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Pliers and nippers for electronics

Electronic nippers(Box joint)
Precision pliers
Miniature pliers & nippers



Diagonal Cutting Nippers

HO-815-01



HO-815-02



Article No.	Length(mm)	Handles
HO-815-01	125	Dip-Coated
HO-815-02	125	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire(ømm)	Hard Wire(ømm)
HO-815-01	1.8	0.5
HO-815-02	1.8	0.5

- Box Joint
- Round head with a small bevel
- Cutting edges separately induction-hardened
- Double left spring producing smooth opening and closing
- Highly polished surface
- Material: special tool-steel, oil-hardened.

Flat Long Nose Nippers



HO-865-01



HO-865-02

Article No.	Length(mm)	Handles
HO-865-01	125	Dip-Coated
HO-865-02	125	Heavy-Insulated

- Box Joint
- Flat, wide jaws
- Smooth gripping surfaces
- Precision pliers for fine installation work in electronics and fine mechanics
- Double left spring producing smooth opening and closing
- Highly polished surface
- Material: special tool-steel, oil-hardened.

Bent Long Nose Nippers



HO-835-01



HO-835-02

Article No.	Length(mm)	Handles
HO-835-01	125	Dip-Coated
HO-835-02	125	Heavy-Insulated

- Box Joint
- 45° angled, flat, round long jaws
- Smooth gripping surfaces
- for gripping components and wires of the smallest diameters
- Double left spring producing smooth opening and closing
- Highly polished surface
- Material: special tool-steel, oil-hardened.

Long Nose Nippers



HO-825-01



HO-825-02

Article No.	Length(mm)	Handles
HO-825-01	125	Dip-Coated
HO-825-02	125	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire(ømm)	Hard Wire(ømm)
HO-825-01	1.5	0.5
HO-825-02	1.5	0.5

- Box Joint
- Flat, round jaws
- Gripping surfaces serrated
- Cutting edges separately induction-hardened
- Double left spring producing smooth opening and closing
- Highly polished surface
- Material: special tool-steel, oil-hardened.

End Cutting Nippers



HO-895-01



HO-895-02

Article No.	Length(mm)	Handles
HO-895-01	125	Dip-Coated
HO-895-02	125	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire(ømm)	Hard Wire(ømm)
HO-895-01	1.8	0.5
HO-895-02	1.8	0.5

- Box Joint
- Cutting edges with small bevel
- No faults in the circuit caused by peeling chrome from plated tools
- Double left spring producing smooth opening and closing
- Highly polished surface
- Material: special tool-steel, oil-hardened.

Stainless Steel Round Nose Pliers with Spring

Article No.	Length(mm)	Handles
HO-365	120	Soft plastic coated handle

- With flat, round jaw
- Gripping surface smooth
- With spring-loaded opening



HO-365

Stainless Steel Cutting Nippers with Spring

Article No.	Length(mm)	Handles
HO-375	110	Soft plastic coated handle

Cutting Capacities.

Article No.	Soft Wire(ømm)
HO-375	0.8



*Cutting edges
without bevel*



HO-375

Long Nose Pliers with Spring

Article No.	Length(mm)	Handles
HO-385	145	Soft plastic coated handle

- With flat, round jaw
- Serrated gripping surface
- With spring-loaded opening



HO-385

Side Cutter

Article No.	Length(mm)	Handles
HO-335	130	Soft plastic coated handle
HO-345	130	
HO-355	130	

Cutting Capacities.

Article No.	Soft Wire(ømm)
HO-335	0.8
HO-345	0.8
HO-355	0.8

- Precision ground blades without a bevel
- Precision sharp cutting edge
- Black Anti-Glare finish
- Blade for Soft Wire
- With spring-loaded opening

Cutting edges
without bevel



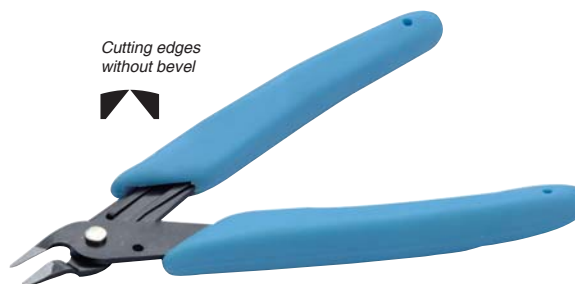
HO-335

Cutting edges
without bevel



HO-355

Cutting edges
without bevel



HO-345



Miniature Pliers & Nippers

- Small size, but with capacities same as regular size pliers
- They are miniature precision tools of full capacity
- Wide selection is provided to meet various application

Diagonal Nippers

Article No.	Length(mm)	Handles
HO-734	100	Dip-Coated
HO-7345	115	
HO-735	125	

Cutting Capacities.

Article No.	Soft Wire(ømm)	Hard Wire(ømm)
HO-734	1.2	-
HO-7345	1.5	-
HO-735	1.8	0.5

- With round head
- With spring-loaded opening

Cutting edges
with small bevel



HO-735

Article No.	Length(mm)	Handles
HO-7445	115	Dip-Coated

Cutting Capacities.

Article No.	Soft Wire(ømm)	Hard Wire(ømm)
HO-7445	1.5	-

- With flat ground head
- With spring-loaded opening

Cutting edges
with small bevel



HO-7445

Long Nose Pliers

Article No.	Length(mm)	Handles
HO-725	125	Dip-Coated

Cutting Capacities.

Article No.	Soft Wire(ømm)	Hard Wire(ømm)
HO-725	1.5	0.5

- With blade for soft & Hard Wire
- With flat, round jaw
- Serrated gripping surface
- With spring-loaded opening



HO-725

Article No.	Length(mm)	Handles
HO-714	100	Dip-Coated
HO-7145	120	
HO-715	125	

Cutting Capacities.

Article No.	Soft Wire(ømm)	Hard Wire(ømm)
HO-714	1.0	-
HO-7145	1.2	-
HO-715	1.5	0.5

- With blade for soft & Hard Wire
- With flat, round jaw
- Serrated gripping surface
- With spring-loaded opening



HO-715

Article No.	Length(mm)	Handles
HO-705B	125	Dip-Coated

- With flat, round jaw
- Gripping surface smooth
- With spring-loaded opening



HO-705B

Small Combination Pliers

Article No.	Length(mm)	Handles
HO-7545	115	Dip-Coated

Cutting Capacities.

Article No.	Soft Wire(ømm)	Hard Wire(ømm)
HO-7545	1.8	0.8

- Short overall length with cutting edges for soft & Hard Wire
- With spring-loaded opening



HO-7545

Mechanics End Cutting Nippers

Article No.	Length(mm)	Handles
HO-7645	115	Dip-Coated
HO-774	100	

Cutting Capacities.

Article No.	Soft Wire(ømm)	Hard Wire(ømm)
HO-7645	1.5	0.5
HO-774	1.2	0.5

- Cutting edge separately induction-hardened
- With spring-loaded opening



HO-7645



HO-774



Pliers and nippers for universal application

Diagonal cutting nippers

Long Nose pliers

Combination pliers

Wire Stripper

Diagonal Cutting Nippers

Article No.	Length(mm)	Handles
HO-535-01	125	Dip-Coated
HO-535-02	125	Heavy-Insulated
HO-536-01	160	Dip-Coated
HO-536-02	160	Heavy-Insulated
HO-537-01	175	Dip-Coated
HO-537-02	175	Heavy-Insulated

Cutting Capacities.			
Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-535-01	2.5	1.2	1.0
HO-535-02	2.5	1.2	1.0
HO-536-01	3.0	1.5	1.2
HO-536-02	3.0	1.5	1.2
HO-537-01	3.5	1.8	1.5
HO-537-02	3.5	1.8	1.5

- Induction-hardened precision cutting edges
- The cutting edges specifically for cutting soft & Hard Wires including Piano Wire
- Drop-forged, high Carbon Steel, Oil-hardened



HO-535-01



HO-536-02

Electrician's Diagonal Cutter with Wire Stripper

Article No.	Length(mm)	Handles
HO-536S-01	160	Dip-Coated

Cutting Capacities.			
Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-536S-01	3.0	1.5	1.2

- Essential pliers for electrical installation work
- With wire stripping function for cables of 1.5~2.5mm²
- Induction-hardened precision cutting edges
- Drop-forged, high Carbon Steel, Oil-hardened



HO-536S-01

Heavy Duty Diagonal Cutting Pliers

Article No.	Length(in.)	Handles
HO-536M-01	6	Dip-Coated
HO-536M-02	6	Heavy-Insulated
HO-538M-01	8	Dip-Coated
HO-538M-02	8	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-536M-01	3.5	2.0	1.5
HO-536M-02	3.5	2.0	1.5
HO-538M-01	4.0	2.5	1.8
HO-538M-02	4.0	2.5	1.8

- Hi-Leverage design
- Induction-hardened precision cutting edges
- The cutting edges specific for cutting soft & Hard Wires also Piano Wire
- Drop-forged, high Carbon Steel, Oil-hardened



HO-538M-01



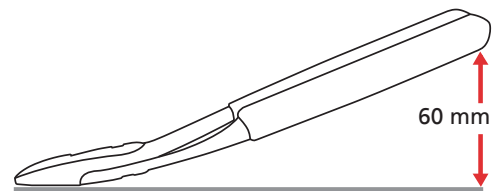
HO-538M-02

15° Angled Head Heavy Duty Diagonal Cutting Pliers

Article No.	Length(in.)	Handles
HO-538MB-01	8	Dip-Coated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-538MB-01	4.0	2.5	1.8



- 15° angled head for comfortable flush cutting
- Automotive tools for professional auto repair application
- Induction-hardened precision cutting edges
- The cutting edges specific for cutting soft & Hard Wires also Piano Wire
- Drop-forged, high Carbon Steel, Oil-hardened



HO-538MB-01

Slant Edge Diagonal Cutting Nippers

Article No.	Length(mm)	Handles
HO-536N-01	150	Dip-Coated
HO-536N-02	150	Heavy-Insulated
HO-536NC-01	150	Dip-Coated
HO-536NC-02	150	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)
HO-536N-01	2.0	0.5
HO-536N-02	2.0	0.5
HO-536NC-01	2.0	0.5
HO-536NC-02	2.0	0.5



- Slant and sharp edge perform excellent cutting ability
- Ideal for working on electrical appliances and wiring work
- With stripping function for cables of 0.5~0.75mm² and optional for crimping terminals of 0.5~2.5mm²

With wire stripper



HO-536N-01

With wire stripper



HO-536N-02

With wire stripper & crimping terminals



HO-536NC-01

With wire stripper & crimping terminals



HO-536NC-02

Snipe Nose Side Cutting Pliers

Article No.	Jaw	Length(mm)	Handles
HO-528-01	Straight	200	Dip-Coated
HO-528-02		200	Heavy-Insulated
HO-528B-01	45°	200	Dip-Coated
HO-528B-02		200	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)
HO-528-01	2.5	1.8
HO-528-02	2.5	1.8
HO-528B-01	2.5	1.8
HO-528B-02	2.5	1.8



- Long, flat, half-round jaws
- Serrated gripping surface
- For gripping, holding nuts and straight pins
- With cutting edge for hard and Soft Wires
- Cutting edges separately induction-hardened

Straight Jawer



HO-528-01



HO-528-02

Jaw angled at 45°



HO-528B-01



HO-528B-02

Snipe Nose Side Cutting Pliers

Article No.	Length(mm)	Handles
HO-526-01	150	Dip-Coated
HO-526-02	150	Heavy-Insulated

- Flat, half-round jaws
- Serrated gripping surface
- For gripping, holding nuts and straight pins
- With cutting edge for hard and Soft Wires
- With stripping function for cables of 0.5~0.75mm²

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)
HO-526-01	2.0	1.0
HO-526-02	2.0	1.0



