

EMARK SINCE 1993 TOOLS CATALOG 2020



**EMARK**

TOP QUALITY & SUPERIOR VALUE

# E-MARK TOOLS CATALOG 2020



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Visit us online

### HINGED TPR HOLDER

opens flat easier to get keys out.

### COLORFUL PP COATING

for anti-slip and size identification.

# ANTI-SLIP COLOR GRIP HEX KEY



### DIAMOND HEX








to enlarge contact area 30% more  
and torque 10% improvement.

The hardness to 54~58HRC.



**EMARK TOOLS INTERNATIONAL CO., LTD. MADE IN TAIWAN**

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According to an ancient legend, Unicorn was regarded as a symbol of royal arms of Scotland and with meaning of precious and strong. Meanwhile, its horn is seen as a symbol of power. EMARK insists on supplying stable and durable safety hand tools in order to be your most reliable and trustworthy Partner.

# HISTORY



## ESTABLISHED

Started with Screwdrivers production.

1993



## VPA/GS APPROVAL

Certified by VPA/GS from 1999.

1999



## VDE 1000V CERTIFICATE APPROVAL

Certified insulated series since 2000.

2000



## PASSED SGS INSPECTION

All series of products are passed the restricted substances inspection as safety and eco-friendly.

2007

2005



## FIRST ONE IN THE WORLD

Slim type insulated S/D was launched.

2017

## AUTOMATED PRODUCTION SYSTEM

Automated production implementation to expand production capacity.

2019



## CERTIFIED BY BSCI

Implementing BSCI Code of Conduct which is set up based on ILO regulation for obligation of business to society.



## BRAND IDENTITY INNOVATION



## THE STORY AND SPIRIT OF EMARK

### QUALITY/ PERSISTENT

EMARK tools have passed a number of international quality certificates, insist on producing durable product, and is acknowledged in industry and market. We hold the spirit to provide high-quality hand tool and become trustworthy partner.

### DEEP TILLAGE/ INHERITANCE

With more than 25 years manufacturing experience in professional hand-tool area, we still move forward with diligent and steadfast. Insisting on MIT localized production creates next extraordinary 25 years, and deliver brand value permanently.

### INNOVATION

From OEM to OBM, EMARK brand makes customer feel energetic power with innovative recognition, which injected new vitality in professional hand tool market.

### INTERNATIONAL

In addition to running local market, we have developed overseas market channels to Thailand, Malaysia, Lebanon in Middle East and so on. Nowadays, we continuously expand global market distribution and grasp international trend preciously.



# QUALITY CONTROL

## RAW MATERIAL INPUT

Every lot of input of raw material should be inspected through composition analysis and taking record of all the data for study. So that we can have a definite standard to assure every lot of input meets with our Q.C request.

## BLADES PROCESS INSPECTIONS

**Tips :** we check the tip size by DIN standard gauges. Measuring important point of sizes in thickness, width and length.

## HEAT TREATMENT INSPECTIONS

### Hardness Testing :

We test and control blades be heat treated by hardness allowance within HRC $\pm$ 1

### Torque Testing :

With our standard chrome-Molybdenum steel blades. Generally we can control the torque over DIN standard more than 30%.



## STRAIGHTENING

To ensure all blades are straight after heat treatment. We do straightening and testing at the same time and same machine.

## PLATING INSPECTIONS

To ensure anti-corrosion after plating. We do Salt Spray Testing and also check appearance color of plating.

## IMPACT TESTING

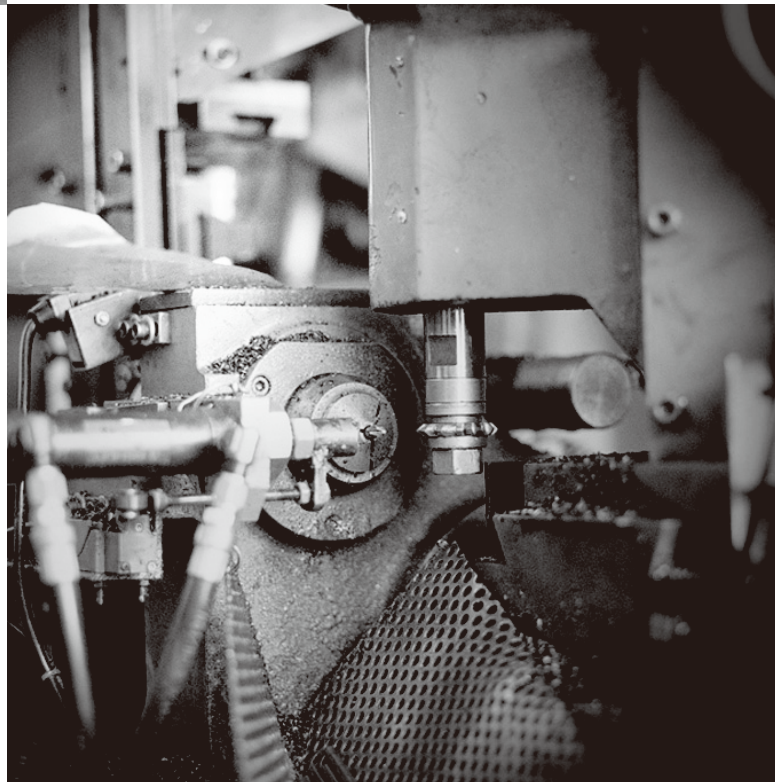
The testing is based on two conditions

1. Normal Temperature : 23°C  $\pm$  5°C, H=W/P=2FP
2. Low Temperature : -25°C  $\pm$  3°C stay in the fridge more than 2 hours, (H=W/P=0.6FP) select 3 points of the blade to be impacted.

## FINAL INSPECTIONS

After the blades are assembled with handle, we start to do final inspection before Packing and shipment out of our factory.

1. Checking straight line between blade and handle.
2. Ensure the handle is clean.
3. Magnetize all blades.





## VDE INSPECTIONS

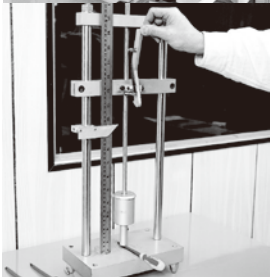


## TESTING PROCESS



### High Voltage Testing

"Quality Has No Compromise"  
Especially for VDE 1000V insulated screwdrivers. We test our insulated screwdrivers piece by piece on our High Voltage Testing Machine. During the testing, the voltage must be 12000V-13000V.



### Impact Testing

The testing is based on two conditions:  
1. Normal Temperature :  $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$  ,  
 $H=W/P=2\text{FP}$   
2. Low Temperature :  $-25^{\circ}\text{C} \pm 3^{\circ}\text{C}$  stay in the fridge more than 2 hours, ( $H=W/P=0.6\text{FP}$ ) select 3 points of the blade to be impacted.



### Fire Testing

The testing samples put on the fire with 3.7 Million joule/  $\text{m}^2 10\text{second}$  then turn-off the fire. The height of burning can not over 120mm.



### Pull Testing

Pulling insulated screwdrivers on the pulling machine with 50 Newton tester.

## AUTHENTIC

### VDE / GS



# BLADES

## BLADE MATERIAL



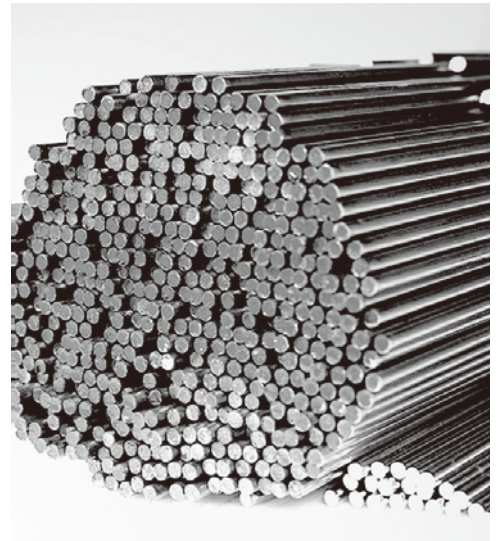
Optional material for customers request  
Hardness : HRC 54-58  
Torque : Up 10% from Cr-Mo



Our standard offer  
Hardness : HRC 54-56(Slotted HRC 52-54)  
Torque : Up 30% from Cr-V



Optional material for promotional activity  
Hardness : HRC 50-52  
Torque : meet DIN



## SCREWDRIVER TIPS



 **Slotted**



 **Phillips**



 **Pozidriv**



 **Torx Tamper**



 **Torx**



 **Hex**



 **Diamond Head**

## MAGNETIC



we magnetize every piece per our standard.



# SCREWDRIVERS



# SCREWDRIVER

## AVAILABLE HANDLES

#800A



#700A



#725



#A380



#300



#710



#720



## AVAILABLE SPECIFICATIONS

### Slotted



Ø	Ø	Length	Width	Height
3.0	0.5	75	12	240
3.0	0.5	100	12	240
3.0	0.5	150	12	120
5.5	1.0	100	12	240
5.5	1.0	150	12	120
6.5	1.2	38	12	240
6.5	1.2	100	12	120
6.5	1.2	125	12	120
6.5	1.2	150	12	120
8.0	1.2	150	12	120
8.0	1.2	200	12	120
10.0	1.6	200	12	120

### Pozidriv



Ø	Ø	Length	Width	Height
#0	3.0	75	12	240
#0	3.0	100	12	240
#0	3.0	150	12	120
#1	5.0	100	12	240
#1	5.0	150	12	120
#2	6.0	38	12	240
#2	6.0	100	12	120
#2	6.0	125	12	120
#2	6.0	150	12	120
#3	8.0	150	12	120
#3	8.0	200	12	120
#4	9.5	200	12	120

### Torx Tamper



Ø	Ø	Length	Width	Height
T5	3.0	60	12	240
T6	3.0	60	12	240
T7	3.0	60	12	240
T8	3.0	60	12	240
T9	4.0	60	12	240
T10	4.0	80	12	240
T15	4.0	80	12	240
T20	4.0	100	12	240
T25	5.0	100	12	240
T27	5.0	100	12	240
T30	6.0	100	12	120
T40	8.0	125	12	120
T45	8.0	125	12	120



## AVAILABLE PACKAGE

Phillips				
#0	3.0	75	12	240
#0	3.0	100	12	240
#0	3.0	150	12	240
#1	5.0	100	12	240
#1	5.0	150	12	120
#2	6.0	38	12	240
#2	6.0	100	12	120
#2	6.0	125	12	120
#2	6.0	150	12	120
#3	8.0	150	12	120
#3	8.0	200	12	120
#4	9.5	200	12	120



Cabinet				
3.0	0.5	75	12	240
4.0	0.8	80	12	240
5.0	0.8	200	12	120
5.0	0.8	250	12	120
5.0	0.8	300	12	120
6.0	1.0	200	12	120
6.0	1.0	250	12	120
6.0	1.0	300	12	120



Torx				
T4	3.0	60	12	240
T5	3.0	60	12	240
T6	3.0	60	12	240
T7	3.0	60	12	240
T8	3.0	60	12	240
T9	4.0	60	12	240
T10	4.0	80	12	240
T15	4.0	80	12	240
T20	4.0	100	12	240
T25	5.0	100	12	240
T27	5.0	100	12	240
T30	6.0	100	12	120
T40	8.0	125	12	120
T45	8.0	125	12	120



# INSULATED SCREWDRIVER

## AVAILABLE HANDLES

#800A



#725



#A380



#700A



TESTER



## AVAILABLE SPECIFICATIONS

Slotted			S2 steel Cr-Mo U	
Ø	Ø			
2.5	0.4	80	12	240
3.0	0.5	100	12	240
3.5	0.6	100	12	240
4.0	0.8	100	12	240
5.5	1.0	125	12	240
6.5	1.2	150	12	120
8.0	1.2	150	12	120

Pozidriv			S2 steel Cr-Mo U	
Ø	Ø			
#0	3.0	75	12	240
#1	5.0	100	12	240
#2	6.0	100	12	120
#3	8.0	150	12	120

Phillips			S2 steel Cr-Mo U	
Ø	Ø			
#0	3.0	75	12	240
#1	5.0	100	12	240
#2	6.0	100	12	120
#3	8.0	150	12	120

