

# VESSEL HAND TOOLS / SCREWDRIVERS

## VESSEL® SHANK TYPES



**Bolt shank**, diameter of 8 mm or less  
With hexagonal bolster for spanner

**Standard shank**  
Popular shank diameter and length based on various standards

**Thin shank**, diameter of 4 mm  
Long slender shank to avoid interference even in a narrow area

**Long shank**  
Suitable for screw tightening in deep area

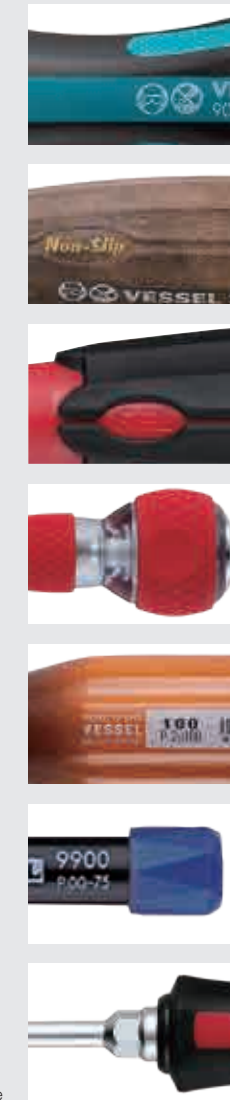
**Stubby shank**  
Short shank suitable for work in a confined area

# JIS DRIVE+



**General type**  
Type in which a shank is held in the handle.

**Tang-Thru type**  
A shank is installed through the handle so that the screwdriver can be used for position adjustment or screw-hole correction by tapping the head with a hammer.



**Ergonomic design**  
The use of design taking into account the shape of the palm ensures comfortable screw tightening.

**Non-slip**  
VESSEL®-developed non-slip surface for the WOOD COMPO range enables torque transmission and screwing even with oily hands.

**Cushion handle**  
Elastic elastomer grip, offering large tightening force.

**Ball Grip**  
Transmits ample tightening force to screw with a comfortable grip fitting to the palm.

**Wood handle**  
Made of natural wood in the tradition of more than a hundred years.

**Precision**  
Designed to transmit a minute force efficiently. Intended for precision work.

**Hexagon bolster**  
This part allows a spanner, etc. to be applied to retighten a screw or undo a hard-tightened screw.

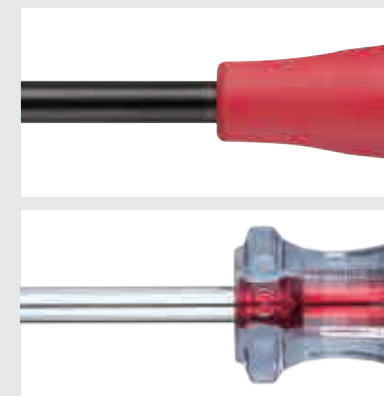


Magnetic

**Magnetized tip end**  
Allows to capture screws for better work efficiency.

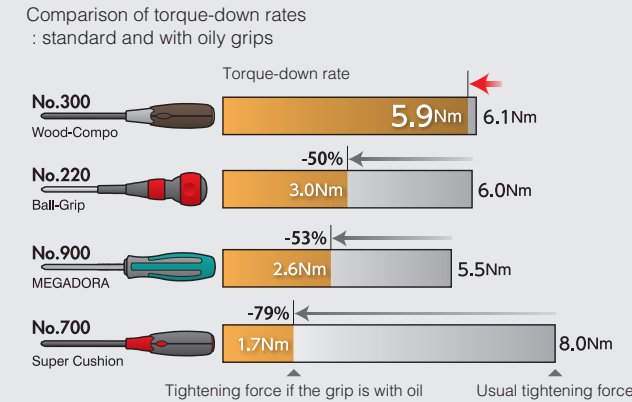


**Precision and durability**  
Thanks to high quality materials: Cr (chromium), V (vanadium), Mo (molybdenum)

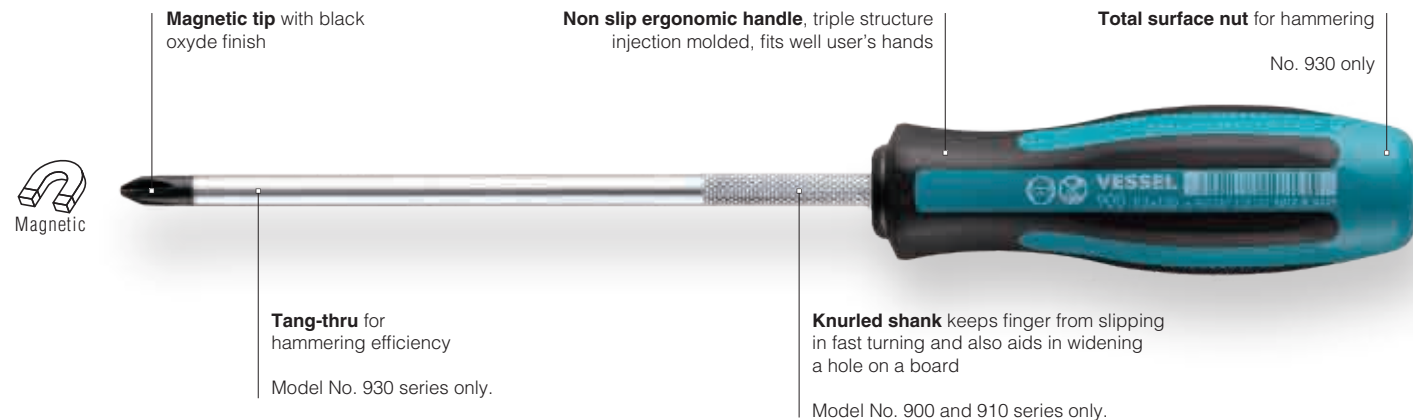


**Taper shape**  
Enabling a screwdriver to be easily taken out of a holder.

**Rolling prevention**  
Avoiding rolling-over, for more security at work



## BENEFITS of "MEGADORA"



**Magnetic tip** with black oxyde finish

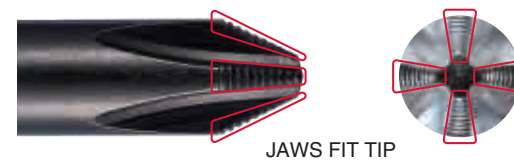
**Non slip ergonomic handle**, triple structure injection molded, fits well user's hands

