Force	Dimensions	Weight
AM 6-4	0.25-6.0mm ² 24-10 AWG		Square	0.4-1.0 MPA	13.5KN	260mm*120mm*140mm	5.0Kg
AM 6-6	0.25-6.0mm ² 24-10 AWG		Hexagonal	0.4-1.0 MPA	13.5KN	260mm*120mm*140mm	5.0Kg

PZ SERIES CRIMPING TOOL

CRIMPER FOR END SLEEVES

- Light and slim design for crimping wire end sleeves
- Easy crimping due to optimised transmission ratio
- Crimping in marked trapezoidal dies for reliable connections between the sleeve and the conductor



Item NO.	Capacity	Crimping Profile	Length	Weight
PZ 0.5-2.5	0.25-2.5mm ² 24-14 AWG		140mm	0.112Kg
PZ 1.5-6	1.5-6.0mm ² 16-10 AWG		140mm	0.112Kg
PZ 0.5-16	0.5-16.0mm ² 20-6 AWG		220mm	0.25Kg
PZ 10-35	10.0-35.0mm ² 8-2 AWG		220mm	0.25Kg



PZ 0.5-2.5



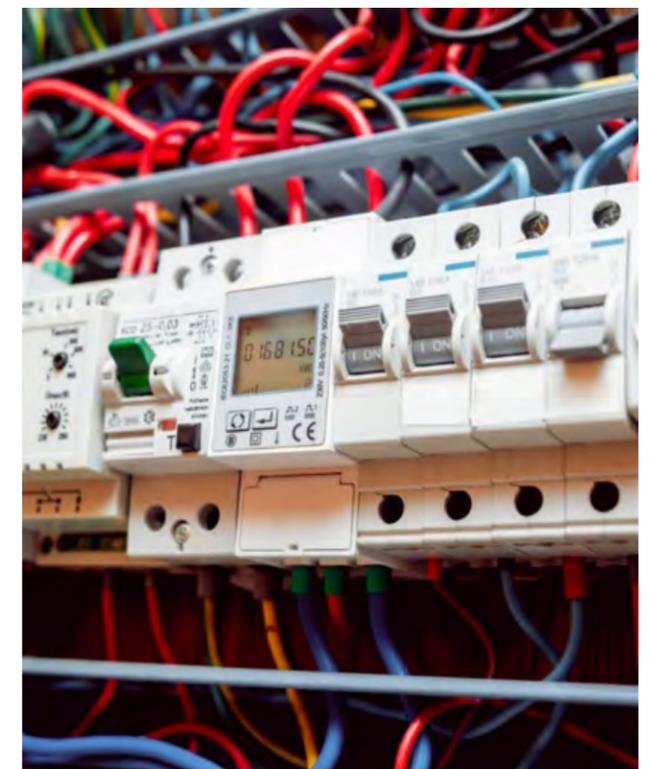
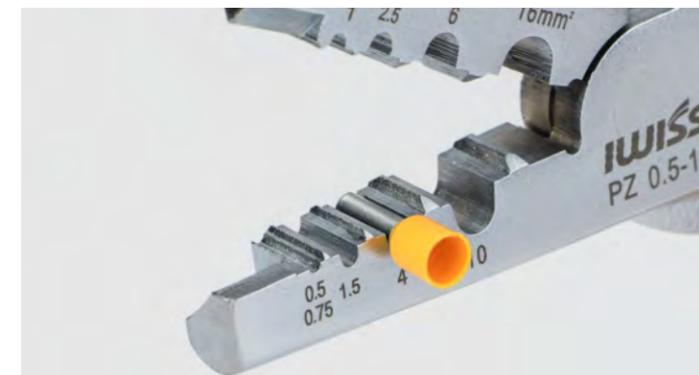
PZ 1.5-6



PZ 0.5-16



PZ 10-35

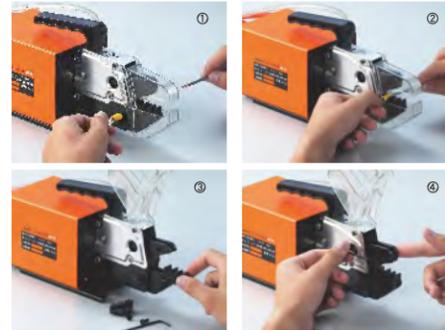


AM-10

PNEUMATIC CRIMPER



The machine is driven by dual-action normal cylinder, which has advantages of high efficiency and quality in crimping force and speed. The machine is fit for crimping many kinds of terminals. The die sets are interchangeable with our manual crimping tools. So we can provide you all kinds of die sets for crimping. Accessories: one die set one foot air valve two air pipes.



- (1) Put the terminal in relevant tool mouth firstly.
- (2) Then put the stripped insulated conductor into the terminal, push the foot air valve, loose it after crimping well. the foot air valve, loose it after crimping well.
- (3) Cut off gas supply. Dismount the fix bolts on the clamp with the L spanner.
- (4) Replace a desired clamp and screw down the bolt again.



Crimping die set for selection, see page 016.

Item NO.	Range of Application	Output	Applicable air pressure	Dimension	Weight
AM-10	non-insulated terminals $\leq 16\text{mm}^2$ insulated terminals $\leq 6\text{mm}^2$ cable end-sleeves $\leq 35\text{mm}^2$	13.5KN	0.4~1 Mpa	260×120×140mm	5.0Kg

EM-6B1 / EM-6B2

ELECTRICAL CRIMPER



Type EM-6B2 is an ideal crimper for connection in cabinet. It is applicable for pre-insulated terminal crimping from 0.25mm² to 10mm² and Cu/Al cutting in 7mm. It is supplied with seven kinds of accurate and replaceable die sets. The crimper has high working efficiency and wide application.

The crimper is driven by fixed speed motor so that it owns advantages of high efficiency and high quality not only in crimping force but crimping speed. It is good for terminal crimping in large or medium quantity. If there are a lot of different kinds of terminals to be crimped, this crimper is the best choice.



Crimping die set for selection, see page 016.

Note: The above types and sizes are the standard crimper. If need to be improved or ordered specially, contact with the supplier.

Item NO.	Range of Application	Output	Crimping Time	Volts	Power Consumption	Dimension	Weight
EM-6B1	insulated terminals $\leq 5.5\text{mm}^2$	12.7KN	1.5S (60HZ) 1.8S (50HZ)	AC100-125V	90W	325×265×150mm	18.16Kg
EM-6B2	non-insulated terminals $\leq 16\text{mm}^2$ insulated terminals $\leq 6\text{mm}^2$ cable end-sleeves $\leq 35\text{mm}^2$	12.7KN	1.5S (60HZ) 1.8S (50HZ)	AC200-230V	90W	325×265×150mm	18.16Kg

CRIMPING DIE SET FOR SELECTION

DIE SET OPTIONS

A30J 0.5–6mm ²	A30JC 1.0–6mm ²	A03C 0.5–6mm ²	A-40J 0.25–6mm ²	A06WF2C 0.5–2.5mm ²
A04WFL 0.5–4mm ²	A26TW 2x0.5–6mm ²	A16WF 4–16mm ²	A0616WFL 6,10,16mm ²	A625GFL 6–25mm ²
A35WF 10–35mm ²	A04WF 1.0–6.0mm ²	A0510 0.5–10.0mm ²	A10 1.5–6mm ²	A101 1.5–10mm ²
VA-1510ND 1.5–10mm ²	A1016 0.5–16mm ²	A5516 5.5–16mm ²	A03B 1.5–6mm ²	A05FL / A-FL 4.8–6.3mm ² /4.8mm ²
A07FL 1.25–2.5mm ²	A1HK 2mm/2.2mm/2.4mm ²	A2HK 0.5–4mm ²	A3HK 4–10mm ²	A1050 10A–50A
A02H 6.5mm/5.4mm 1.7mm	A02H2 8.0mm/6.4mm 1.7mm/1.0mm	A05H 4.5mm/6.5mm/7.0mm 1.7mm/1.0mm	A02H1 8.8mm/8.1mm 6.5mm	A457 5.4mm/8.0mm 11.0mm ²

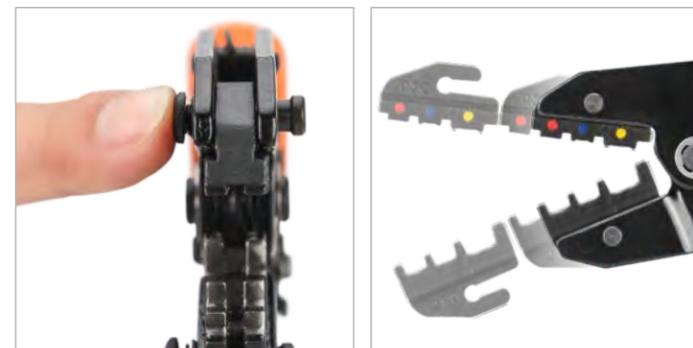


KIT-0535

QUICK EXCHANGE RATCHET TOOLSET

- 8 pcs included quick exchange jaw toolset: 1 ratcheting crimper, 1 wire cutter&stripper, 6 quick exchange jaws
- Well polished jaw and ratchet mechanism ensure high-quality crimping effect after repeat crimp
- Effortless to crimp due to best handle grasping position and comfortable grip made of TPR with non-slip texture
- Apply to heat shrink, open barrel, insulated and non-insulated ferrules, non-insulated terminals, OT&UT terminals

QUICK TO CHANGE JAWS



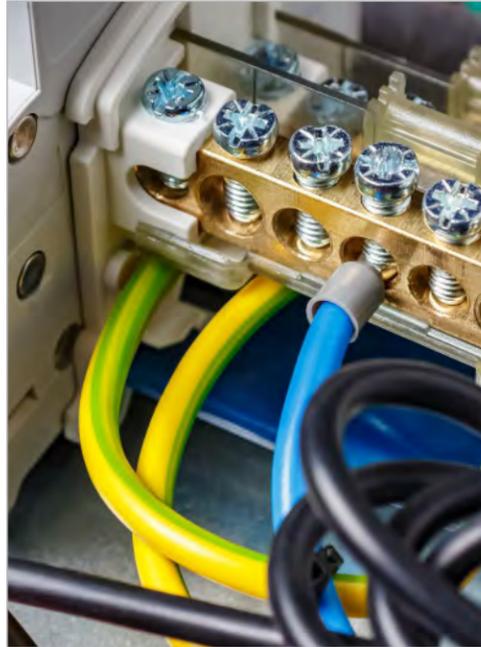
KIT-0535

Item NO.	Die set	Die Set's Craft	Capacity	Crimping Profile	Application
A-03C		CASTING	0.5-6.0mm ² 20-10 AWG		
A-125		CASTING	0.5-6.0mm ² 22-10 AWG		
10WF		CASTING	0.5-10.0mm ² 20-8 AWG		
A-10N		CASTING	0.5-10.0mm ² 20-8 AWG		
A-04B		CASTING	0.5-6.0mm ² 20-10 AWG		
A-35WF		CASTING	6.0-35.0mm ² 8-2 AWG		

SN-QC

QUICK EXCHANGE RATCHET TOOLSET

- 7 pcs included quick exchange jaw toolset: 1 ratcheting crimper, 1 wire cutter&stripper, 5 quick exchange jaws
- Compact, low-weight construction
- Good anti-corrosion performance ensure long service life
- Apply to insulated& non-insulated terminals, Molex connectors, barrel connectors and end-sleeve ferrules

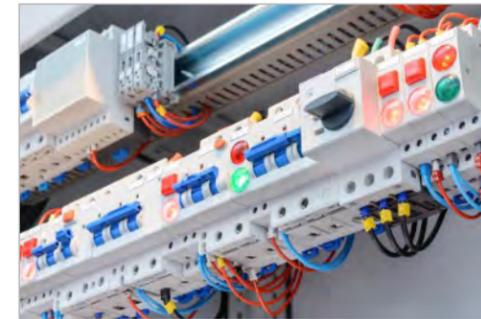


SN-QC

IWS-30J KIT

RATCHET CRIMPING TOOLSET

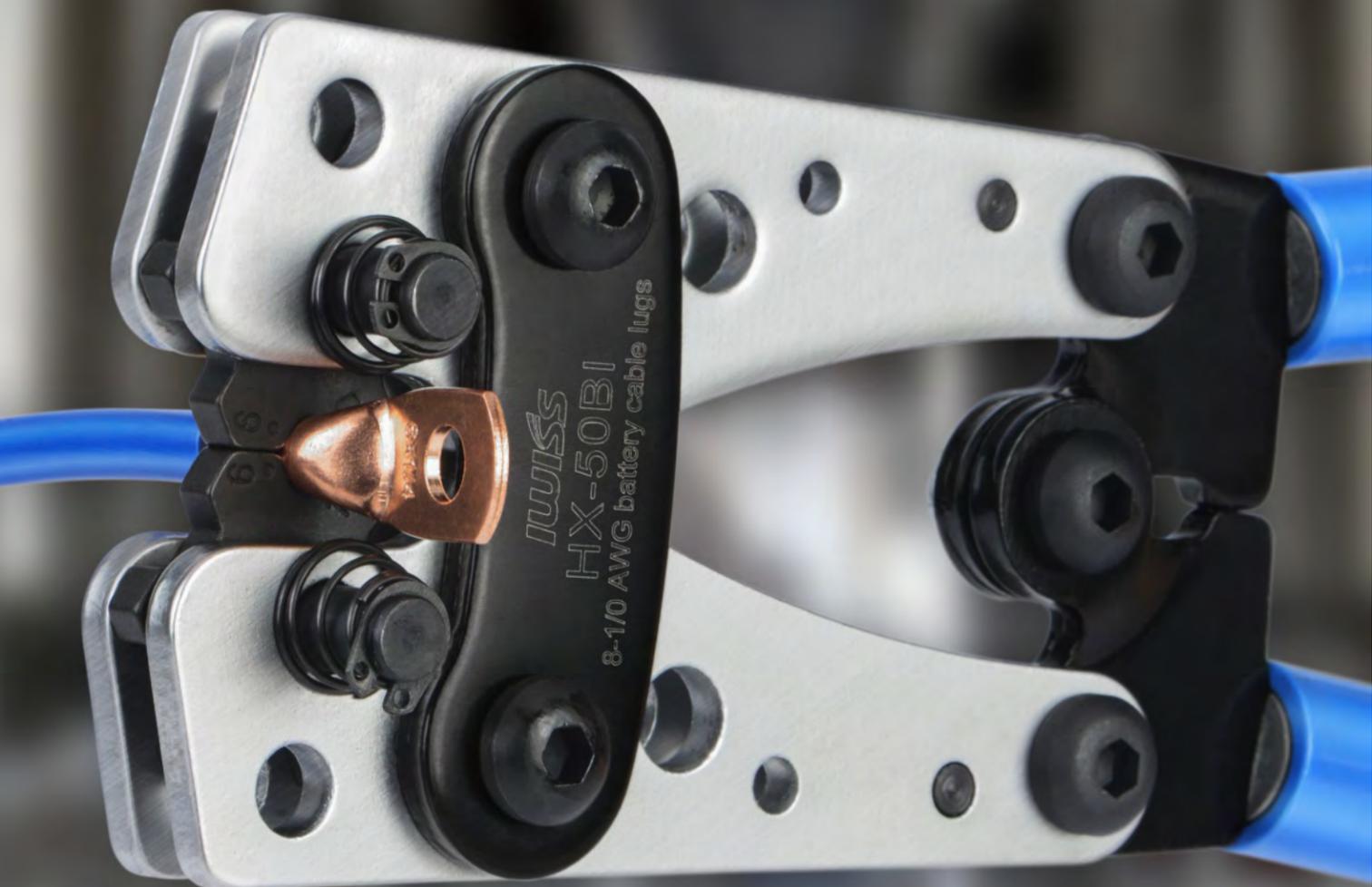
- 8pcs included ratchet toolset: 1 ratcheting crimper, 1 wire cutter&stripper, 5 exchange jaws and 1 screwdriver
- Designed with automatic release mechanism to keep a high quality crimping standard under repeat crimping
- High quality professional crimper with self-adjustable ratchet mechanism for easy operation



IWS-30J KIT

Item NO.	Die set	Die Set's Craft	Capacity	Criming Profile	Application
A-2546B		CASTING	2.5/4/6mm ² 14-10 AWG		
A-02C		CASTING	0.25-2.5mm ² 24-14 AWG		
AX-6		CASTING	0.5-6.0mm ² 20-10 AWG		
A-48B		CASTING	0.14-1.5mm ² 26-26 AWG		
A-06WF		CASTING	0.25-6.0mm ² 24-10 AWG		

Item NO.	Die set	Die Set's Craft	Capacity	Criming Profile	Application
A-30J		CASTING	0.5-6.0mm ² 20-10 AWG		
A-35WF		CASTING	10.0-35.0mm ² 8-2 AWG		
A-26TW		CASTING	2*0.5-6.0mm ² 2*20-10 AWG		
A-10		CASTING	1.5-6.0mm ² 16-10 AWG		
A-03BC		CASTING	0.5-6.0mm ² 20-10 AWG		



HX SERIES CRIMPING TOOL

CRIMPER FOR BATTERY CABLE LUGS

- Rotatable die offers proper crimping setting for different sizes
- Made of SCM-40 hardened steel for a durable service life
- High precision jaw ensure solid compressions
- Ergonomic non-slip guards for easy handling and control



Press the rotatable die to select proper die setting

Item NO.	Capacity	Crimping Profile	Length	Weight
HX-50B	6.0-50.0mm ²		400mm	1.58Kg
HX-50BI	8-1/0 AWG		400mm	1.58Kg
HX-120B	10-120mm ²		620mm	4.0Kg



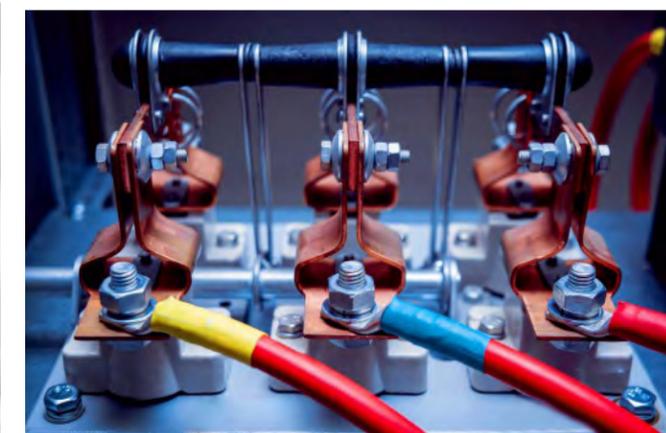
HX-50B



HX-50BI



HX-120B





IWS-1040S / IWS-0801C

CRIMPER FOR BATTERY CABLE LUGS

- No switching required for different size crimping
- Made of SCM-40 hardened steel for a durable service life
- Polished & tempered dies ensure accurate & solid compression
- Brings hexagonal crimping profile for battery cable lugs
- Long handle with non-slip grips bring extra mechanical advantage



IWS-1040S



IWS-0801C

Item NO.	Capacity	Crimping Profile	Length	Weight
IWS-1040S	1/0-4/0 AWG		410mm	1.2Kg
IWS-0801C	8-1 AWG		410mm	1.2Kg



IWS-1040DTS / IWS-0801DTS

BENCH MOUNTED CRIMPER FOR BATTERY CABLE LUGS



Item NO.	Capacity	Crimping Profile	Length	Weight
IWS-1040DTS	1/0-4/0 AWG		310mm	2.15Kg
IWS-0801DTS	8-1 AWG		310mm	2.17Kg