TESTER			RATED VOLTAGE : 125~250V	
Ø	Ø			
3.0	3.0	60	12	240



## INSULATED SCREWDRIVER SET



### Composition

⊖ 3.0x75 / 4.0x8.0 / 5.5x125 / 6.5x150

⊕ #0x75 / #1x100 / #2x100 / #3x150

Packing I-Beam Plastic Holder

BOX / CTN : 6 / 24

## #525 ELASTIC GRIP SCREWDRIVER

SPECIAL DESIGN FOR ELECTRICIANS



### ⊕ Phillips



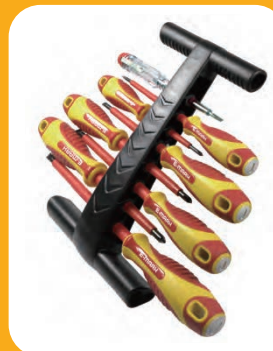
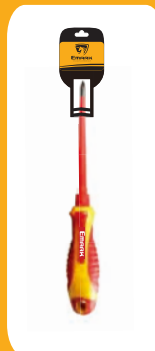
⊕	∅			
#2	6.0	100	12	120
#2	6.0	150	12	120

### ⊖ Slotted



⊖	⊕			
6.0	1.0	100	12	120
6.0	1.0	150	12	120

# AVAILABLE PACKAGE



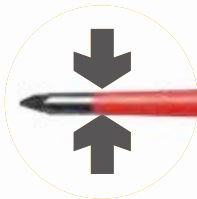
# INSULATED SCREWDRIVER

## #A380 EXCHANGEABLE INSULATED SCREWDRIVER SET

HANDLE MATERIAL : PP & TPR BLADE COATING : PP



SLIM



EXQUISITE CRAFT - SLIM TYPE



DURABLE NYLON POUCH



1	⊖ <b>Slotted</b> 6.5 x 150 mm
2	⊖ <b>Slotted</b> 5.5 x 125 mm
3	⊖ <b>Slotted</b> 4.0 x 100 mm
4	⊖ <b>Slotted</b> 3.0 x 75 mm (Non Recessed)
5	⊕ <b>Phillips</b> # 2 x 100 mm
6	⊕ <b>Phillips</b> # 1 x 100 mm
7	⊕ <b>Phillips</b> # 0 x 75 mm (Non Recessed)
8	⊕ <b>Pozidriv</b> # 2 x 100 mm
9	⊕ <b>Pozidriv</b> # 1 x 100 mm
10	⊕ <b>Torx</b> T20 x 100 mm
11	⊕ <b>Torx</b> T15 x 100 mm
12	⊕ <b>Torx</b> T10 x 100 mm



## #A380 INTERCHANGEABLE VDE SERIES

### EXTRA HANDLES ALSO AVAILABLE



#### Composition

⊖ SL3 / 5.5 / 6.5

⊕ PH0 / PH1 / PH2



#### Composition

⊖ SL3 / 4 / 5.5 / 6.5

⊕ PH0 / PH1 / PH2

⊖ Tester



#### Composition

⊖ SL3 / 5.5 / 6.5

⊕ PH0 / PH1 / PH2

⊕ PZ1 / PZ2



#### Composition

⊖ SL3 / 4 / 5.5 / 6.5

⊕ PH0 / PH1 / PH2

⊕ PZ1 / PZ2

⊖ Tester



#### Composition

⊖ SL3 / 5.5 / 6.5

⊕ PH1 / PH2

⊕ PZ1 / PZ2

⊕ T10 / T15 / T20



#### Composition

⊖ SL3 / 4 / 5.5 / 6.5

⊕ PH1 / PH2

⊕ PZ1 / PZ2

⊕ T10 / T15 / T20

⊖ Tester



#### Composition

⊖ SL3 / 4 / 5.5 / 6.5

⊕ PH0 / PH1 / PH2

⊕ PZ1 / PZ2

⊕ T10 / T15 / T20

# SCREWDRIVER

## #160 GO THROUGH SCREWDRIVER



⊖ Slotted						
⊖	⊖	🔧	🔧	🔧	🔧	🔧
6.0	1.0	100	102	26	12	120
6.0	1.0	150	102	26	12	120
6.0	1.0	200	102	26	12	120
6.0	1.0	250	102	26	12	120
8.0	1.2	150	113	28	12	120
8.0	1.2	200	113	28	12	120
8.0	1.2	250	113	28	12	96
8.0	1.2	300	113	28	12	96
10.0	1.6	250	125	31	6	60
10.0	1.6	300	125	31	6	60

⊕ Phillips						
⊕	⊕	🔧	🔧	🔧	🔧	🔧
#2	6.0	100	102	26	12	120
#2	6.0	150	102	26	12	120
#2	6.0	200	102	26	12	120
#3	8.0	150	113	28	12	120
#3	8.0	200	113	28	12	120
#3	8.0	250	113	28	12	96
#3	8.0	300	113	28	12	96
#4	10.0	250	125	31	6	60
#4	10.0	300	125	31	6	60

⊖ ⊕ Dicephalous						
⊖ ⊕	⊕	🔧	🔧	🔧	🔧	🔧
#2	6.0	38	46	31	12	300



## #200 SCREWDRIVER



⊖ Slotted						
⊖	⊖	🔧	🔧	🔧	🔧	🔧
3.0	0.5	50	56	15	12	360
3.0	0.5	75	56	15	12	360
3.0	0.5	100	56	15	12	240
3.0	0.5	150	56	15	12	240
5.0	0.8	100	80	20	12	240
5.0	0.8	150	80	20	12	240
6.0	1.0	38	45	26	12	360
6.0	1.0	100	90	24	12	240
6.0	1.0	125	90	24	12	240
6.0	1.0	150	90	24	12	240
8.0	1.2	150	100	28	12	120
8.0	1.2	200	100	28	12	120

⊕ Phillips						
⊕	⊕	🔧	🔧	🔧	🔧	🔧
#0	3.0	50	56	15	12	360
#0	3.0	75	56	15	12	360
#0	3.0	100	56	15	12	240
#0	3.0	150	56	15	12	240
#1	5.0	100	80	20	12	240
#1	5.0	150	80	20	12	240
#2	6.0	38	45	26	12	360
#2	6.0	100	90	24	12	240
#2	6.0	125	90	24	12	240
#2	6.0	150	90	24	12	240
#3	8.0	150	100	28	12	120
#3	8.0	200	100	28	12	120

Ⓢ Cabinet						
Ⓢ	Ⓢ	🔧	🔧	🔧	🔧	🔧
5.0	0.8	200	80	20	12	120
5.0	0.8	250	80	20	12	120
5.0	0.8	300	80	20	12	120
6.0	1.0	200	90	24	12	120
6.0	1.0	250	90	24	12	120
6.0	1.0	300	90	24	12	120



## GO THROUGH SCREWDRIVER / HEX BOLSTER




#725






Cr-Mo

S2  
steel




⊖ SLOTTED

⊖	⊖			
5.5	1.0	125	12	120
6.5	1.2	150	12	120
8.0	1.2	150	12	120

⊕ PHILLIPS

⊕	⊖			
#1	5.0	100	12	120
#2	6.0	100	12	120
#2	6.0	150	12	120
#3	8.0	150	12	120

⊕ POZIDRIV

⊕	⊖			
#1	5.0	100	12	120
#2	6.0	100	12	120
#2	6.0	150	12	120
#3	8.0	150	12	120

#380



Cr-Mo

S2  
steel

## #A380 8 PCS SCREWDRIVER SET

HEX BOLSTER



Cr-Mo

S2  
steel

GO THROUGH



Cr-Mo

S2  
steel

### Composition

⊖ 3.0x75(Regular) / 4.0x80(Regular) / 5.5x125 / 6.5x150

⊕ #1x75 / #1x100 / #2x100 / #3x150

Packing

I-Beam Plastic Holder

### Composition

⊖ 3.0x75(Regular) / 4.0x80(Regular) / 5.5x125 / 6.5x150

⊕ #1x75 / #1x100 / #2x100 / #3x150

Packing

I-Beam Plastic Holder

# SPECIAL SCREWDRIVER

## SCREWDRIVER SET

### 8 IN 1 SCREWDRIVER

Available for screw :



#### Composition

Double end with PH/SL\*65mm  
(Include Screw holder)

- ⊖ SL 6
- ⊕ PH #0 / #1 / #2 / #3
- ⊗ PZ #1 / #2 / #3

Double end with PH/SL\*125mm  
(Include Screw holder)

- ⊖ SL 6
- ⊕ PH #0 / #1 / #2 / #3
- ⊗ PZ #1 / #2 / #3

BOX / CTN : 12 / 120

### 6 PCS DRIVER BITS SET



#### Composition

1-Way Power Bits-110mm

- ⊖ 2.0 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0

2-Way Power Bits-110mm

- ⊗ T5 / T6 / T7 / T8 / T9 / T10 / T15 / T20 / T25 / T27 / T30 / T40

2-Way Power Bits

- ⊖ SL6.0 / ⊕ PH2 x 110mm
- ⊕ PH1 x100mm
- ⊕ PH2 x100mm
- ⊕ PH2/PH2 x65mm
- ⊕ PH2/PH2 x110mm
- ⊕ PH2/PH2 x150mm

BOX / CTN : 12 / 72

### 2 WAY SCREWDRIVER



#### Composition

2-Way Stubby (Blade Length 63mm)

- ⊖ SL 6.0
- ⊕ PH #2

BOX / CTN : 12 / 240

2-Way Screwdriver (Blade Length 125mm)

- ⊖ SL 6.0
- ⊕ PH #2

BOX / CTN : 6 / 120

### BITS HOLDER SET



#### Composition

Magnetic Bits Driver

- 11PCS Bits ⊖ 4.0 / 5.0 / 6.0
- ⊕ PH#1 / PH#2
- ⊗ PZ#1 / PZ#2
- ⊗ T10 / T15 / T20
- Adaptor

BOX / CTN : 6 / 120

### RATCHET SCREWDRIVER SET



#### Composition

Ratchet Bits Driver

- 11PCS Bits ⊖ 4.0 / 5.0 / 6.0
- ⊕ PH#1 / PH#2
- ⊗ PZ#1 / PZ#2
- ⊗ T10 / T15 / T20
- Adaptor

BOX / CTN : 6 / 48

### RATCHET SCREWDRIVER SET



#### Composition

Ratchet Bits Driver

- 11PCS Bits ⊖ 4.0 / 5.0 / 6.0
- ⊕ PH#1 / PH#2
- ⊗ PZ#1 / PZ#2
- ⊗ T10 / T15 / T20
- Adaptor

BOX / CTN : 6 / 48



## HIGH TORQUE RATCHET SCREWDRIVER SET

### 15PCS 2 WAY

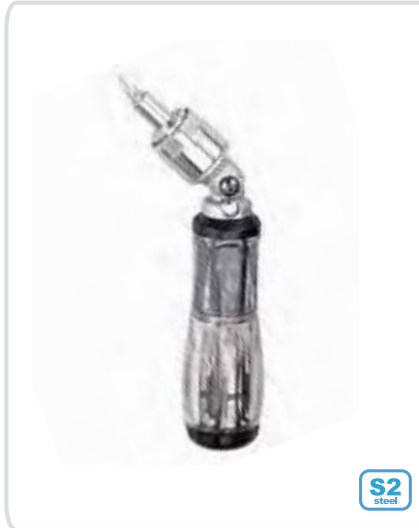


#### Composition

1Pc 1/4" X 60mm(L) Magnetic Bit Holder  
13PCS 1/4" X 25mm(L) Bit  
⊖ SL 4 / 5 / 6  
⊕ PH #0 / #1 / #2 / #3  
⦿ 3 / 4 / 6  
⊗ T15 / T20 / T25

BOX / CTN : 6 / 36

### 15PCS 5 WAY

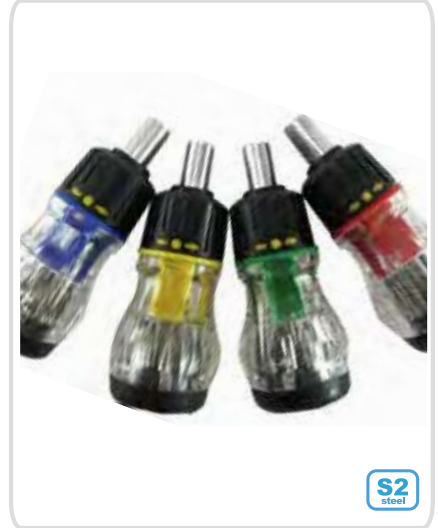


#### Composition

1Pc 1/4" X 60mm(L) Magnetic Bit Holder  
13PCS 1/4" X 25mm(L) Bit  
⊖ SL 4 / 5 / 6  
⊕ PH #0 / #1 / #2 / #3  
⦿ 3 / 4 / 6  
⊗ T15 / T20 / T25