**Total surface nut** for hammering  
No. 930 only

**Tang-thru** for hammering efficiency  
Model No. 930 series only.

**Knurled shank** keeps finger from slipping in fast turning and also aids in widening a hole on a board  
Model No. 900 and 910 series only.

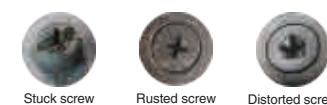
## JAWSFIT®



**JAWSFIT®** technology for better compatibility with the screws. Small projections on the blades, enabling the screwdriver to bite finny into a cross-section of the screw and avoiding cam-out.



**IMPACTA**  
For removing stuck, rusted and distorted screws. Our Tang-thru nut incorporates a cam rotation mechanism which turns the driving tip counter-clockwise by 12° when the handle is hit with a hammer. The IMPACTA system leverages impact acceleration to remove stuck screws.



# What's new, BALL GRIP™ USB Series

## Electric X Manual

Electric-powered quick tightening!!  
Manual final tightening!!

Product Video



Make your work more efficiently.  
Easy to use.



USB charging

**Charging port**

Easy charging with USB port

Micro USB type B



High-brightness  
**LED**

**LED light**

High-brightness LED light that can be used even in dark places.

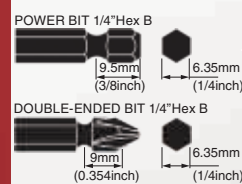


Off-delay function that glows for 5 seconds after use.

VESSEL can offer wide ranges of bits and bit sets for 220USB.



See page 23 for more details.



Replacement of the screwdriver bit.

### BALL GRIP™ Rechargeable Screwdriver with 25 PC. Bit Set

- Electric output 17.7lbf-in(2.0N·m), No-load speed 280rpm, Manual torque up to 88.5lbf-in(10.N·m)
- With 24pc of bits and 1pc of bit holder.
- Electric power for quick tightening and Manual for final tightening.
- With High Brightness LED light.
- Built in USB Recharge Li-ion Battery (3.6V-800mAh).
- 6.35mm HEX shank.



Package

**Contents**

- 220USB-1U(Higher Torque model) x 1pc
- Impact Ball Torsion Bit (30mm) x 24pc
- Impact Ball Bit holder x 1pc
- USB Charging Cable (Micro USB Type B) (1m) x 1pc

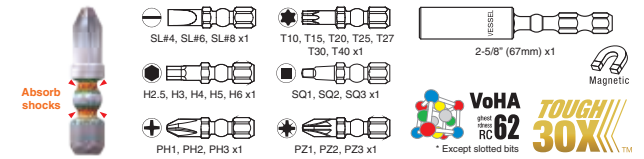
<b>Electric Output</b> 17.7 lbf-in	<b>No-load Speed</b> 280 rpm	<b>Manual Torque</b> Up to 88.5 lbf-in
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Model No.	Bit (mm)	Bit (mm)	Package size (mm)	Code
220USB25U	30*1/67*2	140*3	184x123x67	148527

\*1 Bit only \*2 Bit Holder only \*3 Tool only



**INCLUDES** Impact Ball™ Torsion Bit \* BitSize: 1-3/16"(30mm)



### BALL GRIP™ Rechargeable Screwdriver <Higher Torque Model>

- Electric output 17.7lbf-in (2.0N·m), No-load speed 280rpm, Manual torque up to 88.5lbf-in (10.N·m)
- Electric power for quick tightening and Manual for final tightening.
- With High Brightness LED light.
- Built in USB Recharge Li-ion Battery (3.6V-800mAh).
- 6.35mm HEX shank.



Package



- Contents**
- 220USB-1U x 1pc
  - Impact Ball Torsion Bit (PH2 x 90mm) x 1pc
  - USB Charging Cable (Micro USB Type B) (1m) x 1pc

<b>Electric Output</b> 17.7 lbf-in	<b>No-load Speed</b> 280 rpm	<b>Manual Torque</b> Up to 88.5 lbf-in
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Model No.	Bit (mm)	Bit (mm)	Bit (mm)	Code
220USB1U	PH2	90*1	43	148514

\*1 Bit \*2 Tool Only

### BALL GRIP™ Rechargeable Screwdriver <Higher Speed model>

- Electric output 3.5lbf-in (0.4N·m), No-load speed 1200rpm, Manual torque up to 88.5lbf-in (10.N·m)
- Electric power for quick tightening and Manual for final tightening.
- With High Brightness LED light.
- Built in USB Recharge Li-ion Battery (3.6V-800mAh).
- 6.35mm HEX shank.