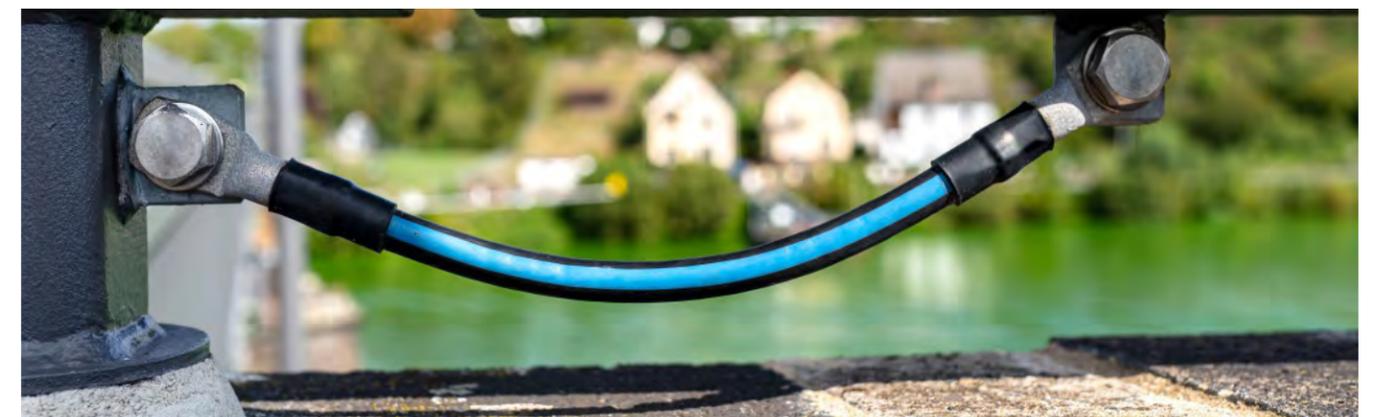
Adjustable crimping force



Well-polished jaws no adjustment required



Ergonomic grips reduce hand fatigue

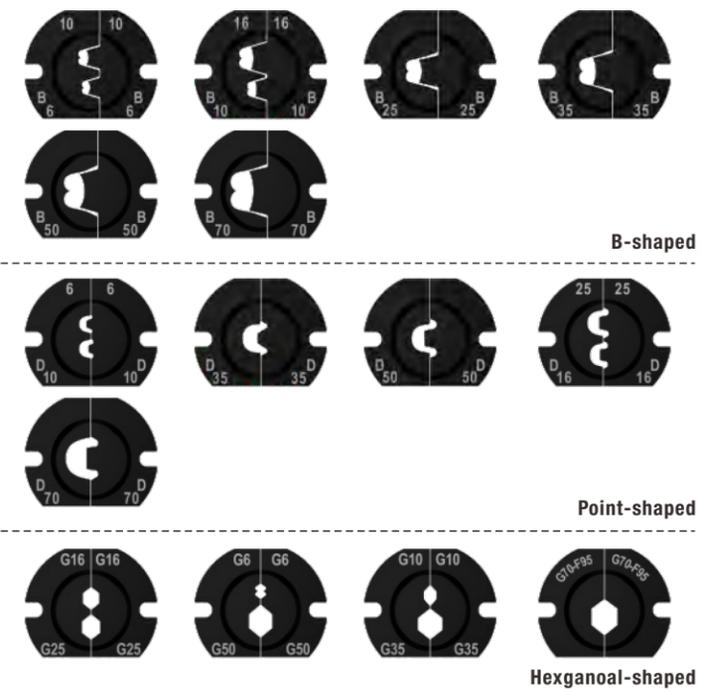




IWS-70DT-B / IWS-70DT-P / IWS-70DT-H

BENCH MOUNTED CRIMPER FOR BATTERY CABLE LUGS

- For 6-70mm² battery cable lugs crimping
- Exchangeable jaws for size switching
- Designed to exceed tensile strength requirements
- Hexagonal, Point and B-shaped crimping profile provided
- Extra long handle for maximum leverage and superior mechanical advantage



Item NO.	Capacity	Crimping Profile	Dimensions	Weight
IWS-70DT-B	6-70mm ²		52.5*14.5mm*19.5mm	5.55Kg
IWS-70DT-D	6-70mm ²		52.5*14.5mm*19.5mm	5.34Kg
IWS-70DT-H	6-70mm ²		52.5*14.5mm*19.5mm	5.08Kg

QUICK&EASY TO INSTALL AND DISASSEMBLE JAWS



Bench mounted for multiple wiring harness assembly



Precision machined crimping cavities



Ergonomic cushioned grip remains comfortable

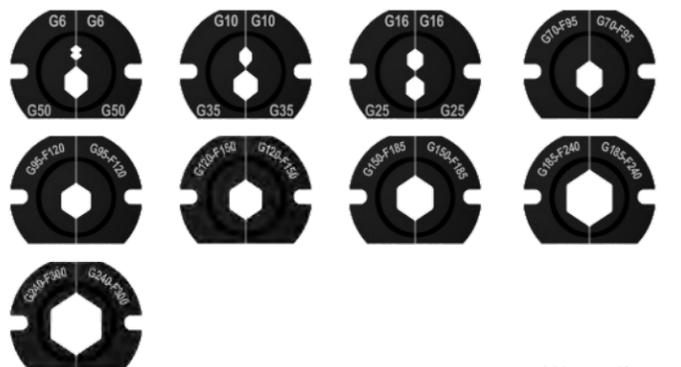
AM-70 / AM-240

PNEUMATIC CRIMPER FOR BATTERY CABLE LUGS

- Pneumatic crimping machine for battery cable lugs
- With default hexagonal crimping profile die sets
- PU tubing and foot control switch included



AM-70 die sets



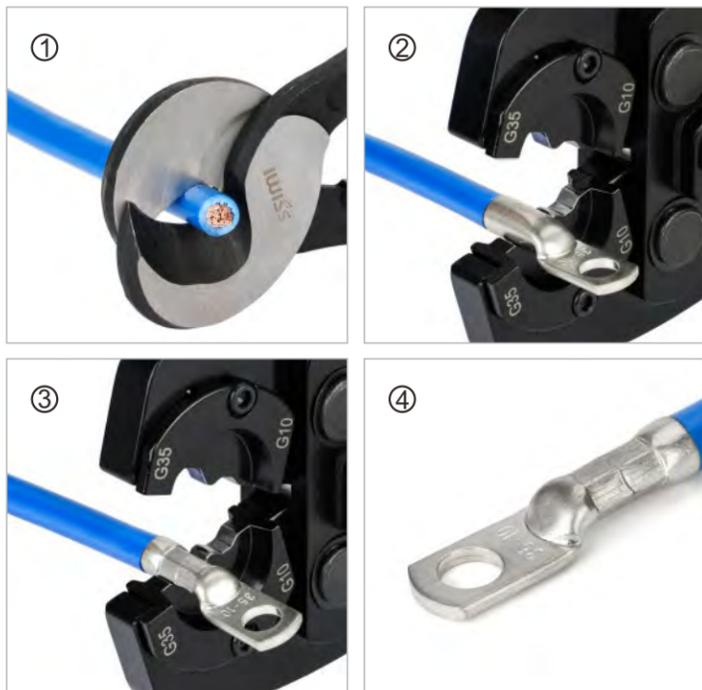
AM-240 die sets



AM-70



AM-240



Item NO.	Capacity	Crimping Profile	Air Pressure	Crimping Force	Dimensions	Weight
AM-70	6-70mm ²		0.7-0.95 MPA	6T	500mm*200mm*150mm	14.0Kg
AM-240	6-240mm ²		0.7-0.95 MPA	10T	550mm*200mm*200mm	22.0Kg



IWS-6 / IWS-8 / IWS-16 / IWS-38

RATCHET CRIMPER FOR NON-INSULATED TERMINALS

- For non-insulated terminals
- Durable dies made of chrome-molybdenum steel
- Color size engraved jaws improve work efficiency
- Precision ratchet mechanism hold terminals stably
- Elastomer grips fit comfortably in the hand



Item NO.	Capacity	Criming Profile	Length	Weight
IWS-6	1.25/2/6mm ²		172mm	0.27Kg
IWS-8	1.25/2/6/8mm ²		235mm	0.43Kg
IWS-16	1.25/2/6/8/14mm ²		245mm	0.44Kg
IWS-38	8/14/22/38mm ²		335mm	0.75Kg



IWS-6



IWS-8



IWS-16



IWS-38



CT-38 / CT-80 / CT-150

HEAVY DUTY CRIMPER FOR NON-INSULATED TERMINALS

- Rotatable die offers proper crimping setting for different size
- Made of SCM-40 hardened steel for a durable service life
- High precision jaw ensure solid compressions
- Ergonomic non-slip guards for easy handling and control
- Long handle provide maximum leverage

Item NO.	Capacity	Criming Profile	Length	Weight
CT-38	8-38mm ²		570mm	2.2Kg
CT-80	8-80mm ²		635mm	3.2Kg
CT-150	16-150mm ²		765mm	5.2Kg



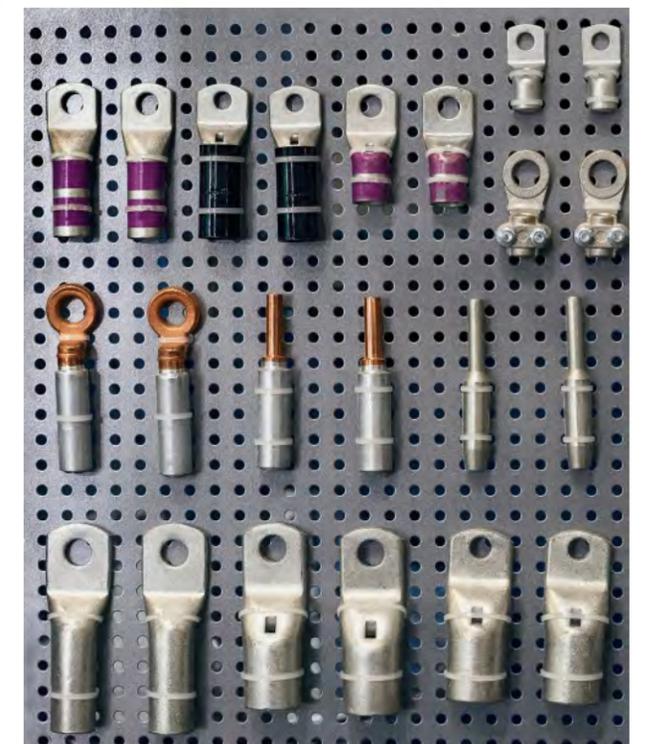
CT-38



CT-80



CT-150



IWS-0670C / IWS-0840

CRIMPER FOR BATTERY CABLE LUGS

- Intensive indent crimping profile
- Constructed of high-quality carbon steel
- Crimp multi-size solderless copper and aluminium battery lugs
- Cut wire in seconds with sharp blade
- Brings solid and trustable electrical connection



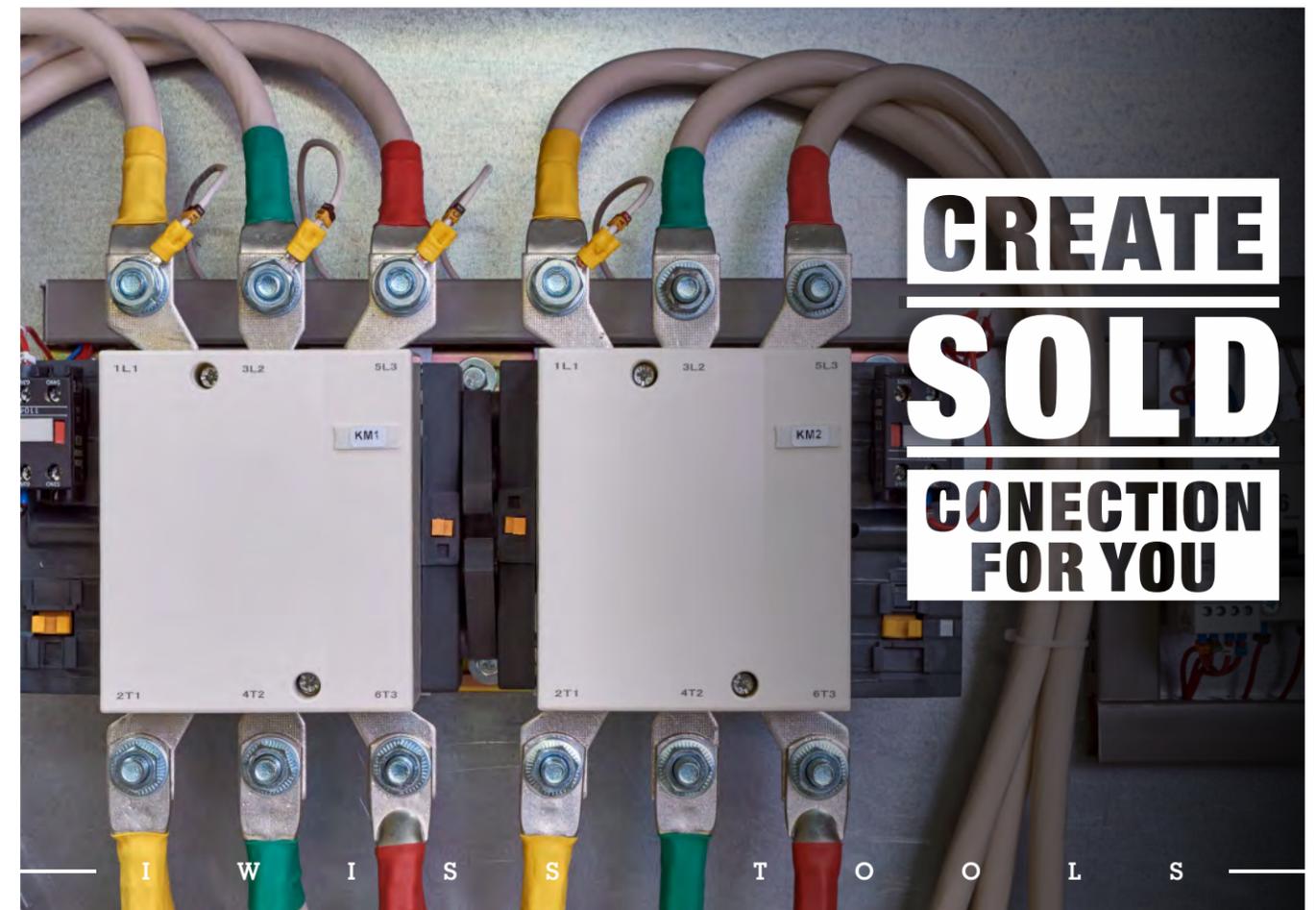
Item NO.	Capacity	Criming Profile	Length	Weight
IWS-0840	8-4/0 AWG		400mm	1.32Kg
	#8 #6 #4 #2 #1 1/0 2/0 3/0 4/0			
IWS-0670C	6-70mm ²		400mm	1.32Kg
	6 10 16 25 35 50 70			



CALIBRATOR

for adjusting the diameter of the cavity applied to different wire sizes

Position the calibrator according to the wire size you wish to crimp and rotate the bolt until the calibrator is fixed.



IWS-5100A / IWS-8200A / IWS-25500A

CRIMPER FOR OT LUGS

- Wire EDM cutting processed jaws
- 5 tight rivet joints mechanical structure design
- Long handle brings extra mechanical advantage
- For open barrel lug, lead-free OEM battery terminals



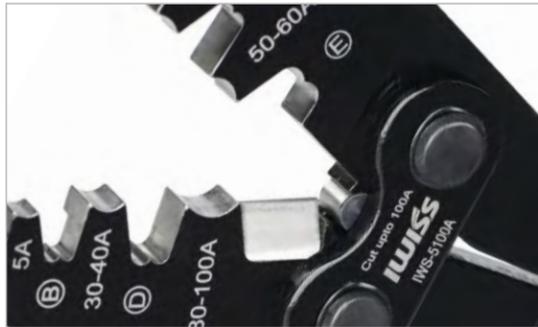
IWS-5100A



IWS-8200A



IWS-25500A



Item NO.	Capacity	Criming Profile	Cutting Function	Length	Weight
IWS-5100A	5-100A 16-4 AWG		✓	381mm	1.23Kg
IWS-8200A	80-200A 5-2 AWG		✓	381mm	1.23Kg
IWS-25500A	250-500A 1/0-4/0 AWG		✗	610mm	2.42Kg



IWS-5100DT / IWS-8200DT / IWS-25500DT

BENCH MOUNTED CRIMPER FOR OT LUGS



IWS-5100DT



IWS-8200DT



IWS-25500DT

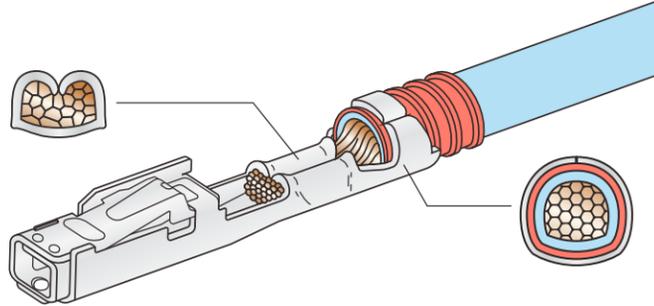
Item NO.	Capacity	Criming Profile	Extended Handle	Dimensions	Weight
IWS-5100DT	5-100A 16-4 AWG		✗	52.5*14.5mm*19.5mm	3.82Kg
IWS-8200DT	80-200A 5-2 AWG		✗	52.5*14.5mm*19.5mm	3.82Kg
IWS-25500DT	250-500A 1/0-4/0 AWG		✓	52.5*14.5mm*19.5mm	5.10Kg



IWS-1424B

CRIMPER FOR WEATHER PACK TERMINAS

- Five cavities perform "B" and "O" type compression
- Compact, low-cost parallel jaw design eliminates terminal rocking
- Constructed of high-quality steel with a black oxide coating
- TPR handle grips for easy operation



Item NO.	Capacity	Criming Profile	Length	Weight
IWS-1424B	0.2-2.0mm ² 24-14 AWG		195mm	0.30Kg



IWS-1424B

Weather Pack Connectors are designed to be compatible with many vehicles on the road today. Because of their high performance and environmental design, Weather Pack connectors are great for engine compartments.