HO-526-01



HO-526-02

Chain Nose Side Cutting Pliers

Article No.	Length(mm)	Handles
HO-526E-01	150	Dip-Coated
HO-526E-02	150	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire(ømm)	Hard Wire(ømm)
HO-526E-01	2.0	1.0
HO-526E-02	2.0	1.0

- Flat, half-round jaws
- Serrated gripping surface
- With cutting edge for hard and Soft Wires



HO-526E-01



Multipurpose Snipe Nose Pliers

Article No.	Length(mm)	Handles
HO-526M-01	150	Dip-Coated
HO-526M-02	150	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (\varnothing mm)	Hard Wire (\varnothing mm)
HO-526M-01	2.0	1.0
HO-526M-02	2.0	1.0



- Flat, half-round jaws
- Serrated gripping surface
- For gripping, holding nuts and bending wires
- With stripping function for cables of 0.5~0.75mm²
- With crimping terminals of 0.5~2.5mm²
- With cutting edges for Hard Wire and Soft Wires



HO-526M-01



HO-526M-02

Long Reach Nose Pliers

Article No.	Jaw	Length(in.)	Handles
HO-529A	Straight	9-1/2"	Dip-Coated
HO-529B	$\sphericalangle 45^\circ$	9-1/2"	Dip-Coated
HO-529C	$\sphericalangle 90^\circ$	9-1/2"	Dip-Coated

- Ideal long reach Nose pliers for use in intricate and confine working application
- Drop-foged, heat treated steel with fully polished for easy cleanup
- An Extra-slim head design offers accesses to hard to reach spaces
- The serrated tips for extra gripping power

⊖ *Straight*



HO-529A

⊖ $\sphericalangle 45^\circ$



HO-529B

⊖ $\sphericalangle 90^\circ$



HO-529C

Long Reach Hose Gripper Pliers

Article No.	Jaw	Length(in.)	Handles
HO-5211H	$\sphericalangle 70^\circ$	11	Dip-Coated

- Ideal for many applications including removing, replacing hoses, headlights, bulbs, etc.



HO-5211H

Combination Pliers(Euroepan Type)

Article No.	Length(in.)	Handles
HO-516G-01	6	Dip-Coated
HO-516G-02	6	Heavy-Insulated
HO-517G-01	7	Dip-Coated
HO-517G-02	7	Heavy-Insulated
HO-518G-01	8	Dip-Coated
HO-518G-02	8	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-516G-01	2.5	1.5	1.0
HO-516G-02	2.5	1.5	1.0
HO-517G-01	3.0	1.8	1.2
HO-517G-02	3.0	1.8	1.2
HO-518G-01	3.5	2.0	1.5
HO-518G-02	3.5	2.0	1.5

- Induction hardened cutting edges for soft, hard and Piano Wires
- With Serrated jaw
- With gripping zone for flat and round material, suitable for versatile use
- Drop forged high carbon steel, oil-hardened



The cutting edges are suitable for severing wire,nail,small cable



The serrated gripping jaw hold flat parts & small tools tightly



The knurled hole is for gripping and turning in round parts in particular



HO-518G-01



HO-518G-02

High Leverage Combination Pliers

Article No.	Length(in.)	Handles
HO-516-01	6	Dip-Coated
HO-516-02	6	Heavy-Insulated
HO-517-01	7	Dip-Coated
HO-517-02	7	Heavy-Insulated
HO-518-01	8	Dip-Coated
HO-518-02	8	Heavy-Insulated
HO-519-01	9	Dip-Coated
HO-519-02	9	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-516-01	3.0	1.5	1.0
HO-516-02	3.0	1.5	1.0
HO-517-01	3.5	2.0	1.5
HO-517-02	3.5	2.0	1.5
HO-518-01	4.0	2.5	2.0
HO-518-02	4.5	2.5	2.0
HO-519-01	4.5	3.0	2.2
HO-519-02	4.5	3.0	2.2

- High leverage design. Rivet is close to the cutting edges for 50% easier cutting
- Induction hardened cutting edges for soft, hard and Piano Wires
- With Serrated jaw
- With gripping zone for flat and round material, suitable for versatile use
- Drop forged high carbon steel, oil-hardened



The cutting edges are suitable for severing wire, nail, small cable



The serrated gripping jaw hold flat parts & small tools tightly



The knurled hole is for gripping and turning in round parts in particular



HO-517-01



HO-517-02

Combination Pliers

Article No.	Length(in.)	Handles
HO-516N-01	6	Dip-Coated
HO-516N-02	6	Heavy-Insulated
HO-517N-01	7	Dip-Coated
HO-517N-02	7	Heavy-Insulated
HO-518N-01	8	Dip-Coated
HO-518N-02	8	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-516N-01	2.3	1.2	0.8
HO-516N-02	2.3	1.2	0.8
HO-517N-01	2.5	1.5	1.0
HO-517N-02	2.5	1.5	1.0
HO-518N-01	3.0	1.8	1.2
HO-518N-02	3.0	1.8	1.2

- Induction hardened cutting edges for soft, hard and Piano Wires
- The serrated gripping jaw hold flat Parts & small tools tightly
- Drop forged high carbon steel, oil-hardened



The cutting edges are suitable for severing wire, nail, small cable



The serrated gripping jaw hold flat parts & small tools tightly



HO-518N-01



HO-518N-02

Combination Pliers with Cross Serrated

HO-518C-01



Article No.	Length(in.)	Handles
HO-518C-01	8	Dip-Coated
HO-518C-02	8	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-518C-01	3.0	1.8	1.2
HO-518C-02	3.0	1.8	1.2

- Enhanced serration in Jaw area ensure good holding power
- Drop forged high carbon steel, oil-hardened

Combination Pliers(European Type)
With Side Cutting Jaws

Article No.	Length(in.)	Handles
HO-516GM-01	6	Dip-Coated
HO-516GM-02	6	Heavy-Insulated
HO-517GM-01	7	Dip-Coated
HO-517GM-02	7	Heavy-Insulated
HO-518GM-01	8	Dip-Coated
HO-518GM-02	8	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-516GM-01	2.5	1.5	1.0
HO-516GM-02	2.5	1.5	1.0
HO-517GM-01	3.0	1.8	1.2
HO-517GM-02	3.0	1.8	1.2
HO-518GM-01	3.5	2.0	1.5
HO-518GM-02	3.5	2.0	1.5

- On head two sides with side cutting jaws. (As the side cutting jaws close to the rivet for 50% easier working than cutting edges)
- With Serrated jaw
- With gripping zone for flat and round material, suitable for versatile use
- Drop forged high carbon steel, oil-hardened



On head two sides with side cutting jaws



The serrated gripping jaw hold flat parts & small tools tightly



The knurled hole is for gripping and turning in round parts in particular



HO-518GM-01



HO-518GM-02

Combination Pliers with Connector Crimping

Article No.	Length(in.)	Handles
HO-518M-01	8	Dip-Coated
HO-518M-02	8	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-518M-01	3.0	1.8	1.2
HO-518M-02	3.0	1.8	1.2

- With crimping die function for Non-insulated connectors, plugs and terminals for 0.5~6.0mm²
- Drop forged high carbon steel, oil-hardened



HO-518M-01



HO-518M-02

Multi-Function Combination Pliers

Article No.	Length(in.)	Handles
HO-519M-01	9	Dip-Coated
HO-519M-02	9	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-519M-01	3.5	2.0	1.5
HO-519M-02	3.5	2.0	1.5

- On head two sides with side cutting jaws. (As the side cutting jaws close to the rivet for 50% easier working than cutting edges)
- With crimping die function for Non-insulated connectors, plugs and terminals for 0.5~6.0mm²
- With gripping zone for flat and round material, suitable for versatile use
- Induction hardened cutting edges for soft, hard and Piano Wires
- Drop forged high carbon steel, oil-hardened



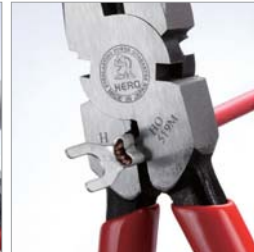
On head two sides with side cutting jaws



The serrated gripping jaw hold flat parts & small tools tightly



The cutting edges are suitable for severing wire, nail, small cable



With crimping die function



The knurled hole is for gripping and turning in round parts in particular



HO-519M-01



HO-519M-02

High Leverage Combination Pliers-Connector Crimping

Article No.	Length(in.)	Handles
HO-225-01	9	Dip-Coated
HO-225-02	9	Heavy-Insulated

Cutting Capacities.

Article No.	Soft Wire (\varnothing mm)	Hard Wire (\varnothing mm)	Piano Wire (\varnothing mm)
HO-225-01	4.5	3.0	2.2
HO-225-02	4.5	3.0	2.2

- Crimping die behind hinge for superior leverage crimping Non-insulated connectors, plugs and terminals
- High leverage design.
- Induction hardened cutting edges for soft, hard and Piano Wires
- With Serrated jaw
- With gripping zone for flat and round material, suitable for versatile use
- Drop forged high carbon steel, oil-hardened



With crimping die function



HO-225-01



HO-225-02



Heavy Duty Combination Pliers-Connector Cimping

Article No.	Length(in.)	Handles
HO-235-01	235	Dip-Coated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-235-01	4.5	3.2	2.8

- Crimping die behind hinge for superior leverage crimping Non-insulated connectors, plugs and terminals
- High leverage design
- Induction hardened cutting edges for soft, hard and Piano Wire
- Enhanced serration cross-hatched knurled Jaw for good holding power
- Drop forged high carbon steel, oil-hardened



The cutting edges are suitable for severing wire,nail,small cable



The serrated gripping jaw hold flat parts & small tools tightly



The cutting edges are suitable for severing wire,nail,small cable



With crimping die function



cross-hatched knurled jaw

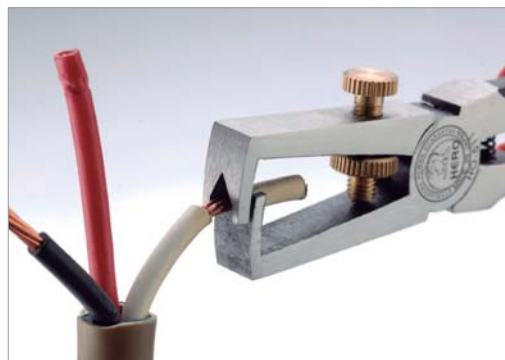


HO-235-01

Wire strippers

Article No.	Length(mm)	Handles
HO-511-01	160	Dip-Coated
HO-511-02	160	Heavy-Insulated

- With locking adjustable screw for setting the desired diameter, solid or stranded wire up to 5mm dia. Resp. 10mm²
- Easy adjustment to required diameter of solid or stranded wire with knurled screw and lock nut
- With opening spring and V-Shape cutting edges
- Material: special tool-steel, oil-hardened.



HO-511-01



HO-511-02



The image features two pairs of pliers with red handles and black jaws. One pair is positioned in the foreground, angled towards the bottom left, showing its spring mechanism. The second pair is in the background, angled towards the top right, with its jaws open. The background is a vibrant, abstract composition of overlapping translucent shapes in shades of green, blue, and purple. The pliers have silver-colored metal heads with a circular logo that reads 'LASTING POWER GUARANTEED HERO MADE IN JAPAN' and 'HO 4717'. The handles are red with 'HERO MADE IN JAPAN' printed on them.