BOX / CTN : 6 / 36

### 7 IN 1 STUBBY



#### Composition

7PCS 1/4" X 25mm(L) Bit  
⊖ SL 4 / 6  
⊕ PH #1 / #2 / #3  
⊗ T15 / T20

BOX / CTN : 6 / 48

## RATCHET SCREWDRIVER SET

### 20 PCS



#### Composition

1PC Ratchet Bits Driver  
8PCS Socket 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 mm  
11PCS Bits ⊖ 4 / 5 / 6  
⊕ PH#1 / PH#2  
⊕ PZ#1 / PZ#2  
⊗ T10 / T15 / T20  
Adaptor

BOX / CTN : 6 / 48

### 20 PCS



#### Composition

Flexible Ratchet Bits Driver  
8PCS Socket 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 mm  
11PCS Bits ⊖ 4 / 5 / 6  
⊕ PH#1 / PH#2  
⊕ PZ#1 / PZ#2  
⊗ T10 / T15 / T20  
Adaptor




BOX / CTN : 6 / 48

# SPECIAL SCREWDRIVER

## #A380 NUTDRIVER SERIES

### LONG SOCKET



A			
8L	150	12	120
9L	150	12	120
10L	150	12	120
11L	150	12	120
12L	150	12	120
13L	150	12	120
14L	150	12	120

### SHORT SOCKET



A			
5	150	12	120
5.5	150	12	120
6	150	12	120
7	150	12	120
8	150	12	120
9	150	12	120
10	150	12	120
11	150	12	120
12	150	12	120
13	150	12	120
14	150	12	120

### PICK UP BAR



#### Composition




Magnetic Capacity 3KG / 510mm Length

Magnetic Capacity 1KG / 510mm Length

## #645 T-BAR NUTDRIVER




### LONG SOCKET



A			
7L	77	12	120
8L	77	12	120
9L	77	12	120
10L	77	12	120
11L	77	12	120
12L	77	12	120
13L	77	12	120
14L	77	12	120

### SHORT SOCKET



A			
5	42	12	120
5.5	42	12	120
6	42	12	120
7	42	12	120
8	42	12	120
9	42	12	120
10	42	12	120
11	42	12	120
12	42	12	120
13	42	12	120
14	42	12	120

### FLEXIBLE DRIVER



#### Composition

6X150mm

7X150mm

8X150mm

10X150mm

1/4"X150mm

1/4"X190mm (NON COATED)

1/4"X250mm (NON COATED)



## CAR REPAIR TOOLS

### REMOVAL TOOLS



#### Composition

Gasket Scraper 8X150mm

Clip Remover 9X125mm

Door Upholstery Remover 9 5X125mm

Door Upholstery Remover 6X90mm

Scratch Awl/Rubber Hook 8X90mm

### FILE TOOLS



#### Composition

Files «Round» 200mm

Files «Square» 200mm

Files «Triangle» 200mm

Files «Half-round» 200mm

Files «Flat» 200mm

### #725 O-RING & SEAL PICK SET



#### Composition

Straight Pick x 80mm

Angle Hook x 80mm

Full Hook x 80mm

90-Degree Hook x 80mm

Left Spoon type removers 25 degrees x 75mm

Left Spoon type removers 25 degrees x 140mm

Right Spoon type removers 15 degrees x 75mm

Right Spoon type removers 15 degrees x 140mm

## MULTI-FUNCTION SETS

### 10 IN 1 NUTDRIVER SET



CrV

Handle : ABS / TPR

5 / 6 / 7 / 8L / 9L / 10L / 11L /

12L / 13L / 14L

5 / 5.5 / 6 / 7 / 8L / 9L / 10L /

11L / 12L / 13L

### 13 IN 1 NUTDRIVER SCREWDRIVER SET



CrV

Handle : ABS / TPR

6 / 8L / 10L / 11L / 12L / 13L / 14L

SL4.5 / SL5.5 / SL6.5

PH#1 / PH#2 / PH#3

### 20 IN 1 SCREWDRIVER SET



S2 CrV

Handle : ABS / TPR

⊖ 4.0/ 4.5/ 5.5/ 6.5

⊕ PH#1 / PH#2 / PH#3

⊕ PZ#1 / PZ#2 / PZ#3

⦿ 3/ 4/ 5/ 6

⦿ T10/ T15/ T20/ T25/ T30/T40

# PRECISION SCREWDRIVER

## 6PCS PRECISION SCREWDRIVER SET Cr-Mo

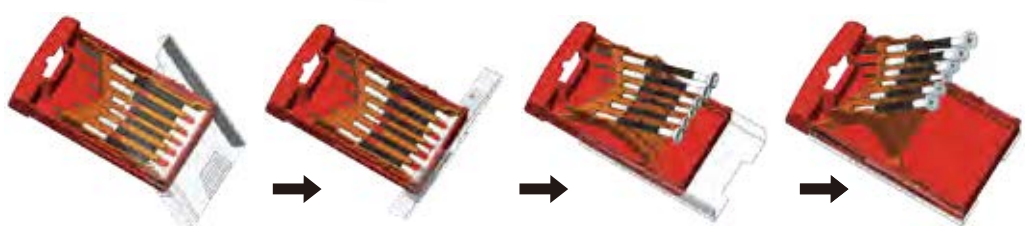


**Composition**  
1.4 / 2.0 / 2.4 mm  
PH00 / PH0 / PH1





BOX / CTN : 12 / 72



Applied at high precision industries:  
3C, Watches, Glasses...



## PRECISION SCREWDRIVER SET

30 IN 1	12 IN 1 SET	6 PCS SET	6 PCS SET
			
<span>Cr-Mo</span>	<span>Cr-Mo</span>	<span>Cr-Mo</span>	<span>Cr-Mo</span>
<b>Composition</b> ⌀ 1.0 / 1.5 / 2.0 / 2.5 / 3.0 / 3.5 / 4.0 mm ⊕ PH000 / PH00 / PH0 / PH1 ⊗ PZ0 / PZ1 ⊛ T4 / T5 / T6 / T7 / T8 / T9 / T10 / T15 / T20 ○ 0.7 / 0.9 / 1.3 / 1.5 / 2.0 / 2.5 / 3.0 / 4.0 mm HEX EXTENSION BAR 4.0 x 90mm	<b>Composition</b> ⌀ 1.5 / 2.5 / 3.0 mm ⊕ PH00 / PH0 / PH1 ⊛ T6 / T7 / T8 / T9 ○ 1.5 / 2.0 mm	<b>Composition</b> ⌀ 1.5 / 2.5 / 3.0 mm ⊕ PH00 / PH0 / PH1 ⊛ T5 / T6 / T7 / T8 / T10 / T15 ⊛ T5 / T6 / T7 / T8 / T10 / T15	<b>Composition</b> ⌀ 1.5 / 2.5 / 3.0 mm ⊕ PH00 / PH0 / PH1 ⊛ T5 / T6 / T7 / T8 / T10 / T15 ⊛ T5 / T6 / T7 / T8 / T10 / T15
BOX / CTN : 12 / 72	BOX / CTN : 12 / 72	BOX / CTN : 12 / 72	BOX / CTN : 12 / 72



## INSULATED SERIES/PRECISION SCREWDRIVER



#610



#620



#620



#630



VDE 1000V  
IEC 60900



### ⊖ SLOTTED

Size	Length	Weight	Box Qty	Case Qty
1.0	0.22	50	24	240
1.5	0.23	50	24	240
2.0	0.4	50	24	240
2.5	0.4	50	24	240
3.0	0.5	50	24	240
3.5	0.6	50	24	240
4.0	0.8	50	24	240

### ⊕ PHILLIPS

Size	Length	Weight	Box Qty	Case Qty
#000	2.0	50	24	240
#00	2.0	50	24	240
#0	3.0	50	24	240
#1	4.0	50	24	240

### ⬡ HEX

Size	Length	Weight	Box Qty	Case Qty
0.7	2.0	50	24	240
0.9	2.0	50	24	240
1.3	2.0	50	24	240
1.5	2.0	50	24	240
2.0	3.0	50	24	240
2.5	4.0	50	24	240
3.0	4.0	50	24	240

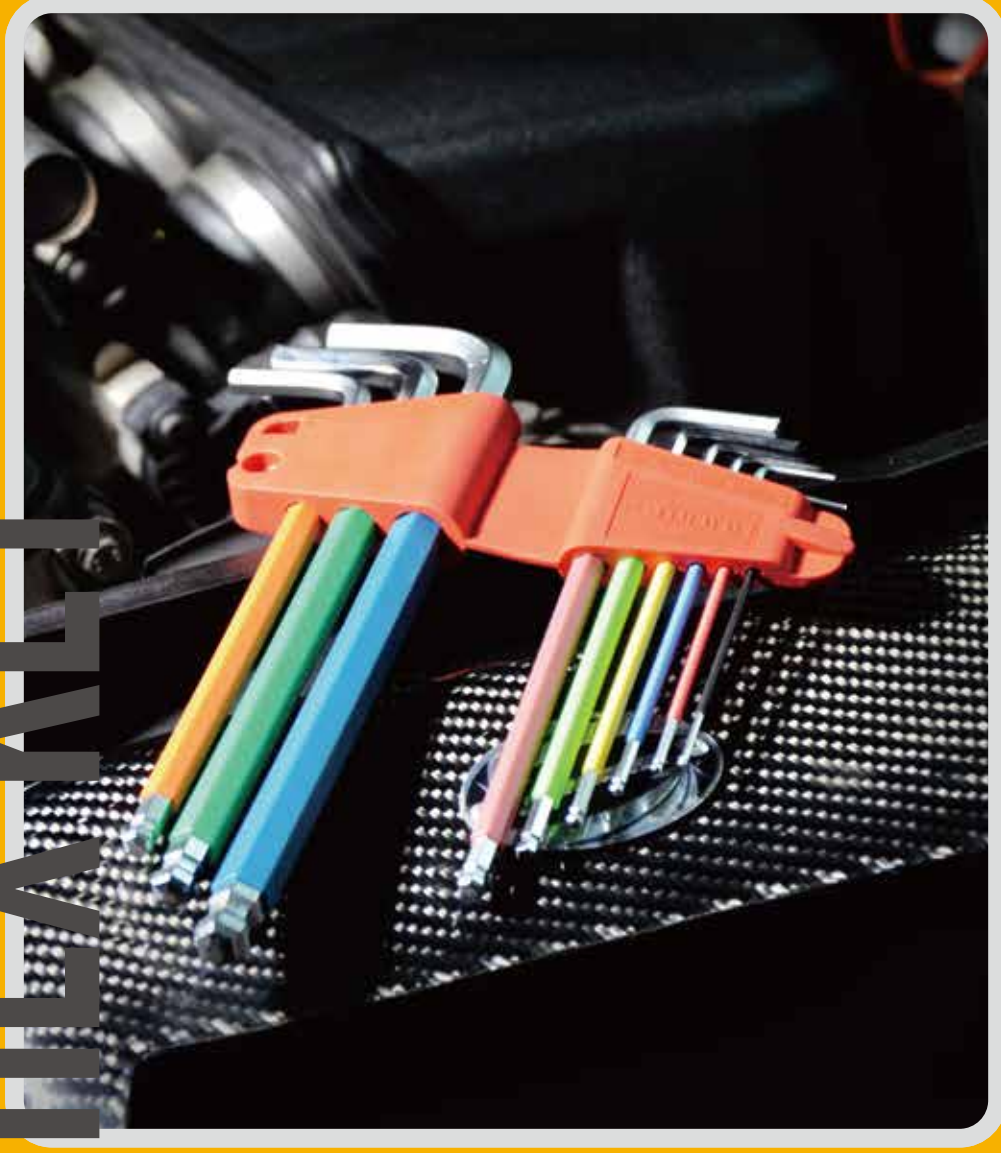
### ⊗ TORX TAMPER

Size	Length	Weight	Box Qty	Case Qty
T4	3.0	50	24	240
T5	3.0	50	24	240
T6	3.0	50	24	240
T7	3.0	50	24	240
T8	3.0	50	24	240
T9	3.0	50	24	240
T10	3.0	50	24	240
T15	4.0	50	24	240