IWS-1424BN

CRIMPER FOR WEATHER PACK TERMINAS

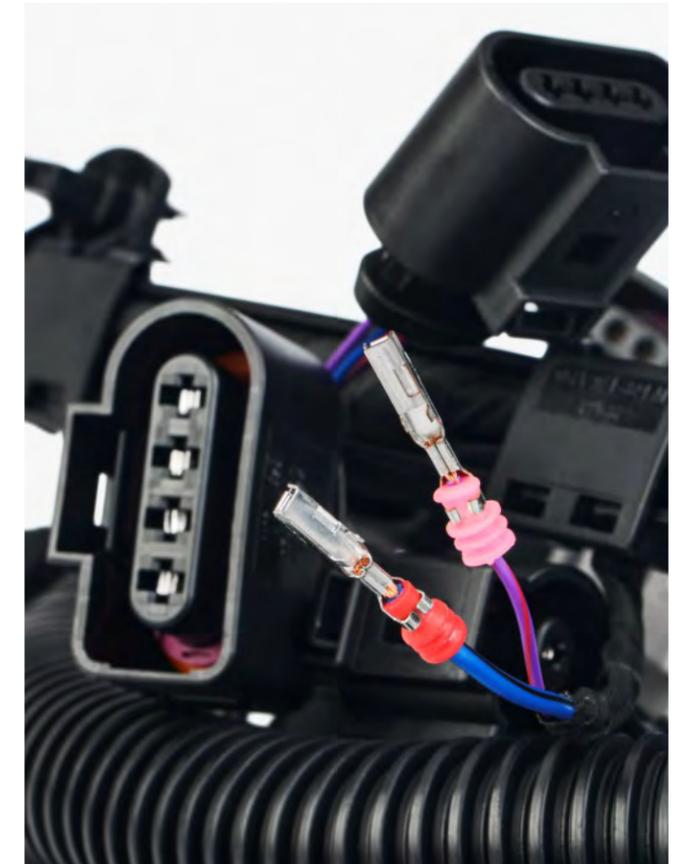
- Well polished die set ensure smooth crimp
- Crimp terminals and seals simultaneously
- Built-in locator orients terminal for easy one step crimping
- Ratcheting mechanism makes the same quality crimp everytime



Item NO.	Capacity	Criming Profile	Length	Weight
IWS-1424BN	0.14-2.0mm ² 24-14 AWG		215mm	0.65Kg



IWS-1424BN



IWS-3220M

RATCHET CRIMPER FOR MICRO OPEN BARRELS

- Wire EDM Cutting processed jaws
- Ideal for narrow-pitch connector pins
- Double layer die set crimps conductor and insulation simultaneously
- Parallel crimping performance to satisfy stability and pressure equality of small connectors
- Repetitive, high crimping quality due to precision dies and integral lock (self-releasing mechanism)

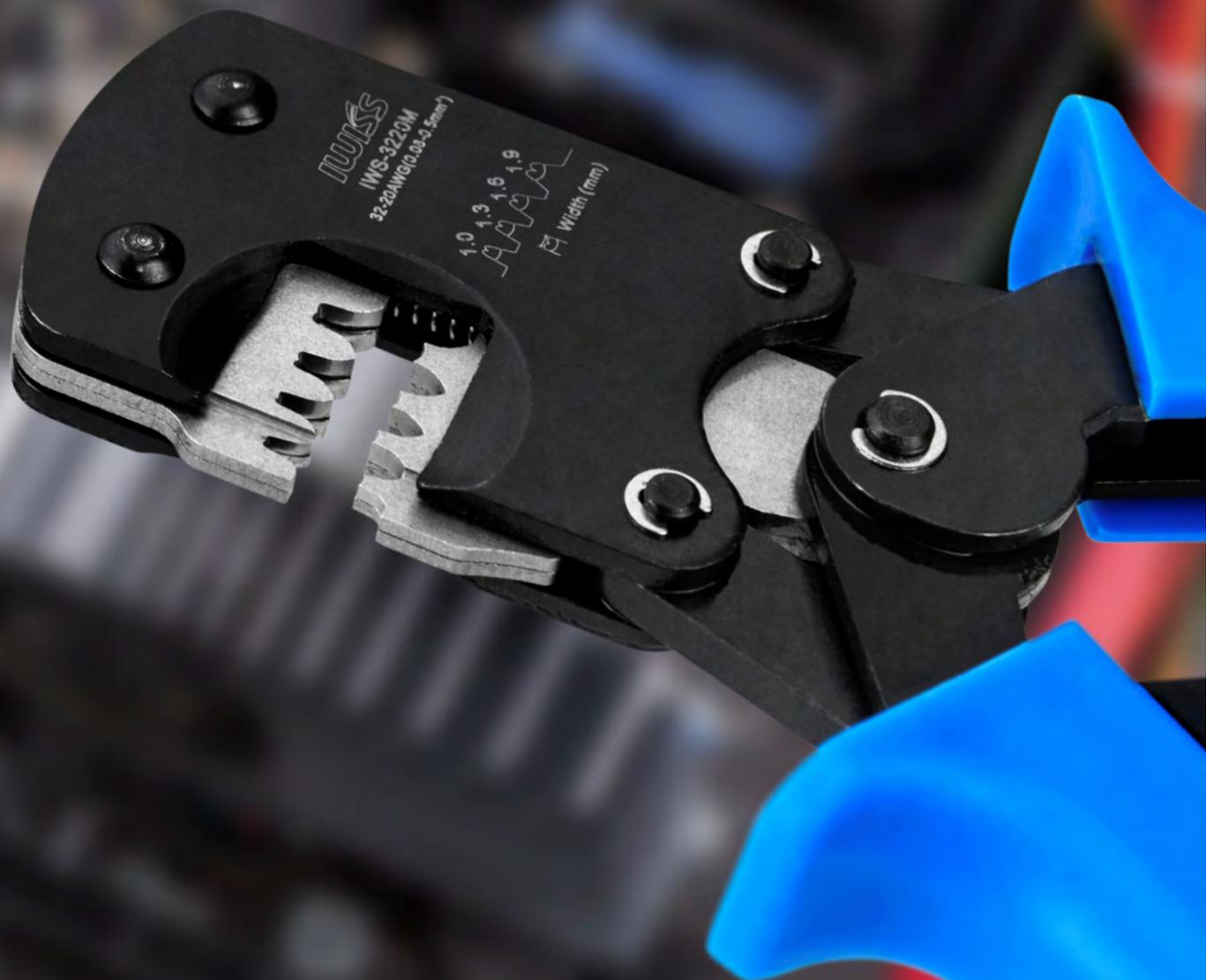
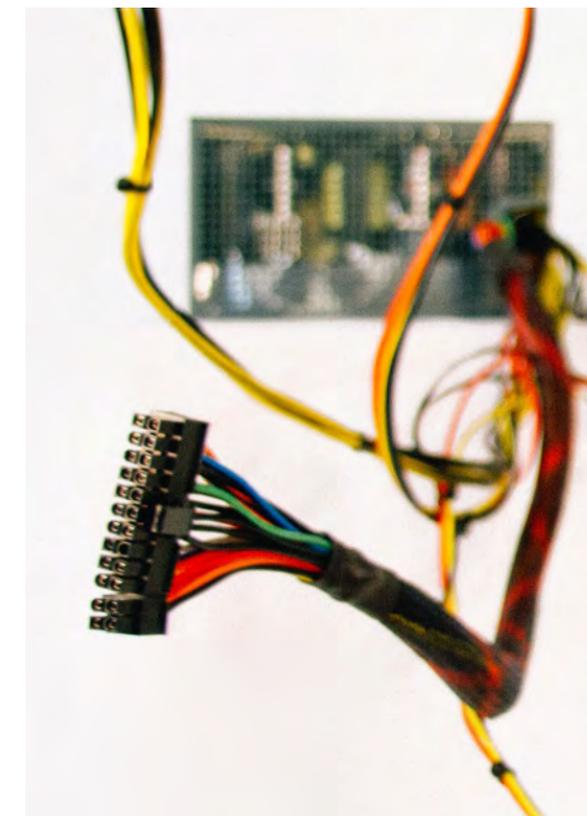


IWS-3220M

Item NO.	Capacity	Crimping Profile	Length	Weight
IWS-3220M	0.08-0.5mm ² 32-20 AWG		195mm	0.3Kg



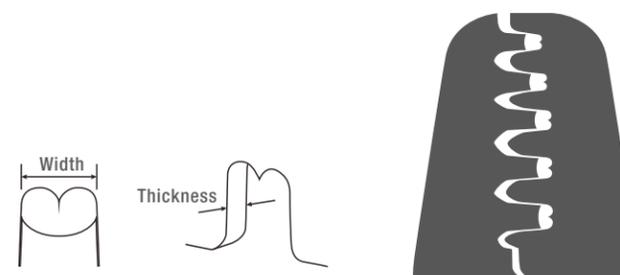
Die	Width (mm)	1.0	1.3	1.6	1.9
	Height (mm)	0.50	0.55	0.80	0.90
	Thickness (mm)	2.6	4.0		
Applicable wire size	AWG Conductors	#32~#28	#28~#24	#24~#22	#24~#20
	Ømm	0.20~0.32	0.32~0.51	0.51~0.64	0.51~0.81
	mm ²	0.03~0.08	0.08~0.21	0.21~0.33	0.21~0.52



IWS-2412M / IWS-2820M

CRIMPER FOR MICRO OPEN BARRELS

- Mini micro open barrel crimping tools
- For JAM, Molex, Tyco, JST, Hirose terminals
- Ultra-precise jaws ensure excellent and accurate crimps
- Double-hinge mechanism that keeps the jaws parallel for a straight crimping engagement



IWS-2412M



IWS-2820M

Model	IWS-2820M					
Die Width (mm)	0.7	1.0	1.3	1.6	1.9	2.2
Die Thickness (mm)	1.1		1.6		2.1	

Model	IWS-2412M				
Die Width (mm)	2.2	2.5	2.8	3.1	3.4
Die Thickness (mm)	2.1	2.55		2.95	



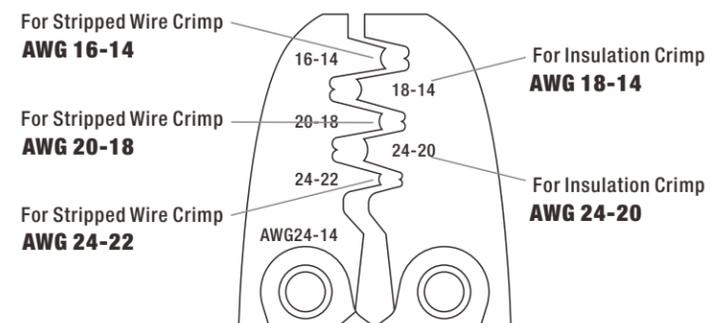
Item NO.	Capacity	Criming Profile	Crimping Tool Material	Grip Material	Length	Weight
IWS-2820M	0.08-0.5mm ² 28-20 AWG		Carbon Steel with Black oxide	PP+TPR	180mm	0.39Kg
IWS-2412M	0.21-3.31mm ² 24-12 AWG		Carbon Steel with Black oxide	PP+TPR	180mm	0.39Kg



IWS-1424A

CRIMPER FOR MICRO OPEN BARRELS

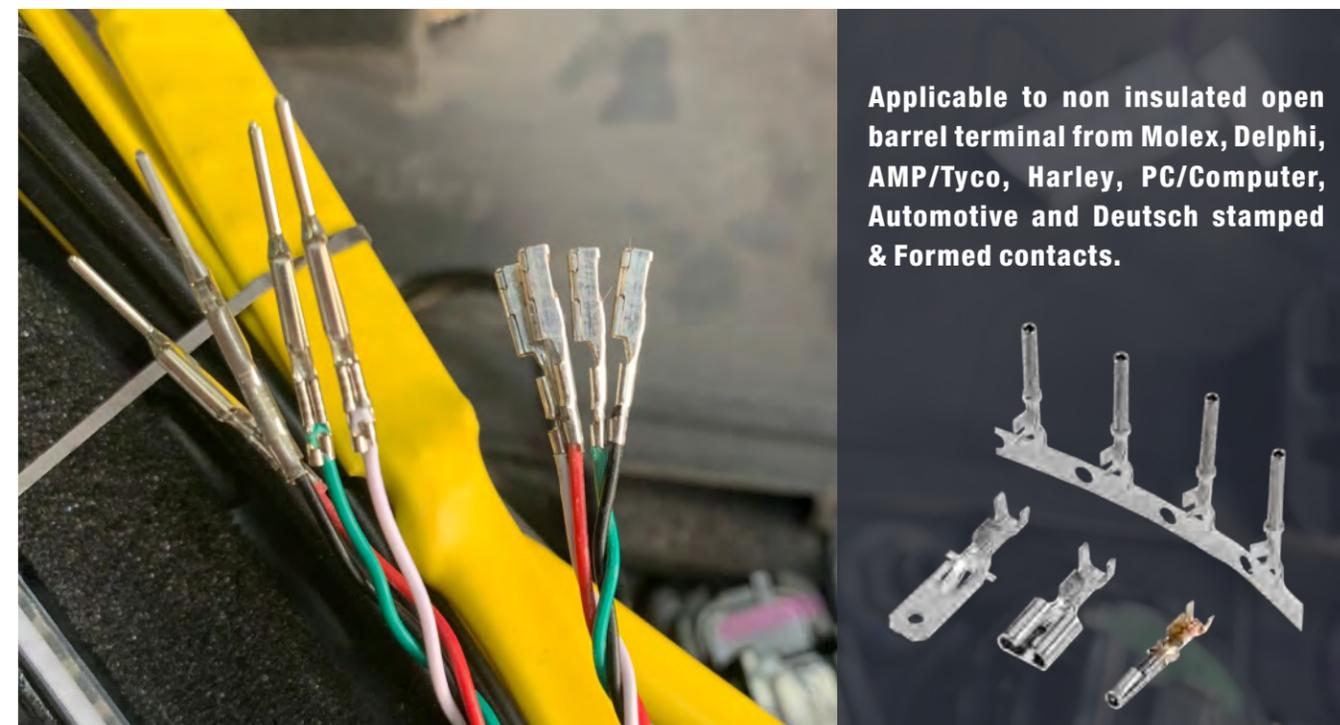
- Five cavities perform "B" type conductor for open barrel non insulated terminals
- Equivalent to Delphi/Packard 12085271 and/or SPX Kent Moore J-38125-7 crimper
- Hinged mechanism keeps the jaws parallel for a straight crimping engagement
- Comfortable rubber handle grips make it easy to use and easy to clean up
- Comfortable non-slip grip ensures less user fatigue and more productivity



Item NO.	Capacity	Criming Profile	Length	Weight
IWS-1424A	0.2-2.0mm ² 24-14 AWG		195mm	0.3Kg



IWS-1424A

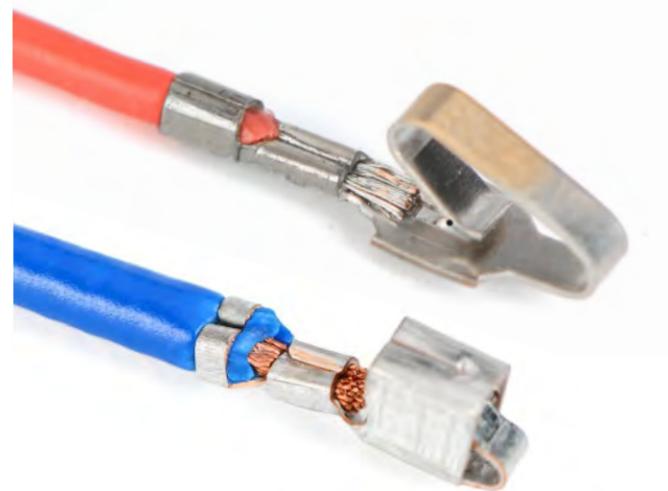


Applicable to non insulated open barrel terminal from Molex, Delphi, AMP/Tyco, Harley, PC/Computer, Automotive and Deutsch stamped & Formed contacts.

IWS-1442L

RATCHET CRIMPER FOR OPEN BARRELS

- 15 various-sized dies for a wide range of open barrel terminal sizes from AWG 30 to 14, applicable to JST, Molex, TE, JAR, HRS pins
- Wire EDM cutting processed jaws with smooth polished bring accurate crimping on both the conductor and the insulation
- Firm ratcheting design ensure a quick release and lock, functional and convenient to operate, especially for momentarily pocketing the tool between crimps
- Blackening treatment with good anti-rusting performance brings a long service life
- Ergonomic grip made of TPR with skid resistance texture, comfortable to do small wire crimping which requires concentration



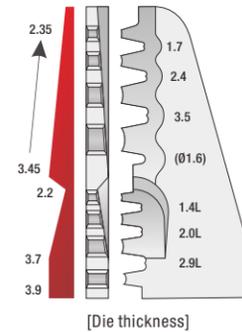
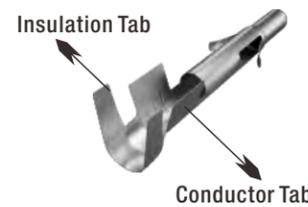
IWS-1442L



**COMPACT DESIGN
EASY TO OPERATE**

Item NO.	Capacity	Crimping Profile	Length	Weight
IWS-1442L	0.05-2.0mm ² 30-14 AWG		205mm	0.3Kg

Die thickness is related to the width of the insulation tab & conductor tab, please refer to the drawing on the right.



JAW PARAMETERS

	Nominal sizes	Die width mm	Crimp height mm	Compatible wire sizes (reference)	
				AWG#	mm ²
For conductor	1.2	1.2	0.4	30 to 24	0.05 to 0.2
	1.4L	1.4	0.55	30 to 20	0.05 to 0.5
	1.7L	1.7	0.65	28 to 18	0.08 to 0.8
	2.0L	2.0	0.8	26 to 16	0.13 to 1.25
	2.4L	2.4	1.1	20 to 14	0.5 to 2.0
	2.9L	2.9	1.5	18 to 14	0.8 to 2.0

	Nominal sizes	Die width mm	Crimp height mm	Insulation OD (reference) mm
For insulation	1.4	1.4	1.1	0.7 to 1.2
	1.7	1.7	1.3	0.9 to 1.5
	2.0	2.0	1.35	1.1 to 1.8
	2.4	2.4	1.75	1.3 to 2.2
	2.9	2.9	2	1.6 to 2.6
	3.5	3.5	2.4	1.9 to 3.2
For insulation (for round crimps)	Ø1.6	1.6	1.5	1.0 to 1.6
	Ø2.2	2.2	1.8	1.6 to 2.2





IWISS

SOLAR PV TOOLS

Renewable energy will become progressively more important as time goes on. Convert light to electricity, solar power is an essential part of renewable energy supplies. In the past decades, due to the solar panel system is high-performance and low-carbon, people carried extensive researches and have developed many applications on solar power, the cost of solar electricity is keeping falling. It reduces the use of fossil fuels and solves the issue of families in remote areas with stable and inexpensive electricity.

The return of the photovoltaic system depends much on the number of solar connections. All solar connections must be installed properly and tightly for long-term resistance to extreme weather.

To help people with the solar project, IWISS offers a wide selection of solar tools in single and in kits. Solar tool kit enables professional and efficient work with solar systems. From solar cable cutter to solar connector crimping tools, we keep our commitment to quality work. With help of tool quality and innovative design, our professional hand tools offer possibilities of workflow optimization also in the field of cable prefabrication. Gas-tight, corrosion-proof and weather-resistant crimps help ensure minimal losses and good energy transmission even after years of use.