Pliers and snips for specialist application

Circlip pliers

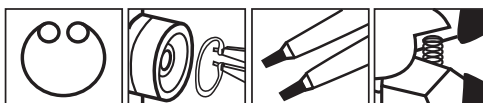
Internal Circlip Pliers (bore holes)

- Drop forged from Chrome Vanadium steel, oil hardened
- For inner rings in threads
- Precision Non slip tips
- Return Spring

Straight, Dip-Coated Handles



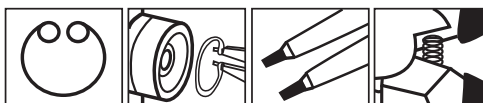
Article No.	Length(mm)	Size of bore (ømm)
HO-4705	125	3~25
HO-4707	175	19~60
HO-4709	225	40~100
HO-47012	300	85~140



Bent 90°, Dip-Coated Handles



Article No.	Length(mm)	Size of bore (ømm)
HO-4715	125	3~25
HO-4717	175	19~60
HO-4719	225	40~100
HO-47112	300	85~140



External Circlip Pliers (shafts)

- Drop forged from Chrome Vanadium steel, oil hardened
- For outer rings on shafts
- Precision Non slip tips
- With spring loaded opening

Straight, Dip-Coated Handles



HO-4727

Straight for Outer

Article No.	Length(mm)	Size of shaft (ømm)
HO-4725	125	3~25
HO-4727	175	19~60
HO-4729	225	40~100
HO-47212	300	85~140



Bent 90°, Dip-Coated Handles



HO-4737

Bent 90° for Outer

Article No.	Length(mm)	Size of shaft (ømm)
HO-4735	125	3~25
HO-4737	175	19~60
HO-4739	225	40~100
HO-47312	300	85~140



Special Retaining Ring Pliers

Article No.	Length(mm)	Handles
HO-4757	175	Dip-Coated
HO-4767	175	Dip-Coated
HO-4777	175	Dip-Coated

- Drop forged from Chrome Vanadium steel, oil hardened
- For circlips without holes on shaft systems e.g. on engines, gearboxes, differentials, clutches, brakes etc.
- For fitting and removing horseshoe-shaped spring retaining rings without grip holes
- With spring loaded opening

HO-4757



For retaining rings with a minimum ring split gap of 3.6 mm



HO-4767



angled jaws with centering hole for retaining rings according to standard from 12.0 mm dia., for example securing drive shaft in the gear box of a motor vehicle



HO-4777



External Circlip Pliers for fitting grip ring

Article No.	Length(mm)	Handles
HO-4745	125	Dip-Coated
HO-4747	175	Dip-Coated

- Drop forged from Chrome Vanadium steel, oil hardened
- For fitting grip rings from 4~30mm
- Precision Non-slip tips

HO-4747



Pliers and snips for specialist application

Tin snips

Locking pliers

Plastic side cutting nippers

Shear pliers



Aviation Snips

Article No.	Length(in.)	Handles color
HO-1410R	9-1/2"	Red
HO-1410L	9-1/2"	Green
HO-1410	9-1/2"	Yellow

Article No.	Function	Length of Cut
HO-1410R	Offset Right Snips	1-1/4"(32mm)
HO-1410L	Offset Leftt Snips	1-1/4"(32mm)
HO-1410	Offset Straight Snips	1-1/2"(38mm)

- Offset blades keep user's hand above materials being cut and flow material away from the blades
- Offset blades: cut 18 gauge cold-rolled sheet metal and 22 gauge stainless steel sheet metal
- Forged & heat treated steel blades for strength and durability
- Spring-loaded for self-opening action
- Closure latch for blade protection
- Comfort grip, color coated by cutting pattern

HO-1410R



HO-1410L



HO-1410



Stillson Type Tinman's snips

Article No.	Length(in.)	Handles
HO-128	8	Blue lacquered
HO-1210	10	Blue lacquered
HO-1212	12	Blue lacquered
HO-1214	14	Blue lacquered

- Traditional British styled.
- Cutting edges induction hardened
- For straight cutting sheet metal
- With spring and lock by oxhide
- With lacquered handles.
- Popular choice of users in British Confederation and Asia.
- Drop forged entirely

HO-1210



Tinner Snips (Shears)

Article No.	Length(in.)	Handles
HO-1508	8	Dip-Coated
HO-1510	10	Dip-Coated
HO-1512	12	Dip-Coated

- Traditional American style.
- Popular choice for users in America and Asia.
- Designed for cutting straight and wide curves to the left or right.
- Cushion handle with smooth, comfortable bows for easy usage and safety.
- Induction hardened cutting edges
- Drop forged entirely



HO-1510

Duck Mouth Tinman's Snips

Article No.	Length(in.)	Handles
HO-1310	10	Dip-Coated

- Traditional Asia style.
- Designed for cutting straight
- With the spring and lock chain
- Induction hardened cutting edges
- Drop forged entirely



HO-1310

Locking Pliers

Article No.	Length (in.)	Handle Finish	Jaw Type	Jaw Capacities (mm)
HO-2007	7	Nickel-Plated	Curved	41
HO-2010	10			44
HO-2107	7	Nickel-Plated	Long Nose	57
HO-2110	10			73
HO-2207	7	Nickel-Plated	Straight	29
HO-2210	10			41

- Multi-purpose tool - Pliers, pipe wrench, adjustable wrench, all-purpose clamp and wire cutter
- Precision machined gripping jaws for greater holding power.
- Variable pressure control with a quick turn of the adjustment screw.
- Release lever quickly and easily unlocks the gripping jaws.
- Alloy steel is hardened for maximum strength and durability.
- Durable nickel plated finish provides corrosion resistance and long life.

HO-2010

Curved jaw applies four points of pressure on any style of nut or bolt.



HO-2110

Long, straight Nose provides easy access in narrow, hard-to-reach places. ideal for precision work and hobbies



HO-2210

Straight Jaw provide maximum contact on flat, square or hex work ideal for welding and other metal work



Plastic Side Cutting Nippers

Article No.	Length(mm)	Handles
HO-535P	125	Dip-Coated
HO-536P	150	Dip-Coated

- Non-bevelled, for flush cutting sprues of plastic components
- For plastic injection mouldings
- With cutting face flush ground
- With spring-loaded opening

HO-536P

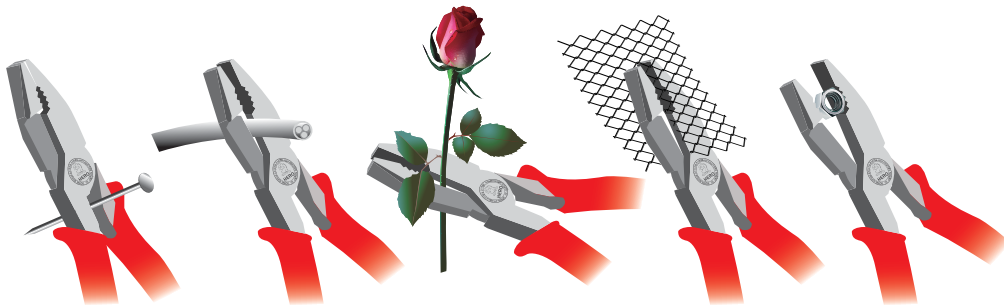


Shear Pliers

Article No.	Length(mm)	Handles
HO-508	200	Heavy-Insulated

- Shearing jaws can be used as tin snips or electrical cable cutter
- Suitable for cutting metal sheets, foils and similar flat parts
- The serrated gripping jaws hold workpieces tightly
- The pincer between the handles severs wires and nails

HO-508



Pliers and cutters for electrical application

VDE insulated pliers



VDE-Insulated Pliers

- Handle insulation meet all the requirement of the VDE standard
- The VDE pliers are approved for 1000Volt AC and 1500Volt DC

Diagonal Cutting Pliers

Article No.	Length(mm)	Handles
HO-536-03	160	Heavy Insulated VDE-tested ⚡ 1000V
HO-537-03	175	

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-536-03	3.0	1.5	1.2
HO-537-03	3.5	1.8	1.5

- Induction-hardened precision cutting edges
- The cutting edges specific for cutting soft & Hard Wires including Piano Wire
- Drop-forged, high Carbon Steel, Oil-hardened

HO-536-03



Heavy Duty Diagonal Cutting Pliers

Article No.	Length(in.)	Handles
HO-536M-03	6	Heavy Insulated VDE-tested ⚡ 1000V
HO-538M-03	8	

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-536M-03	3.5	2.0	1.5
HO-538M-03	4.0	2.5	1.8

- Hi-Leverage design
- Induction-hardened precision cutting edges
- The cutting edges specific for cutting soft & Hard Wires also Piano Wire
- Drop-forged, high Carbon Steel, Oil-hardened

HO-538M-03



Snipe Nose Side Cutting Pliers



Article No.	Length(mm)	Handles
HO-528-03	200	Heavy Insulated VDE-tested △ 1000V

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)
HO-528-03	2.5	1.8

- Long, flat, half-round jaws
- Serrated gripping surface
- For gripping, holding nuts and straight pins
- With cutting edge for hard and Soft Wires
- Cutting edges separately induction-hardened

Snipe Nose Side Cutting Pliers



Article No.	Length(mm)	Handles
HO-526-03	150	Heavy Insulated VDE-tested △ 1000V

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)
HO-526-03	2.0	1.2

- Flat, half-round jaws
- Serrated gripping surface
- For gripping, holding nuts and straight pins
- With cutting edge for hard and Soft Wires
- With stripping function for cables of 0.5~0.75mm²

Wire strippers



Article No.	Length(mm)	Handles
HO-511-03	160	Heavy Insulated VDE-tested △ 1000V

- With locking adjustable screw for setting the desired diameter, solid or stranded wire up to 5mm dia. Resp. 10mm²
- Easy adjustment the required diameter of solid or stranded wire with knurled screw and lock nut
- With opening spring and V-Shape cutting edges
- Material: special tool-steel, oil-hardened.

Combination Pliers with Connector Crimping

Article No.	Length(in.)	Handles
HO-518M-03	8	Heavy Insulated VDE-tested △ 1000V

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-518M-03	3.0	1.8	1.2

- With crimping die function for Non-insulated connectors, plugs and terminals for 0.5~6.0mm²
- Drop forged high carbon steel, oil-hardened

HO-518M-03



Combination Pliers(European Type) With Side Cutting Jaws

Article No.	Length(in.)	Handles
HO-519M-03	9	Heavy Insulated VDE-tested △ 1000V

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-519M-03	3.5	2.0	1.5

- On head two sides with side cutting jaws. (As the side cutting jaws close to the rivet for 50% easier working than cutting edges)
- With crimping die function for Non-insulated connectors, plugs and terminals for 0.5~6.0mm²
- With gripping zone for flat and round material, suitable for versatile use
- Induction hardened cutting edges for soft, hard and Piano Wires
- Drop forged high carbon steel, oil-hardened

HO-519M-03



High Leverage Combination Pliers

Article No.	Length(in)	Handles
HO-517-03	7	Heavy Insulated VDE-tested △ 1000V
HO-518-03	8	

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-517-03	3.5	2.0	1.5
HO-518-03	4.0	2.5	2.0

- High leverage design. Rivet is close to the cutting edges for 50% easier cutting
- Induction hardened cutting edges for soft, hard and Piano Wires
- With Serrated jaw
- With gripping zone for flat and round material, suitable for versatile use
- Drop forged high carbon steel, oil-hardened

HO-518-03



Combination Pliers(European Type)

Article No.	Length(in)	Handles
HO-517GM-03	7	Heavy Insulated VDE-tested △ 1000V
HO-518GM-03	8	

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-517GM-03	3.0	1.8	1.2
HO-518GM-03	3.5	2.0	1.5

- On head two sides with side cutting jaws. (As the side cutting jaws close to the rivet for 50% easier working than cutting edges)
- With serrated jaw
- With gripping zone for flat and round materials, suitable for versatile use
- Drop forged high carbon steel, oil-hardened