### ⊛ TORX

Size	Length	Weight	Box Qty	Case Qty
T4	3.0	50	24	240
T5	3.0	50	24	240
T6	3.0	50	24	240
T7	3.0	50	24	240
T8	3.0	50	24	240
T9	3.0	50	24	240
T10	3.0	50	24	240
T15	4.0	50	24	240

# HEX KEY





## ANTI-SLIP COLORFUL GRIP SERIES

Easy For Handling, Management by Color and Size Identify

S2 steel Hardness: HRC 54-58

Standard: Meet DIN Standard

## S2 STEEL SERIES

Hardness: HRC 54-58

Standard: Meet DIN Standard

## CR-V STEEL SERIES

Hardness: Exceed HRC50

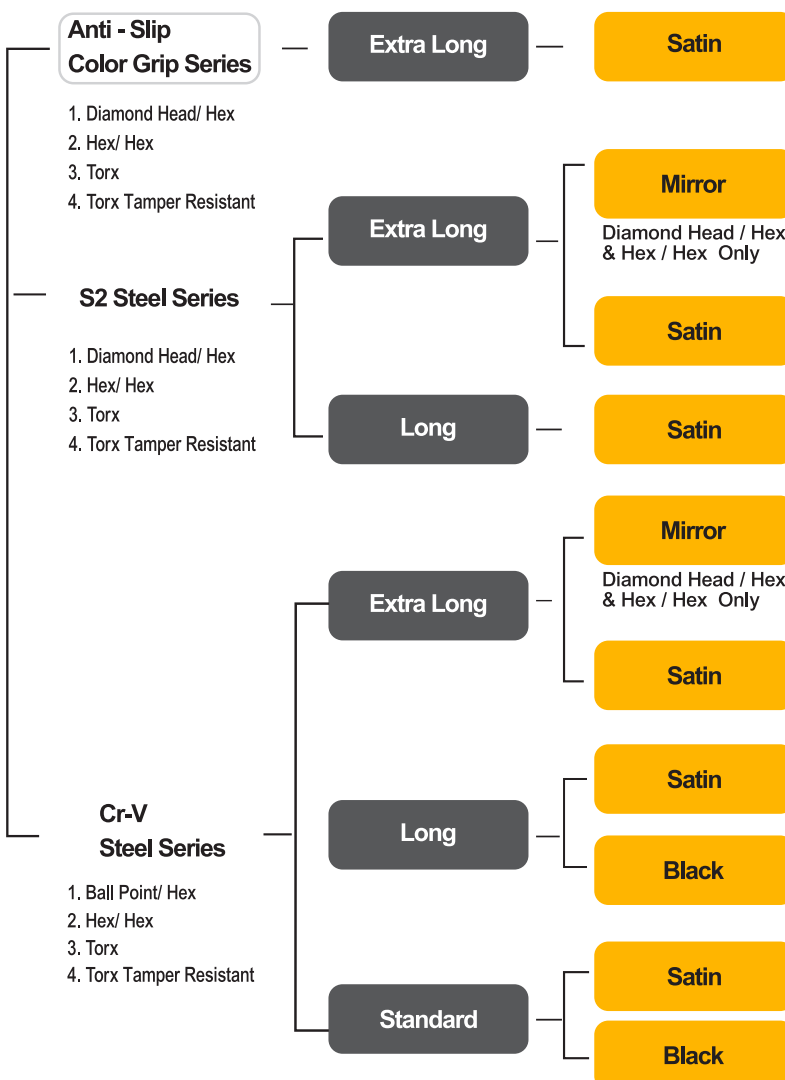
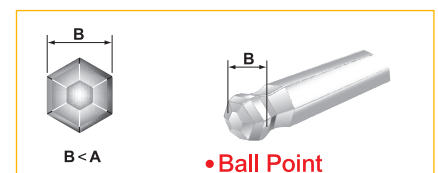
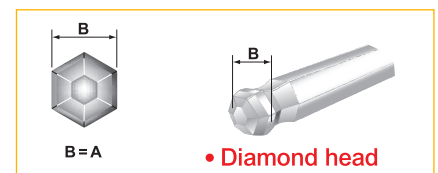
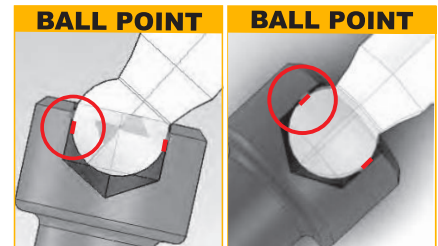
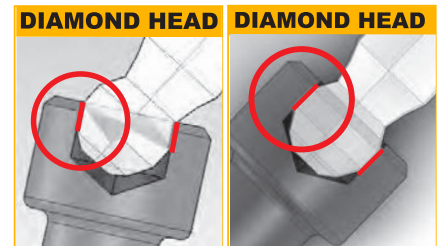
## MAGNETIC

we magnetize every piece per our standard.



### Feature

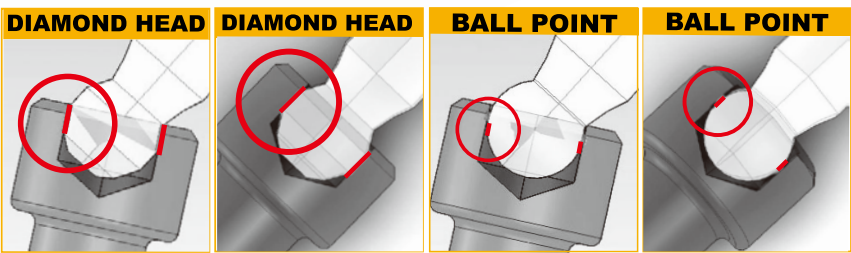
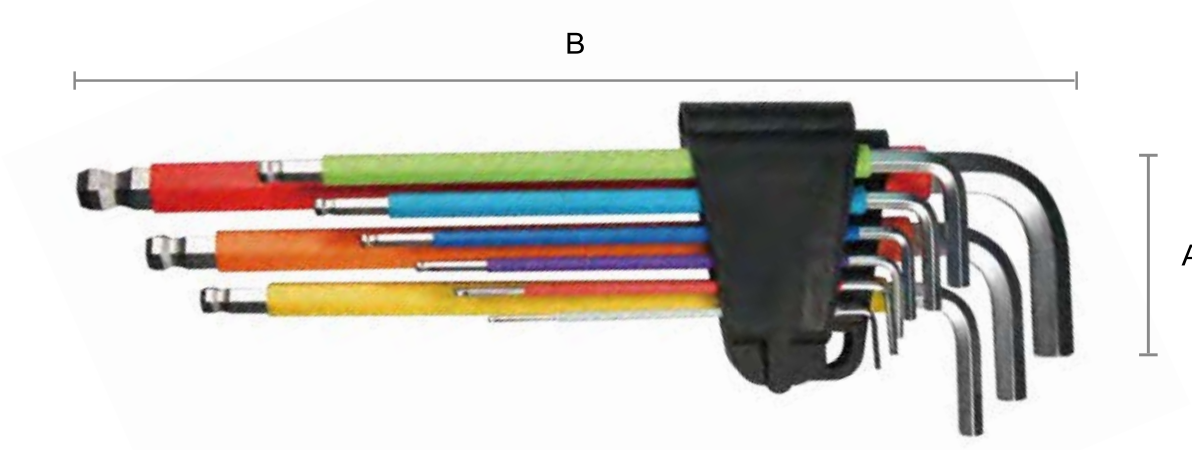
- 1.Enlarged Contacting Surface
- 2.Screw within angle
- 3.Avoid idling
- 4.Patented
- 5.Much Stronger Torque



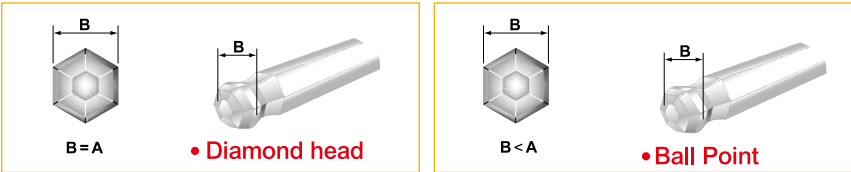
# HEX KEY

## #862 9 PCS ANTI-SLIP COLOR GRIP HEX KEY SET

STEEL MATERIAL :   
COATING MATERIAL : PP



- Feature**
- 1.Enlarged Contacting Surface
  - 2.Screw within angle
  - 3.Avoid idling
  - 4.Patented



### TIPS : DIAMOND-HEX HEX-HEX

### TIPS : TORX TAMPER TORX

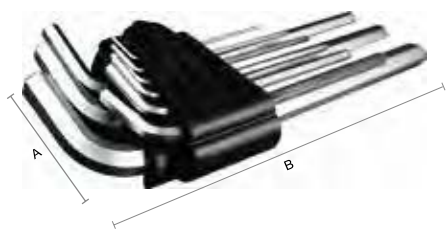
Extra Long			Extra Long		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
1.5	15.5	91.5	T10	21	123
2.0	18	102	T15	23.5	133.5
2.5	20.5	114.5	T20	27	144
3.0	23	129	T25	30.5	154.5
4.0	29	144	T27	31	165
5.0	33	165	T30	37	176
6.0	38	186	T40	41	192
8.0	44	208	T45	47	210
10.0	50	234	T50	49	235

Packing : Blister Carded, Half Double Blister



## #862 9 PCS HEX KEY SET

STEEL MATERIAL :  



TIPS :  DIAMOND-HEX  HEX-HEX  BALLPOINT-HEX [ METRIC ]

Extra Long			Long			Standard		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
1.5	15.5	91.5	1.5	15.5	63.5	1.5	15.5	46.5
2.0	18	102	2.0	18	77	2.0	18	52
2.5	20.5	114.5	2.5	20.5	87.5	2.5	20.5	58.5
3.0	23	129	3.0	23	93	3.0	23	66
4.0	29	144	4.0	29	104	4.0	29	74
5.0	33	165	5.0	33	120	5.0	33	85
6.0	38	186	6.0	38	141	6.0	38	96
8.0	44	208	8.0	44	158	8.0	44	108
10.0	50	234	10.0	50	180	10.0	50	122

Packing:Blister Carded

TIPS :  DIAMOND-HEX  HEX-HEX [ INCH ]

Extra Long			Long			Standard		
Tip(inch)	A(mm)	B(mm)	Tip(inch)	A(mm)	B(mm)	Tip(inch)	A(mm)	B(mm)
1/16"	16	91	1/16"	16	78	1/16"	16	46
5/64"	17	102	5/64"	17	83	5/64"	17	50
3/32"	19	114	3/32"	19	88	3/32"	19	53
1/8"	21	129	1/8"	21	97	1/8"	21	59
5/32"	23	144	5/32"	23	107	5/32"	23	65
3/16"	26	165	3/16"	26	116	3/16"	26	72
1/4"	30	186	1/4"	30	135	1/4"	30	84
5/16"	34	208	5/16"	34	154	5/16"	34	97
3/8"	37	234	3/8"	37	173	3/8"	37	110

Packing:Blister Carded

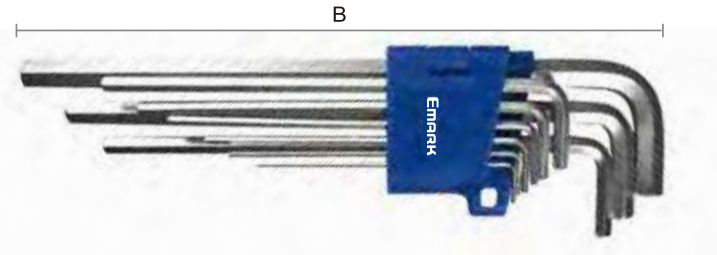
TIPS :  TORX TAMPER  TORX

Extra Long			Long			Standard		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
T10	21	123	T10	21	93	T10	21	49
T15	23.5	133.5	T15	23.5	98.5	T15	23.5	57
T20	27	144	T20	27	113	T20	27	63
T25	30.5	154.5	T25	30.5	125.5	T25	30.5	70
T27	31	165	T27	31	130	T27	31	77
T30	37	176	T30	37	140	T30	37	86
T40	41	192	T40	41	153	T40	41	98
T45	47	210	T45	47	166	T45	47	110
T50	49	235	T50	49	173	T50	49	125