IWS-2546S

RATCHET CRIMPER FOR MC4/MC3/TYCO CONNECTORS

- IWISS NEW DESIGN ratchet crimper for MC4 solar photovoltaic cables
- Equipped with Wire EDM cutting die set for accurate crimp
- Hardened and durable steel construction promises years of reliable services
- The self-release mechanism ensures a complete crimp
- Compact design and Ergonomic grip reduce working fatigue



IWS-2546S



Built-in locator for MC4 connector



Precise jaws with parallel crimping pressure



Create an accurate crimp

Model			
Application	MC3 Connectors	MC4 Connectors	Tyco Connectors
Locator	—	With locator	—
Crimping Range	2.5/4/6mm ² (14-10 AWG)		4/6mm ² (12-10 AWG)
Length	215mm	215mm	215mm
Weight	0.67Kg	0.67Kg	0.67Kg

LY-2546B

RATCHET CRIMPER FOR MC4 CONNECTORS

- For solar panel PV cable 2.5/4/6mm²
- Creates excellent and super-tight crimp on MC4 connectors
- Ratchet mechanism brings a quality guarantee for repetitive crimp
- High transmission of force to reduce the working fatigue according to lever control



LY-2546B

Item NO.	Capacity	Criming Profile	Length	Weight
LY-2546B	2.5/4/6mm ² 14-10 AWG		220mm	0.5Kg



LA-2546B

WIRE STRIPPER FOR SOLAR PV CABLE

- Reliable stripping of solar cables 2.5- 6.00 mm²
- Convenient recoiling spring design
- Tension loaded wire grip
- Strips and grips in one motion simultaneously
- Precise stripping holes remove insulation without damage



LA-2546B

Item NO.	Capacity	Length	Weight
LA-2546B	2.5/4/6mm ² 14-10 AWG	180mm	0.32Kg

WX-206

WIRE CUTTER FOR SOLAR PV CABLE

- Spring loaded for easy use
- Automatic rebound function
- Carbon steel hardening treatment
- Light weight, compact to carry with

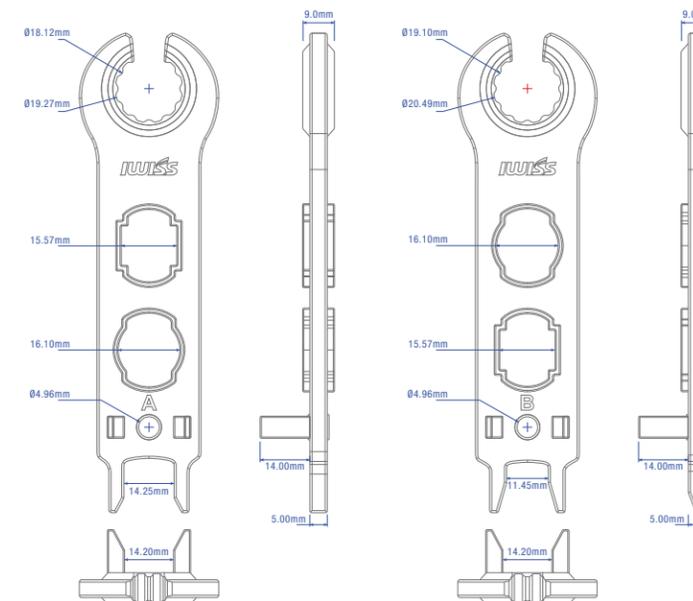


WX-206

Item NO.	Capacity	Length	Weight
WX-206	Up to 24mm ²	165mm	0.12Kg

IWS-ABS

MC4 ASSEMBLE & DISASSEMBLE TOOL

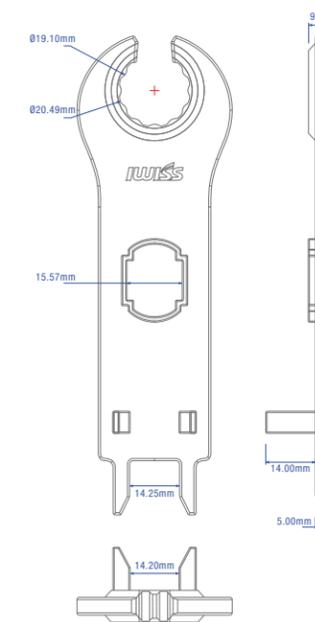


Amphenol type ✓

Renogy type ✗

IWS-AB4

MC4 ASSEMBLE & DISASSEMBLE TOOL



Amphenol type ✓

Renogy type ✗

IWS-2546S-KIT

CRIMPING TOOLSET FOR SOLAR PV PANEL

ITEM INCLUDES

Item NO.	Description	Qty
IWS-2546S	Crimper for 2.5/4/6mm ² (14-10AWG) MC4 connectors with locator	1 PCS
LA-2546B	Wire stripper for 2.5/4/6mm ² (14-10AWG)	1 PCS
WX-206	Wire sutter for upto 10mm dia.	1 PCS
MC4 JAW	For MC4 connectors 2.5/4/6mm ² (14-10AWG)	1 Pair
MC3 JAW	For MC3 connectors 2.5/4/6mm ² (14-10AWG)	1 Pair
TYCO JAW	For TYCO connectors 4/6mm ² (12-10AWG)	1 Pair



IWS-2546S-KIT

LY-2546B-KIT

CRIMPING TOOLSET FOR SOLAR PV PANEL

ITEM INCLUDES

Item NO.	Description	Qty
LY-2546B	Crimper for 2.5/4/6mm ² (14-10AWG) MC4 connectors	1 PCS
LA-2546B	Wire stripper for 2.5/4/6mm ² (14-10AWG)	1 PCS
WX-206	Wire cutter for upto 10mm Dia.	1 PCS
MC4 Spanner	For MC4 connectors assembling and disassembling	1 Pair
MC4 Connector	Male and female	1 Pair
Cross Screwdriver		1 PCS
Stright Screwdriver		1 PCS



LY-2546B-KIT

SN-2546B-KIT

CRIMPING TOOLSET FOR SOLAR PV PANEL

ITEM INCLUDES

Item NO.	Description	Qty
SN-2546B	Crimper for 2.5/4/6mm ² (14-10AWG) MC4 connectors	1 PCS
LA-2546B	Wire stripper for 2.5/4/6mm ² (14-10AWG)	1 PCS
WX-206	Wire cutter for upto 10mm dia.	1 PCS
MC4 Spanner	For MC4 connectors assembling and disassembling	1 Pair
MC4 Connector	Male and female	1 Pair
Straight Screwdriver		1 PCS
Cross Screwdriver		1 PCS



SN-2546B-KIT

IWS-2546B-KIT

CRIMPING TOOLSET FOR SOLAR PV PANEL

ITEM INCLUDES

Item NO.	Description	Qty
IWS-2546B	Crimper for 2.5/4/6mm ² (14-10AWG) MC4 connectors	1 PCS
FSA-0626	Wire stripper for 2.5/4/6mm ² (14-10AWG)	1 PCS
WX-206	Wire cutter for upto 10mm dia.	1 PCS
MC4 Spanner	For MC4 connectors assembling and disassembling	1 Pair
MC4 Connector	Male and female	1 Pair



IWS-2546B-KIT



IWISS

DEUTSCH & HEAVY DUTY CRIMPING TOOLS

Deutsch connectors and Heavy Duty Connectors (HDC) is designed to provide reliable performance in harsh conditions, such as vibration, risk of dust, water, high mechanical strain. Connections with Deutsch or Heavy-duty connectors remain sealed up to a high degree of protection. Attributed to high performance, the connectors now have comprehensive applications in aerospace, defense, marine, industrial commercial transportation.

Different from old style crimping, connections of Deutsch and Heavy-duty connectors require high-precision compression with tight tolerance, usually, it's 4-indent,8-impression. IWISS spent years developing innovative tools to covers the market's requirements. Up to now, IWISS has released several series of crimping tools with characteristics, such as:

- 1. Upgraded structure ensures optimal force-transmission for effortless operations*
- 2. Precise jaw design compliant with military specs, makes perfect and standard crimping every time, no waste of money.*
- 3. Made of premium steel with unique surface treatment, achieve a high degree of durability and resistance to water, corrosion.*

IWD SERIES CRIMPING TOOL

RATCHET CRIMPER FOR DEUTSCH SOLID CONTACTS

- 4 indent/8 impression ratchet crimper
- The upgraded internal structure ensures the stability and power equality on the pins
- High-quality core shafts ensure the durability and long term wearability
- Adjustable crimping force improves adaptability to different contacts
- Applicable to Deutsch and Amphenol closed barrel terminals found on motorcycles, trucks, construction equipment, race cars, agricultural equipment, heavy duty vehicles, and other vehicles and equipment subject to excessive vibration



IWD-12



IWD-16



IWD-20



Item NO.	Contact Size	Crimping Profile	Connector Series	Wire Range	Length	Weight
IWD-12	12		DT	12 AWG	165mm	0.3Kg
IWD-16	16		DTM	14,16,18 AWG	165mm	0.3Kg
IWD-20	20		DTP	20,22 AWG	165mm	0.3Kg

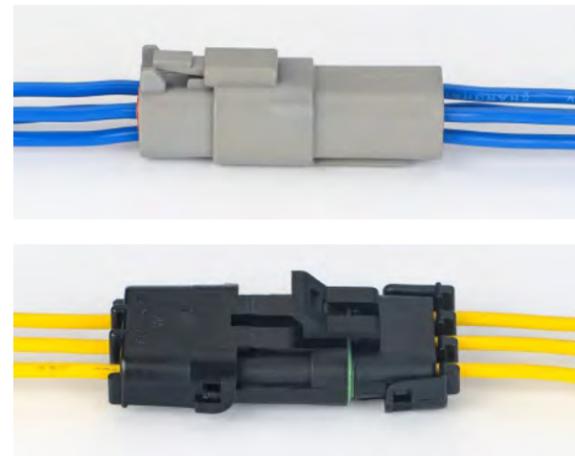
KIT-DC01

DEUTSCH & WEATHER PACK TERMINALS CRIMPING TOOLSET

- 12 pcs toolset applicable to automotive, Heavy Duty, Marine, RV, AG, construction equipment and maintenance industries
- IWD crimpers with upgraded internal structure ensure the stability and power equality on the pins, brings high precision to solid contacts for Deutsch DT,DTP,DTM,DTHD,HD10,HD30,HDP20,DRC,DRB series and Amphenol AT, ATP, ATM, ATD series connectors
- IWC-1424A open barrel crimper with 5 cavities performs B shape conductor for Deutsch stamped & formed contacts and other open barrel terminals
- IWC-1424B Weather Pack crimper with well-polished cavities brings durable connection for Weather Pack and Metric-Pack terminals, meets assembly requirements of automotive harness industry with crimping range AWG24-14
- 5 Deutsch terminal release tools, 1 Weather Pack terminals release tool, and 1 contact and wedgelock removal tool included



KIT-DC01



Item NO.	Capacity	Description	Length	Weight
IWC-1424A	24-14 AWG	for deutsch stamped contacts and open barrel terminals	215mm	0.30Kg
IWC-1424B	24-14 AWG	for weather pack and metric pack terminals	215mm	0.30Kg



IWC-1424A

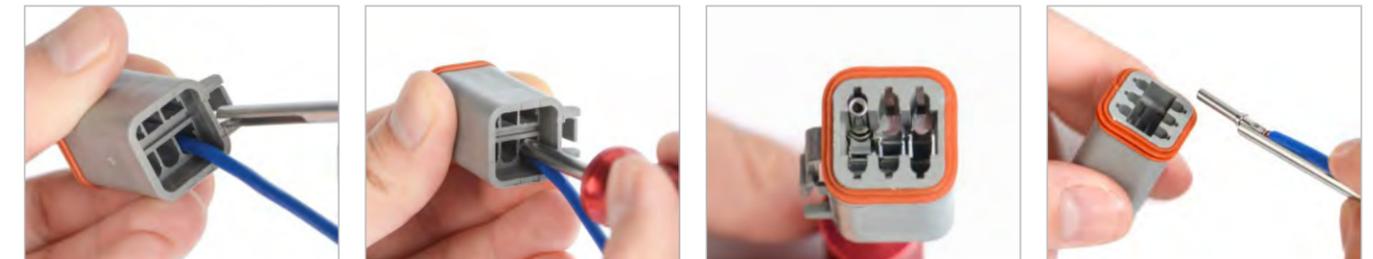


IWC-1424B

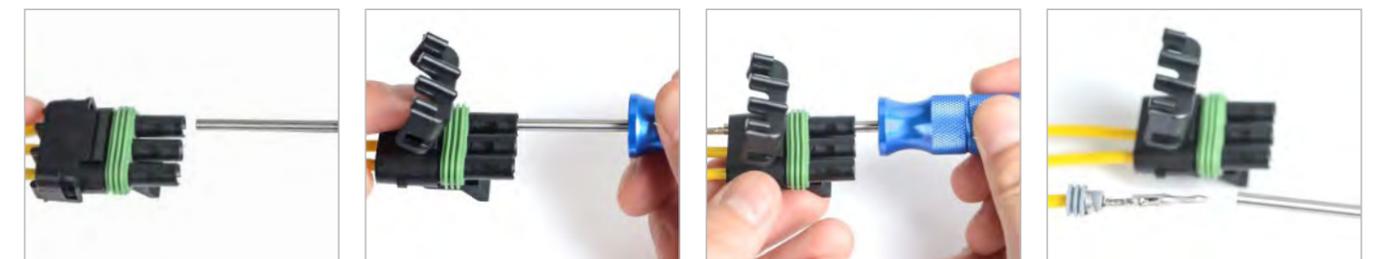


Item NO.	Description
WR01	Release tool for weather pack terminals
DR01	Deutsch terminal release tool for 20-24 gage wire
DR02	Deutsch terminal release tool for 16-18 gage wire
DR03	Deutsch terminal release tool for 14-16 gage wire
DR04	Deutsch terminal release tool for 8 & 10 gage wire
DR05	Terminal release tool for 6 gage wire
ET01	Contact and wedgelock removal tool

DEUTSCH CONTACTS EXTRACTION



WEATHER PACK TERMINALS EXTRACTION



HD-2612

RATCHET CRIMPER FOR HEAVY DUTY CONTACTS

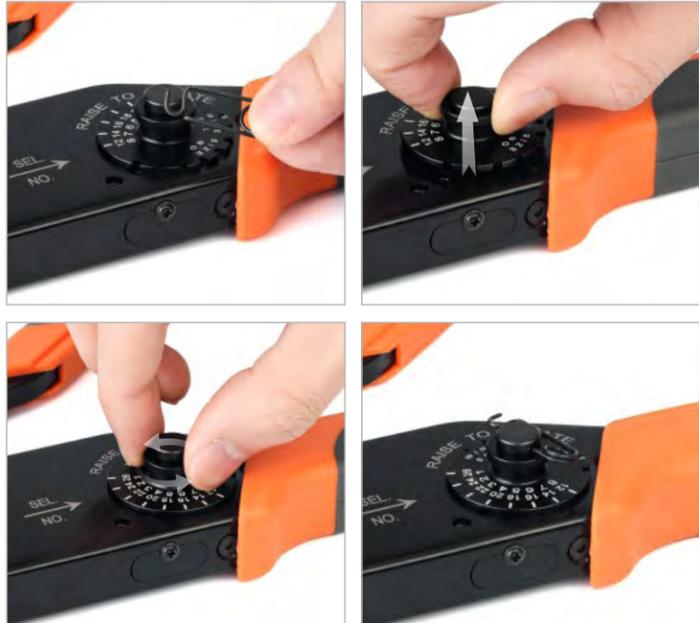
HD-2612, qualified to MIL-DTL-22520/1*, has virtually limitless application within the specified wire range of 12 through 26 AWG. The 8 impression crimp, which is standard in the AFB, assures absolute maximum tensile strength with almost every closed barrel contact. Special indent configurations and gaging are available upon request.

The precision ratchet controls the cycling of the tool in both directions of handle movement. This assures the same accurate crimp every time. It's like having a quality control inspector at every work station. Positive crimp depth is controlled by an 8 position selector knob conveniently located on the tool frame. The operator simply dials the desired step for the wire being used. This setting can be secured by the use of a locking pin or safety wire.

IWISS also develops HD-0812D and HD-3220A indent crimper to satisfy different contacts crimping.



HD-2612



Item NO.	HD-2612	HD-2612D	HD-0812D	HD-3220A
Positioner	✗	✓	✓	✓
Range	0.128-3.33mm ² 26-12 AWG	0.128-3.33mm ² 26-12 AWG	3.33-8.37mm ² 12-8 AWG	0.03-0.52mm ² 32-20 AWG
Length	241mm	241mm	241mm	173mm
Weight	0.7Kg	0.7Kg	0.7Kg	0.4Kg
Crimp Type	8 impression crimp	8 impression crimp	8 impression crimp	8 impression crimp

HD-2612D

RATCHET CRIMPER FOR DETUSCH SOLID CONTACTS

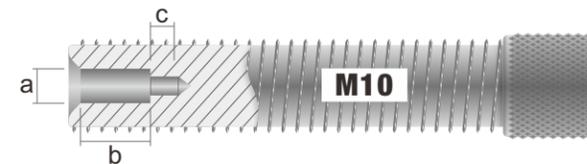
- 4 indent/8 impression ratchet crimper
- Built-in 8 selector numbers to chosen
- Equivalent to DMC AF8, qualified to MIL DTL-22520/1
- 3 Positioners compatible to Deutsch solid contact size 12,16,20
- Ratchet control cycling assure the same accurate crimp every time
- Centripetal motion assures absolute maximum tensile strength with contacts
- Applicable to Deutsch DT, DTP, DTM series connectors widely used in automotive, heavy duty, marine, RV, AG, construction equipment and maintenance industries



HD-2612D



Item NO.	Range	Length	Weight
HD-2612D	0.128-3.33mm ² 26-12 AWG	241mm	0.7Kg



Colour	RED	BLUE	YELLOW
a	0.0787±0.002inch 2.0±0.06mm	0.114±0.002inch 2.90±0.06mm	0.161±0.002inch 4.10±0.06mm
b	0.335±0.004inch 8.5±0.1mm	0.393±0.004inch 10.0±0.1mm	0.393±0.004inch 10.0±0.1mm
c	0.098±0.004inch 2.5±0.1mm	0.079±0.004inch 2.0±0.1mm	0.079±0.004inch 2.0±0.1mm

THREE
ADJUSTABLE POSTIONERS



HD-0812D

RATCHET CRIMPER FOR HEAVY DUTY CONTACTS

- 4 indent/8 impression ratchet crimper
- Cycle controlled precision ratchet assures consistently accurate crimps every time
- Made of high quality carbon steel with rust prevention to ensure a long service life and the grips are wrapped with TPR for a comfortable operation with one hand
- Built-in 8 step selector knob for ease in dialing the correct crimp depth setting for the wire being used
- Applicable to crimp round contacts of MIL standard, Harting, Hardin, Wain, TE connectors for wire size 8 through 12 AWG



HD-0812D



Item NO.	Range	Length	Weight
HD-0812D	3.33-8.37mm ² 12-8 AWG	241mm	0.7Kg



HD-3220A

RATCHET CRIMPER FOR MINIATURE HEAVY DUTY CONTACTS

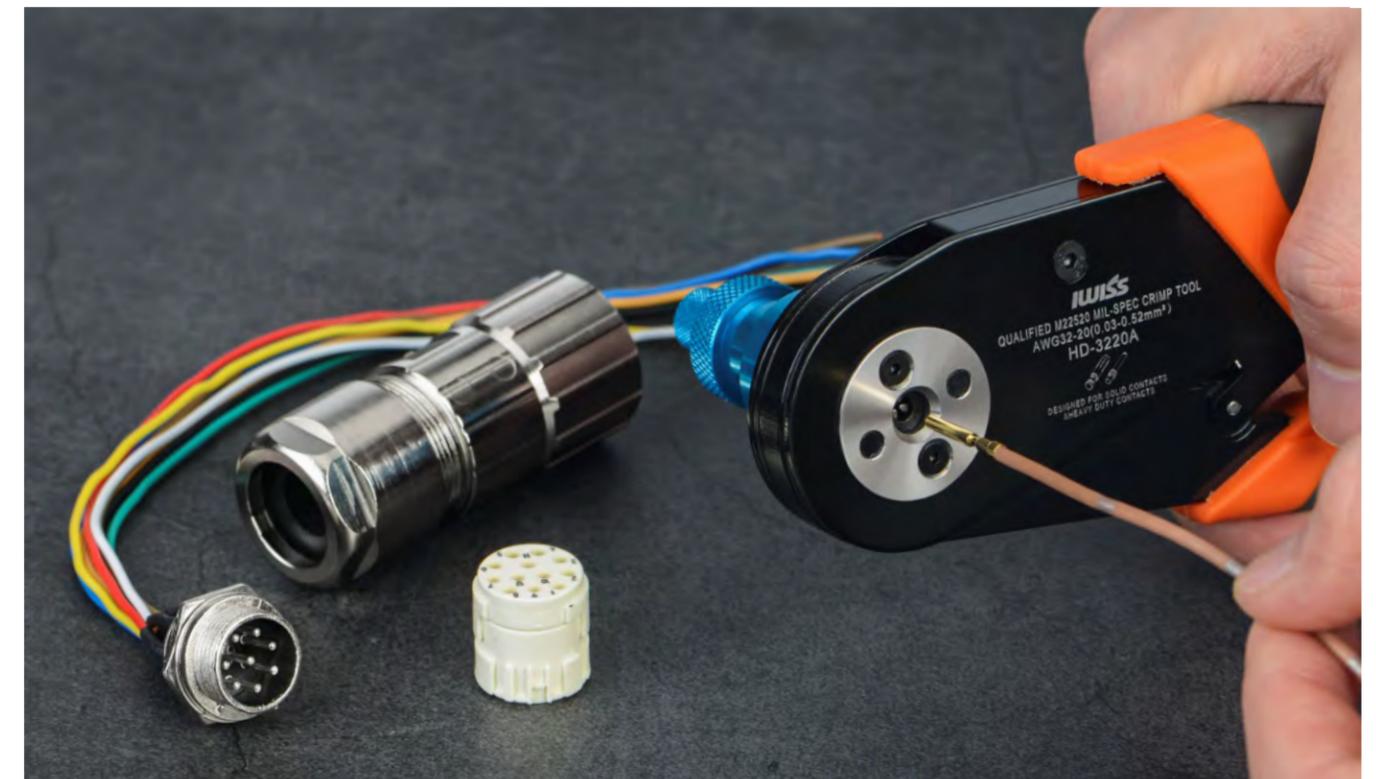
- 4 indent/8 impression ratchet crimper
- Designed according to MIL-C-22520/2-01 , qualified to AFM8
- Cycle controlled precision ratchet assures consistently accurate crimps every time
- Made of high-quality carbon steel with rust prevention to ensure a long service life and the grips are wrapped with TPR for a comfortable operation with one hand
- Built-in 8 step selector knob for ease in dialing the correct crimp depth setting for the wire being used
- For most of the miniature and sub-miniature connector types that are so widely used in electronic systems
- Applicable to crimp round contacts of MIL standard, Harting, Hardin, Wain, TE connectors for wire size 20 through 32 AWG