HO-518GM-03






Tools for Installations

Pipe wrench

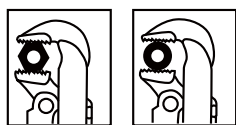
Pump pliers

Adjustable wrench

Pipe Wrenches 90°

Article No.	Length (mm)	 inch	Pipe Capacities (mm)	Handles
HO-9010	310	1	42	Red lacquered
HO-9015	420	1-1/2	60	
HO-9020	560	2	70	
HO-9030	625	3	105	
HO-9040	750	4	125	


- 90° offset. Slim-line model
- With reinforced sleeve
- Jaws with offset teeth in opposite direction, especially induction hardened
- Self-grip function on the workpiece
- Captive adjustment nut
- Safety clamping protection against squeezing injuries
- Chrome Vanadium Steel, drop forged, quenched and tempered



HO-9015



S-Type Pipe Wrenches 45°

Article No.	Length (mm)	 inch	Pipe Capacities (mm)	Handles
HO-4510	320	1	42	Red lacquered
HO-4515	420	1-1/2	60	
HO-4520	540	2	70	

- Slim, S-Type 45° jaw
- With reinforced sleeve
- Jaws with offset teeth in opposite direction, especially induction hardened
- Self-grip function on the workpiece
- Captive adjustment nut
- Safety clamping protection against squeezing injuries
- Chrome Vanadium Steel, drop forged, quenched and tempered



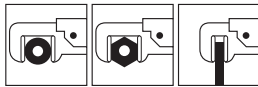
HO-4515



Stillson Pipe Wrenches

Article No.	Length (mm)	Jaw Capacities (in)	Handles
PW-200	200	3/4"	Handle blue, head black lacquered
PW-250	250	1"	
PW-300	300	1 1/4"	
PW-350	350	1 1/2"	
PW-450	450	2"	
PW-600	600	2 1/2"	
PW-900	900	3 1/2"	
PW-1200	1200	4 1/2"	

- Stillson pipe wrenches with classic design in forged and tempered steel
- Unbreakable housing and shaft and induction hardened teeth
- Hardened adjustment nut presses onto the handle in use
- Provide an instant grip on the pipe and efficient self-tightening and ratchet-like action



PW-350



Water Pump Pliers

Article No.	Length (in.)	Handles	Pipe Capacities (in)
HO-180-01	7	Dip-Coated	1/8~1-1/4
HO-250-01	10	Dip-Coated	1/8~1-1/2

- Induction hardened jaw toothing, extremely hard and durable
- With heavy duty box joint construction
- Self-gripping on pipes and nuts
- 7-position adjustment
- Optimum lever action
- Safety clamping protection against squeezing injuries
- Chrome Vanadium electric steel, oil-hardened



HO-250



Adjustable Wrenches

Article No.	Length(in.)	Pipe Capacities (mm)
HAW-100	4	13
HAW-150	6	20
HAW-200	8	25
HAW-250	10	30
HAW-300	12	35
HAW-375	15	45
HAW-450	18	55
HAW-600	24	65

- Extra capacity allows use of a smaller size wrench to handle bigger jobs, especially in confined spaces.
- Forged heat-treated alloy steel for maximum strength and light weight.
- With a rust resistant high polish chrome finish.
- Precision-machined jaws are individually chosen and assembled by hand for smooth operation.
- Handle hole for tethering, hanging or storage.

HAW-100





Construction tools for cutting

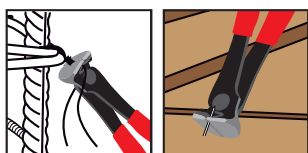
End cutting nippers
Cable cutters
Bolt Cutters

End Cutting Nippers

Article No.	Length(in.)	Handles
HO-916	6	Dip-Coated
HO-917	7	Dip-Coated
HO-918	8	Dip-Coated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Med. Hard Wire (ømm)	Hard Wire (ømm)
HO-916	4.0	2.8	2.3
HO-917	4.0	3.2	2.5
HO-918	4.0	3.5	2.8



HO-916

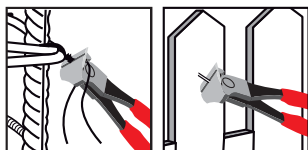
- Smoothly ground heads
- Cutting edges separately induction hardened
- For cutting Hard Wire, medium Hard Wire and Soft Wire
- Suitable for twisting and cutting binding wire
- Special quality high grade tool steel, oil hardened

High Leverage End Cutting Nippers

Article No.	Length(in.)	Handles
HO-906	6	Dip-Coated
HO-907	7	Dip-Coated
HO-908	8	Dip-Coated

Cutting Capacities.

Article No.	Med. Hard Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-906	3.1	2.0	1.5
HO-907	3.4	2.5	2.0
HO-908	3.8	3.0	2.5



HO-908

- High Leverage design
- Width of blades
- Leverage ratio of handles to blades
- Cutting edges separately induction hardened
- Cutting edges for soft, hard and Piano Wires
- Special quality high grade tool steel, oil hardened

Concretors' Nippers

Article No.	Length(in.)	Handles
HO-928-0	8	Black atramentized
HO-928-1	8	Dip-Coated
HO-929-0	9	Black atramentized
HO-929-1	9	Dip-Coated
HO-9210-0	10	Black atramentized
HO-9210-1	10	Dip-Coated

- To twist and cut binding wires in one operation
- Fast, reliable, and economical
- Cutting edges separately induction hardened
- Cutting edges for medium, hard wries
- Special quality high grade tool steel, oil hardened

Cutting Capacities.

Article No.	Med. Hard Wire (ømm)	Hard Wire (ømm)
HO-928-0	1.8	1.4
HO-928-1	1.8	1.4
HO-929-0	2.4	1.6
HO-929-1	2.4	1.6
HO-9210-0	2.4	1.6
HO-9210-1	2.4	1.6



HO-9210-1



HO-9210-0



Carpenters' Pincers

Article No.	Length(in.)	Handles
HO-936-01	6	Dip-Coated
HO-937-01	7	Dip-Coated
HO-938-01	8	Dip-Coated

- For the toughest demands
- Heavy duty nail puller with striking face for driving in nails.
- Special tool steel, oil hardened

Cutting Capacities.

Article No.	Med. Hard Wire (ømm)
HO-936-01	1.8
HO-937-01	2.0
HO-938-01	2.2

HO-937-01



Cable Shears

Article No.	Length(in.)	Handles
HO-556-01	6	Dip-Coated
HO-558-01	8	Dip-Coated

Cutting Capacities.

Article No.	Cooper & Alum. Cable (ø mm)	Cooper & Alum. Cable (mm ²)
HO-556-01	8	35
HO-558-01	12	50

- For cutting copper and aluminium cables, single and multiple wire
- precision ground, hardened blades
- clean and smooth cut without crushing and deformation
- easy cutting with one-hand operation
- initial and final cut (upper and lower blade) allows cables of up to 20 mm dia. to be cut
- low handforce required due to favourable lever ratio
- Drop forged, high-grade special tool steel

HO-558-01



High-Leverage Cable Shears

Article No.	Length(in.)	Handles
HO-559-01	9-1/2"	Dip-Coated

Cutting Capacities.

Article No.	Cooper & Alum. Cable (ø mm)	Cooper & Alum. Cable (mm ²)
HO-559-01	19	70

- High-Leverage design
- For cutting copper and aluminium cables, single and multiple wire
- Precision, one-hand shearing action
- clean and smooth cut without crushing and deformation
- Cable-gripping shear type jaw
- Perfect for working in confined spaces

HO-559-01



WARNING: DO NOT use to cut steel and hard drawn copper conductors

Cable Cutters

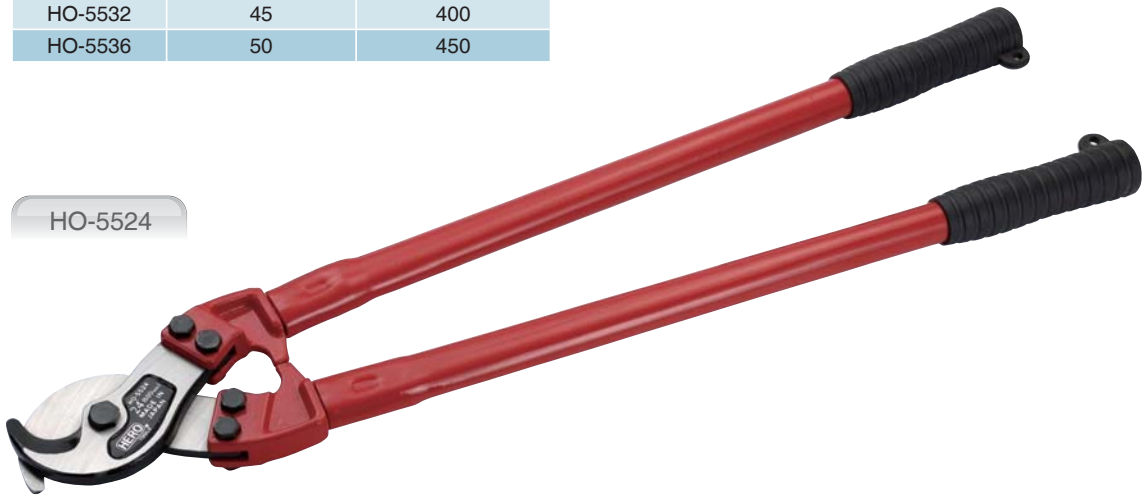
Article No.	Length(in.)	Handles
HO-5518	18	Red Lacquered
HO-5524	24	Red Lacquered
HO-5532	32	Red Lacquered
HO-5536	36	Red Lacquered

Cutting Capacities.

Article No.	Cooper & Alum. Cable (ø mm)	Cooper & Alum. Cable (mm ²)
HO-5518	27	150
HO-5524	32	240
HO-5532	45	400
HO-5536	50	450

- For cutting copper and aluminium cables, single and multiple wire
- Efficient shear-type cable cutter
- precision ground, hardened blades
- clean and smooth cut without crushing and deformation
- Screw-connected cutter head, replaceable
- Blade head: high-grade chrome vanadium electric steel, forged, oil-hardened
- Handle: steel tube

HO-5524



WARNING: DO NOT use to cut steel and hard drawn copper conductors

Mini Bolt Cutters

Article No.	Length(in.)	Handles
HO-118	8	Dip-Coated

Cutting Capacities.

Article No.	Soft Wire (ømm)	Hard Wire (ømm)	Piano Wire (ømm)
HO-118	6.0	4.0	3.5

- With precision cutting edges for soft, hard and Piano Wires
- Cut materials like bolts, nails, rivets... etc.
- Cutting edges additionally induction hardened
- Drop forged, Chrome Vanadium heavy duty steel, oil-hardened



HO-118

Bolt Cutters

Article No.	Length(in.)	Handles
HO-1012	12	Red Lacquered
HO-1014	14	Red Lacquered
HO-1018	18	Red Lacquered
HO-1024	24	Red Lacquered
HO-1030	30	Red Lacquered
HO-1036	36	Red Lacquered
HO-1042	42	Red Lacquered

Cutting Capacities.