Package



- Contents**
- 220USB-S1U x 1pc
  - Impact Ball Torsion Bit (PH2 x 90mm) x 1pc
  - USB Charging Cable (Micro USB Type B) (1m) x 1pc

<b>Electric Output</b> 3.5 lbf-in	<b>No-load Speed</b> 1200 rpm	<b>Manual Torque</b> Up to 88.5 lbf-in
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Model No.	Bit (mm)	Bit (mm)	Bit (mm)	Code
220USB-S1U	PH2	90*1	43	148515

\*1 Bit \*2 Tool Only

MEGADORA SCREWDRIVER

BALL GRIP SCREWDRIVER

SUPER CUSHION SCREWDRIVER

WOOD COMPO SERIES

FOR ELECTRONICS TOOLS/ USEFUL TOOLS

DRIVER SET SERIES

OTHER HAND TOOLS

L-WRENCH

IMPACT BALL

NECK-TORSION

DRYWALLER/ QB

INSERT BITS

POWER BITS

POWER BITS/ MAG CATCHER

DOUBLE-ENDED POWER BITS

NUT SETTERS

Bit Holder

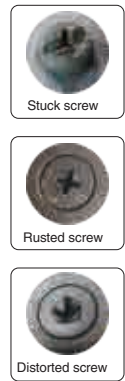
PRECISION BITS



# VESSEL's MEGADORA™ Series

## MEGADORA IMPACTA™

Cam Rotation Mechanism



**Non-Slip surface**  
For removing stuck, rusted, or stripped screws  
**Tang-Thru shank and steel cap with cam rotation mechanism**

### Reduce Cam-Out

Suitable for a variety of screws from machine screws to wood screws, and especially for car repairs as well as electric work, electronics assembly and general applications.



**JAWSFIT**  
Bites into screw

## MEGADORA™ Screwdriver

- Phillips JAWSFIT tip that firmly grips screws
- Useful knurled blade for quick and slipless driving



Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
900S575	5.5x75	5.5(3/16")	0.8	75(3")	30 175 125701
900S6100	6x100	6.0(1/4")	0.9	100(4")	34 210 125702
900S6150	6x150	6.0(1/4")	0.9	150(6")	34 260 125703
900S8150	8x150	8.0(5/16")	1.1	150(6")	36 275 125704
900P175	1x75	JAWSFIT. PH1	75	30 175	125705
900P2100	2x100	JAWSFIT. PH2	100	34 210	125706
900P2150	2x150	JAWSFIT. PH2	150	34 260	125707
900P3150	3x150	JAWSFIT. PH3	150	36 275	125708

Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
903PZ175	1x75	PZ1	75	30 175	267254
903PZ2100	2x100	PZ2	100	34 210	267255
903PZ3150	3x150	PZ3	150	36 275	267256

## MEGADORA IMPACTA™ Impact Driven Screwdriver

- Tang-Thru shank and steel cap with cam rotation mechanism
- High precision black point tip



Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
980P2100	2x100	PH2	100(4")	34 213	125941
980P2150	2x150	PH2	150(6")	34 263	125942
980P3150	3x150	PH3	150(6")	36 278	125943

## MEGADORA™ Tang-Thru Screwdriver

- Phillips JAWSFIT tip that firmly grips screws
- Tang-Thru shank with large steel cap
- With a hexagonal bolster for additional wrenching



Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
930S5575	5.5x75	5.5(3/16")	0.8	75(3")	30 175 8 125711
930S6100	6x100	6.0(1/4")	0.9	100(4")	34 213 10 125712
930S6150	6x150	6.0(1/4")	0.9	150(6")	34 263 10 125713
930S8150	8x150	8.0(5/16")	1.1	150(6")	36 278 12 125714
930P175	1x75	JAWSFIT. PH1	75	30 176 8	125715
930P2100	2x100	JAWSFIT. PH2	100	34 213 10	125716
930P2150	2x150	JAWSFIT. PH2	150	34 263 10	125717
930P3150	3x150	JAWSFIT. PH3	150	36 278 12	125718

## MEGADORA™ Thin Shank Screwdriver

- Precision type with 4 mm or smaller blade diameter
- High precision black point tip, which is unaffected by the plating thickness



Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
910S375	3x75	3.0(1/8")	0.4	75(3")	21 153 125746
910S3100	3x100	3.0(1/8")	0.4	100(4")	21 178 125747
910S475	4x75	4.0(5/32")	0.5	75(3")	21 153 125748
910S4100	4x100	4.0(5/32")	0.5	100(4")	21 178 125749
910S4150	4x150	4.0(5/32")	0.5	150(6")	21 228 125750
910S4200	4x200	4.0(5/32")	0.5	200(8")	21 278 125751
910P075	0x75	PH0	75	21 153	125742
910P0100	0x100	PH0	100	21 178	125743
910P175	1x75	PH1	75	21 153	125744
910P1100	1x100	PH1	100	21 178	125745

## MEGADORA™ Stubby Screwdriver

- Phillips JAWSFIT tip that firmly grips screws
- 1"(25mm)-long blade, ideal for works in a narrow place



Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
920S625	6x25	6.4(1/4")	0.9	25(1")	36 75 125752
920P125	1x25	JAWSFIT. PH1	25	36 75	125753
920P225	2x25	JAWSFIT. PH2	25	36 75	125754

## MEGADORA™ Insulated Screwdriver

- For protection against electric shock



Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
960S575	0.8x5x75	5(3/16")	0.8	75(3")	30 177 125824
960S6100	1.0x6x100	6(1/4")	1	100(4")	34 212 125825
960S8150	1.2x8x150	8(5/16")	1.2	150(6")	36 277 125826
960P175	1x75	PH1	75	30 177	125821
960P2100	2x100	PH2	100	34 212	125822
960P3150	3x150	PH3	150	36 277	125823

Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
960PS2100	PS2x100	PS2	100	34 212	125827
960PS3150	PS3x150	PS3	150	36 277	125828

## MEGADORA™ Screwdriver Extra Long Type

- Phillips JAWSFIT tip that firmly grips screws
- Ideal for works in a deep place
- Useful for adjustment of automotive headlight and hose band removal
- Knurled guide sleeve to minimize run-out due to its long blade and ensure stable operation



Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
900S6400	6x400	6.0(1/4")	0.9	400(16")	34 510 125709
900P2400	2x400	JAWSFIT. PH2	400	34 510	125710

## MEGADORA™ Clip Remover

- Applicable for both large and small clips used in automobiles
- Smooth surface finish chrome plating to avoid making scratches on a painted metal parts
- Easy removing of door trim and wire binding clips by its optimum leverage angle in a narrow space



Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
970CR6110	CR6x110	6	110(4 11/32")	30 215	121592
970CR71210	CR12-7x120	12-7	120(4 3/4")	34 230	122504

## MEGADORA™ Chisel-Type Screwdriver

- Using special high quality steel for cold chisel use; 58HRC and pursuing abrasion resistance and cutting quality
- Reducing gripping fatigue by shock-absorbing Elastomer resin
- Less deformative large steel cap with carburizing and quenching



Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
970C7100	7x100	7.0(9/32")	1.5	100(4")	34 213 125722
970C95120	9.5x120	9.5(3/8")	1.7	120(4 3/4")	36 248 125732

## MEGADORA™ Hose Remover

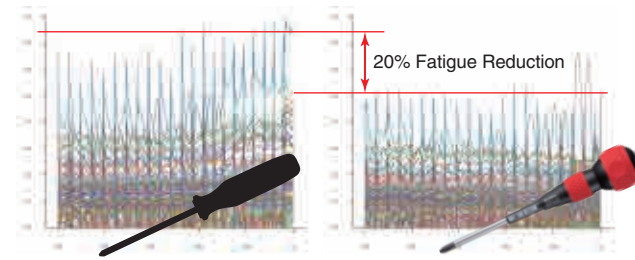


Model No.	Blade	Length (mm)	Tip	Shank Dia (mm)	Code
970HRS130	HRSx130	130(5 1/8")	34	240	121593
970HRR89	HRRx89	89(3 1/2")	34	199	121594
970HRL89	HRLx89	89(3 1/2")	34	199	121595

# BALL GRIP™ Screwdrivers

## Reduce your fatigue by 20%

BALL GRIP Screwdriver can reduce fatigue by 20% compared to straight grip screwdrivers in the analysis of musculoskeletal system.



### BALL GRIP™ Screwdriver

- Our original ergonomic BALL GRIP™ handle enables both quick and power driving, and reduces fatigue comparing to a traditional cylindrical handle.
- Transmits sufficient tightening force to screw
- Cushion grip color-coded by ⊕⊖
- High precision black point tip



Model No.	⊖	⊕	mm	mm	mm	mm	mm	mm	mm	mm	mm
220S5575	5.5x75	5.5(3/16")	0.8	75(3")	32	156	125351				
220S55100	5.5x100	5.5(3/16")	0.8	100(4")	32	181	125361				
220S55150	5.5x150	5.5(3/16")	0.8	150(6")	32	231	125362				
220S6100	6x100	6.0(1/4")	0.9	100(4")	41	200	125352				
220S6150	6x150	6.0(1/4")	0.9	150(6")	41	250	125353				
220S6200	6x200	6.0(1/4")	0.9	200(8")	41	300	125354				
220S6300	6x300	6.0(1/4")	0.9	300(12")	41	400	125363				
220S8150	8x150	8.0(5/16")	1.1	150(6")	41	250	125376				
220P175	⊕ 1x75	PH1	75	32	156	125355					
220P1100	1x100	PH1	100	32	181	125371					
220P1150	1x150	PH1	150	32	231	125372					
220P275	2x75	PH2	75	32	156	125375					
220P2100	2x100	PH2	100	41	200	125356					
220P2150	2x150	PH2	150	41	250	125357					
220P2200	2x200	PH2	200	41	300	125358					
220P2300	2x300	PH2	300	41	400	125359					
220P3150	3x150	PH3	150	41	250	125374					

### BALL GRIP™ Tang-Thru Screwdriver

- Star-shaped steel cap for hammering
- Transmits sufficient tightening force to screw
- Cushion grip color-coded by ⊕⊖
- High precision black point tip



Model No.	⊖	⊕	mm	mm	mm	mm	mm	mm	mm
230S5575	5.5x75	5.5(3/16")	0.8	75(3")	32	156	125311		
230S6100	6x100	6.0(1/4")	0.9	100(4")	41	200	125314		
230S6150	6x150	6.0(1/4")	0.9	150(6")	41	250	125315		
230P175	⊕ 1x75	PH1	75	32	156	125321			
230P2100	2x100	PH2	100	41	200	125324			
230P2150	2x150	PH2	150	41	250	125325			

### BALL RATCHET™ Screwdriver

- 36-teeth gear ratchet to realize comfortable operation with fine turning
- Blade cover to prevent electrical short circuit and reduced or slim blade for convenience at an operation in a terminal block
- Using special alloy steel used for power tool bit, Fully hardened and Interchangeable blade



Model No.	⊖	⊕	mm	mm	mm	mm	mm	mm	mm
2200S6100	6x100	6.0(1/4")	0.8	100(4")	41	200	125395		
2200S6150	6x150	6.0(1/4")	0.8	150(6")	41	250	125396		
2200P2100	⊕ 2x100	PH2	100	41	200	125345			
2200P2150	2x150	PH2	150	41	250	125346			
2200P3150	3x150	PH3	150	41	250	125347			

### BALL RATCHET™ Screwdriver Replacement Blade

- Using special alloy steel used for power tool bit, fully hardened
- Interchangeable when pulling out the ball part of the No.2200