HD-3220A



Item NO.	Range	Length	Weight
HD-3220A	0.03-0.52mm ² 32-20 AWG	173mm	0.4Kg



IWD SERIES CRIMPING TOOL

RATCHET CRIMPER FOR HEAVY DUTY CONTACTS

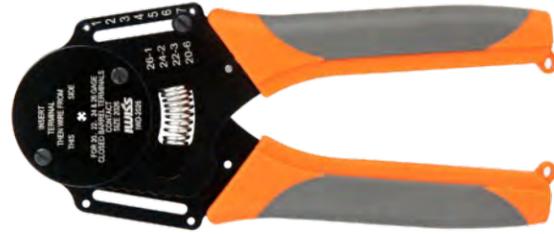
- 4 indent/8 impression ratchet crimper
- Crimping pressure adjustable for different thickness contacts
- For closed barrels for heavy duty connectors used in robotics, automation, machinery, rail and power applications



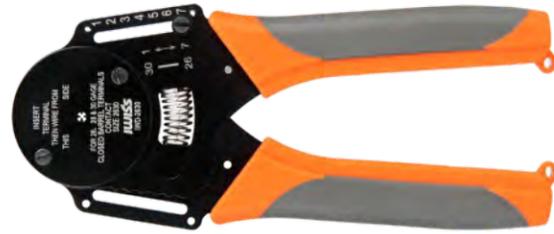
IWD-1216



IWD-1620



IWD-2026



IWD-2630

Item NO.	Range	Crimping Profile	Jaw Diameter	Crimp Type	Length	Weight
IWD-1216	1.31-3.33mm ² 16-12 AWG		5.0mm	8 impression crimp	165mm	0.29Kg
IWD-1620	0.51-1.31mm ² 20-16 AWG		3.8mm	8 impression crimp	165mm	0.29Kg
IWD-2026	0.12-0.51mm ² 26-20 AWG		2.7mm	8 impression crimp	165mm	0.29Kg
IWD-2630	0.05-0.12mm ² 30-26 AWG		2.7mm	8 impression crimp	165mm	0.29Kg

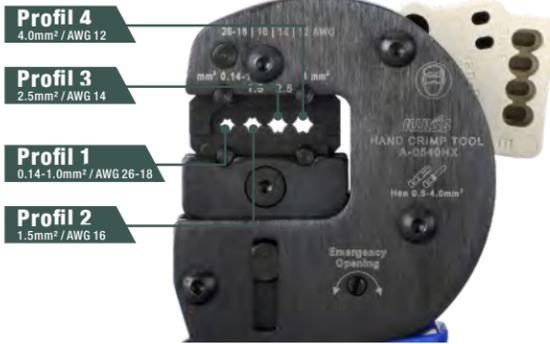
DEUTSCH&HEAVY DUTY CRIMPING TOOL



A-0540HX

RATCHET CRIMPER FOR HEAVY DUTY CONTACTS

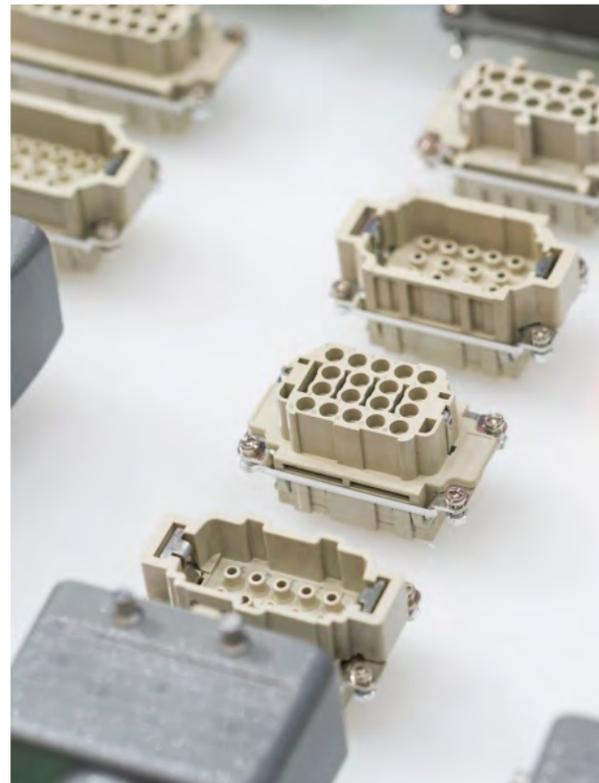
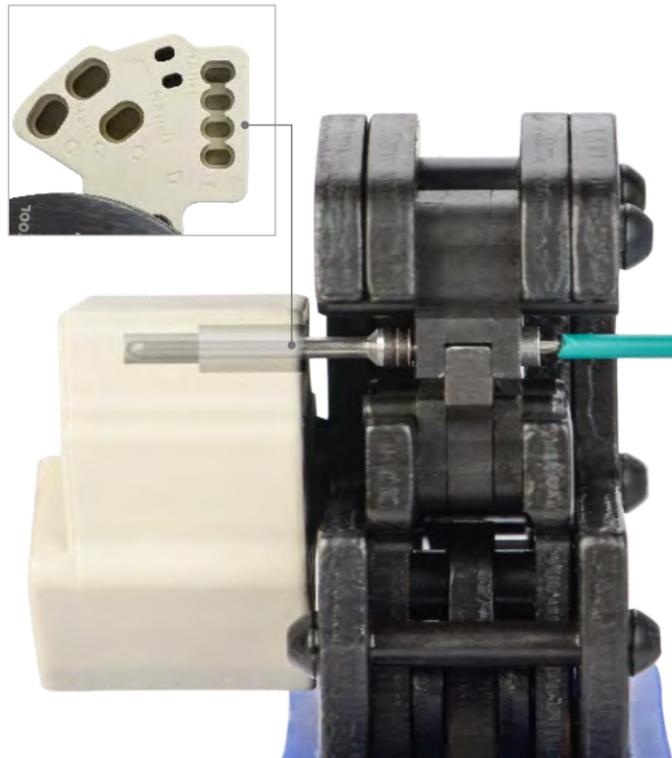
- WIRE EDM Cutting processed precise crimping die
- Parallel crimping force increases the crimp reliability
- Applicable to Han C, Han D, Han E contacts
- The ratchet mechanism allows the operator to repeatedly produce consistent, high-quality crimps
- Ergonomically designed, non-slip handles for comfortable use



Item NO.	Capacity	Crimping Profile	Length	Weight
A-0540HX	0.14-4.0mm ² 26-12 AWG		225mm	0.52Kg



A-0540HX



IWS-HDD / IWS-HEE

EXTRACTION TOOL FOR HDD/HEE CONTACTS

- Disassembling for Heavy Duty Connector Contacts Extraction
- Configured for respective plug and housing



IWS-HDD



IWS-HEE



Item NO.		Length	Weight
IWS-HDD		130mm	0.04Kg
IWS-HEE		140mm	0.04Kg



IWISS

WIRE ROPE TOOLS

Swaging is a method of securing wire rope with fittings like aluminum sleeves and stainless steel tension swage studs. The connection will exceed the rated breaking strength of the wire rope or cable when properly applied. Therefore, swaging is widely used to accomplish tasks of light-duty projects and industrial applications. The proper swaging connections require quality sleeve, corresponding wire rope, and correct swaging tool.

IWISS with its sub-brand iCrimp offers a series of swaging tools for virtually any type of swaging connections, from wire rope cutter, manual swager, bench mounted swager, to pneumatic swaging machine. The tools offer all key features of modern tools, such as:

1. Made of premium steel, the tools are high strength durable for long service life. With special surface treatment, the tools achieve a high degree of water-proof, and corrosion-resistant
2. Accurate hole design and well-polished jaws makes every connection perfect with virtually all sleeve and wire rope in the market
3. Adjustable function makes tight and trust- worth connection even after a long time using.
4. Ergonomic handle ensures optimal force-transmission and anti-fatigue operation.

IWISS tools are designed to make connections much easier. We insist on innovation and released new style swaging tools in the past years. We don't follow the trend, but we lead it.

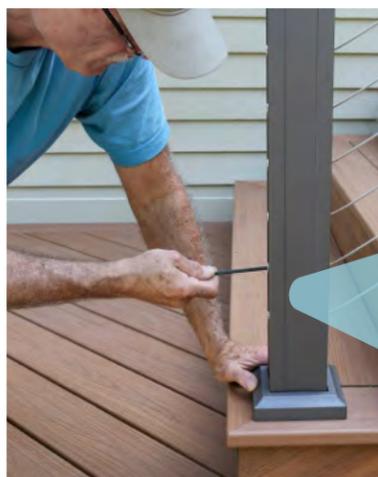
IWS-2316R

MANUAL SWAGER FOR STAINLESS STEEL TENSIONER

- Made of premium hardened steel to create hexagonal crimping shape for stainless steel tensioner swage studs
- Reasonable structural design and ergonomic grip ensure optimal force transmitted to the studs to bring a tight crimp
- Sharp cutting blade with high cutting edge hardness cut wire rope in seconds effortlessly
- Adjustable crimping force and rustproof surface support a long service life
- Applicable to multi-type stainless steel swage studs in cable railing system and wire balustrade



IWS-2316R



APPLICABLE TO MULTI-TYPE STAINLESS STEEL SWAGE STUD



Well-polished Wire EDM Cutting cavities



Sharp blade with cutting-edge hardness 68HRC



8 settings for a long time using calibration



Non-slip texture handles reduce hand fatigue

Item NO.	Crimping Capacity	Max Cutting Capacity	Criming Profile	Length	Weight
IWS-2316R	Ø1/8"-3/16"	Ø3/16"		380mm	1.13Kg

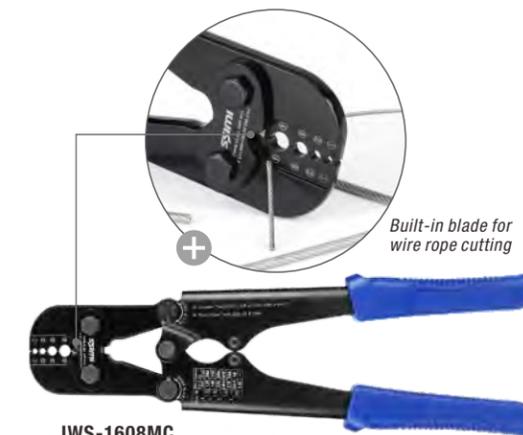
IWS-1608M / IWS-1608MC / IWS-1608B

MANUAL SWAGER FOR ALUMINUM SLEEVES

- Wire EDM cutting processed jaws with well-polishing
- 5-pivot design provides a great mechanical advantage
- High-quality material and precise workmanship for long service life
- Black oxide coated, staves off rusting
- 8 settings adjustment guarantees solid&tight compression
- Parameters etched on the handles for reference
- Ergonomic long handles with non-slip grips bring extra power transmission
- For aluminium oval and double sleeves, annealed copper sleeves



IWS-1608M



IWS-1608MC



IWS-1608B



Application:

- ✓ Wire rope round, duplex sleeves, railing fittings made of aluminium
- ✓ Annealed copper sleeves
- ✗ Stainless steel sleeves

IWS-1608M / IWS-1608MC			
Hold NO.	Swage size	Swage size	
		Ø(mm)	Ø(inch)
①	1.20	3/64	
	1.58	1/16	
②	2.00	5/64	
	2.38-2.5	3/32	
③	2.78	7/64	
	3.0-3.17	1/8	
④	3.50	—	

IWS-1608B			
Hold NO.	Swage size	Swage size	
		Ø(mm)	Ø(inch)
①	1.58	1/16	
	2.00	5/64	
②	2.50	3/32	
	2.80	7/64	
③	3.17	1/8	
	3.50	—	
④	4.00	5/32	
⑤	5.00	3/16	

Item NO.	Crimping Capacity	Max Cutting Capacity	Length	Weight
IWS-1608M	Ø1.2-3.5mm(3/64"-1/8")	—	381mm	1.3Kg
IWS-1608MC	Ø1.2-3.5mm(3/64"-1/8")	Ø3.5mm(1/8")	381mm	1.3Kg
IWS-1608B	Ø1.58-5.0mm(1/16"-3/16")	—	600mm	2.5Kg

IWS-1608DTS / IWS-1608DT

BENCH MOUNTED SWAGER FOR ALUMINUM SLEEVES

- Bench mounted type
- Wire EDM cutting processed jaws with well-polishing
- High-quality material and precise workmanship for long service
- Support fixed to on the workbench for frequent use
- Two size meets different occasion demands
- Extra long handles for maximum leverage



IWS-1608DTS		
Hold NO.	Swage size	
	Ø(mm)	Ø(inch)
①	1.58	1/16
	2.00	5/64
②	2.50	3/32
	2.80	7/64
③	3.17	1/8
	3.50	—
④	4.00	5/32
⑤	5.00	3/16

IWS-1608DT		
Hold NO.	Swage size	
	Ø(mm)	Ø(inch)
①	1.0-1.5	3/64
②	1.20	3/64
③	1.58	1/16
	2.00	5/64
④	2.50	3/32
	2.80	7/64
⑤	3.17	1/8
	3.50	—
⑥	4.00	5/32
⑦	5.00	3/16

Ergonomic handles

Effortless to operate



Item NO.	Crimping Capacity	Adjustable	Material	Length	Weight
IWS-1608DTS	Ø1.58-5.0mm(1/16"-3/16")	✓	High carbon steel	310mm	2.03Kg
IWS-1608DT	Ø1.0-5.0mm(3/64"-3/16")	✓	High carbon steel	530mm	3.79Kg

AM-116

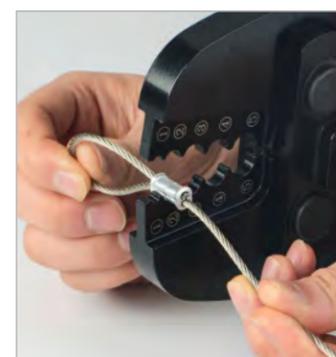
PNEUMATIC SWAGER FOR ALUMINUM SLEEVES

- Pneumatic swaging machine
- High efficiency and quality in crimping force and speed
- Easy and effortless to press a large number of sleeves
- Designed for aluminum oval and double sleeves, annealed copper sleeves

AM-116		
Hold NO.	Swage size	
	Ø(mm)	Ø(inch)
①	1.58	1/16
	2.00	5/64
②	2.50	3/32
	2.80	7/64
③	3.17	1/8
	3.50	—
④	4.00	5/32
⑤	5.00	3/16



AM-116



Item NO.	Crimping Capacity	Air Pressure	Crimping Force	Control Method	Dimensions	Weight
AM-116	Ø1.58-5.0mm (1/16"-3/16")	0.7-0.95 MPA	6T	Foot pedal	485mm*155mm*155mm	13.0Kg

CWR1522 / CWR1328

RATCHET SWAGER FOR ALUMINUM SLEEVES

- Easier work due to ratchet mechanism and optimized leverage
- Most efficient joint design ensures exceptional crimping & cutting performance
- High-quality material and precise workmanship for long service
- Wire EDM cutting processed jaws with smooth polishing
- Built-in cutter with precise & solid shear for wire rope, hard wire
- Applicable to aluminum oval and double sleeves, annealed copper sleeves



CWR1522

CWR1328



Item NO.	Crimping Capacity	Max Cutting Capacity	Adjustable	Length	Weight
CWR1522	Ø0.5-2.2mm(3/64"-3/32")	Ø2.2mm	✗	180mm	0.27Kg
CWR1328	Ø0.5-3.5mm(3/64"-1/8")	Ø3.5mm	✓	340mm	0.78Kg

CWR1522				CWR1328			
Hold NO.	Swage size	Swage size		Hold NO.	Swage size	Swage size	
		Ø(mm)	Ø(inch)			Ø(mm)	Ø(inch)
①	0.1-0.5	—	—	①	0.3-0.5	—	—
②	0.5-1.0	3/64	—	②	0.5-1.0	1/32	—
③	1.0-2.0	5/64	—	③	1.20	3/64	—
④	2.2	3/32	—	④	1.58-2.00	1/16-5/64	—
				⑤	2.38-2.78	3/32-7/64	—
				⑥	3.00-3.50	1/8	—



Application:

- ✓ Wire rope round, duplex sleeves, railing fittings made of aluminium
- ✓ Annealed copper sleeves
- ✗ Stainless steel sleeves

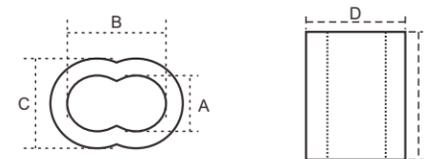


CWR1522 SET

RATCHET SWAGING TOOLSET FOR ALUMINUM SLEEVES

ITEM INCLUDES

CWR-1522	1PC
1.2mm Aluminum sleeves	50PCS
1.5mm Aluminum sleeves	50PCS
2.0mm Aluminum sleeves	50PCS



CWR1522 SET

Item NO.	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
1.2 (50PCS)	1.60	3.20	3.82	5.15	9.00
1.5 (50PCS)	1.98	3.96	4.12	6.18	9.00
2.0 (50PCS)	2.60	5.20	4.76	7.41	9.00

CWR35 / CWR60

RATCHET WIRE ROPE CUTTER

- Metal plated high strength joints ensure low cutting impact to the hands, tension on muscles and tendons
- Minimum effort required due to optimum co-ordination of the cutting edge angle and ratchet mechanism
- Efficient work thanks to reasonable structure design and ratchet mechanism
- Tool body is made of high-quality Cr-Mo steel with superior rust resistance
- Ergonomic non-slip grip made of TPR ensure comfortable operation



CWR35

CWR60



Item NO.	Wire Rope	Medium Hard	Piano Wire	Copper Cable	Length	Weight
CWR35	max 3.5mm	cuts upto 2.4mm	cuts upto 2.0mm	cuts upto 3.5mm	160mm	0.26Kg
CWR60	max 6.0mm	cuts upto 4.0mm	cuts upto 2.5mm	cuts upto 6.0mm	220mm	0.45Kg





IWISS

WIRE CUTTING & STRIPPING TOOLS

Among a series of coordinated operations involved in making an electrical connection, cable cutting and stripping are the initial and important preparation steps.

Proper preparation ensures high-quality connections. Our tools are in your good hands.

The first step, cutting. The cable must be cut cleanly, straightly without great effort. IWISS with its sub-brand iCrimp offers a variety of cutters to cover a range from thin fine-wire conductor to large diameter power supply cables. The cutters achieve the basic requirements of a quality cutting tool, for example:

**Made of premium steel, cutting edges stay sharp with no fraying.*

**Ergonomic handle design brings a comfortable operation*

**Ratcheting mechanism makes large size cable cutting effortless*

The second step, stripping, the proper removal of the sheath brings high-quality conductive connections. The cable must be stripped to the proper length without damages. Stripping can be super easy and fast when you get a suitable stripper. Our tools are designed to make it easy to get quick and clean stripping for cables of different sizes and materials. There is two basic strippers for your choice:

1. Stripping pliers with multiple stripping holes. Sharp blades and precise design in diameter provide a clean strip without damage to the conductor.

2. Self-adjusting insulation strippers are ideal for cable in different materials. The stripping depth can be adjusted according to cable diameter, and sheath thickness. It reduces the risk of damage to the conductor.