Article No.	HRC 19° (ømm)
HO-1012	6.0
HO-1014	7.0
HO-1018	8.0
HO-1024	9.0
HO-1030	11.0
HO-1036	13.0
HO-1042	15.0

- Precision cutting edges additionally induction hardened
- Good access due to very flat construction of head and joint area
- Ergonomically angled handles to minimise effort.
- sturdy Non-slip handles
- high cutting performance with minimum effort
- Screw-connected cutter head, replaceable • Blade: chrome vanadium heavy-duty steel, forged, oil-hardened Joint: special tool steel, forged Handle: steel tube, powder-coated

HO-1024





Tools for screw tightening

Screwdrivers series
Bits series

Crystal Line Color Screwdrivers

Article No.	mm(Inch)	Tip Size		mm	mm	Inner	Outer
		⊖	⊕				
100	63mm(2-1/2")	2.5	#00	16	57	12	50
101	75mm(3")	3.2	#0	16	57	12	50
	100mm(4")	3.2	#0	16	57	12	50
	150mm(6")	3.2	#0	16	57	12	50
	200mm(8")	3.2	#0	16	57	12	50
102	75mm(3")	5.0	#1	20.5	84	12	20
	100mm(4")	5.0	#1	20.5	84	12	20
	150mm(6")	5.0	#1	20.5	84	12	20
	200mm(8")	5.0	#1	20.5	84	12	20
104	75mm(3")	5.0	#1	20.5	84	12	20
	250mm(10")	5.0	#1	20.5	84	12	20
	300mm(12")	5.0	#1	20.5	84	12	20
	38mm(1-1/2")	6.0	#2	28.5	47	12	20
107	100mm(4")	6.0	#2	24.5	89	12	20
	125mm(5")	6.0	#2	24.5	89	12	20
	150mm(6")	6.0	#2	24.5	89	12	20
	200mm(8")	6.0	#2	24.5	89	12	20
	250mm(10")	6.0	#2	24.5	89	12	20
106	300mm(12")	6.0	#2	24.5	89	12	20
	150mm(6")	8.0	#3	29	106	6	10
	200mm(8")	8.0	#3	29	106	6	10
	250mm(10")	8.0	#3	29	106	6	10
	300mm(12")	8.0	#3	29	106	6	10

- Acetate Handle
- Chrome-Vanadium Blade
- Magnetic Tip
- Chrome Plated



Line Color Screwdrivers

Article No.	mm(Inch)	Tip Size		mm	mm	Inner	Outer
		⊖	⊕				
6300	75mm(3")	3.2	#0	16	57	12	50
	100mm(4")	3.2	#0	16	57	12	50
	150mm(6")	3.2	#0	16	57	12	50
	200mm(8")	3.2	#0	16	57	12	50
	75mm(3")	5.0	#1	20.5	84	12	20
	100mm(4")	5.0	#1	20.5	84	12	20
	150mm(6")	5.0	#1	20.5	84	12	20
	200mm(8")	5.0	#1	20.5	84	12	20
	250mm(10")	5.0	#1	20.5	84	12	20
	38mm(1-1/2")	6.0	#2	28.5	47	12	20
	100mm(4")	6.0	#2	24.5	89	12	20
	125mm(5")	6.0	#2	24.5	89	12	20
	150mm(6")	6.0	#2	24.5	89	12	20
	200mm(8")	6.0	#2	24.5	89	12	20
	250mm(10")	6.0	#2	24.5	89	12	20
	300mm(12")	6.0	#2	24.5	89	12	20
	150mm(6")	8.0	#3	29	106	6	10
	200mm(8")	8.0	#3	29	106	6	10
	250mm(10")	8.0	#3	29	106	6	10
	300mm(12")	8.0	#3	29	106	6	10

- Acetate Handle
- Chrome-Vanadium Blade
- Magnetic Tip
- Chrome Plated



Shining Line Color Screwdrivers

Article No.	mm(Inch)	Tip Size		mm	mm	Inner	Outer
		⊖	⊕				
6400	63mm(2-1/2")	2.5	#00	16	57	12	50
	75mm(3")	3.2	#0	16	57	12	50
	100mm(4")	3.2	#0	16	57	12	50
	150mm(6")	3.2	#0	16	57	12	50
	200mm(8")	3.2	#0	16	57	12	50
	75mm(3")	5.0	#1	20.5	84	12	20
	100mm(4")	5.0	#1	20.5	84	12	20
	150mm(6")	5.0	#1	20.5	84	12	20
	200mm(8")	5.0	#1	20.5	84	12	20
	250mm(10")	5.0	#1	20.5	84	12	20
	300mm(12")	5.0	#1	20.5	84	12	20
	38mm(1-1/2")	6.0	#2	28.5	47	12	20
	100mm(4")	6.0	#2	24.5	89	12	20
	125mm(5")	6.0	#2	24.5	89	12	20
	150mm(6")	6.0	#2	24.5	89	12	20
	200mm(8")	6.0	#2	24.5	89	12	20
	250mm(10")	6.0	#2	24.5	89	12	20
	300mm(12")	6.0	#2	24.5	89	12	20
	150mm(6")	8.0	#3	29	106	6	10
	200mm(8")	8.0	#3	29	106	6	10
	250mm(10")	8.0	#3	29	106	6	10
300mm(12")	8.0	#3	29	106	6	10	

- Acetate Handle
- Chrome-Vanadium Blade
- Magnetic Tip
- Chrome Plated



Square Shank Go-Thru Screwdrivers

Article No.	mm(Inch)	Tip Size		mm	mm	Inner	Outer
		⊖	⊕				
3600	75mm(3")	6.0	#2	25	97	12	20
	100mm(4")	6.0	#2	25	97	12	20
	125mm(5")	6.0	#2	25	97	12	20
	150mm(6")	6.0	#2	25	97	12	20
3800	150mm(6")	8.0	#3	30	112	6	10
	200mm(8")	8.0	#3	30	112	6	5
	250mm(10")	8.0	#3	30	112	6	5
300mm(12")	8.0	#3	30	112	6	5	

- Tang-Thru Square Shank
- Chrome-Vanadium Blade
- Magnetic Tip
- Chrome Plated
- Fully Hardened



Amber Color Line Screwdrivers

Article No.	mm(Inch)	Tip Size		mm	mm	Inner	Outer
		⊖	⊕				
AM-6500	75mm(3")	4.0	#1	17.5	72	12	20
	100mm(4")	4.0	#1	17.5	72	12	20
	125mm(5")	4.0	#1	17.5	72	12	20
	150mm(6")	4.0	#1	17.5	72	12	20
	38mm(1-1/2")	6.0	#2	29	48	12	20
	100mm(4")	6.0	#2	24.5	96	12	20
	125mm(5")	6.0	#2	24.5	96	12	20
	150mm(6")	6.0	#2	24.5	96	12	20
	200mm(8")	6.0	#2	24.5	96	12	20
	300mm(12")	6.0	#2	24.5	96	12	20
	150mm(6")	8.0	#3	29	106	6	10
	200mm(8")	8.0	#3	29	106	6	10
	250mm(10")	8.0	#3	29	106	6	10
	300mm(12")	8.0	#3	29	106	6	10

- Square Shank
- Rugged Design
- Chrome-Vanadium Blade
- Magnetic Tip
- Chrome Plated
- Fully Hardened
- Wrench Can be use
- Can Be Hammer











Hammer Square Shank Screwdrivers

Article No.	mm(Inch)	mm	mm	mm	mm
HO-12150	150mm(6")	18	11	30	115

- Square Shank
- Chrome-Vanadium Blade
- Chrome Plated
- Fully Hardened
- Wrench Can be use
- Can Be Hammer
- Ideal for concrete bricks, ceramic tiles, corrosion scraping, forzen bolts & nuts etc.










Jumbo Go-Thru Screwdrivers

Article No.								
	mm(Inch)	mm	mm	mm	mm	mm	Inner	Outer
4300	300mm(12")	11	10.0	30	115	6	5	
4350	350mm(14")	11	10.0	30	115	6	5	
4500	500mm(20")	12	12.7	34	165	6	2	
4600	600mm(24")	13	13.5	34	165	6	2	

- Square Shank
- Chrome-Vanadium Blade
- Chrome Plated
- Fully Hardened









Crystal Two-Way Screwdrivers

Article No.		Tip Size						
	mm(Inch)	mm	mm	mm	mm	mm	Inner	Outer
C-4075S	75mm(3")	#1 x 4.0	HEX 4.0	22	77	12	20	
C-4100S	100mm(4")	#1 x 4.0	HEX 4.0	22	77	12	20	
C-4150S	150mm(6")	#1 x 4.0	HEX 4.0	22	77	12	20	
C-4200S	200mm(8")	#1 x 4.0	HEX 4.0	22	77	12	20	
C-6038S	38mm(1-1/2")	#2 x 6.0	HEX6.35	28.5	50	12	30	
C-6100	100mm(4")	#2 x 6.0	HEX6.35	27	96	12	20	
C-6150	150mm(6")	#2 x 6.0	HEX6.35	27	96	12	20	
C-6200	200mm(8")	#2 x 6.0	HEX6.35	27	96	12	20	

- Acetate Handle
- Chrome Vanadium steel hardened blade
- Magnetized blade
- 2-headed reversible blade #2(+) / 6.0(-)










Diamond Two-Way Screwdrivers

Article No.	 mm(Inch)	Tip Size		 mm	 mm	 mm	 Inner	 Outer
		#2 x	mm					
D-6038	38mm(1-1/2")	#2 x	6.0	HEX6.35	28.5	50	12	20
D-6100	100mm(4")	#2 x	6.0	HEX6.35	31.7	104	12	20
D-6150	150mm(6")	#2 x	6.0	HEX6.35	31.7	104	12	20
D-6200	200mm(8")	#2 x	6.0	HEX6.35	31.7	104	12	20

- Acetate Handle with diamond style
- Chrome Vanadium steel hardened blade
- Magnetized blade
- 2-headed reversible blade #2(+)/ 6.0(-)









Electrical Works Screwdrivers

Article No.	 mm(Inch)	Tip Size		 mm	 mm	 Inner	 Outer
							
EW-607	100mm(4")	6.0	#2	43.6	129	12	144
	150mm(6")	6.0	#2	43.6	129	12	144
	200mm(8")	6.0	#2	43.6	129	12	144

- Sufficient fastening power for screw
- Soft Insulated Handle
- Different color for (+)(-)
- Chrome Vanadium Steel Hardened
- Black point blade
- Magnetic Tip






Electrical Two-Way Screwdrivers

Article No.		Tip Size						
	mm(Inch)	mm		mm	mm	mm	Inner	Outer
R-6100	100mm(4")	#2	x 6.0	HEX6.35	41	102	12	144
R-6150	150mm(6")	#2	x 6.0	HEX6.35	41	102	12	144
R-6200	200mm(8")	#2	x 6.0	HEX6.35	41	102	12	144

- Ergonomically design comfortable cushion grip
- Chrome Vanadium steel hardened blade
- Magnetized blade
- 2-headed reversible blade #2(+) / 6.0(-)



Crystal Socket Drivers

Article No.			
	mm	mm	mm
6600	4.0	6.0	85
	4.5	6.0	85
	5.5	6.0	85
	6.0	6.0	85
	7.0	6.0	85
	8.0	6.0	85
	9.0	7.2	85
	10.0	7.2	85
	11.0	8.5	85
	12.0	8.5	85
	13.0	8.5	85

- Acetate Handle
- Exclusive for hexagonal bolts & nuts
- Socket size is displayed at the end of grip



7-In-1 Multi-Use Screwdrivers



- Detachable design
- Stainless steel tube
- Acetate revolving handle
- Contents 7pcs hardened steel bits: 5.0X25MM, #1X25MM, 6.0X25MM, #2X25MM #3X25MM, T15, T20.

6700A



7-In-1 Multi-Use Flexible Screwdrivers





Easy working in narrow area
Universal flexible design for easy into hard to reach places.

- Detachable design
- Stainless steel flexible tube Available length: 8", 10, 12"
- Acetate revolving handle
- Contents 7pcs hardened steel bits: 5.0X25MM, #1X25MM, 6.0X25MM, #2X25MM #3X25MM, T15, T20.