Packing:Blister Carded

# HEX KEY

## #861 10PCS HEX KEY SET



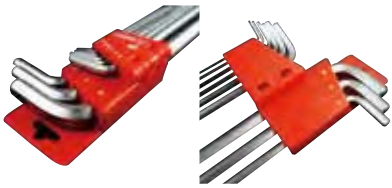
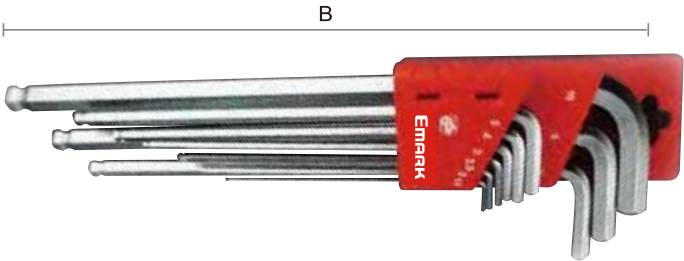
TIPS :  DIAMOND-HEX  HEX-HEX  BALLPOINT-HEX

STEEL MATERIAL :  S2  CrV

Extra Long			Long			Standard		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
1.27	13	81	1.27	13	63.5	1.27	13	41
1.5	15.5	91.5	1.5	15.5	63.5	1.5	15.5	46.5
2.0	18	102	2.0	18	77	2.0	18	52
2.5	20.5	114.5	2.5	20.5	87.5	2.5	20.5	58.5
3.0	23	129	3.0	23	93	3.0	23	66
4.0	29	144	4.0	29	104	4.0	29	74
5.0	33	165	5.0	33	120	5.0	33	85
5.5	38	186	5.5	38	141	5.5	38	96
8.0	44	208	8.0	44	158	8.0	44	108
10.0	50	234	10.0	50	180	10.0	50	122

Packing : Blister Carded

## #847 9 PCS HEX KEY SET



TIPS :  DIAMOND-HEX  HEX-HEX  BALLPOINT-HEX

STEEL MATERIAL :  S2  CrV

Extra Long			Long			Standard		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
1.5	15.5	91.5	1.5	15.5	63.5	1.5	15.5	46.5
2.0	18	102	2.0	18	77	2.0	18	52
2.5	20.5	114.5	2.5	20.5	87.5	2.5	20.5	58.5
3.0	23	129	3.0	23	93	3.0	23	66
4.0	29	144	4.0	29	104	4.0	29	74
5.0	33	165	5.0	33	120	5.0	33	85
6.0	38	186	6.0	38	141	6.0	38	96
8.0	44	208	8.0	44	158	8.0	44	108
10.0	50	234	10.0	50	180	10.0	50	122

Packing : Blister Carded



# #380 9 PCS HEX KEY SET



**TIPS:** **DIAMOND-HEX** **HEX-HEX** **BALLPOINT-HEX** **STEEL MATERIAL:**

Extra Long			Long		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
1.5	15.5	91.5	1.5	15.5	63.5
2.0	18	102	2.0	18	77
2.5	20.5	114.5	2.5	20.5	87.5
3.0	23	129	3.0	23	93
4.0	29	144	4.0	29	104
5.0	33	165	5.0	33	120
6.0	38	186	6.0	38	141
8.0	44	208	8.0	44	158
10.0	50	234	10.0	50	180

**Packing: Blister Carded**

# HEX KEY

## #850 9 PCS HEX KEY SET



TIPS: DIAMOND-HEX BALLPOINT-HEX

STEEL MATERIAL:

Extra Long			Long		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
1.5	15.5	91.5	1.5	15.5	63.5
2.0	18	102	2.0	18	77
2.5	20.5	114.5	2.5	20.5	87.5
3.0	23	129	3.0	23	93
4.0	29	144	4.0	29	104
5.0	33	165	5.0	33	120
6.0	38	186	6.0	38	141
8.0	44	208	8.0	44	158
10.0	50	234	10.0	50	180

Packing:Blister Carded

TIPS: TORX TAMPER TORX

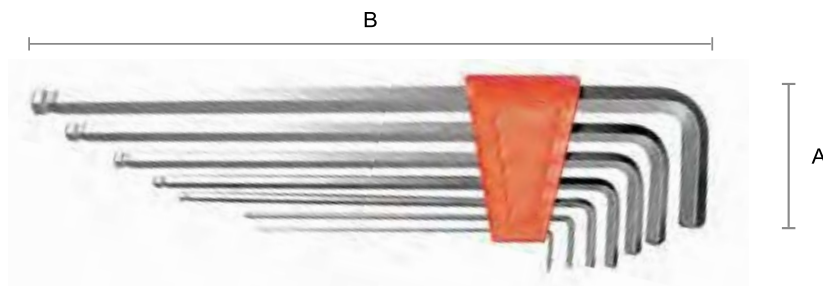
STEEL MATERIAL:

Extra Long			Long		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
T10	21	123	T10	21	93
T15	23.5	133.5	T15	23.5	98.5
T20	27	144	T20	27	113
T25	30.5	154.5	T25	30.5	125.5
T27	31	165	T27	31	130
T30	37	176	T30	37	140
T40	41	192	T40	41	153
T45	47	210	T45	47	166
T50	49	235	T50	49	173

Packing:Blister Carded



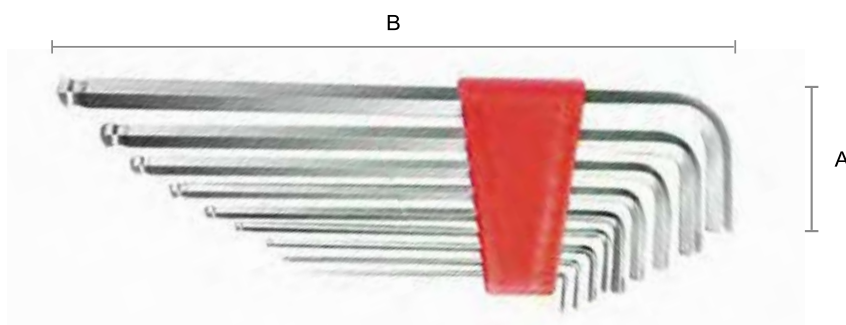
## #807 7 PCS HEX KEY SET



TIPS: HEX-HEX BALLPOINT-HEX STEEL MATERIAL: S2 CrV

Extra Long			Long			Standard		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
1.5	15.5	91.5	1.5	15.5	63.5	1.5	15.5	46.5
2.0	18	102	2.0	18	77	2.0	18	52
3.0	23	129	3.0	23	93	3.0	23	66
4.0	29	144	4.0	29	104	4.0	29	74
5.0	33	165	5.0	33	120	5.0	33	85
6.0	38	186	6.0	38	141	6.0	38	96
8.0	44	208	8.0	44	158	8.0	44	108

## #809 9 PCS HEX KEY SET



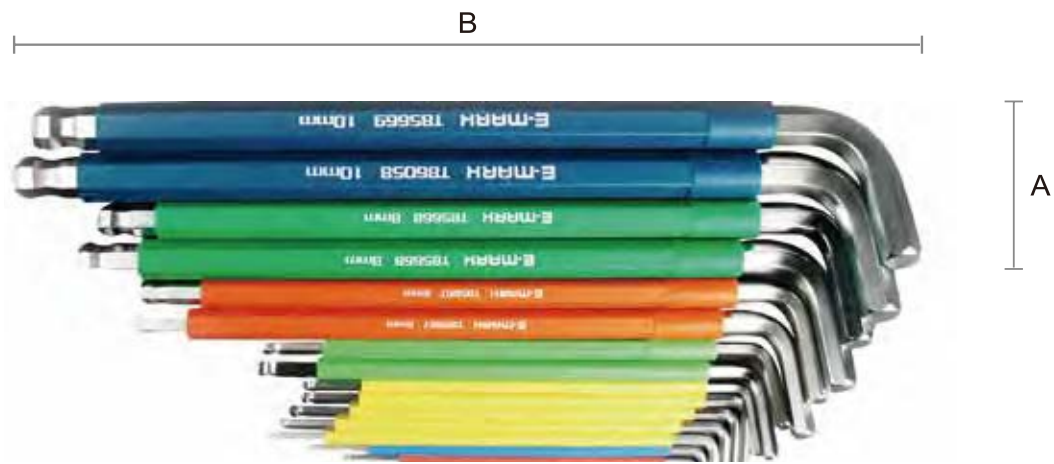
TIPS: HEX-HEX BALLPOINT-HEX STEEL MATERIAL: S2 CrV

Extra Long			Long			Standard		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
1.5	15.5	91.5	1.5	15.5	63.5	1.5	15.5	46.5
2.0	18	102	2.0	18	77	2.0	18	52
2.5	20.5	114.5	2.5	20.5	87.5	2.5	20.5	58.5
3.0	23	129	3.0	23	93	3.0	23	66
4.0	29	144	4.0	29	104	4.0	29	74
5.0	33	165	5.0	33	120	5.0	33	85
6.0	38	186	6.0	38	141	6.0	38	96
8.0	44	208	8.0	44	158	8.0	44	108
10.0	50	234	10.0	50	180	10.0	50	122

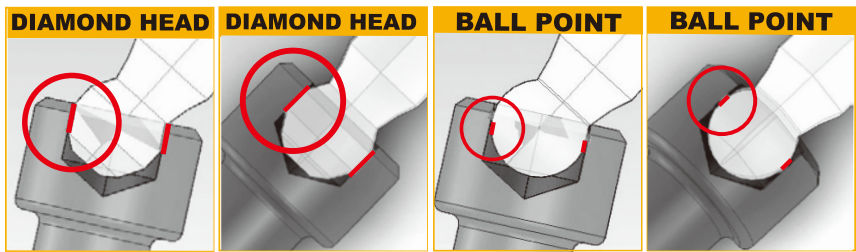
# HEX KEY

## ANTI-SLIP COLOR GRIP HEX KEY

STEEL MATERIAL :   
COATING MATERIAL : PP

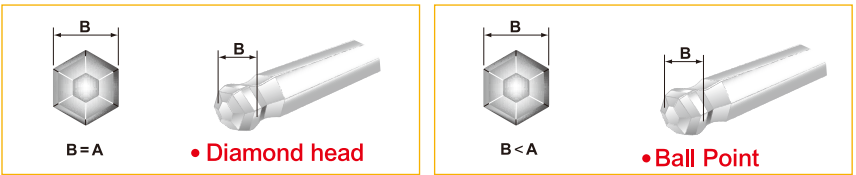


TRADEMARK



### Feature

- 1.Enlarged Contacting Surface
- 2.Screw within angle
- 3.Avoid idling
- 4.Patented



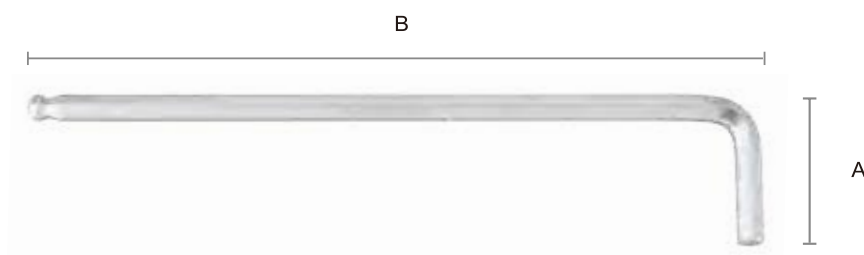
TIPS :  DIAMOND-HEX  HEX-HEX

TIPS :  TORX TAMPER  TORX

Extra Long			Extra Long		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
1.5	15.5	91.5	T10	21	123
2.0	18	102	T15	23.5	133.5
2.5	20.5	114.5	T20	27	144
3.0	23	129	T25	30.5	154.5
4.0	29	144	T27	31	165
5.0	33	165	T30	37	176
6.0	38	186	T40	41	192
8.0	44	208	T45	47	210
10.0	50	234	T50	49	235



## HEX KEY



TIPS: DIAMOND-HEX HEX-HEX [ METRIC ] STEEL MATERIAL:

Extra Long			Long			Standard		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
1.5	15.5	91.5	1.5	15.5	63.5	1.5	15.5	46.5
2.0	18	102	2.0	18	77	2.0	18	52
2.5	20.5	114.5	2.5	20.5	87.5	2.5	20.5	58.5
3.0	23	129	3.0	23	93	3.0	23	66
4.0	29	144	4.0	29	104	4.0	29	74
5.0	33	165	5.0	33	120	5.0	33	85
6.0	38	186	6.0	38	141	6.0	38	96
8.0	44	208	8.0	44	158	8.0	44	108
10.0	50	234	10.0	50	180	10.0	50	122

TIPS: DIAMOND-HEX HEX-HEX [ INCH ] STEEL MATERIAL:

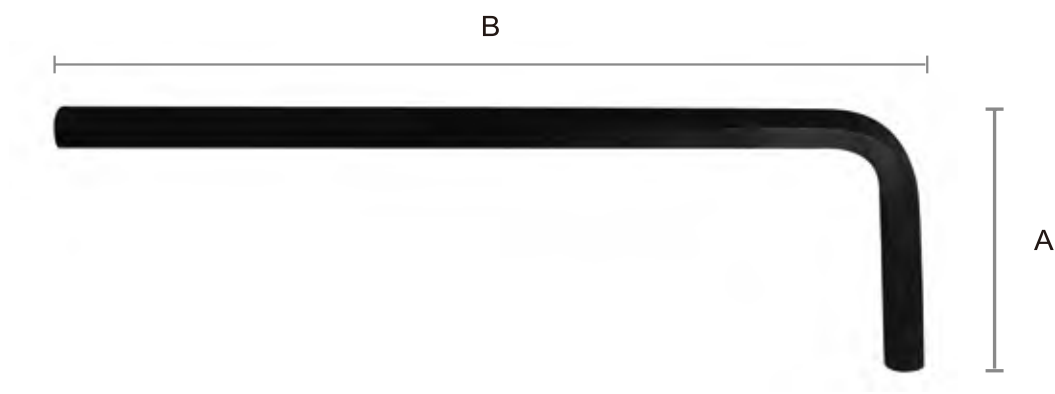
Extra Long			Long			Standard		
Tip(inch)	A(mm)	B(mm)	Tip(inch)	A(mm)	B(mm)	Tip(inch)	A(mm)	B(mm)
1/16"	16	91	1/16"	16	78	1/16"	16	46
5/64"	17	102	5/64"	17	83	5/64"	17	50
3/32"	19	114	3/32"	19	88	3/32"	19	53
1/8"	21	129	1/8"	21	97	1/8"	21	59
5/32"	23	144	5/32"	23	107	5/32"	23	65
3/16"	26	165	3/16"	26	116	3/16"	26	72
1/4"	30	186	1/4"	30	135	1/4"	30	84
5/16"	34	208	5/16"	34	154	5/16"	34	97
3/8"	37	234	3/8"	37	173	3/8"	37	110

TIPS: TORX TAMPER TORX STEEL MATERIAL:

Extra Long			Long			Standard		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
T10	21	123	T10	21	93	T10	21	49
T15	23.5	133.5	T15	23.5	98.5	T15	23.5	57
T20	27	144	T20	27	113	T20	27	63
T25	30.5	154.5	T25	30.5	125.5	T25	30.5	70
T27	31	165	T27	31	130	T27	31	77
T30	37	176	T30	37	140	T30	37	86
T40	41	192	T40	41	153	T40	41	98
T45	47	210	T45	47	166	T45	47	110
T50	49	235	T50	49	173	T50	49	125

# HEX KEY

## HEX KEY



TIPS: HEX-HEX BALLPOINT-HEX [ METRIC ] STEEL MATERIAL:

Extra Long			Long			Standard		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
1.5	15.5	91.5	1.5	15.5	63.5	1.5	15.5	46.5
2.0	18	102	2.0	18	77	2.0	18	52
2.5	20.5	114.5	2.5	20.5	87.5	2.5	20.5	58.5
3.0	23	129	3.0	23	93	3.0	23	66
4.0	29	144	4.0	29	104	4.0	29	74
5.0	33	165	5.0	33	120	5.0	33	85
6.0	38	186	6.0	38	141	6.0	38	96
8.0	44	208	8.0	44	158	8.0	44	108
10.0	50	234	10.0	50	180	10.0	50	122

Finish:Manganese Phosphate

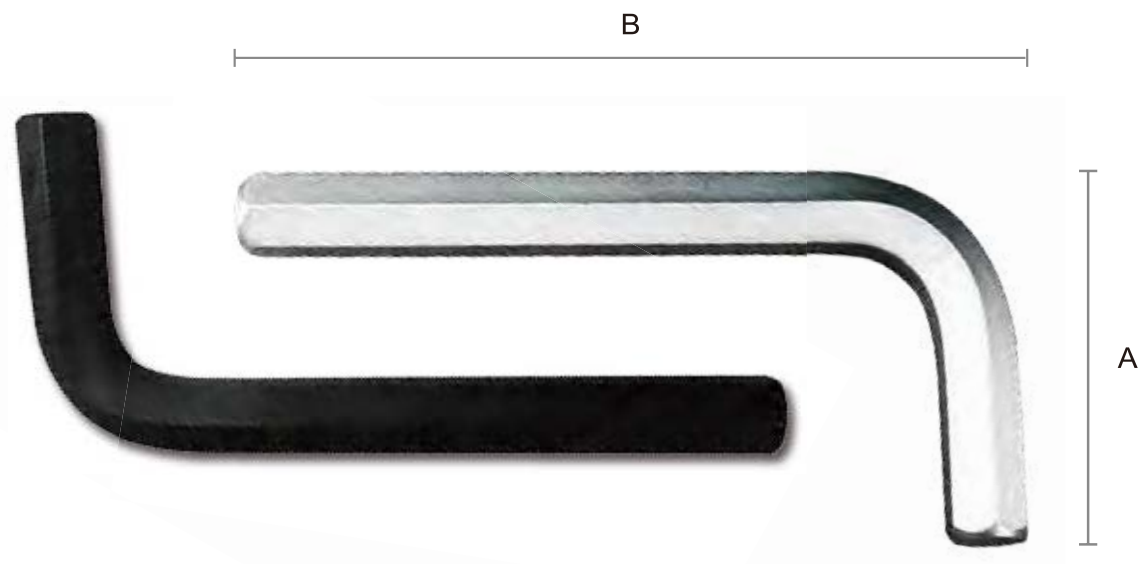
TIPS: HEX-HEX BALLPOINT-HEX [ INCH ] STEEL MATERIAL:

Extra Long			Long			Standard		
Tip(inch)	A(mm)	B(mm)	Tip(inch)	A(mm)	B(mm)	Tip(inch)	A(mm)	B(mm)
1/16"	16	91	1/16"	16	78	1/16"	16	46
5/64"	17	102	5/64"	17	83	5/64"	17	50
3/32"	19	114	3/32"	19	88	3/32"	19	53
1/8"	21	129	1/8"	21	97	1/8"	21	59
5/32"	23	144	5/32"	23	107	5/32"	23	65
3/16"	26	165	3/16"	26	116	3/16"	26	72
1/4"	30	186	1/4"	30	135	1/4"	30	84
5/16"	34	208	5/16"	34	154	5/16"	34	97
3/8"	37	234	3/8"	37	173	3/8"	37	110

Finish:Manganese Phosphate



## JOMBO



TIPS: HEX-HEX [ METRIC ] STEEL MATERIAL: 19 20

Long			Standard		
Tip(mm)	A(mm)	B(mm)	Tip(mm)	A(mm)	B(mm)
12	57	202	12	57	137
14	70	229	14	70	154
17	80	262	17	80	177
19	89	280	19	89	199
			22	102	222
			24	114	248
			27	127	277
			30	142	315
			32	157	347
			36	176	391

TIPS: HEX-HEX [ INCH ] STEEL MATERIAL: 19 20

Long			Standard		
Tip(inch)	A(mm)	B(mm)	Tip(inch)	A(mm)	B(mm)
7/16"	49	202	7/16"	49	132
1/2"	54	222	1/2"	54	146
9/16"	59	243	9/16"	59	160
5/8"	64	264	5/8"	64	175
3/4"	73	305	3/4"	73	203
7/8"	83	347	7/8"	83	232
1"	92	387	1"	92	260
			1-1/4"	113	323
			1-1/2"	132	379

Exact specification will be based on the latest quotation.

# HEX KEY

## #645 T-BAR



TIPS :  DIAMOND-HEX  HEX-HEX

STEEL MATERIAL : 

Long			Standard		
Tip(mm)	Handles	Length(H/L)	Tip(mm)	Handles	Length(H/L)
1.5	81 x 49.5	12 x 100	1.5	81 x 49.5	12 x 75
2.0	81 x 49.5	12 x 100	2.0	81 x 49.5	12 x 75
2.5	81 x 49.5	12 x 100	2.5	81 x 49.5	12 x 75
3.0	81 x 49.5	15 x 100	3.0	81 x 49.5	12 x 75
4.0	81 x 49.5	15 x 100	4.0	81 x 49.5	15 x 80
5.0	112 x 68	15 x 150	5.0	112 x 68	15 x 100
6.0	112 x 68	15 x 150	6.0	112 x 68	15 x 100
8.0	112 x 68	20 x 200	8.0	112 x 68	20 x 150
10.0	112 x 68	20 x 200	10.0	112 x 68	20 x 150

TIPS :  TORX TAMPER  TORX

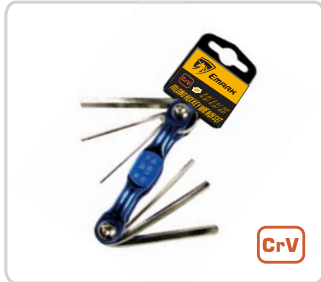
STEEL MATERIAL : 

Long			Standard		
Tip(mm)	Handles	Length(H/L)	Tip(mm)	Handles	Length(H/L)
T9	81 x 49.5	12 x 100	T9	81 x 49.5	12 x 75
T10	81 x 49.5	12 x 100	T10	81 x 49.5	12 x 75
T15	81 x 49.5	12 x 100	T15	81 x 49.5	12 x 75
T20	81 x 49.5	15 x 100	T20	81 x 49.5	15 x 75
T25	81 x 49.5	15 x 100	T25	81 x 49.5	15 x 80
T27	112 x 68	15 x 150	T27	112 x 68	15 x 100
T30	112 x 68	15 x 150	T30	112 x 68	15 x 100
T40	112 x 68	20 x 200	T40	112 x 68	20 x 150
T50	112 x 68	20 x 200	T50	112 x 68	20 x 150



## #851 FOLDING HEX KEY

### HEX



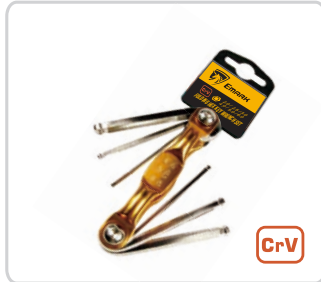
CrV

#### Composition

2.0 / 2.5 / 3.0  
4.0 / 5.0 / 6.0

BOX / CTN : 12 / 120

### BALL POINT



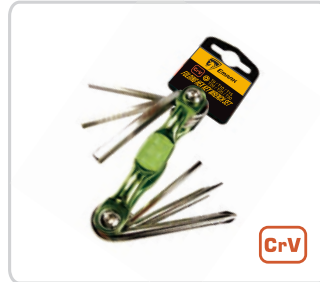
CrV

#### Composition

2.0 / 2.5 / 3.0  
4.0 / 5.0 / 6.0

BOX / CTN : 12 / 120

### TORX TAMPER



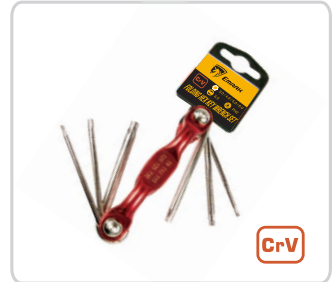
CrV

#### Composition

T9 / T10 / T15  
T20 / T25 / T30

BOX / CTN : 12 / 120

### HEX/PHILLIPS/SLOTTED



CrV

#### Composition

3.0 / 4.0 / 5.0 / 6.0  
6.0 PH2

BOX / CTN : 12 / 120

### 3PCS SET



CrV

#### Composition

2.0 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0  
3.0 / 4.0 / 5.0 / 6.0  
T9 / T10 / T15 / T20 / T25 / T30  
6.0  
PH2