Besides, we manufactured various versatile strippers to help people to get more work done at less cost.

IWS-0822

MULTIFUNCTIONAL WIRE STRIPPER & CUTTER FOR ELECTRICIAN

- Multi-function: cut and strip 8-22 AWG wire
- Compound action wire stripping: grip and strip via single action squeezing motion
- Precision machined stripping holes easily remove jacket insulation without damaging the wire
- Remove up to 1"(24mm) in length of the insulation layer (jacket layer) in a single step
- Tension loaded wire-grip gently holds the cable in place while retaining the cable geometry
- Recoil spring design returns tool to ready position upon cycle completion



Item NO.	Stripping Capacity	Cutting Capacity	Length	Weight
IWS0822	0.35-8.2mm ² 22-8 AWG	Max 10 AWG	175mm	0.36Kg

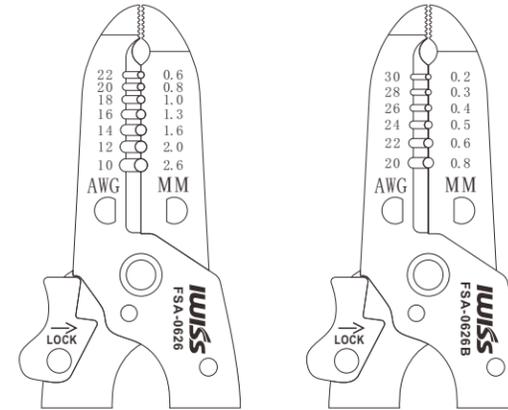


IWS0822

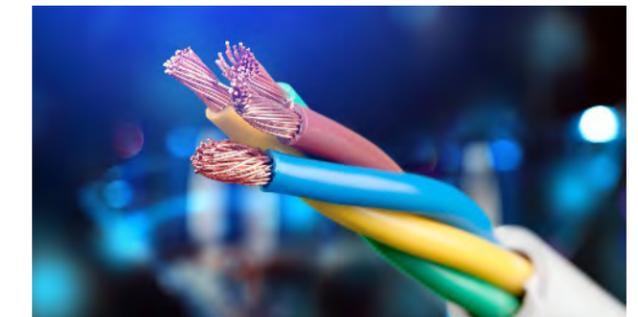
FSA-0626 / FSA-0626B

MULTIFUNCTIONAL WIRE STRIPPER & CUTTER FOR ELECTRICIAN

- For cutting and stripping wire
- Automatic rebound spring
- No damage to wire core



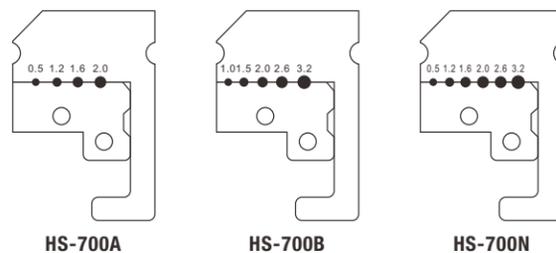
Item NO.	Stripping Capacity	Cutting Capacity	Length	Weight
FSA-0626	Ø0.6-2.6mm 22-10 AWG	Max Ø2.6mm	175mm	0.16Kg
FSA-0626B	Ø0.2-0.8mm 30-20 AWG	Max Ø0.8mm	175mm	0.16Kg



HS-700A / HS-700B / HS-700N

7" MULTIFUNCTIONAL WIRE STRIPPER & CUTTER

- Precise blade design, no damage to the conductor cores
- The wire will be held firmly by clamping jaws
- With adjustable length stop
- With a spring to reset the stripper, long lifetime



Item NO.	Stripping Capacity	Length	Weight
HS-700A	0.25-2.5mm ² 24-14 AWG	175mm	0.36Kg
HS-700B	0.5-6.0mm ² 20-10 AWG	175mm	0.36Kg
HS-700N	0.25-5.5mm ² 24-10 AWG	175mm	0.36Kg



HS-700B

WS049

MULTIFUNCTIONAL WIRE STRIPPER & CUTTER FOR ELECTRICIAN

- Made of manganese steel material, overall heat treatment, super strong and durable
- Easy to remove the insulation on 22-10AWG solid wires without damage to the wire core
- Built-in cutting blade with multi-hardened process for copper and aluminum cables
- Comfortable, textured grip handles for maximum comfort and reduced hand fatigue to keep working all-day
- New lock design prevents accidental locking and loosening over time



Item NO.	Stripping Capacity	Cutting Capacity	Length	Weight
WS049	Ø0.6-2.6mm 22-10 AWG	Max Ø2.6mm	180mm	0.13Kg



WS049

HS-D2

MULTIFUNCTIONAL WIRE STRIPPER & CUTTER FOR ELECTRICIAN

- Multi-function wire stripper for industrial and daily use
- Specially designed and precisely-machined toothed grapple can grip tightly and easily trim wires
- Strip the plastic or rubber insulation of the single, multiple cables and wires of 0.5-6 mm
- Crimp AWG 22-10 insulated terminals, AWG 12-22 non-insulated terminals, 7-8mm auto ignition connections
- Thermoplastic rubber grips provides maximum leverage with minimal force



Stripping of wire range:
0.2-6mm² / 24-10 AWG
Steel blades,
Line of cutting
High precision

For desired stripping length

Accurate and straight

For non-insulated
and insulated terminals

PP & TPR handle, PASH

HS-D2

Item NO.	Stripping Capacity	Crimping Capacity	Cutting Capacity	Length	Weight
HS-D2	0.2-6.0mm ² 24-10 AWG	0.5-6.0mm ² 22-10 AWG	Max 6.0mm ²	205mm	0.30Kg

WS069

7" MULTIFUNCTIONAL WIRE STRIPPER & CRIMPER & CUTTER

- Made of high carbon alloy steel guarantees long service life
- Accurate stripping holes for wire diameter 0.6-2.0(AWG 12-22)
- Crimping AWG10-28 insulated and non-insulated terminals, connectors and plug type connectors



WS069

Item NO.	Stripping Capacity	Crimping Capacity	Cutting Capacity	Length	Weight
WS069	Ø0.6-2.0mm 22-12 AWG	0.1-6.0mm ² 28-10 AWG	Max Ø2.0mm	180mm	0.2Kg

WS085

7.5" MULTIFUNCTIONAL WIRE STRIPPER & CUTTER

- Precise stripping holes for wire diameter 0.6-2.6mm(AWG 10-22)
- Clean cutting of solid&standard wires with multi-hardened&sharp shear
- Adjustable mechanism allows accurate jacket removal for 1-6mm² double stranded-wires
- New lock design prevents accidental locking and loosening over time
- Ergonomic arc-shaped piler with TPR grips brings comfortable feeling



Wire cutting

Wire stripping

Adjustable knob for
wire sheath cutting

Wire sheath cutting

Locking

WS085

Item NO.	Stripping Capacity	Cutting Capacity	Length	Weight
WS085	Ø1.0-6.0mm 18-3AWG	Max Ø6.0mm	200mm	0.23Kg

WS053

7.5" MULTIFUNCTIONAL WIRE STRIPPER & CUTTER

- Made of high carbon alloy steel guarantees long service life
- Accurate stripping holes for wire diameter 0.8-2.6mm(AWG 10-20)
- Sharp cutting hole for wire size AWG 8-32 and 10-32
- High-quality springs for longer life and quick one-hand-operation



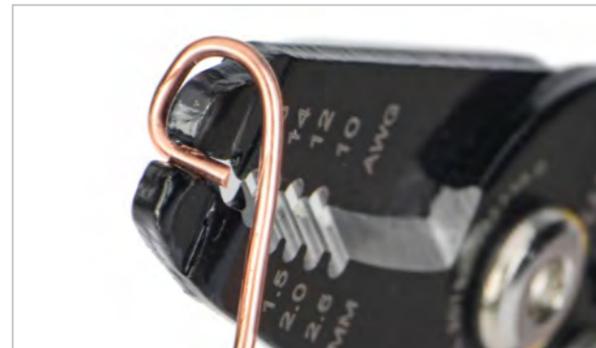
WS053

Item NO.	Stripping Capacity	Cutting Capacity	Length	Weight
WS053	Ø0.8-2.6mm 20-10 AWG	Max Ø2.6mm	185mm	0.16Kg

WS084 / WS086

7.5"/7" MULTIFUNCTIONAL WIRE STRIPPER & CRIMPER & CUTTER

- Mini Noose for pulling or twisting wire and conductor
- Well-polished stripping hole for small size wire
- Quick to remove the wire sheath without damage
- Cable shears with (induction-hardened) precision cutting edges for copper and aluminum cables
- Built-in crimping die for insulated and non-insulated terminals
- High-grade special tool steel, forged, multi stage oil-hardened
- Slim dimensions for easy access



WS084



WS-086



Item NO.	Stripping Capacity	Crimping Capacity	Cutting Capacity	Iron Wire Cut	Twin Wire Stripper	Length	Weight
WS084	Ø1.0-2.6mm 18-10 AWG	1.0-2.5mm ² 18-14 AWG	Max Ø2.6mm	✓	✓	197mm	0.20Kg
WS086	Ø1.0-2.6mm 18-10 AWG	1.0-2.5mm ² 18-14 AWG	Max Ø2.6mm	✓	✓	182mm	0.13Kg

WS047 / WS048

8.5"/10" MULTIFUNCTIONAL WIRE STRIPPER & CRIMPER & CUTTER

- Cuts, strips wire and loops slid copper wire or aluminum cables
- For insulated and non-insulated terminals, connectors crimping
- Cutting action combined with ergonomic curved handle
- Comfortable, textured handles reduce hand fatigue
- Bolted joint for higher stability and even movement



WS-047



WS-048

Item NO.	Stripping Capacity	Crimping Capacity	Cutting Capacity	Length	Weight
WS047	0.1-6.0mm ² 26-10 AWG	0.1-6.0mm ² 26-10 AWG	Max 6.0mm ²	215mm	0.2Kg
WS048	0.5-5.0mm ² 20-10 AWG	0.5-5.0mm ² 20-10 AWG	Max 5.0mm ²	250mm	0.3Kg

WS065

7" MULTIFUNCTIONAL WIRE STRIPPER & CUTTER

- Ideal for 8-14 AWG copper and aluminum cables
- Precise stripping hole design ensures neat stripping incision without damage to wire core
- Forged from 65# manganese alloy steel, with full heat treatment, high hardness and sharp edge
- Cutting action combined with ergonomic curved handle
- Comfortable, textured handles reduce hand fatigue
- Crclip lock design saves time and effort



WS065

Item NO.	Stripping Capacity	Cutting Capacity	Length	Weight
WS065	2.0-8.0mm ² 14-8 AWG	Max 8.0mm ²	165mm	0.16Kg

WS090

8" MULTIFUNCTIONAL WIRE STRIPPER & CUTTER

- With 7 functions including stripping, branching, twisting, breaking, cutting, clamping, and crimping
- High-quality engineering guarantees years of reliable performance
- Comfortable, plastic texture provides reliable non-slip grip



Item NO.	Product Description	Overall Length	Wire Range	Cutting Capacity	Stripping Range	Highlight
WS090	8 inches Seven-in-One Multi-function Plier	8.66 inch	10 AWG	Max 12 AWG	18-12 AWG	Seven-in-One Multi Purpose

WIRE CUTTING & STRIPPING TOOLS

PG-5

WIRE STRIPPER

- Remove all layers of insulation on cables
- Suitable for longitudinal and circular cutting
- Cutting depth can be adjusted



IWS-211 / IWS-211A

WIRE STRIPPER



Item NO.	Blade Legth	Length	Weight
IWS-211	38mm	155mm	0.1Kg
IWS-211A	50mm	180mm	0.1Kg

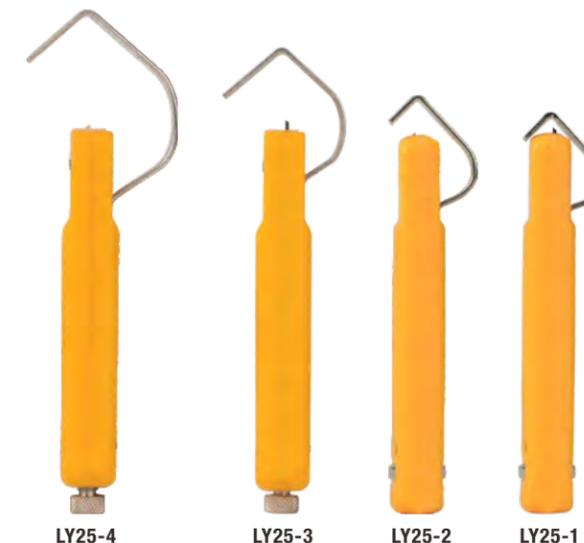


LY25-1 / LY25-2 / LY25-3 / LY25-4

WIRE STRIPPER



Item NO.	Stripping Capacity	Length	Weight
LY25-1	Ø4-16mm	170mm	0.15Kg
LY25-2	Ø8-28mm	170mm	0.15Kg
LY25-3	Ø28-35mm	170mm	0.15Kg
LY25-4	Ø35-50mm	170mm	0.15Kg



HS-325A

RATCHET CABLE CUTTER

- For cutting copper and aluminum single conductors as well as multiple stranded cables
- Clean and smooth cut without crushing and deformation
- With safety lock



HS-325A



Item NO.	Cutting MAX	Length	Weight
HS-325A	240sq.mm(AWG 600MCM), Ø32mm	260mm	0.7Kg

HS-500B

RATCHET CABLE CUTTER

- Compact design (235 mm length) can also be used in confined areas
- High-grade special tool steel, forged, multi stage oil-hardened
- Innovative high leverage three-stage ratchet-drive
- Precision ground blades and induction hardened cutting edges cut smoothly and neatly without crushing



Adjustable Handle



HS-500B

Item NO.	Cutting MAX	Length	Weight
HS-500B	400mm ²	235mm	1.1Kg

VC-30A / VC-36A / VC-60A

RATCHET CABLE CUTTER



VC-30A



VC-36A



VC-60A

Item NO.	Capacity	Length	Weight
VC-30A	Cu+Al Ø32mm/240mm ²	235mm	0.49Kg
VC-36A	Cu+Al Ø36mm/300mm ²	280mm	0.60Kg
VC-60A	Cu+Al Ø60mm/500mm ²	340mm	0.84Kg

WS100-6 / WS100-8 / WS101A-10

CABLE CUTTER

- Cable cutting pliers for cutting copper and aluminum cable
- Induction hardened cutting edges for superior cutting power
- Made from high carbon steel with titanium coated joints for long lasting life
- Plastic-dipped cushioned handles provide a secure, comfortable grip



WS100-6



WS100-8



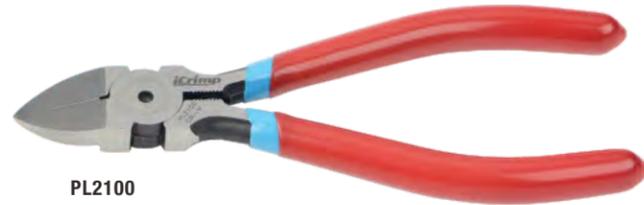
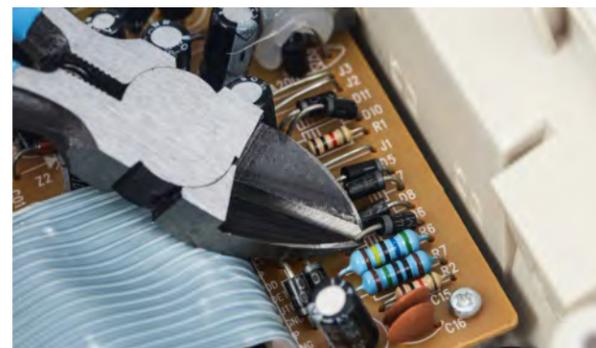
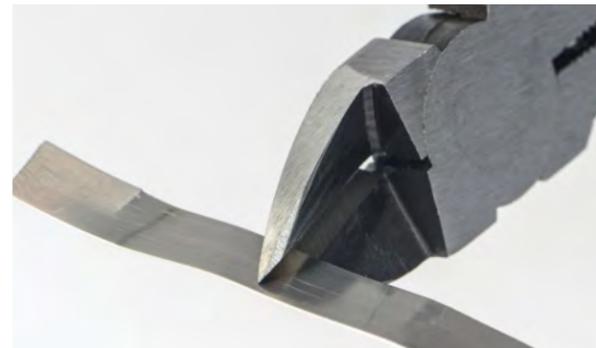
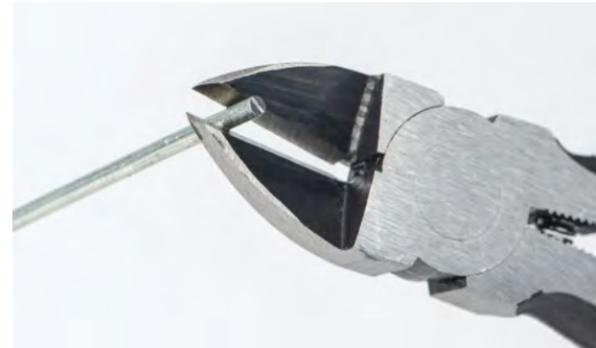
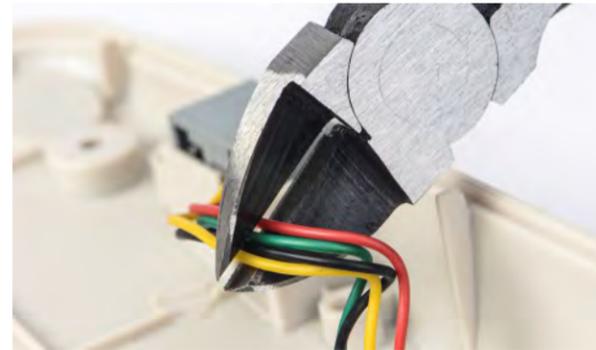
WS101A-10

Item NO.	Capacity	Length	Weight
WS100-6	Multi-strand cable Ø6mm	150mm	0.18Kg
WS100-8	Multi-strand cable Ø7mm	200mm	0.31Kg
WS101A-10	Multi-strand cable Ø9mm	250mm	0.43Kg

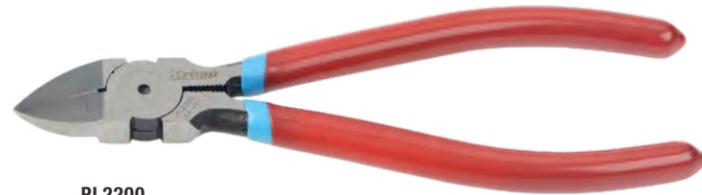
PL2100 / PL2200

DIAGONAL CUTTERS

- The indispensable diagonal cutter for all-round use
- Precision cutting edges for soft and hard wire
- Clean cutting of thin copper wires, also at the cutting-edge tips
- Cutting edges additionally induction hardened, cutting edge hardness approx. 62 HRC
- Narrow head style for use in confined areas
- Vanadium electric steel, forged, multi stage oil-hardened



PL2100



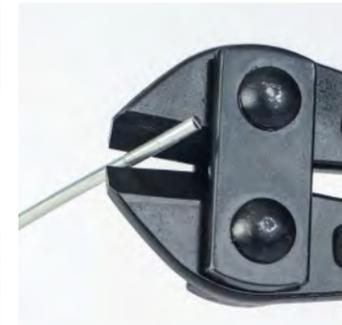
PL2200

Item NO.	Cutting MAX	Material	Length	Weight
PL2100	Ø4mm	Chrome-Vanadium	130mm	0.11Kg
PL2200	Ø5mm	Chrome-Vanadium	150mm	0.14Kg

WS1000A-8

MINI BOLT CUTTER

- Made with heat-treated and high-frequency hardened Cr-Mo steel for powerful cutting
- Mini Bolt Cutter adopts efficient design based on lever principle, requires less effort
- Ergonomic anti-slip grips offers greater control and comfort when cutting
- Works great on easily cutting through wires, threaded rods, bolts, chains, nails, rivets and more



WS1000A-8

Item NO.	Max Opening	Length	Weight
WS1000A-8	1.8mm	210mm	0.29Kg

WS102A

WIRE ROPE CUTTER

- Designed for cutting stainless steel wire which up to 4m(5/32")
- Sharp blade made of Chrome Vanadium steel
- Safety lock prevents accidentally open and cut



WS102A

Item NO.	Cutting MAX	Length	Weight
WS102A	Ø1-6mm special wire rope	200mm	0.27Kg



IWISS

ZIP TIE GUNS

Zip tie, also known as wire tie, cable tie, is a typical fastener for holding items together. With high strength, high-temperature resistance, and chemical resistance, zip tie offers an ideal fixing solution for use in harsh environments. It appears in production line facilities, aircraft, power plants, mines, commercial kitchens, tunnels, oil and gas platforms, and wiring systems.