6700B



Micro Precision Drivers

Article No.			Tip
	mm	mm	
6800	2.5	75	⊖
	2.5	75	⊕
	3.0	100	⊖
	3.0	100	⊕
	3.0	125	⊖
	3.0	125	⊕
	3.0	150	⊖
	3.0	150	⊕

- Optimum design for precision fastening
- Handle is designed for smooth torque transfer
- Black point blade edge for dramatic improvement of precision
- Chrome Vanadium steel hardened
- Swivel head for precision driving



Ratchet T-Driver



- Patented folding T-Handle generates 5 times the torque of a conventional screwdriver
- Ergonomic design is versatile and provides excellent leverage
- Double-ended bits are made from premium tool steel
- 3pcs Double end bits: #1(+) x 1/8"(-), #2(+) \times 3/16"(-), #3(+) \times 1/4"(-)



RT-601

Pocket T-Driver



- Patented folding T-Handle generates 5 times the torque of a conventional screwdriver
- Ergonomic design is lightweight, versatile and provides excellent leverage
- Compact size includes convenient pocket clip
- Double-ended bits are made from premium tool steel
- 3pcs Double end bits: #1(+) x 1/8"(-), #2(+) \times 3/16"(-), #3(+) \times 1/4"(-)



PT-601

Green Square Shank Go-Thru Drivers

Article No.	mm(Inch)	Tip Size		mm	mm	Inner	Outer
		⊖	⊕				
5500	75mm(3")	5.0	#1	25	97	12	20
	100mm(4")	5.0	#1	25	97	12	20
5600	100mm(4")	6.0	#2	25	97	12	20
	125mm(5")	6.0	#2	25	97	12	20
	150mm(6")	6.0	#2	25	97	12	20
5800	150mm(6")	8.0	#3	30	112	6	10
	200mm(8")	8.0	#3	30	112	6	5
	250mm(10")	8.0	#3	30	112	6	5
	300mm(12")	8.0	#3	30	112	6	5
5638	38mm(1-1/2")	6.0	#2	28.5	47	12	20
	38mm(1-1/2")	6.0	#2	28.5	47	12	20

- Tang-Thru Square Shank
- Chrome-Vanadium Blade
- Magnetic Tip
- Chrome Plated
- Fully Hardened





Bits Series

Golden Color Power Bits Set

10pcs set in Waist Belt Packing

Article No.	Contents	Pcs/ set
BG-210	25.4mm(L): #1, #2, #3, 4.0, 6.0, T2.5, T3 (ea. 1pc) 33.0mm(L): T4, T5, T6 (ea. 1pc) Bit Holder - 1pc	10
BG-211	Double End: #2 x #2 x 45mm(+)(+)	10
BG-212	Double End: #2 x #2 x 65mm(+)(+)	10
BG-213	Double End: #2 x #2 x 110mm(+)(+)	10
BG-214	Double End: #2 x #2 x 150mm(+)(+)	10



BG-210



BG-212



BG-213



BG-214

Golden Color Combination
Power Bits Set

10pcs set in Waist Belt Packing

Article No.	Contents	Pcs / set
B-255	Double End: #2x#2x65mm(+)(+), #2x6.0x65mm(+)(-) #2x#2x110mm(+)(+) (ea. 1pc) Recessed Shank: #1x100mm(+), #2x100mm(+)(ea. 1pc)	5
B-215	Double End: #1x#1x65mm(+)(+), #2x#2x110mm(+)(+) (ea. 1pc) #3x#3x65mm(+)(+), #2x6.0x65mm(+)(-) (ea. 1pc) #2X#2X45mm(+)(+), #2x#2x65mm(+)(+) (ea. 2pcs) Recessed Shank: #1x100mm(+), #2x100mm(+)(ea. 1pc)	10
B-217	Double End: #2x#2x65mm(+)(+), #2x#2x110mm(+)(-) (ea. 2pcs) #2x#2x150mm(+)(+) (ea. 2pcs) Recessed Shank: #2x100mm(+), #2x150mm(+)(ea. 2pcs)	10



B-255



B-215



B-217

Dual Golden Color Power Bits Set

2pcs set in Paper Card Packing

Article No.	Contents	Pcs/ set
B-142065	Double End: #2x#2x65mm (+)(+)	2
B-142665	Double End: #2x6.0x65mm (+)(-)	2
B-142110	Double End: #2x#2x110mm (+)(+)	2



B-142665



B-142110



B-142065

Gray color Power Bits Set

10pcs set in Paper Bag Packing

Article No.	Contents	Pcs/ set
BA-142065	Double End: #2x#2x65mm (+)(+)	10
BA-142110	Double End: #2x#2x110mm (+)(-)	10
BA-142150	Double End: #2x#2x150mm (+)(+)	10



Platinum Power Bits Set

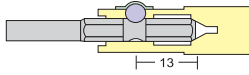
10pcs set in Plastic Box Packing

Article No.	Contents	Pcs/ set
BX-2045D	Double End: #2 x #2 x 45mm (+)(+)	10
BX-2065D	Double End: #2 x #2 x 65mm (+)(+)	10
BX-2110D	Double End: #2 x #2 x 110mm (+)(+)	2
BX-2150D	Double End: #2 x #2 x 150mm (+)(+)	10
BX-2050R	Recessed Shank: #2 x 50mm(+)	10
BX-2065R	Recessed Shank: #2 x 65mm(+)	10
BX-2110R	Recessed Shank: #2 x 110mm(+)	10
BX-2150R	Recessed Shank: #2 x 150mm(+)	10

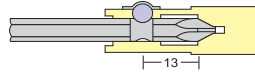




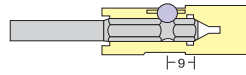
Special alloyed steel and careful heat treatment for respective materials enhance excellent durability. The highest lasting quality is attained by making choice of hardness agreeable to respective uses.



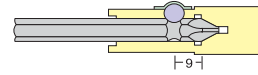
■ TYPE 6.35mm



■ TYPE 6.35mm



■ TYPE 6.35mm



■ TYPE 6.35mm

SHAPE	ITEM NO	TIP SIZE & LENGTH	
	AZ14	⊕ 1X 45 50 65 110	
		⊕ 2X 45 50 65 75 100 110 150	
		⊕ 3X 45 65 110	
			⊕ 1X 65
			⊕ 2X 45 65 110
	AZ16	⊕ 2X 4.5X 65 100 150	
			M-A16
⊕ 2X 4.5X 65			
⊖ 6X 45			
○ 对刃 2X 65 110			
2.5X 65 110			
3X 65 110			
4X 65 110			
5X 65 110			
6X 65 110			
	BSQ-2 BSQ-3 BSQ-4		
		M14	⊕ 1. ⊖ 5X 65
			⊕ 2. ⊖ 6X 65
	A20	6.35(1/4")X 45	
		9.5(3/8")X 45	
		12.7(1/2")X 45	
		6X 65	
		7X 65	

SHAPE	ITEM NO	TIP SIZE & LENGTH		
	B43	⊕ 1X 75 2X 50 75 100 150		
		⊕ 3X 75 100		
	B35	⊕ 1X 50 75		
		⊕ 2X 50 75		
		⊕ 2X 100		
		⊕ 2X 150		
		⊕ 3X 75 100		
	B39	⊖ 6X 75 2X 75 100		
		2.5X 75 100		
		3X 75 100		
		4X 75 100		
		5X 75 100		
	B45	6X 75 100		
		6X 65 7X 65 8X 65 9X 65 10X 65 11X 65 12X 65 13X 65 14X 65		
			B33	⊕ 1X 25.4 2X 25.4
				⊕ 3X 25.4
				⊕ 4X 25.4
⊕ 5X 25.4				
⊕ 6X 25.4 2X 25.4 2.5X 25.4 3X 25.4 4X 33.3 5X 33.3 6X 33.3				
	HAM	6.3X 75		
			HBM	6.3X 75



Tools for universal application

Hex Key wrench set
Torx wrench set

9Pcs Hex Key Wrench Set

SNCM+V Steel

Article No.	Length(in.)	Handles	Size
HK-9E-1	Extra Long	Hex	Metric: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.
HK-9E-2	Extra Long	Hex	Inch: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"
HK-9L-1	Long Arm	Hex	Metric: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.
HK-9L-2	Long Arm	Hex	Inch: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"
HK-9S-1	Short Arm	Hex	Metric: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.
HK-9S-2	Short Arm	Hex	Inch: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"
HKB-9E-1	Extra Long	Ball Point	Metric: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.
HKB-9E-2	Extra Long	Ball Point	Inch: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"
HKB-9L-1	Long Arm	Ball Point	Metric: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.
HKB-9L-2	Long Arm	Ball Point	Inch: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"
HKB-9S-1	Short Arm	Ball Point	Metric: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10.
HKB-9S-2	Short Arm	Ball Point	Inch: 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8"



HKB-9E-1



HKB-9L-1



HK-9S-1

Torx (Start Key) Wrench Set

SNCM+V Steel

Article No.	Pcs Set	Length	Hand	Size
TX-7737H	7Pcs	Short Arm	Tamper Resistant	T10, T15, T20, T25, T27, T30, T40
TX-7747S	7Pcs	Short Arm	Stand Type	T10, T15, T20, T25, T27, T30, T40
TX-9939H	9Pcs	Long Arm	Tamper Resistant	T10, T15, T20, T25, T27, T30, T40, T45, T50
TX-9949S	9Pcs	Long Arm	Stand Type	T10, T15, T20, T25, T27, T30, T40, T45, T50



TX-7737H



TX-9939H

TOOLS SET SERIES



7Pcs Crystal Line Color Screwdrivers Set



7100A

Drivers set 7100A

Article No.	Tip Size	Length(mm)	Pcs
102	(-)5.0	100	1
104	(-)6.0	38	1
107	(-)6.0	75	1
106	(-)8.0	150	1
101	#0	75	1
102	#1	150	1
107	#2	150	1

7100B

Drivers set 7100B

Article No.	Tip Size	Length(mm)	Pcs
101	#0	75	1
102	#1	100	1
102	#1	150	1
104	#2	38	1
107	#2	75	1
107	#2	150	1
106	#3	150	1



7100C

Drivers set 7100C

Article No.	Tip Size	Length(mm)	Pcs
101	(-)3.2	75	1
102	(-)5.0	100	1
102	(-)5.0	150	1
104	(-)6.0	38	1
107	(-)6.0	75	1
107	(-)6.0	150	1
106	(-)8.0	150	1





7Pcs Line Color Screwdrivers Set

7200A

Drivers set 7200A

Article No.	Tip Size	Length(mm)	Pcs
6300	(-)5.0	100	1
	(-)6.0	38	1
	(-)6.0	75	1
	(-)8.0	150	1
	#0	75	1
	#1	150	1
	#2	150	1

8Pcs Crystal Line Color Screwdrivers Set

Drivers set 8100A

Article No.	Tip Size	Length(mm)	Pcs
102	(-)5.0	75	1
107	(-)6.0	100	1
106	(-)8.0	150	1
104	(-)6.0	38	1
102	#1	75	1
107	#2	100	1
106	#3	150	1
104	#2	38	1

8100A



7Pcs Amber Color Line Screwdrivers Set



7300A

Drivers set 7300A

Article No.	Tip Size	Length(mm)	Pcs
AM-6500	(-)4.0	75	1
	(-)6.0	100	1
	(-)8.0	150	1
	(-)6.0	38	1
	#1	75	1
	#2	100	1
	#3	150	1

7Pcs Crystal Socket Drivers Set

Drivers set 7300A

Article No.	Tip Size	Length(mm)	Pcs
6600	6mm	85	1
	7mm	85	1
	8mm	85	1
	9mm	85	1
	10mm	85	1
	11mm	85	1
	12mm	85	1

7400A



Multi-Use Screwdrivers Set



7502A



Drivers set 7500A

Article No.	Components
7500A	<ul style="list-style-type: none"> • 8" Flexible drivers holder • Bits Holder • 7pcs one end bits: #1, #2, #3, 5.0, 6.0, T15, T20 All in Length: 25.4mm
7501A	<ul style="list-style-type: none"> • 10" Flexible drivers holder • Bits Holder • 7pcs one end bits: #1, #2, #3, 5.0, 6.0, T15, T20 All in Length: 25.4mm
7502A	<ul style="list-style-type: none"> • 12" Flexible drivers holder • Bits Holder • 7pcs one end bits: #1, #2, #3, 5.0, 6.0, T15, T20 All in Length: 25.4mm