Model No.	⊖	⊕	mm	mm	mm	mm	mm	mm	mm
2200BS6100	6x100	6.0(1/4")	0.8	100(4")	158	125397			
2200BS6150	6x150	6.0(1/4")	0.8	150(6")	208	125398			
2200BP2100	⊕ 2x100	PH2	100(4")	158	125348				
2200BP2150	2x150	PH2	150(6")	208	125349				
2200BP3150	3x150	PH3	150(6")	208	125350				

**POINT**

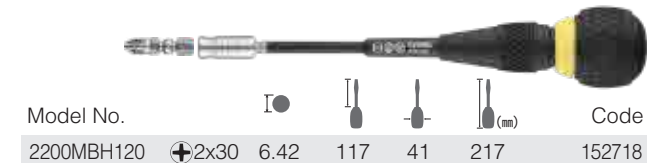
### Smooth Operation [No.2200 Series]

This functionally enhanced BALL GRIP™ Screwdriver enables screw driving by simple repeated wrist or finger movements.

⚠ Electric insulation is not guaranteed. For safety purposes, shut off power before use.

### BALL GRIP™ Interchangeable Ratchet Screwdriver

- 36-teeth gear ratchet to realize comfortable operation with fine turning.
- Bits are replaceable.
- With 1pc of bit



Model No. 2200MBH120

⊕ 2x30 6.42 117 41 217 152718

Bits hold by a Powerful Magnet

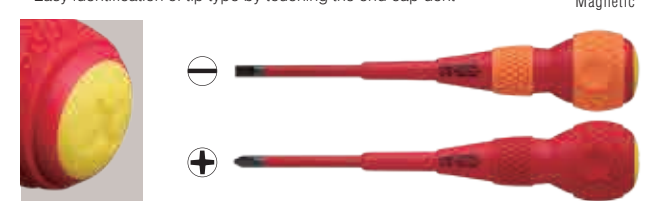
Detachable

36-teeth Gear

Stubby

### BALL GRIP™ Insulated Screwdriver

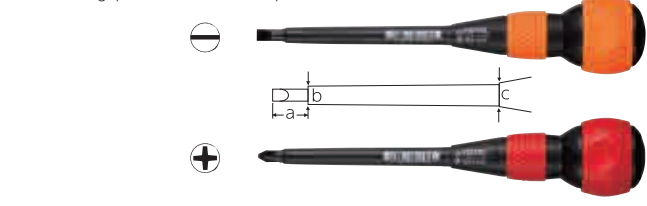
- High precision black point tip (black oxide finish)
- Easy identification of tip type by touching the end cap dent



Model No.	⊖	⊕	mm	mm	mm	mm	mm	mm	mm
200S575	5x0.8x75	5	0.8	75(3")	32	157	125841		
200S6100	6x1.0x100	6	1.0	100(4")	41	200	125842		
200S6150	6x1.0x150	6	1.0	150(6")	41	250	125843		
200P175	⊕ 1x75	PH1	75	32	157	125844			
200P2100	2x100	PH2	100	41	200	125845			
200P2150	2x150	PH2	150	41	250	125846			
200P3150	3x150	PH3	150	41	250	125847			

### BALL GRIP™ Screwdriver w/ Covered Shank

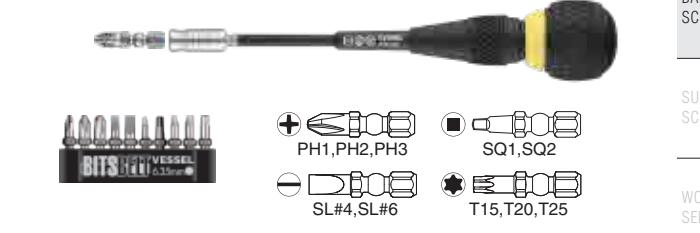
- Resin-covered shank. It prevents electrical short circuit.
- Transmits ample tightening force to screw.
- Cushion grip is marked ⊕⊖ for quick identification.



Model No.	⊖	⊕	mm	mm	mm	mm	mm	mm	mm	mm	mm
225S6100	6x100	6.0(1/4")	0.9	100(4")	200	14	8	10	125382		
225S6150	6x150	6.0(1/4")	0.9	150(6")	250	14	8	10	125383		
225P2100	⊕ 2x100	PH2	100(4")	200	14	8	10	125389			
225P2150	2x150	PH2	150(6")	250	14	8	10	125390			

### BALL GRIP™ Interchangeable Ratchet Screwdriver 10PC. Bit Set

- 36-teeth gear ratchet to realize comfortable operation with fine turning.
- Bits are replaceable.
- With 10pc of bits and bit holding belt.



Model No. / Code 2200MBH120K01 152719

⊕ PH1,PH2,PH3

⊖ SL#4,SL#6

⊕ SQ1,SQ2

⊖ T15,T20,T25

6.42 117 41 217

⊕ PH1x30, PH2x30, PH3x30

⊖ SL4x30, SL6x30

⊕ T15x30, T20x30, T25x30

⊖ SQ1x30, SQ2x30

### BALL GRIP™ Tang-Thru Screwdriver w/Ceramic Ball

- Incorporating a ceramic ball that prevents electricity from being conducted
- Using zirconia ceramic that is highest strength, stiffness, and abrasion resistance among ceramics
- The large steel cap for easy hammering
- High precision black point tip



Model No.	⊖	⊕	mm	mm	mm	mm	mm	mm	mm
250S6100	6x100	6.0(1/4")	0.9	100(4")	41	200	112105		
250S6150	6x150	6.0(1/4")	0.9	150(6")	41	250	112106		
250S8150	8x150	8.0(5/16")	1.1(3/64")	150(6")	41	250	112109		
250P2100	⊕ 2x100	PH2	100	41	200	112107			
250P2150	2x150	PH2	150	41	250	112108			
250P3150	3x150	PH3	150	41	400	112110			

**POINT**

### Ceramic ball blocks electricity [No.250]

It can be used for various works of electrical and mechanical equipment as a screwdriver that can be "hit with a hammer and used for electricity-related work."