In the market, there are two main types of cable tie are widely used, stainless steel zip ties and nylon cable ties.

First one, nylon cable ties are made of primary nylon material, which keeps the cost down and easy to work with. It has a flexible tape section with teeth that engage with a pawl in the head to form a ratchet.

Stainless steel tie is made of stainless steel. It is durable and high-strength for long-term service, its sharp edge may cause injuries to hands.

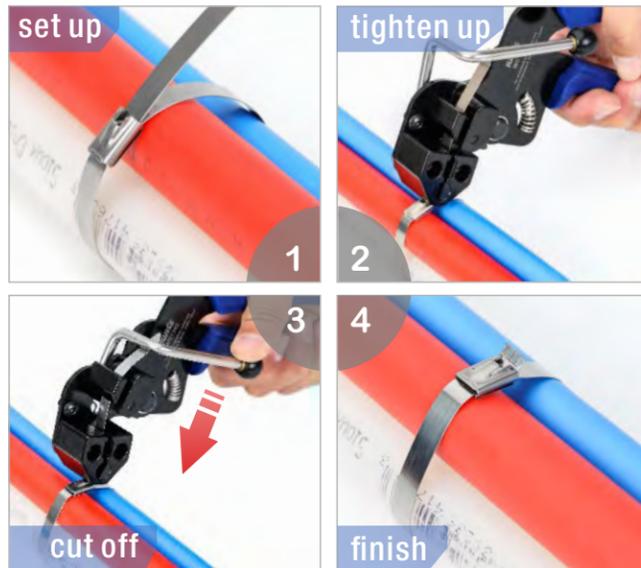
Designed for batch operations with zip ties, IWISS covers a full selection of zip tie guns. Featured with

- 1. Built-in cutter provides neat installation and speeds up the workflow.*
- 2. Solid construction supports long term using*
- 3. Advanced design makes every tying reliable, with no injuries to hands.*
- 4. Tight lock, won't stretch or slide*

WCT322

STAINLESS STEEL ZIP TIE GUN

- For tensioning most stainless steel cable ties
- The cutting blade hardness is HRC55 with wear resistance
- The tension holder hardness design is HRC60
- The entire tool has rust-proof treatment
- Lightweight, easy to carry with outdoors and indoors
- Ergonomic cutter handle supports one-hand-operation



WCT322



ONE-HAND-OPERATION

Unique Ergonomic Grip Design Allows You Only Need One Hand TO Zip Items Together

Item NO.	Applicable Tie Width	Cut Way	Handle Material	Length	Weight
WCT322	Max width:12mm; Max thickness:0.3mm	Manual	TPR	205mm	0.53Kg

LY-600N

STAINLESS STEEL ZIP TIE GUN

- Applicable to stainless steel tie
- Equipped with an adjustable tension mechanism for 4 levels of bunding pressure
- Designed with automatic cut-off function once required tension is achieved



LY-600N

Item NO.	Applicable Tie Width	Cut Way	Length	Weight
LY-600N	width: 4.8-7.9mm thickness:0.3mm	Automatic	175mm	0.63Kg

HS-519

NYLON CABLE ZIP TIE GUN

- Applicable to plastic nylon cable tie
- Strong solid metal construction makes it work efficiently and also durable
- Automatic tie cut-off, Built-in cable tie cutter
- Pistol-style grip for comfortable hand force



HS-519

Item NO.	Applicable Tie Width	Cut Way	Length	Weight
HS-519	width: 2.4-9mm	Manual	195mm	0.26Kg



IWISS

PLUMBING TOOLS

The plumbing system is composed of two separate subsystems. One subsystem brings fresh water in, and another takes the wastewater out. In the plumbing system, the pipe used to transport potable drinking water usually use different materials from the pipe carrying drain water. The different regions also have differences in pipe material and size. Your plumbing system may contain one or several types of pipe.

Due to the complicated pipe and fitting standards, plumbing used to be limited to professionals. But the availability of a wide range of plumbing tools has allowed everyone to redo the pipe without any permit or training. There are four methods through which you can get the work done:

1. Crimping
2. Pressing
3. Clamp
4. Expansion
5. Push to Connect

Focused heavily on providing people professional and affordable plumbing tools, IWISS spent a lot on R&D. For past decades, our company has worked across a variety of plumbing tools, which cover all five methods and meet the standards from the imperial system to the metric system. Our product line also includes pipe cutters, decrimping tools, and chamfer, offering more possibilities in pipe prefabrication. Not only in providing the single tool, but we also have professional a comprehensive, and high-performance, up-gradable tool kit for installing and maintaining today's and tomorrow's plumbing system.

IWS-C SERIES CRIMPING TOOLS

REGULAR COPPER RINGS CRIMPER

- Meets ASTM F1807 standard
- Applicable to copper rings
- Well-polished jaws ensure no damage to copper rings
- Non-slip grips for easy operation
- Go/No Go gauge included



ASTM F1807 is standard specification for metal insert fittings utilizing a copper crimp rings for SDR9 cross-linked Polyethylene (PEX) pipe. The assemblies can be used in 100 psi cold- and hot-water distribution system operating at temperatures up to, and including, 180°F. It included the requirements for material and dimensional of fittings and crimp rings; requirements for compression of the copper rings, which are extensively applied in residential and commercial, hot- and cold-water distribution systems, snow and ice melting systems, geothermal ground loops, district heating, turf conditioning, compressed air distribution and building services pipe.

Item NO.	Available Size	Material	Go/No-Go Gauge	Length	Weight
IWS-C125	1¼"	High carbon steel	✓	520mm	2.30Kg
IWS-C1	1"	High carbon steel	✓	385mm	1.40Kg
IWS-C34	¾"	High carbon steel	✓	375mm	1.36Kg
IWS-C12	½"	High carbon steel	✓	375mm	1.32Kg

IWS-1234P / IWS-1234PS

DUAL COPPER RINGS CRIMPER

- Meets ASTM F1807 standard
- Well-polished jaws ensure no damage to copper rings
- Scientific structural design requires less strength
- Constructed of durable steel ensure an integrated mechanical property
- Ergonomic handles provide increased feeling and usability
- Go/No Go gauge included



Well-polished jaw



Adjustable



High carbon steel



Ergonomic handles

Item NO.	Available Size	Material	Pre-Crimping	Go/No-Go Gauge	Length	Weight
IWS-1234P	1/2", 3/4"	High carbon steel	✓	✓	390mm	1.30Kg
IWS-1234PS	1/2", 3/4"	High carbon steel	✓	✓	330mm	1.25Kg

CL SERIES CRIMPING TOOLS

ANGLED COPPER RINGS CRIMPER

- Meets ASTM F1807 standard
- Angled design for easy to access in confined area
- Smooth polished jaw ensure no damage to fittings
- Made of high carbon steel with corrosion-resistance
- Factory-adjusted with calibration function
- Labor saving compared to regular tool



CL 1



CL 3/4



CL 1/2



Item NO.	Available Size	Folding Handle	Material	Length	Weight
CL 1	1"	✓	High carbon steel	370mm	1.3Kg
CL 3/4	¾"	✗	High carbon steel	270mm	1.0Kg
CL 1/2	½"	✗	High carbon steel	270mm	1.0Kg

IWS-1234W

ANGLED DUAL COPPER RINGS CRIMPER

- Meets ASTM F1807 standard
- Smart head design for access in confined area
- Dual crimper for size 1/2" & 3/4"
- Labor and cost saving tool for plumbing installation



Gradient 30°

Smart angle design helps to reach into small corner and makes the pipe installation easier.



IWS-1234W

IWS-1234W KIT

ANGLED DUAL COPPER RINGS CRIMPER SET



IWS-1234W KIT



ITEM INCLUDES

IWS-1234W	1PC
1/2" Copper rings	20PCS
3/4" Copper rings	10PCS
PEX Cutter	1PC
Go/No Go gauge	1PC

IWS-FA KIT / IWS-FAS KIT

ALL-IN-ONE PEX TOOLSET

- Meets ASTM F1807 standard
- Available sizes: 3/8", 1/2", 3/4" & 1"
- All-in-one toolset for PEX installation
- Tight compression provided with accurate jaws
- Easy to exchange different size jaws

ITEM INCLUDES

1-inch Crimper	1PC
PEX Cutter	1PC
Go/No Go gauge	1PC
PEX-1210C Removal	1PC
Jaws(3/8,1/2,3/4-inch)	3PCS



IWS-FA KIT

ITEM INCLUDES

1-inch Crimper	1PC
PEX Cutter	1PC
Go/No Go gauge	1PC
Jaws(3/8,1/2,3/4-inch)	3PCS



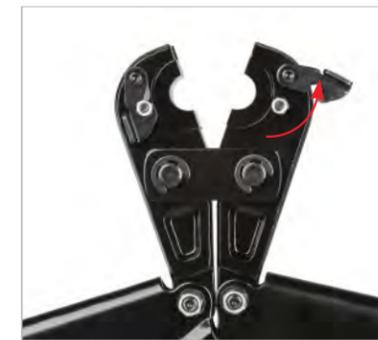
IWS-FAS KIT



Item NO.	Available Size	Material	Crimper Length	Crimper Weight	Toolset Weight
IWS-FA KIT	3/8", 1/2", 3/4", 1"	High carbon steel	380mm	1.4Kg	3.02Kg
IWS-FAS KIT	3/8", 1/2", 3/4", 1"	High carbon steel	320mm	1.3Kg	2.17Kg



1. Open the handle.



2. Move away the hook.



3. Lift up the fixing pin and take out the inserted jaws.



4. Remove the jaws you don't need clearly.



5. Lift up the fixing pin and push into the inserted jaws with correct size you needed. Push back the hook.



6. Replacement is finished.
Make sure that the jaws are installed correctly, improper installation will break the screw.

QUICK & EASY TO CHANGE THE JAW

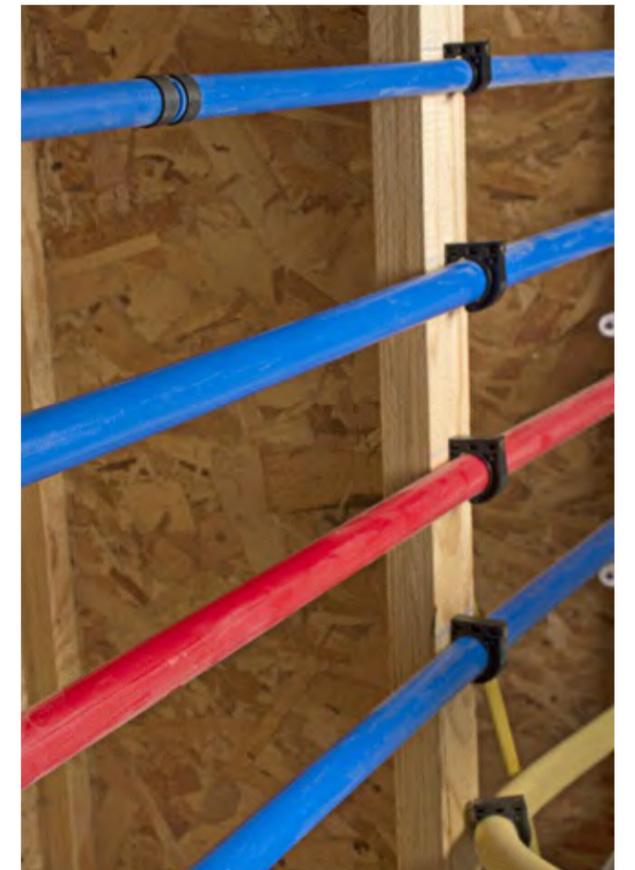


PRE-CRIMPING

Prop the holder up and pre-crimp the copper rings to prevent the copper ring from sliding during installation.
Applicable to 3/4" and 1" only.

SAVE DEFORMED COPPER RINGS

Prop the holder up and position deformed copper rings and crimp, you will get a round copper ring.
Applicable to 3/4" and 1" only.



IWS-1096G

CLAMP CINCH TOOL

- Meets ASTM F2098 standard
- One tool clamps all sizes: 3/8" to 1"
- Wire EDM Cutting processed jaw
- Constructed of high-quality carbon steel
- Ratchet design brings fast and reliable connection
- Environment friendly soft rubber coated grips
- Factory-adjusted, calibration tool provided



IWS-1096G

Item NO.	Available Size	Remove Clamps	Calibration Tool Included	Length	Weight
IWS-1096G	3/8"-1"	✗	✓	300mm	0.65Kg

ASTM F2098 is standard specification for securing SDR9 Cross-linked Polyethylene (PEX) Tubing to metal insert or plastic insert fittings utilizing stainless steel clamps. It prescribed requirements for materials, workmanship, dimensions and marking of the stainless steel clamps; requirements for deforming the clamps and specifications of the insert fittings. Covered by this specification, the assemblies can afford 100 psi, and up to 180 °F. The clamps are used in, but not limited to, residential and commercial, hot- and cold-water distribution systems, reclaimed water, fire protection, municipal water service lines, radiant heating and cooling systems.



CLAMP CINCH TOOLSET

IWS-1960G KIT



ITEM INCLUDES

IWS-1096G	1PC
1/2" Stainless steel clamps	20PCS
3/4" Stainless steel clamps	10PCS
Calibration tool	1PC

BJ0010C

ONE-HAND HOLD CINCH TOOL

- Meets ASTM F2098 standard
- One-hand ratchet design
- Used to clamp stainless steel clamps
- Precise internal structure guarantees leaking-free
- Helps connect PEX pipe in close areas with minimal force



BJ0010C

Item NO.	Available Size	Remove Clamps	Calibration Tool Included	Length	Weight
BJ0010C	3/8"-1"	✗	✓	245mm	1.0Kg

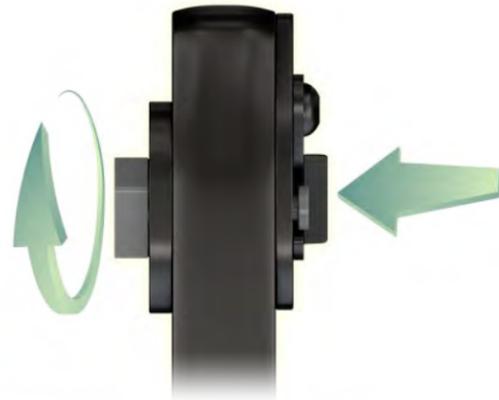


CRP1096

CLAMP CINCH & REMOVE TOOL

- Meets ASTM F2098 standard
- Cost-effective tool for home plumbing renovation
- Innovative design to satisfy cinching and removing two requirements
- Constructed of durable carbon steel with forging process
- Wire EDM cutting processed jaw brings proper connection
- Factory-adjusted ensures integrated mechanical property

Item NO.	Available Size	Remove Clamps	Calibration Tool Included	Length	Weight
CRP1096	3/8"-1"	✓	✗	275mm	0.6Kg



CRP1096



CRP1096 Kit

CLAMP CINCH & REMOVE TOOLSET



ITEM INCLUDES

CRP1096	1PC
1/2" Stainless steel clamps	20PCS
3/4" Stainless steel clamps	10PCS
PEX Cutter	1PC

CRP961

MINI CLAMP CINCH TOOLSET

- Meets ASTM F2098 standard
- Equipped with one-piece high-quality ratchet mechanism
- 25% labor saving compares to regular cinch tools
- Environment-friendly handles made of TPR
- Shorter handle and lighter weight make the cinch much easier



Item NO.	Available Size	Remove Clamps	Calibration Tool Included	Length	Weight
CRP961	3/8"-1"	✗	✗	230mm	0.47Kg



CRP961

CRP650

VERTICAL & PARALLEL CLAMP CINCH TOOL

- Meets ASTM F2098 standard
- Vertical&Parallel permits good accessibility in confined space
- Pre-adjusted without any requirement for calibration
- Ratchet design and self-release mechanism makes the cinch easy



Item NO.	Available Size	Remove Clamps	Calibration Tool Included	Length	Weight
CRP650	3/8"-1"	✗	✗	280mm	0.58Kg



CRP650

IWS-S SERIES CRIMPING TOOLS

REGULAR STAINLESS SLEEVES CRIMPER

- Meets ASTM F877 standard
- Applicable to stainless PEX press sleeves
- Well-polished jaws ensure no damage to stainless PEX press sleeves
- Non-slip grips for easy operation
- Go/No Go gauge included



IWS-S1



IWS-S34



IWS-S12



Item NO.	Available Size	Folding Handle	Material	Length	Weight
IWS-S1	1"	✓	High carbon steel	380mm	1.2Kg
IWS-S34	¾"	✗	High carbon steel	370mm	1.1Kg
IWS-S12	½"	✗	High carbon steel	370mm	1.1Kg

SL SERIES CRIMPING TOOLS

ANGLED STAINLESS SLEEVES CRIMPER

- Meets ASTM F877 standard
- Angled head design for confine area using
- Smooth polished jaws provides secure PEX connection
- Constructed of high-quality steel with rust-resistance
- Durable with adjustable crimping force
- Go/No Go Gauge included



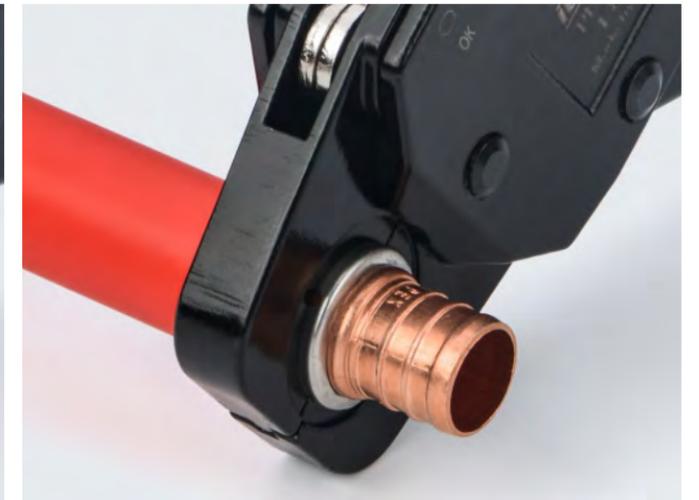
SL 1



SL 3/4



SL 1/2

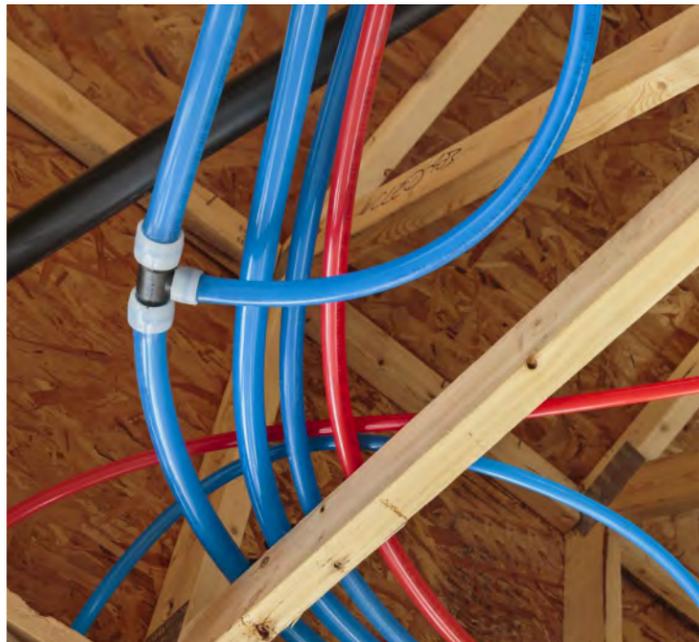


Item NO.	Available Size	Folding Handle	Material	Length	Weight
SL 1	1"	✓	High carbon steel	375mm	1.2Kg
SL 3/4	¾"	✓	High carbon steel	370mm	1.15Kg
SL 1/2	½"	✗	High carbon steel	270mm	0.85Kg