7500B

Drivers set 7500B

Article No.	Components
7500B	<ul style="list-style-type: none"> • 7-IN-1 crystal detachable revolving handle • Drivers Shaft Holder • 10" Flexible drivers holder • Bits holder • 7pcs one end bits: #1, #2, #3, 5.0, 6.0, T15, T20 All in Length: 25.4mm • Hex 2-way(#2x6.0)shaft. Length in 150mm



Multi-Use Screwdrivers Set

7500C

Drivers set 7500C

Article No.	Components
7500C	<ul style="list-style-type: none"> • 7-IN-1 crystal detachable revolving handle • Drivers Shaft Holder • Bits holder • 7pcs one end bits: #1, #2, #3, 5.0, 6.0, T15, T20 All in Length: 25.4mm • 4pcs Hex 2-way(#2x6.0)shaft. Length in 38mm,100mm,150mm,200mm

400000

4PCS PLIERS SET

Article No.	Contents
HO-536M-01	6" Heavy Duty Diagonal Cutting Pliers
HO-517-01	7" Hi-Leverage Combination Pliers
HO-528-01	8" Long Nose Pliers
HO-250-01	10" Water Pump Pliers



400001

4PCS SNAP RING PLIERS SET

Article No.	Contents
HO-4707	7" Straight & Inner
HO-4727	7" Straight & Outer
HO-4717	7" Bent & Inner
HO-4737	7" Bent & Outer



162pcs Line Color Screwdrivers

Article No.	Tip Size	Length(mm)	Pcs	Article No.	Tip Size	Length(mm)	Pcs
6300	(-) 2.5MM	63	6	6300	(+) #1	250	6
	(+) #00	63	6		(-) 6.0MM	100	6
	(-) 3.2MM	75	6		(-) 6.0MM	125	6
	(-) 3.2MM	100	6		(-) 6.0MM	150	5
	(-) 3.2MM	150	6		(-) 6.0MM	200	5
	(+) #0	75	6		(-) 6.0MM	250	5
	(+) #0	100	6		(+) #2	100	4
	(+) #0	150	6		(+) #2	125	4
	(-) 5.0MM	75	5		(+) #2	150	4
	(-) 5.0MM	100	5		(+) #2	200	4
	(-) 5.0MM	150	5		(+) #2	250	4
	(-) 5.0MM	200	5		(-) 6.0MM	38	4
	(-) 5.0MM	250	5		(+) #2	38	4
	(+) #1	75	5		(-) 8.0MM	150	4
	(+) #1	100	5		(-) 8.0MM	200	4
	(+) #1	150	5		(+) #3	150	4
	(+) #1	200	5		(+) #3	200	4



162pcs Crystal Line Color Screwdrivers

Article No.	Tip Size	Length(mm)	Pcs	Article No.	Tip Size	Length(mm)	Pcs	
100	(-) 2.5MM	63	6	102	(-) #1	250	5	
	(+) #00	63	6		(-) 6.0MM	100	4	
101	(-) 3.2MM	75	6	107	(-) 6.0MM	125	4	
	(-) 3.2MM	100	6		(-) 6.0MM	150	4	
	(-) 3.2MM	150	6		(-) 6.0MM	200	4	
	(+) #0	75	6		(-) 6.0MM	250	4	
	(+) #0	100	6		(+) #2	100	4	
	(+) #0	150	6		(+) #2	125	4	
	(-) 5.0MM	75	5		(+) #2	150	4	
(-) 5.0MM	100	5	(+) #2		200	4		
102	(-) 5.0MM	150	5		104	(+) #2	250	4
	(-) 5.0MM	200	5			(-) 6.0MM	38	4
	(-) 5.0MM	250	5	(+) #2		38	4	
	(+) #1	75	5	106	(-) 8.0MM	150	4	
	(+) #1	100	5		(-) 8.0MM	200	4	
	(+) #1	150	5		(+) #3	150	4	
	(+) #1	200	5		(+) #3	200	4	



77Pcs Crystal Line Color Screwdrivers

Article No.	Tip Size	Length(mm)	Pcs
100	(-) 2.5MM	63	6
101	(-) 3.2MM	75	6
	(+) #0	75	6
102	(-) 5.0MM	75	5
	(-) 5.0MM	100	5
	(+) #1	100	5
107	(-) 6.0MM	100	4
	(-) 6.0MM	125	4
	(-) 6.0MM	150	4
	(+) #2	100	4
104	(-) 6.0MM	38	4
	(+) #2	38	4
106	(-) 8.0MM	150	4
	(-) 8.0MM	200	4
	(+) #3	150	4
C-6100	(-) 6.0 X #2	100	4
6700A	7-IN-1 Multiuse S/D		4



SOCKET WRENCH SERIES



25Pcs Scket Wrench Set

1/2" SOCKET WRENCH SET / 12POINTS

Article No.	Contents
S-4025A	Socket: 18pcs Size: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32
	1pc - Ratchet Handle
	2pc - Extension Bar / 125mm & 250mm
	1pc - Sliding T Handle / 250mm
	1pc - Universal Joint
	1pc - Spark Plug
	1pc - Metal Box



S-4025A



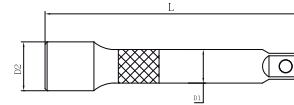
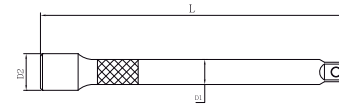
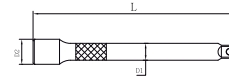
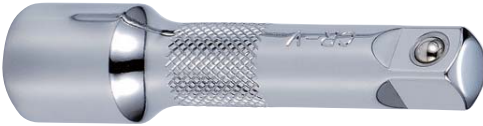
25Pcs Scket Wrench Set

1/2" SOCKET WRENCH SET / 12POINTS	
Article No.	Contents
S-4025B	Socket: 18pcs Size: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32
	1pc - Ratchet Handle
	2pc - Extension Bar / 125mm & 250mm
	1pc - Speed Brace
	1pc - Universal Joint
	1pc - Spark Plug
	1pc - Metal Box



S-4025B

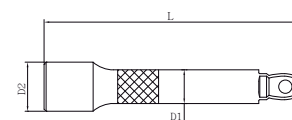
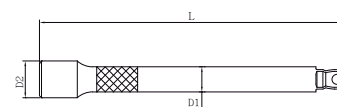
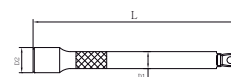




1/4" CR-V Extension Bar			
Size	L	D1	D2
2"	50mm	8.3	12.3
3"	75mm	8.3	12.3
4"	100mm	8.3	12.3
5"	125mm	8.3	12.3
6"	150mm	8.3	12.3
8"	200mm	8	12.3
9"	225mm	8	12.3
10"	250mm	8	12.3
12"	300mm	8	12.3
14"	355mm	8	12.3
15"	381mm	8	12.3
16"	407mm	8	12.3
18"	457mm	8	12.3
20"	508mm	8	12.3
24"	609mm	8	12.3
30"	762mm	8	12.3
36"	914mm	8	12.3

3/8" CR-V Extension Bar			
Size	L	D1	D2
1-3/4"	44mm	12.3	17
2"	50mm	12.3	18
3"	75mm	12.3	18
4"	100mm	12.3	18
5"	125mm	12.3	18
6"	150mm	12.3	18
8"	200mm	12.3	18
9"	225mm	12.3	18
10"	250mm	12.3	18
12"	300mm	12.3	18
14"	355mm	12	18
15"	381mm	12	18
16"	407mm	12	18
18"	457mm	12	18
20"	508mm	12	18
24"	609mm	12	18
30"	762mm	12	18
36"	914mm	12	18
40"	1016mm	12	18

1/2" CR-V Extension Bar			
Size	L	D1	D2
2"	50mm	16.5	24
2-1/2"	63mm	15.8	22.4
3"	75mm	16.5	24
4"	100mm	16.5	24
5"	125mm	16.5	24
6"	150mm	16.5	24
8"	200mm	16.5	24
9"	225mm	16.5	24
10"	250mm	16.5	24
12"	300mm	16.5	24
14"	355mm	16	24
15"	381mm	16	24
16"	407mm	16	24
18"	457mm	16	24
20"	508mm	16	24
24"	609mm	16	24
30"	762mm	16	24
36"	914mm	16	24
40"	1016mm	16	24



1/4" CR-V Wobble Extension Bar			
Size	L	D1	D2
2"	50mm	8.3	12.3
3"	75mm	8.3	12.3
4"	100mm	8.3	12.3
5"	125mm	8.3	12.3
6"	150mm	8.3	12.3
8"	200mm	8	12.3
9"	225mm	8	12.3
10"	250mm	8	12.3
12"	300mm	8	12.3
14"	355mm	8	12.3
15"	381mm	8	12.3
16"	407mm	8	12.3
18"	457mm	8	12.3
20"	508mm	8	12.3
24"	609mm	8	12.3
30"	762mm	8	12.3
36"	914mm	8	12.3

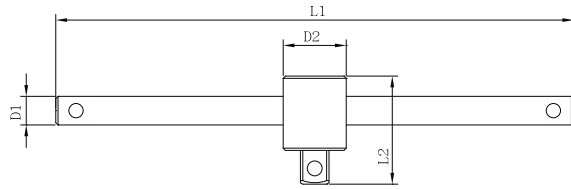
3/8" CR-V Wobble Extension Bar			
Size	L	D1	D2
1-3/4"	44mm	12.3	17
2"	50mm	12.3	18
3"	75mm	12.3	18
4"	100mm	12.3	18
5"	125mm	12.3	18
6"	150mm	12.3	18
8"	200mm	12.3	18
9"	225mm	12.3	18
10"	250mm	12.3	18
12"	300mm	12.3	18
14"	355mm	12	18
15"	381mm	12	18
16"	407mm	12	18
18"	457mm	12	18
20"	508mm	12	18
24"	609mm	12	18
30"	762mm	12	18
36"	914mm	12	18
40"	1016mm	12	18

1/2" CR-V Wobble Extension Bar			
Size	L	D1	D2
2"	50mm	16.5	24
2-1/2"	63mm	15.8	22.4
3"	75mm	16.5	24
4"	100mm	16.5	24
5"	125mm	16.5	24
6"	150mm	16.5	24
8"	200mm	16.5	24
9"	225mm	16.5	24
10"	250mm	16.5	24
12"	300mm	16.5	24
14"	355mm	16	24
15"	381mm	16	24
16"	407mm	16	24
18"	457mm	16	24
20"	508mm	16	24
24"	609mm	16	24
30"	762mm	16	24
36"	914mm	16	24
40"	1016mm	16	24



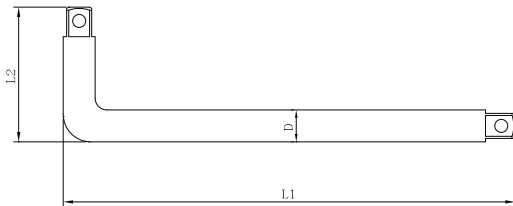
CR-V Sliding T Bar

Size	D1	D2	L1	L2
1/4" x 4"	100mm	24	6.3	14
1/4" x 110L	110mm	24	6.3	14
1/4" x 4.5"	115mm	24	6.3	14
1/4" x 6"	150mm	24	6.3	14
3/8" x 6.5"	165mm	32	10.5	19
3/8" x 8"	200mm	32	10.5	19
3/8" x 10"	250mm	32	10.5	19
1/2" x 8"	200mm	41	13.5	24
1/2" x 10"	250mm	41	13.5	24
1/2" x 12"	300mm	41	13.5	24