BOX / CTN : 8 / 32

### HEX



CrV

#### Composition

2.5 / 3.0 / 4.0 / 5.0 / 6.0 / 8.0 / 10.0

BOX / CTN : 6 / 48

### TORX



CrV

#### Composition

T8 / T10 / T15 / T20 / T25 / T27 / T30 / T40

BOX / CTN : 6 / 48

### TORX TAMPER



CrV

#### Composition

T8 / T10 / T15 / T20 / T25 / T27 / T30 / T40

BOX / CTN : 6 / 48

# BITS





# INSERT BITS SERIES 5/16" DR.

## SLOTTED



8.0	30 / 36 / 75 / 80
10	30 / 36 / 75 / 80
12	30 / 36 / 75 / 80
14	30 / 36 / 75 / 80

## PHILLIPS



PH1	30 / 36 / 75 / 80
PH2	30 / 36 / 75 / 80
PH3	30 / 36 / 75 / 80
PH4	30 / 36 / 75 / 80

## SPLINE



M5	30 / 36 / 75 / 80
M6	30 / 36 / 75 / 80
M8	30 / 36 / 75 / 80
M10	30 / 36 / 75 / 80
M12	30 / 36 / 75 / 80

## POZIDRIV



PZ1	30 / 36 / 75 / 80
PZ2	30 / 36 / 75 / 80
PZ3	30 / 36 / 75 / 80
PZ4	30 / 36 / 75 / 80

## TORX



T20	30 / 36 / 75 / 80
T25	30 / 36 / 75 / 80
T27	30 / 36 / 75 / 80
T30	30 / 36 / 75 / 80
T40	30 / 36 / 75 / 80
T45	30 / 36 / 75 / 80
T50	30 / 36 / 75 / 80
T55	30 / 36 / 75 / 80
T60	30 / 36 / 75 / 80
T70	30 / 36 / 75 / 80

## TORX TAMPER



T20	30 / 36 / 75 / 80
T25	30 / 36 / 75 / 80
T27	30 / 36 / 75 / 80
T30	30 / 36 / 75 / 80
T40	30 / 36 / 75 / 80
T45	30 / 36 / 75 / 80
T50	30 / 36 / 75 / 80
T55	30 / 36 / 75 / 80
T60	30 / 36 / 75 / 80
T70	30 / 36 / 75 / 80

## HEXAGON

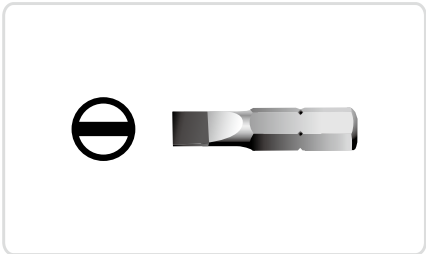




4.0	30 / 36 / 75 / 80
5.0	30 / 36 / 75 / 80
6.0	30 / 36 / 75 / 80
7.0	30 / 36 / 75 / 80
8.0	30 / 36 / 75 / 80
10	30 / 36 / 75 / 80
12	30 / 36 / 75 / 80
14	30 / 36 / 75 / 80

INSERT BITS SERIES 1/4" DR.

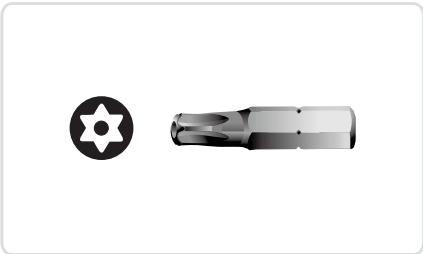


SLOTTED



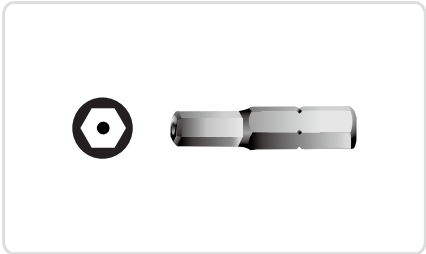
	
2.5	25
3.0	25
4.0	25
5.0	25
5.5	25
6.0	25
7.0	25



TORX TAMPER



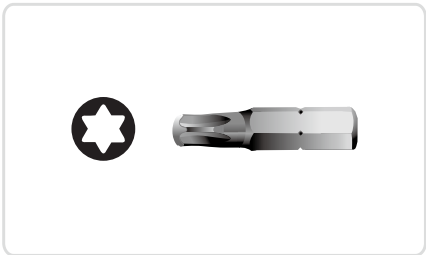
	
T8	25
T10	25
T15	25
T20	25
T25	25
T27	25
T30	25
T40	25



HEX TAMPER



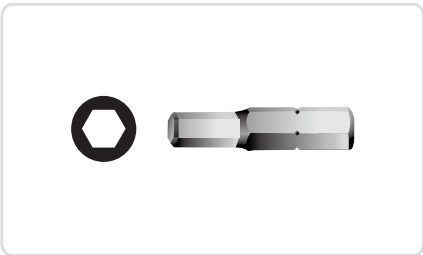
	
2.0	25
2.5	25
3.0	25
4.0	25
5.0	25
5.5	25
6.0	25



TORX



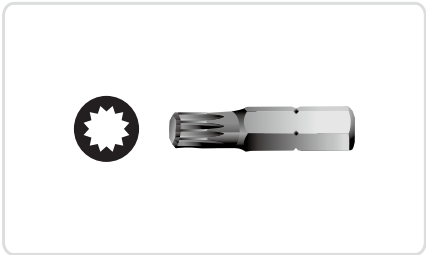
	
T8	25
T10	25
T15	25
T20	25
T25	25
T27	25
T30	25
T40	25



HEXAGON



	
1.5	25
2.0	25
2.5	25
3.0	25
4.0	25
5.0	25
5.5	25
6.0	25

SPLINE



	
M4	25
M5	25
M6	25
M8	25
M10	25



## INSERT BITS SERIES 1/4" DR.

### CLUTCH



1/8

25

5/32

25

3/16

25

1/4

25

### SPANNER



4

25

6

25

8

25

10

25

### SQUARE



S0

25

S1

25

S2

25

S3

25

### POZIDRIV



PZ0

25

PZ1

25

PZ2

25

PZ3

25

### TORQ-SET



4

25

6

25

8

25

10

25

### PHILLIPS



PH0

25

PH1

25

PH2

25

PH3

25

### TRI-WING



0

25

1

25

2

25



3

25

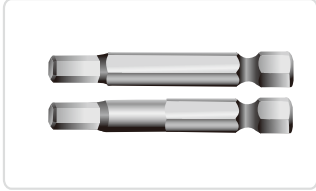
## POWER BITS SERIES



### HEXAGON POWER BITS



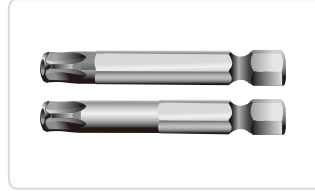
	
2.0	50 / 70 / 90 / 110
2.5	50 / 70 / 90 / 110
3.0	50 / 70 / 90 / 110
4.0	50 / 70 / 90 / 110
5.0	50 / 70 / 90 / 110
5.5	50 / 70 / 90 / 110
6.0	50 / 70 / 90 / 110

### HEX TAMPER POWER BITS



	
2.0	50 / 70 / 90 / 110
2.5	50 / 70 / 90 / 110
3.0	50 / 70 / 90 / 110
4.0	50 / 70 / 90 / 110
5.0	50 / 70 / 90 / 110
5.5	50 / 70 / 90 / 110
6.0	50 / 70 / 90 / 110

### TORX TAMPER POWER BITS



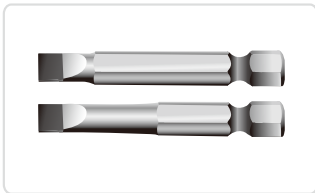
	
T10	50 / 70 / 90 / 110
T15	50 / 70 / 90 / 110
T20	50 / 70 / 90 / 110
T25	50 / 70 / 90 / 110
T27	50 / 70 / 90 / 110
T30	50 / 70 / 90 / 110
T40	50 / 70 / 90 / 110



### TORX POWER BITS



	
T10	50 / 70 / 90 / 110
T15	50 / 70 / 90 / 110
T20	50 / 70 / 90 / 110
T25	50 / 70 / 90 / 110
T27	50 / 70 / 90 / 110
T30	50 / 70 / 90 / 110
T40	50 / 70 / 90 / 110



### SLOTTED POWER BITS



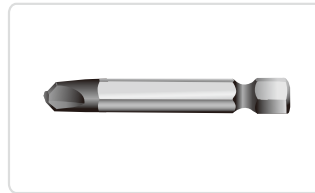
	
3.0	50 / 70 / 90 / 110
4.0	50 / 70 / 90 / 110
5.0	50 / 70 / 90 / 110
5.5	50 / 70 / 90 / 110
6.0	50 / 70 / 90 / 110
7.0	50 / 70 / 90 / 110

### SQUARE POWER BITS



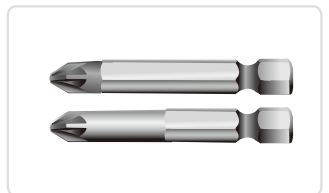
	
S0	50 / 70 / 90 / 110
S1	50 / 70 / 90 / 110
S2	50 / 70 / 90 / 110
S3	50 / 70 / 90 / 110



### TRI-WING



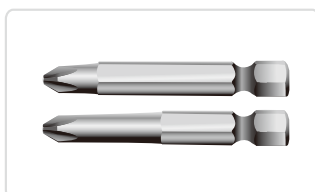
	
0	50 / 70 / 90 / 110
1	50 / 70 / 90 / 110
2	50 / 70 / 90 / 110
3	50 / 70 / 90 / 110



### POZIDRIV



	
PZ0	50 / 70 / 90 / 110
PZ1	50 / 70 / 90 / 110
PZ2	50 / 70 / 90 / 110
PZ3	50 / 70 / 90 / 110



### PHILLIPS



	
PH0	50 / 70 / 90 / 110
PH1	50 / 70 / 90 / 110
PH2	50 / 70 / 90 / 110
PH3	50 / 70 / 90 / 110

### TORQ-SET



	
4	50 / 70 / 90 / 110
6	50 / 70 / 90 / 110
8	50 / 70 / 90 / 110
10	50 / 70 / 90 / 110



# 11PCS IMPACT SCREWDRIVER SET

HANDLE MATERIAL : **CrV**

BITS MATERIAL : **S2 steel**



## Composition

⊖ SL 5 / 6 / 8 / 10 / 12 / 14

⊕ PH 1 / 2 / 3

Impact Screwdriver 1/2"DR.