### BALL GRIP™ Tethered Screwdriver

- 5"(125mm)-long blade that can reach deep in distribution boards
- Easy picking from a working waist bag Turning sleeve for smooth operation
- Connection wire to attach Slim Lanyard Cord (No.SC-90)
- High precision black point tip



Model No.	Bit	Length (mm)	Code
210S6125	6x125	6.0(1/4")	225 125577
210P2125	2x125	PH2	225 125576

### Anti-drop Slim Cord

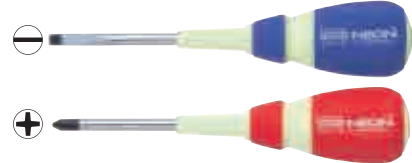
- Cord to tether screwdrivers from dropping
- Tangle-free sleeve to prevent from being caught and stuck



Model No.	Mounted load	Length	Code
SC90	500g or less	482 (maximum length 1500) mm	125405

### "NEON" Screwdriver

- Glow-in-the-dark type.
- High precision black point tip.



Model No.	Bit	Length (mm)	Code
265S6100	6x100	6.0(1/4")	185 125561
265S6150	6x150	6.0(1/4")	235 125562
265P2100	2x100	PH2	185 125563
265P2150	2x150	PH2	235 125564

### BALL GRIP™ Interchangeable Screwdriver

- Slotted tip used for quick connection terminal such as outlet and frequently-used +2 are combined into one bit.



Model No. / Code	Set Contents
220W62	BALL GRIP™ Interchangeable Drive Handle
233071	⊖6/⊕2 x110 Carded

### BALL GRIP™ Interchangeable Screwdriver Set

- Convenient set with +1, +3, slotted tip used for quick connection terminal such as outlet, frequently-used +2, and Pz2 and Pz3 widely used for European furniture, appliances, sports equipments, and more



Model No. / Code	Set Contents
220W3	BALL GRIP™ Interchangeable Drive Handle
233072	⊕1/⊕3 x110, ⊖6/⊕2 x110 Carded
	PZ2/PZ3 x110

### Combi Plus Screwdriver

- Three sizes are combined into one bit. Can be used for most of Phillips screws commonly used.



Model No. / Code	Set Contents
220W123	BALL GRIP™ Interchangeable Drive Handle
233073	⊕1•⊕3/⊕2 x110 Carded

# GEL GRIP Screwdrivers

## GEL FUNCTION

GEL GRIP is ideal for a heavy load on the palm, such as working for long wood screws.



### SUPER CUSHION™ Screwdriver

- "Super Cushion" grip fits your hand perfectly
- Anti-corrosion black chrome plated blade



Model No.	Bit	Length (mm)	Code
700S5575	5.5x75	5.5(3/16")	29 182 125211
700S6100	6x100	6.0(1/4")	32 215 125212
700S6150	6x150	6.0(1/4")	32 265 125213
700S8150	8x150	8.0(5/16")	34 275 125214
700P175	⊕1x75	PH1	29 182 125215
700P2100	2x100	PH2	32 215 125216
700P2150	2x150	PH2	32 265 125217
700P3150	3x150	PH3	34 275 125218

### Cushion Grip Stubby Screwdriver

- Anti-corrosion black chrome plated blade
- Ideal for working in a narrow place



Model No.	Bit	Length (mm)	Code
720S615	6x15	6.0(1/4")	35 68 125221
720P115	⊕1x15	PH1	35 68 125222
720P215	2x15	PH2	35 68 125223

\*Bulk

### SUPER CUSHION™ Tang-Thru Screwdriver

- "Super Cushion" grip fits your hand perfectly
- Star-shaped steel cap for hammering
- Anti-corrosion black chrome plated blade



Model No.	Bit	Length (mm)	Code
730S5575	5.5x75	5.5(3/16")	29 182 125231
730S6100	6x100	6.0(1/4")	32 215 125232
730S6150	6x150	6.0(1/4")	32 265 125233
730S8150	8x150	8.0(5/16")	34 276 125234
730P175	⊕1x75	PH1	29 182 125235
730P2100	2x100	PH2	32 215 125236
730P2150	2x150	PH2	32 265 125237
730P3150	3x150	PH3	34 276 125238

### Cushion Grip TORX Screwdriver

- Optimal for fastening screws in precision fields.
- Non-electrolytic plating, keeping the precise tip quality.
- Cushion grip fitting comfortably in a hand.
- Also good for tamper-proof TORX screws (except T5 and T6).



Model No.	Bit	Length (mm)	Code
640T540	⊛T5	1.42	40(1 37/64") 20.5 126 123561
640T640	T6	1.69	40(1 37/64") 20.5 126 123562
640T7H40	⊛T7H	1.97	40(1 37/64") 20.5 126 123563
640T8H40	T8H	2.30	40(1 37/64") 20.5 126 123564
640T9H40	T9H	2.48	40(1 37/64") 20.5 126 123565

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### Cushion Grip Interchangeable Stubby Screwdriver

- Stubby type suited for working in cramped places.
- Slotted tip used for quick connection terminal such as outlet and frequently-used ⊕2 are combined into one bit.



Model No. / Code	Set Contents
270BW62	Bit Interchangeable Cushion Stubby Grip
233075	⊖6/ ⊕2x110mm Carded

### Cushion Grip Interchangeable Stubby Screwdriver

- Stubby type suited for working in cramped places.
- Three sizes are combined into one bit. Can be used for most of Phillips screws commonly used.