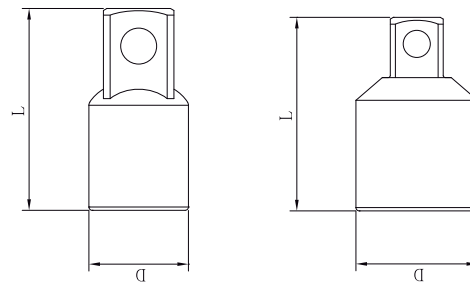
CR-V L-Handle

Size	L1	L2	D
1/4" x (1" : 6")	165mm	35mm	8
3/8" x (1.3" : 8")	215mm	45mm	12
3/8" x (1.3" : 9")	240mm	45mm	12
1/2" x (2" : 8")	210mm	70mm	16
1/2" x (2" : 10")	260mm	70mm	16
1/2" x (2" : 12")	315mm	70mm	16
1/2" x (2" : 14")	365mm	70mm	16

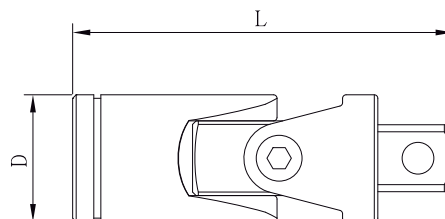




CR-V Adapter		
Material:CRV		
Size= FxM	D	L
1/4"F x 3/8"M	12	26
3/8"F x 1/4"M	17	27
3/8"F x 1/2"M	18	36
1/2"F x 3/8"M	22	36
1/2"F x 3/4"M	26	45.5
3/4"F x 1/2"M	31.5	51
1/2"F x 1/4"M	22	35



CR-V Universal Joint		
Size	D	L
1/4"	14	40
3/8"	18	54
1/2"	25	73





BIT Set+Universal BIT Holder Set 21pcs

Contents: 20pcs 25mmL Bit(S2)
1pcx 65mmL Universal Quick Release

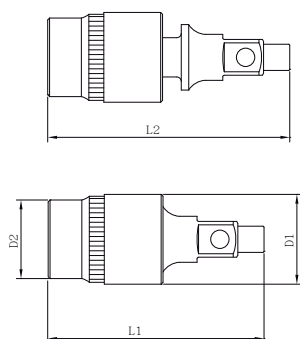
3/8"Dr Oil Drai Key Set 17pcs

Material: Chrome-Vanadium
Contents: Square(S):8-9.5-10.5-11-12-13.1mm
Hex(H):8-9-10-12-13-14-17mm
Square Hole(XS):10mm
Triangle(TX):10mm
Star(M):16mm

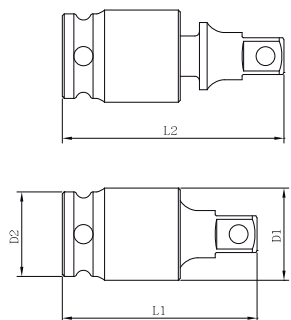


Magnet Powerful Universal Joint

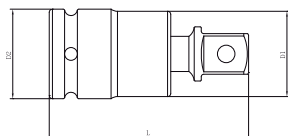
Size	D1	D2	L1	L2
1/4"F×1/4"M	18	16	47	52
3/8"F×3/8"M	24	22	59	65
1/2"F×1/2"M	30	28	73	80

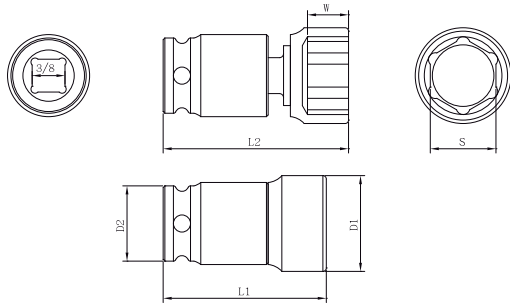
**Powerful Impact Universal Adapter**

Size	D1	D2	L1	L2
1/4"F×3/8"M	18	16	38	43
3/8"F×1/4"M	24	22	45	52
3/8"F×1/2"M	24	22	51	58
1/2"F×3/8"M	30	28	60	68
1/2"F×3/4"M	30	28	70	77
3/4"F×1/2"M	40	42	80	94

**3/4" Dr. Powerful Impact Universal Adapter**

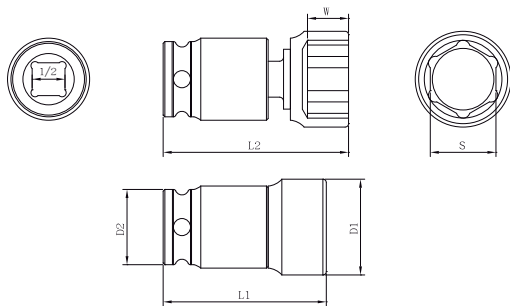
Size	D1	D2	L2
3/4"F×3/4"M	40	42	94





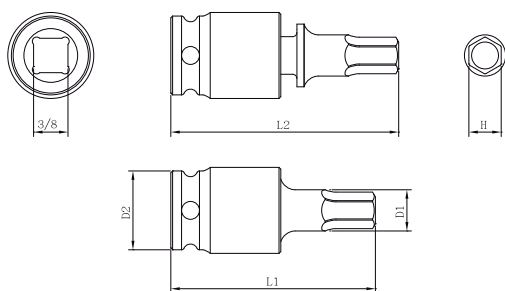
3/8" Dr. Powerful Impact Universal Socket

S	D1	D2	L1	L2	W
8mm	13	22	48	55	9
9mm	15	22	48	55	9
10mm	15.5	22	48	55	9
11mm	17.5	22	48	55	9
12mm	19	22	48	55	12
13mm	20	22	48	55	12
14mm	21	22	48	55	12
15mm	22	22	48	55	12
16mm	23	22	48	55	12
17mm	25	22	48	55	12
18mm	26	22	48	55	12
19mm	27	22	48	55	12
20mm	28	22	48	55	12
21mm	30	22	48	55	12
22mm	30	22	48	55	12

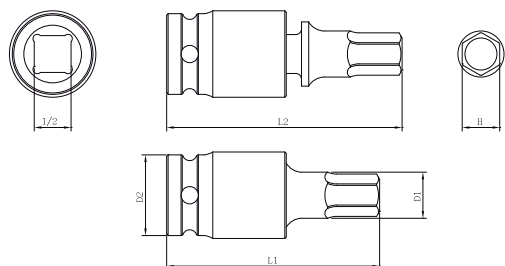


1/2" Dr. Powerful Impact Universal Socket

S	D1	D2	L1	L2	W
8mm	13	28	62	70	10
9mm	15	28	62	70	10
10mm	15.5	28	62	70	10
11mm	17	28	62	70	10
12mm	19	28	62	70	14
13mm	20	28	62	70	14
14mm	22.3	28	62	70	14
15mm	23	28	62	70	14
16mm	24	28	62	70	14
17mm	26	28	62	70	14
18mm	27	28	62	70	14
19mm	28	28	62	70	14
20mm	30	28	62	70	14
21mm	30	28	62	70	14
22mm	32	28	62	70	14
23mm	32	28	62	70	14
24mm	34	28	62	70	14
27mm	38	28	62	70	14
30mm	42	28	62	70	14
32mm	44	28	62	70	14

**3/8" Dr. Powerful Impact Universal Hex Drive Socket**

H(mm)	D1	D2	L1	L2
5mm	7	22	58	64
6mm	8	22	58	64
7mm	9	22	58	64
8mm	10.5	22	58	64
9mm	11.5	22	58	64
10mm	12.5	22	58	64
11mm	13.9	22	58	64
12mm	15	22	58	64
13mm	16	22	58	64
14mm	17.5	22	58	64
15mm	18	22	58	64
16mm	20	22	58	64

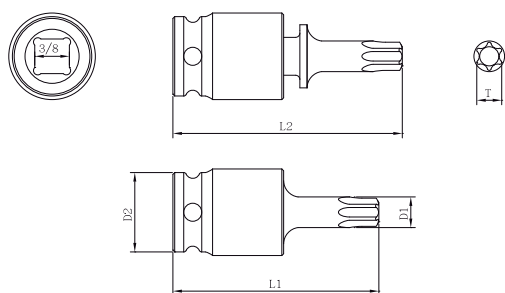
**1/2" Dr. Powerful Impact Universal Hex Drive Socket**

H(mm)	D1	D2	L1	L2
6mm	8	28	74	82
7mm	9	28	74	82
8mm	10.5	28	74	82
9mm	11.5	28	74	82
10mm	12.5	28	74	82
11mm	13.9	28	74	82
12mm	15	28	74	82
13mm	16	28	74	82
14mm	17.5	28	74	82
15mm	18	28	74	82
16mm	20	28	74	82
17mm	21	28	74	82
18mm	22	28	74	82
19mm	23	28	74	82
21mm	23.8	28	74	82



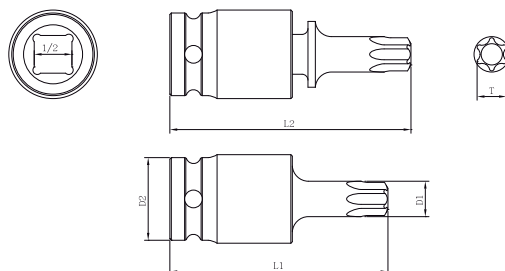
3/8" Dr. Powerful Impact Universal Torx Driver Socket

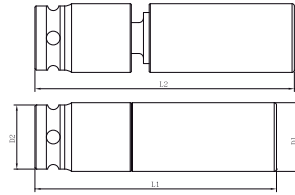
T	D1	D2	L1	L2
20	4.5	22	58	64
25	5	22	58	64
27	5.5	22	58	64
30	6	22	58	64
40	7.5	22	58	64
45	8.5	22	58	64
47	9	22	58	64
50	9.5	22	58	64
55	12	22	58	64



1/2" Dr. Powerful Impact Universal Torx Driver Socket

T	D1	D2	L1	L2
25	5	28	74	82
27	5.5	28	74	82
30	6	28	74	82
40	7.5	28	74	82
45	8.5	28	74	82
47	9	28	74	82
50	9.5	28	74	82
55	12	28	74	82
60	14	28	74	82
70	16	28	74	82
80	18	28	74	82





1/2" Dr. Powerful Deep Impact Universal Socket

Size	D1	D2	L1	L2
17mm	25.5	28	105	111
19mm	27.5	28	105	111
21mm	29.5	28	105	111



1/4" Dr. Universal Bit Holder (Steel Ball Type)

Material: CR-V
Length: 64mmL



1/4" Dr. Universal Bit Holder (Locking Type)

Material: CR-V
Length: 64mmL



Powerful Universal Joint Set 3pcs

Material: CR-MO

Contents: 1/4", 3/8", 1/2"



Powerful Impact Universal Joint Set 3pcs

Material: CR-MO

Contents: 1/4", 3/8", 1/2"



3/8" Dr.Powerful Impact Universal Socket Set 10pcs

Material: CR-MO

Contents: 10-11-12-13-14-15-16-17-18-19 mm



1/2" Dr.Powerful Impact Universal Socket Set 8pcs

Material: CR-MO

Contents: 13-14-15-16-17-19-21-22 mm

3/8" Dr.Powerful Universal Hex Driver Socket Set 9pcs

Material: CR-MO

Contents: 5-6-8-10-11-12-13-14-15 mm

**3/8" Dr.Powerful Universal TORX Driver Socket Set 9pcs**

Material: CR-MO

Contents: T 20-25-27-30-40-45-47-50-55

**1/2" Dr.Impact Universal Hex Driver Socket Set 9pcs**

Material: CR-MO

Contents: 8-9-10-12-13-14-16-17-19

**1/2" Dr.Impact Universal TORX Driver Socket Set 9pcs**

Material: CR-MO

Contents: T 30-40-45-47-50-55-60-70-80