BIT HOLDER 5/16" for 1/2" Square

## 17 PCS BITS SET



**S2**  
steel

## Composition

⊖ 4.0 / 5.0 / 6.0

⊕ PH1 / PH2(2) / PH3

⊕ PZ1 / PZ2(2) / PZ3

⊕ T10 / 15 / 20 / 25 / 30

1/4 Quick-Chuck Bit Holder

## 33 PCS BITS SET



**S2**  
steel

## Composition

⊖ 3.0 / 4.0 / 5.0 / 6.0 / 6.5

⊕ PH1 / PH2(2) / PH3

⊕ PZ1 / PZ2(2) / PZ3

⊕ T-8 / 9 / 10 / 15(2) / 20(2) / 25(2) / 27 / 30 / 40

○ 2.0 / 2.5 / 3.0 / 4.0 / 5.0 / 6.0

ADAPTOR

1/4 Hex Quick-Chuck Bit Holder

# BITS SET

## 2 WAY RATCHET 72 TEETH RATCHET



## IN-HAND RATCHET 60 TEETH RATCHET



## 2 WAY RATCHET 1/4"DR.



### SOCKETS & BITS SET

Spline,6pt.12pt. Socket Available

26 PCS

#226



### 25MM BITS SET

30 PCS

#230

Composition
7-1/4"DR. SOCKET 6-7-8-9-10-11-13mm 1-1/4" SOCKET ADAPTOR 25mmL 1-1/4"DR. DOUBLE HEAD SOCKET & BIT DRIVER MINI RATCHET 72T. 16-1/4"DR. BITS PH:2-3 PZ:2-3 H:3-4-5-6 SL:4-5-6 TX:10-15-20-25-30 1-1/4"DR. BITS HOLDER 60mmL

Composition
27-1/4"DR. BITS PH:1-1-1-2-2-3-3 PZ: 1-1-1-2-2-3-3 H:3-4-5-6 SL: 3-4-5-6 TX:10-15-20-25-30 1-1/4"DR. SOCKET ADAPTOR 25mmL 1-1/4"DR. BITS HOLDER 60mmL 1-1/4"DR. BIT RATCHET 72T



## QUICK RELEASE 1/4" DR.

**50MM BITS SET****15 PCS****#115A****Composition**

14-1/4" DR.BITS 50 mmL  
PZ:1,2  
PH:1,2  
T:10,15,20,25,30  
HEX:3,4,5  
SL:4,6  
1-QUICK RELEASE MAGNETIC BIT HOLDER

**25MM BITS SET****15 PCS****#115****Composition**

14-1/4" DR.BITS 25 mmL  
PZ:1,2,3  
PH:1,2,3  
T:10,15,20,25,30  
SL:4,5,6  
1-QUICK RELEASE MAGNETIC BIT HOLDER

## 2 WAY RATCHET 1/4"DR.

**SOCKETS SET**

Spline,6pt,12pt. Socket Available

**13 PCS****#213****Composition**

10-1/4"DR. SOCKET  
4-5-5.5-6-7-8-9-10-11-13mm  
1-EXTENSION BAR 1/4"DR.x100mmL  
1-UNIVERSAL JOINT 1/4"DR.  
1-1/4"DR. MINI QUICK RELEASE 72T RATCHET

**SOCKETS SET**

Spline,6pt,12pt. Socket Available

**15 PCS****#215****Composition**

12-1/4"DR. SOCKET  
4-4.5-5-5.5-6-7-8-9-10-11-12-13mm  
1-EXTENSION BAR 1/4"DR.x55mmL  
1-UNIVERSAL JOINT 1/4"DR.  
1-1/4"DR. MINI QUICK RELEASE 72T RATCHET

# BITS SET

## QUICK RELEASE 1/4" DR.

25MM&75MM BITS SET

71 PCS



#172

Composition
60 - 1/4" DR. BITS 25mmL PZ:1x3,2x6,3x3 PH:1x3,2x6,3x3 T:10,15,20,25,27,30,40/per 3 pcs HEX:4x3,5x3,6x3 SL:4x3,6x3
9 - 1/4" DR. BITS 75mmL PZ:1,2 PH:1,2,3 TX:20,25 SL:4,6
1-QUICK RELEASE MAGNETIC BIT HOLDER
1-STAINLESS MAGNETIC BIT HOLDER

25MM BITS SET

32 PCS



#132

Composition
30-1/4" DR. BITS 25mmL PZ:1,2x2,3 PH:1,2x2,3 T:10,15,20,25,27,30,40 TX:10,15,20,25,27,30,40 HEX:3,4,5,6 SL3,4,5,6
1-1/4" DR. SOCKET ADAPTOR 25mmL
1-QUICK RELEASE MAGNETIC BIT HOLDER

25MM&75MM BITS SET  
[WITH SPECIAL HEADS]

71 PCS



#172A

Composition
59-1/4" DR. BITS 25mmL PZ:1x2,2x2,3x2 PH:1x2,2x2,3x2 TX:10,15x2,20x2,25x2,27,30 HEX:4x2,5x2,6x2 SL:4x2,5x2,6x2 SQ:0,1,2,3 TORQ-SET:6,8,10 CLUTCH:1,2,3 SPANNER:4,6,8,10 RIBE:4,5,6,7 TRI-WING 1,2,3,4 SPLINE 4,5,6,8
9-1/4" DR. BITS 75mmL PZ:1,2 PH:1,2,3 T:20,25 SL:4,6
1-QUICK RELEASE MAGNETIC BIT HOLDER
1-STAINLESS MAGNETIC BIT HOLDER
1-HOOK EYELET

SOCKET & BITS SET  
[ALSO AVAILABLE IN SPLINE SOCKET]

56 PCS



#156

Composition
36-1/4" DR. BITS 25mmL PZ:1x2,2x2,3x2 PH:1x2,2x2,3x2 T:15,20,25,27,30,40 TX:15,20,25,27,30,40 HEX:4x2,5x2,6x2 SL:4x2,5x2,6x2
8-1/4" DR.SOCKET 6,7,8,9,10,11,12,13
1-1/4" DR. SOCKET ADAPTER 25mmL
10-1/4" DR. BITS 50mmL PZ:1,2 PH:1,2,3 T:20,25 SL:4,5,6
1-QUICK RELEASE MAGNETIC BIT HOLDER



## IN-HAND RATCHET 1/4"DR.

### SOCKETS SET

Spline, 6pt. 12pt. Socket Available

15 PCS



#315

#### Composition

11-1/4"DR. SOCKET  
4-5-5.5-6-7-8-9-10-11-12-13MM  
1-1/4"DR. BIT COUPLER 6.3mm  
1-EXTENSION BAR 1/4"DR.x55mmL  
1-UNIVERSAL JOINT 1/4"DR.  
1-1/4"DR. QUICK RELEASE PLASTIC HANDLE  
60T RATCHET

### 25MM&50MM BITS SET

25 PCS



#325

#### Composition

6-1/4"DR. BITS 50mmL  
2-SL : 4,6mm 2-PH : #1,#,2.  
2-TX: T20,T25  
17-1/4"DR. BITS 25mmL  
3-PH:1-2-3  
3-PZ: 1-2-3 4-H:3-4-5-6  
3-SL:4-5-6 4-TX:10-15-20-25  
1-1/4"DR. SOCKET ADAPTOR 25mmL  
1-1/4"DR. BIT PLASTIC HANDLE 60T RATCHET

### 25MM BITS SET

27 PCS



#327A

#### Composition

24-1/4"DR. BITS  
PH:1-1-2-2-3-3  
PZ: 1-1-2-2-3-3  
H:3-4-5-6  
SL:4-5-6  
TX:10-15-20-25-30  
1-1/4"DR. SOCKET ADAPTOR 25mmL  
1-1/4"DR. BITS HOLDER 60mmL  
1-1/4"DR. BIT PLASTIC HANDLE 60T RATCHET

### SOCKETS & BITS SET

Spline, 6pt. 12pt. Socket Available

27 PCS



#327B

#### Composition

8-1/4"DR. SOCKET  
5-6-7-8-9-10-11-13MM  
16-1/4"DR. BITS  
PH:2-3 PZ: 2-3  
H:3-4-5-6 SL:4-5-6  
T:10-15-20-25-30  
1-1/4"DR. SOCKET ADAPTOR 25mmL  
1-1/4"DR. BITS HOLDER 60mmL  
1-1/4"DR. BIT PLASTIC HANDLE 60T RATCHET

# BITS SET

## TWO END POWER BITS SET [TIP : PH2 / PH2]

### DOUBLE BLISTER 10 PCS



Size	Color		
65mm	Brown Color	12	120
110mm	Brown Color	12	96

### PLASTIC CASE 10 PCS



Size	Color		
65mm	Chrome Plating	12	120
110mm	Chrome Plating	12	96

### PLASTIC BAG 2 PCS



Size	Color		
150mm	Chrome Plating / Brown Color	24	192
200mm	Chrome Plating / Brown Color	24	192
250mm	Chrome Plating / Brown Color	24	192
300mm	Chrome Plating / Brown Color	24	192

### BELT TYPE 10 PCS



Size	Color		
65mm	Brown Color	12	120
110mm	Brown Color	12	96
65mm	Chrome Plating	12	120
110mm	Chrome Plating	12	96

## NUT SETTER

### MAGNETIC NUT



6	65	5PCS	12	120
1/4"	65	5PCS	12	120
7	65	5PCS	12	120
8	65	5PCS	12	120
8	65	5PCS	12	120
9	65	3PCS	12	120
10	65	3PCS	12	120
11	65	3PCS	12	120
12	65	3PCS	12	120
13	65	3PCS	12	120
14	65	2PCS	12	120

### NON-MAGNETIC NUT



6	65	5PCS	12	120
1/4"	65	5PCS	12	120
7	65	5PCS	12	120
8	65	5PCS	12	120
8	65	5PCS	12	120
9	65	3PCS	12	120
10	65	3PCS	12	120
11	65	3PCS	12	120
12	65	3PCS	12	120
13	65	3PCS	12	120
14	65	2PCS	12	120

# PLIERS



# PLIERS

## VDE PLIER



VDE 1000V  
IEC 60900

### DIAGONAL CUTTING PLIERS



Size			
6"	160	5	60
7"	180	5	60

### DIAGONAL CUTTING PLIERS

(HEAVY DUTY)



Size			
7"	180	5	60

### COMBINATION PLIERS



Size			
6"	160	5	60
7"	180	5	60
8"	200	5	60

### WIRESTRIPPING PLIERS



Size			
6"	160	5	60

### LONG NOSE PLIERS



Size			
6"	160	5	60
8"	200	5	60

### FLAT NOSE PLIERS



Size			
6"	160	5	60

### BENT NOSE PLIERS



Size			
6"	160	5	60
8"	200	5	60

### WATER PUMP PLIERS



Size			
10"	250	5	60



## PLIERS SET

### SCREWDRIVER & PLIERS SET

7PCS



#### Composition

2PCS PLIERS :  
6" Diagonal Cutting  
7" Combination  
4PCS MODEL A380 SCREWDRIVER  
⊖ SL 4.0 x 100, 5.5 x 125mm  
⊕ PH1 x 100, 2 x 100mm  
1PC Tester : 3.0 x 140mm  
Plastic Case

### VDE SCREWDRIVER & PLIERS SET

7PCS



#### Composition

2PCS PLIERS :  
6" Diagonal Cutting  
7" Combination  
4PCS MODEL A380 SCREWDRIVER  
⊖ SL 4.0 x 100, 5.5 x 125mm  
⊕ PH1 x 100, 2 x 100mm  
1PC Tester : 3.0 x 140mm  
Plastic Case

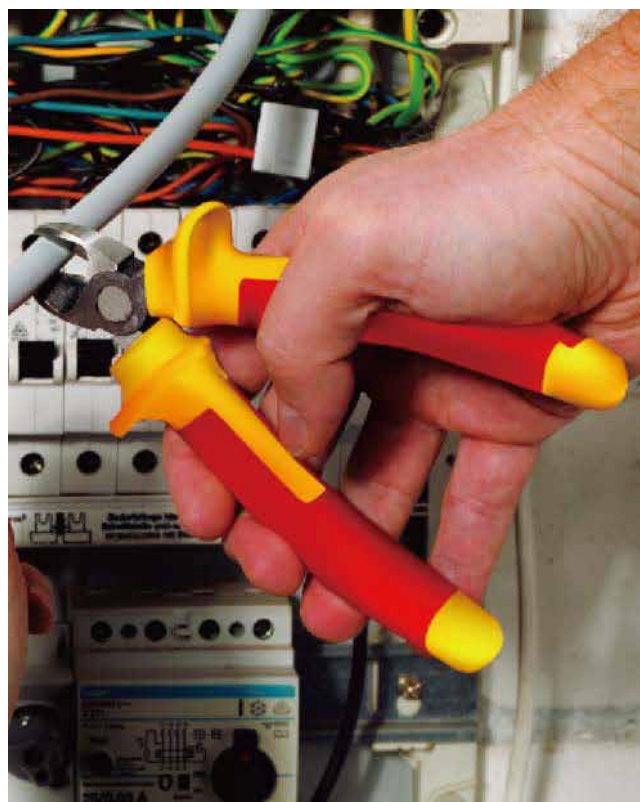
### VDE PLIERS SET

3PCS



#### Composition

6" Diagonal Cutting  
7" Combination  
8" Long Nose  
Blister Carded



**NOTE**



**NOTE**



**NOTE**





SPECIAL SLIM TYPE DESIGN

## VDE INSULATED SCREWDRIVER

### Features :

- Latest slim-type coating design, can use in confined area.
- Approved by 10000V High Voltage Resistance Test.

### Caution :

- Keep insulated tools clean and dry.
- Please wear goggles at work for safety reason.
- Do not touch the non-insulated part without turning power off.



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