Model No. / Code	Set Contents
270BW123	Bit Interchangeable Cushion Stubby Grip
233076	⊕1•⊕3/ ⊕2x45mm Carded

# WOOD-COMPO™ Ratchet SETS

## NON-SLIP with Oil or Grease

You lose only 3% of torque even with oily or greasy hands. WOOD COMPO improves your performance such as working for car maintenance and ironwork.



Possible to make a quick driving as a screwdriver handle by making the swivel vertical

Suitable for tightening at narrow and deep application

## WOOD-COMPO™ Swivel Socket Wrench Set

1/4"sq. (6.35mm) 21pcs.



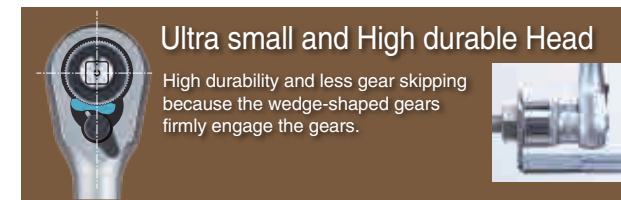
Model No. / Code	Set Contents
HRW2004MSW	Wood-compo swivel ratchet handle 1/4"sq. (6.35mm)
162102	Extension bar Overall length 55mm 1/4"sq. (6.35mm)
	Extension bar Overall length 150mm 1/4"sq. (6.35mm)
	Quick spinner 1/4"sq. (6.35mm)
	Hex key wrench: H2.5, 3, 4, 5, 6, 8mm
	1/4"sockets: H5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm

## WOOD-COMPO™ Swivel Socket Wrench Set

3/8"sq. (9.5mm) 16pcs.



Model No. / Code	Set Contents
HRW3005MSW	Wood-compo swivel ratchet handle 3/8"sq. (9.5mm)
162103	Extension bar Overall length 55mm 3/8"sq. (9.5mm)
	Quick spinner 3/8"sq. (9.5mm)
	Deep socket 3/8"sq. (9.5mm): H8, 10, 12, 14mm
	3/8"sockets: H8, 10, 12, 13, 14, 17, 19, 21, 24mm



## WOOD-COMPO™ Ratchet Handle

- High durability and less gear skipping by firmly engaging wedge-shaped gears
- Reliable operation as the hand firmly holds the grip from the moment you start fastening

1/4"sq. (6.35mm)



Model No.	□	⌘	⌘	⌘	⌘(mm)	Code
HRH2W	6.35(1/4")	20	20	30	145	162004

3/8"sq. (9.5mm)



Model No.	□	⌘	⌘	⌘	⌘(mm)	Code
HRH3W	9.5(3/8")	25	27	30	180	162005

## WOOD-COMPO™ Socket Wrench Set

1/4"sq.(6.35mm) 36pcs.



Model No. / Code	Set Contents
HRW2001MW	Wood-compo ratchet handle 1/4"sq.(6.35mm)
162001	Wood-compo stubby handle 1/4"sq.(6.35mm)
	Universal socket adaptor 1/4"sq.(6.35mm)
	Extension bar Overall length 100mm 1/4"sq.(6.35mm)
	Bit socket adaptor 1/4"sq.↔1/4"hex.
	1/4"sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
	Bits: ⊖ 4, 6, ⊕ 1, 2, 3, H1.5, H2, H2.5, H3, H4, H5, T10, T15, T20, T25, T27, T30, T40

## WOOD-COMPO™ Socket Wrench Set

1/4"sq.(6.35mm)/3/8"sq.(9.5mm) 36pcs.



Model No. / Code	Set Contents
HRW2303MW	Wood-compo ratchet handle 3/8"sq. (9.5mm)
162003	Wood-compo spinner handle 1/4"sq. (6.35mm)
	Universal socket adaptor 3/8"sq. (9.5mm)
	Extension bar Overall length 150mm 1/4"sq. (6.35mm)
	Bit socket adaptor 1/4"sq.↔1/4"hex.
	1/4"sockets: 4, 4.5, 5, 5.5, 6, 7, 8mm
	3/8"sockets: 10, 11, 12, 13, 14, 17, 19, 21, 22mm
	Bits: ⊖ 4, 6, ⊕ 1, 2, 3, H3, H4, H5, H6, T10, T15, T20, T25, T30, T40

## WOOD-COMPO™ Socket Wrench Set

3/8"sq.(9.5mm) 16pcs.



Model No. / Code	Set Contents
HRW3002MW	Wood-compo ratchet handle 3/8"sq.(9.5mm)
162002	Universal socket adaptor 3/8"sq.(9.5mm)
	Sliding T-shaped handle 3/8"sq.(9.5mm)
	Extension bar Overall length 150mm 3/8"sq.(9.5mm)
	Extension bar Overall length 75mm 3/8"sq.(9.5mm)
	3/8" sockets: 7, 8, 10, 11, 12, 13, 14, 17, 19, 21, 22mm



# WOOD-COMPO™ Screwdrivers

## NON-SLIP with Oil or Grease

You lose only 3% of torque even with oily or greasy hands. WOOD COMPO improves your performance such as working for car maintenance and ironwork.



### WOOD-COMPO™ Screwdriver

- Extraordinary non-slip grip; Secure working efficiency even with oily hands
- Wood-composite material, reproducing the natural material texture
- Anti-corrosion black chrome plated blade



Model No.	⊖	⊕	⊖	⊕	(mm)	Code
300S5575	⊖ 5.5x75	5.5(3/16")	0.8	75(3")	30	120021
300S6100	⊖ 6x100	6.0(1/4")	0.9	100(4")	32	120022
300S6150	⊖ 6x150	6.0(1/4")	0.9	150(6")	32	120027
300S8150	⊖ 8x150	8.0(5/16")	1.1	150(6")	35	120023
300P175	⊕ 1x75	PH1	75	30	182	120024
300P2100	⊕ 2x100	PH2	100	32	215	120025
300P2150	⊕ 2x150	PH2	150	32	265	120029
300P3150	⊕ 3x150	PH3	150	35	275	120026

### WOOD-COMPO™ Screwdriver (Stubby Type)

- Stubby type, which is convenient for tightening screws in cramped spaces.
- Wood-composite resin, reproducing the natural material texture.
- Rust-resistant black chrome plating shank.