IWS-F1960

EXPANDING TOOLSET

- Manual expanding toolset
- Chrome plated for weather and corrosion resistance
- Precision WIRE EDM Cutting engineered expansion head for accurate expansion
- Light Tool body made of aluminum alloy
- Ergonomic grips for easy operation



IWS-F1960



Item NO.	Available Size	PEX Cutter Included	Expander Length	Expander Weight	Toolset Weight
IWS-F1960	½", ¾", 1"	✗	375mm	1.05Kg	2.54Kg
IWS-F1960MC	⅜", ½", ¾", 1"	✓	375mm	1.05Kg	2.76Kg
IWS-PE1632	16mm, 20mm, 25mm, 32mm	✗	375mm	1.05Kg	2.76Kg

CRQ01 / CRQ02

DISCONNECT TOOL FOR PUSH-TO-CONNECT FITTINGS

- Disconnect tool for brass push-to-connect fittings
- Allows for the brass push connection to be disconnected from the pipe quickly and easily
- Smart design to meet different size disassembly needs
- Made of carbon steel with rust prevention for durability

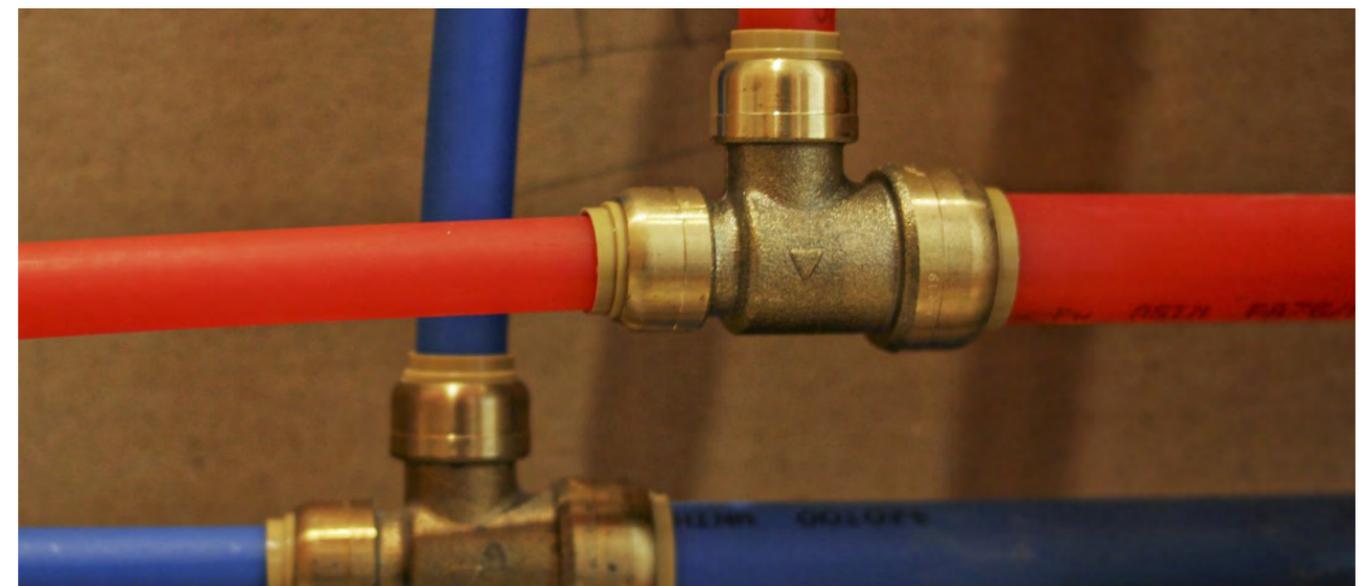


CRQ01



CRQ02

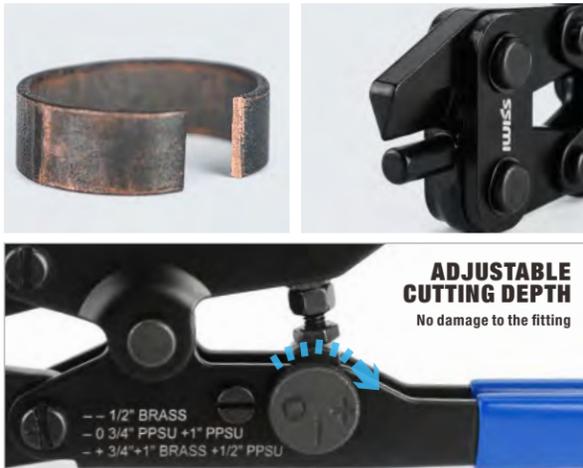
Item NO.	Available Size	Handle Material	Surface Treatment	Length	Weight
CRQ01	½", ¾", 1"	PP	Electrophoresis	165mm	0.19Kg
CRQ02	½", ¾", 1"	PP+TPR	Electrophoresis	230mm	0.33Kg



PEX-1210C

COPPER RINGS REMOVAL TOOL

- Copper rings removal tool fits size 1/2", 3/4", 1"
- Constructed of 40Cr steel
- With superior rust resistance surface
- Quick and easy to switch size
- Light weight and easy to storage



ADJUSTABLE CUTTING DEPTH
No damage to the fitting

Item NO.	Available Size	Length	Weight
PEX-1210C	1/2", 3/4", 1"	240mm	0.38Kg



PEX-1210C

IWS-1010R

COPPER RINGS REMOVAL TOOL

- For copper ring removal
- No adjustment required for different size
- Multi-tempered harden blade brings easy cuts
- Safely removing copper ring allows expensive brass fittings reusing



LONG CUTTING BLADE HELPS REMOVE LONG FITTINGS EASILY

Item NO.	Available Size	Length	Weight
IWS-1010R	1/2"-1"	240mm	0.38Kg

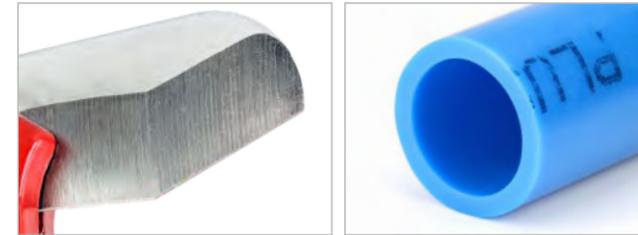


IWS-1010R

IWS-PPR

PEX CUTTER

- Cuts PEX pipes from 1/8" to 1"
- Constructed of stainless steel
- Spring loaded handle for quick opening/fast cutting
- Brings clean and burr-free cuts



Item NO.	Max Cutting Diameter	Length	Weight
IWS-PPR	1"	200mm	0.16Kg



IWS-PPR

IWS-PPW

PEX CUTTER

- Cuts 1/8"~1-1/4" PEX and PEX-B pipe
- High quality sharp blade made of Mn2Si60 steel
- Wide Bearing surface with anti-slip
- Ergonomic handle design brings comfortable hand feeling



Item NO.	Max Cutting Diameter	Length	Weight
IWS-PPW	1 1/4"	200mm	0.16Kg



IWS-PPW

IWS-05

RATCHET TUBING CUTTER

- Cuts PEX pipes upto 1 3/8"
- Equipped with ratchet mechanism



Item NO.	Max Cutting Diameter	Length	Weight
IWS-05	1 3/8"	198mm	0.32Kg



IWS-05

IWS-1620 SERIES

PAP & PEX PIPE PRESSING TOOLSET

- For PEX & PEX-AL-PEX pipe pressing
- Quick and easy to change the jaws
- Durable, supports a long time using
- Light weight, easy to carry with
- Plastic case packaging



IWS-1620A



IWS-1620B



TH die sets



U die sets



Item NO.	Available Size	Available Die Sets	Foldable Grip	Crimper Length	Crimper Weight	Toolset Weight
IWS-1620A	16mm & 20mm	TH type / U type	✓	380mm	1.4Kg	2.5Kg
IWS-1620B	16mm & 20mm	TH type / U type	✗	380mm	1.4Kg	2.5Kg



IWS-1620C

DUAL PAP&PEX PIPE PRESSING TOOL

- Dual crimper for PEX & PEX-AL-PEX pipe pressing
- Adjustable crimping force ensure a long service life



U TYPE



TH TYPE



IWS-1620C



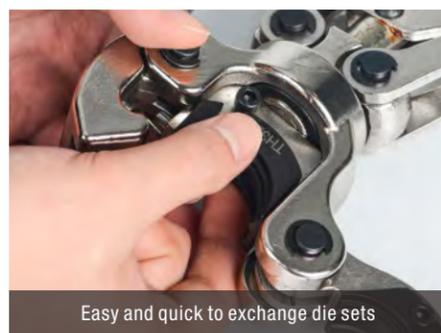
Item NO.	Available Size	Available Die Sets	Crimper Length	Crimper Weight	Toolset Weight
IWS-1620C	16mm & 20mm	TH type / U type	385mm	1.4Kg	2.27Kg



IWS-1632A

PAP & PEX PIPE PRESSING TOOLSET

- For PEX & PEX-AL-PEX pipe pressing
- Automatic locking of pressing tongs
- 360° rotary head with better access in narrow space
- Two foldable handles brings convenient for operation
- Change the jaws effortlessly from different sizes in seconds



Item NO.	Available Size	Available Die Sets	Foldable Grip	Crimper Length	Crimper Weight	Toolset Weight
IWS-1632A	16mm,20mm, 25/26mm,32mm	TH type / U type/ H type/ RF type	✓	550mm	2.95Kg	4.83Kg

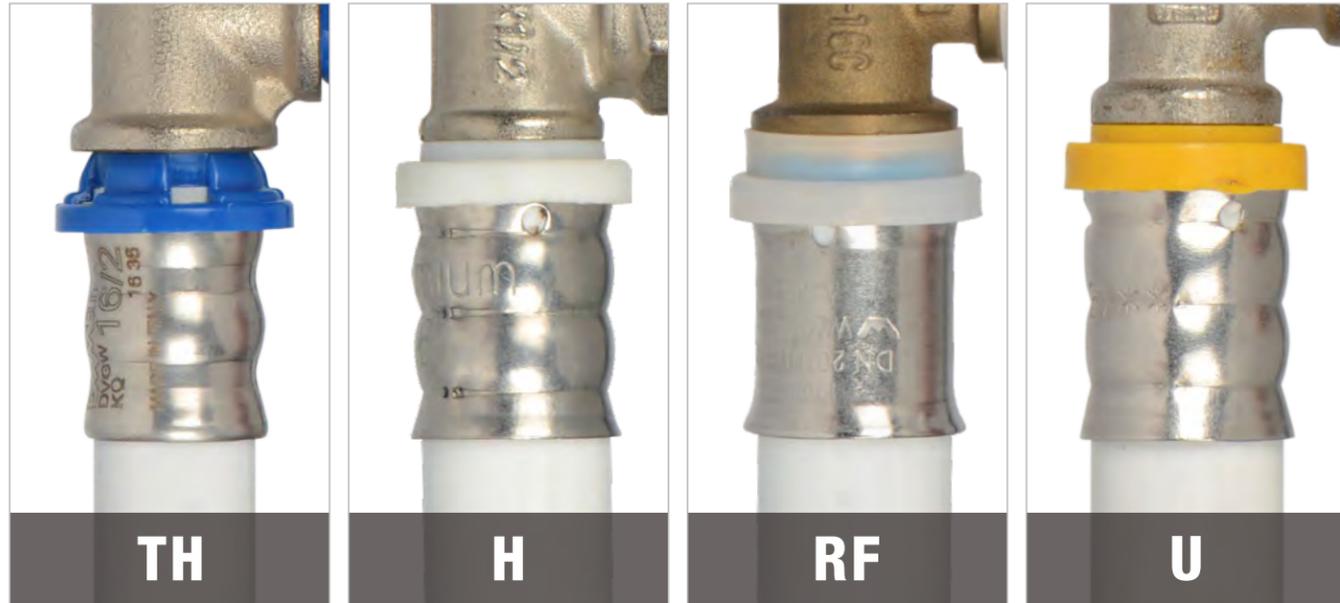
IWS-1632B & IWS-1632C

PAP & PEX PIPE PRESSING TOOLSET

- For PEX & PEX-AL-PEX pipe pressing
- Long handles offer enough leverage
- Multi size jaws available for exchange
- Provide solid compression without leaking



Item NO.	Available Size	Available Die Sets	Foldable Grip	Crimper Length	Crimper Weight	Toolset Weight
IWS-1632B	16mm,20mm, 25/26mm,32mm	TH type / U type/ H type/ RF type	✓	600mm	2.8Kg	4.66Kg
IWS-1632C	16mm,20mm, 25/26mm,32mm	TH type / U type/ H type/ RF type	✗	600mm	2.8Kg	4.66Kg



	TH Type				
	Die Size	TH 16	TH 20	TH26	TH 32
	Die Size	16mm	20mm	26mm	32mm
	U Type				
	Die Size	U 16	U 20	U 25	U 32
	Die Size	16mm	20mm	26mm	32mm
	H Type				
	Die Size	H 16	H 20	H 25	H 32
	Die Size	16mm	20mm	26mm	32mm
	RF Type				
	Die Size	RF 12	RF 16	RF 20	RF 25
	Die Size	12mm	16mm	20mm	25mm



IWS-1632AF

COPPER TUBING PRESSING TOOLSET

- For copper tube pressing
- Secure crimping in seconds
- Automatic locking of pressing tongs
- Rotating 360 degree head
- Extendable handles for improved leverage
- Safe handles with slip-proof rubber coated grips
- Compatible with Viega Copper ,Pro-Press, Elkhart, Conex pipe fittings



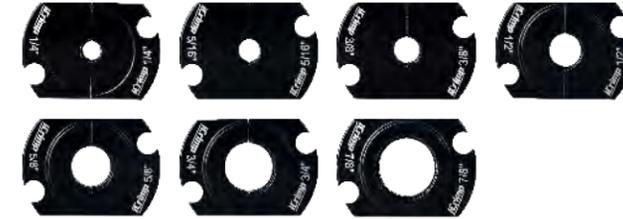
Extendable handles brings more power for copper pressing



Item NO.	Available Size	Application	Crimper Length	Crimper Weight	Toolset Weight
IWS-1632AF	1/2", 3/4", 1"	for north America	510mm	3.75Kg	5.48Kg
WS-1632AF ZL	1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"	for Zoomlock fittings	510mm	3.75Kg	6.57Kg
IWS-1632AF EU	15mm, 18mm, 22mm, 28mm	for Europe	510mm	3.75Kg	5.60Kg
IWS-1632AF AU	15mm, 20mm, 25mm	for Australia	510mm	3.75Kg	5.48Kg



for north America



for Zoomlock fittings



for Europe

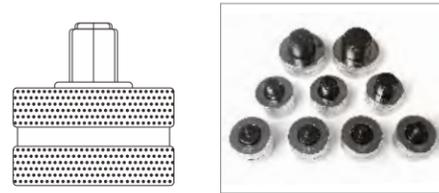


for Australia



IWS-1232H

HYDRAULIC COPPER TUBING EXPANDING TOOLSET



IWS-1232H

TECHNICAL DATA

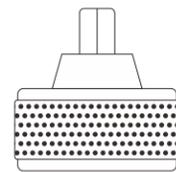
Expanding range	5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8", 1-3/8", 1-5/8"
Application	Copper Tube
Package	Plastic box
Weight	5.35Kg
Length	235mm

FS-1632

HYDRAULIC PAP&PEX TUBING EXPANDING TOOLSET



FS-1632



REHAU TYPE
Expansion Heads:
16,20,25,32mm

TECHNICAL DATA

Features	Customizable expansion heads
Application	PEX, PAP
Range	16,20,25,32mm
Package	Plastic carrying box
Weight	7.5Kg
Length	415mm

FT-1225

MANUAL PAP&PEX TUBING EXPANDING TOOLSET



FT-1225

TECHNICAL DATA

Features	Exchangeable compression jaws
Application	PEX,
Range	12,16,20,25mm
Package	Plastic carrying box
Weight	2.8Kg
Length	251mm

CT-670 / CT-650 / CT-532 / CT-428

ROLLER TYPE TUBE CUTTER

- Cuts CSST, stainless steel, aluminum, brass, and copper tube
- Ultra-sharp cut wheel features quick, easy, and high-accuracy cutting
- Multi ball bearings bring smooth and close-to-flare cuts
- High-quality steel construction for superior corrosion resistance
- Ergonomic adjust knob helps cutting tubing more quickly and easily



CT-670



CT-650



CT-532



CT-428

Item NO.	Description	Length	Weight
CT-670	For 1/4"-2 3/4" (6-70mm)	260mm	1.00Kg
CT-650	For 1/4"-2" (6-50mm)	190mm	0.52Kg
CT-532	For 3/16"-1 1/4" (5-32mm)	150mm	0.37Kg
CT-428	For 3/16"-1 1/8" (4-28mm)	90mm	0.20Kg



Grooved Rollers
for close-to-flare cuts

IWC-1625 / IWS-1625 / IWS-2032

TUBING CHAMFER TOOL

- Removes burrs from PEX-AL-PEX pipe edges
- Main body is constructed of durable plastic
- Internal deburring blade is made of hardened alloy steel

Item NO.	Description	Application
IWC-1625	16/20/25mm	Multilayer Pipe
IWS-1625	16/20/25mm	Multilayer Pipe
IWS-2032	20/25/32mm	Multilayer Pipe

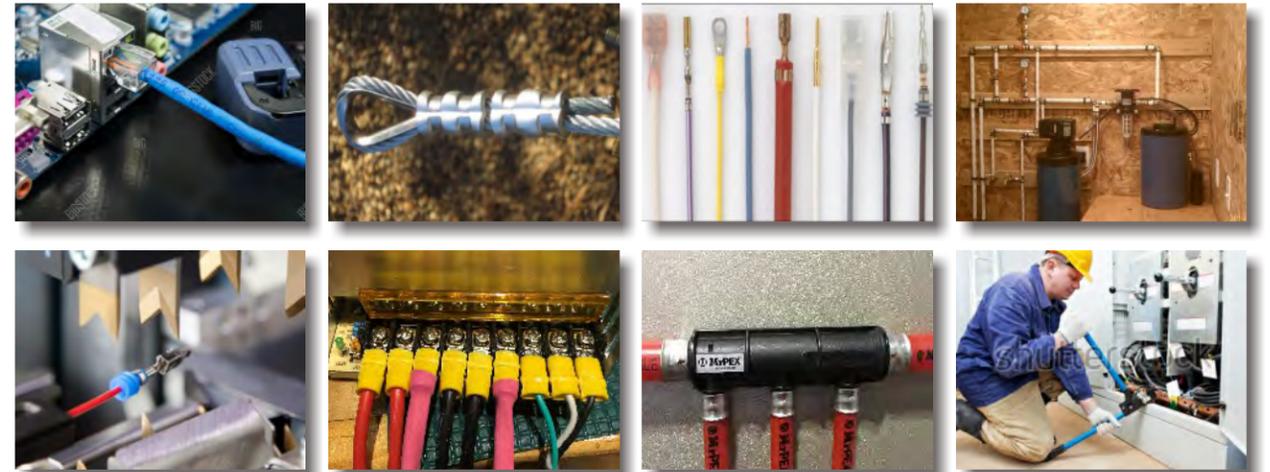


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Application Fields



Our Global Clients