Model No.	⊖	⊕	⊖	⊕	(mm)	Code
320S615	⊖ 6x15	6.0(1/4")	0.9	15(19/32")	35	120035
320P215	⊕ 2x15	PH2	15(19/32")	35	68	120037

### WOOD-COMPO™ Tang-Thru Screwdriver

- Extraordinary non-slip grip; Secure working efficiency even with oily hands
- Star-shaped steel cap for hammering
- Anti-corrosion black chrome plated blade



Model No.	⊖	⊕	⊖	⊕	(mm)	Code
330S5575	⊖ 5.5x75	5.5(3/16")	0.8	75(3")	30	120041
330S6100	⊖ 6x100	6.0(1/4")	0.9	100(4")	32	120042
330S6150	⊖ 6x150	6.0(1/4")	0.9	150(6")	32	120043
330S8150	⊖ 8x150	8.0(5/16")	1.1	150(6")	35	120044
330P175	⊕ 1x75	PH1	75	30	183	120045
330P2100	⊕ 2x100	PH2	100	32	217	120046
330P2150	⊕ 2x150	PH2	150	32	267	120047
330P3150	⊕ 3x150	PH3	150	35	277	120048

### WOOD-COMPO™ Torx Screwdriver

- Extraordinary non-slip grip; Secures working efficiency even with oily hands
- Wood-composite material, reproducing the natural material texture
- Non-electrolytic nickel plating, keeping the precise tip quality
- Applicable for both standard and tamper-proof Torx screws



Model No.	⊖	⊕	⊖	⊕	(mm)	Code
340T10H80	⊖ T10H	2.72	80(3 1/8")	30	188	120081
340T15H80	⊖ T15H	3.26	80(3 1/8")	30	188	120082
340T20H120	⊖ T20H	3.84	120(4 3/4")	30	228	120083
340T25H120	⊖ T25H	4.40	120(4 3/4")	32	236	120084
340T27H120	⊖ T27H	4.96	120(4 3/4")	32	236	120085
340T30H120	⊖ T30H	5.49	120(4 3/4")	35	246	120086
340T40H120	⊖ T40H	6.60	120(4 3/4")	35	246	120087

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### WOOD-COMPO™ Socket Screwdriver

- Extraordinary non-slip grip; Secures working efficiency even with oily hands
- Wood-composite material, reproducing the natural material texture
- Black oxide coated socket
- Anti-corrosion chrome plated hexagonal shank for additional wrenching



Model No.	⊖	⊕	⊖	⊕	(mm)	Code
380AF5125	⊖ A/F 5x125	5	125(5")	5.0(3/16")	30.0	224 120091
380AF55125	⊖ A/F 5.5x125	5.5	125(5")	5.0(3/16")	30.0	224 120092
380AF7125	⊖ A/F 7x125	7	125(5")	5.0(3/16")	30.0	224 120093
380AF8125	⊖ A/F 8x125	8	125(5")	5.0(3/16")	32.0	233 120094
380AF10125	⊖ A/F 10x125	10	125(5")	7.0(9/32")	32.0	233 120095
380AF12125	⊖ A/F 12x125	12	125(5")	7.0(9/32")	32.0	233 120096
380AF13125	⊖ A/F 13x125	13	125(5")	7.0(9/32")	32.0	233 120097
380AF14125	⊖ A/F 14x125	14	125(5")	7.0(9/32")	32.0	233 120098

### Powerful Tang-Thru Screwdriver

- Wooden handle and Tang-Thru shank with thick end cap.
- Large and long grip comfortable to hold.
- Black point tip.

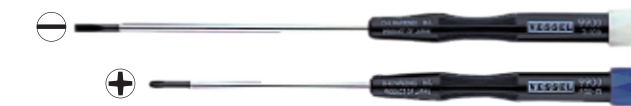


Model No.	⊖	⊕	⊖	⊕	(mm)	Code
100S5575	⊖ 5.5x75	5.5(3/16")	0.8	75(3")	27.0	111051
100S6100	⊖ 6x100	6.0(1/4")	0.9	100(4")	30.5	111052
100S6300	⊖ 6x300	6.0(1/4")	0.9	300(12")	30.5	423 111061
100S8150	⊖ 8x150	8.0(5/16")	1.1	150(6")	34.0	294 111053
100P175	⊕ 1x75	PH1	75	27.0	182	111054
100P2100	⊕ 2x100	PH2	100	30.5	223	111055
100P2300	⊕ 2x300	PH2	300	30.5	423	111066
100P3150	⊕ 3x150	PH3	150	34.0	294	111056

# Electronic Tools

### Micro Screwdriver

- Smooth rotating end cap for quick turning
- High precision black point tip



Model No.	⊖	⊕	⊖	⊕	(mm)	Code
9900ES1850	⊖ 1.8x50	1.8(1/16")	0.25	50	10	145 125621
9900ES2575	⊖ 2.5x75	2.5(3/32")	0.35	75	10	170 125622
9900ES3100	⊖ 3x100	3(1/8")	0.45	100	10	195 125623
9900ES3150	⊖ 3x150	3(1/8")	0.45	150	10	245 125624
9900EP0075	⊕ 00x75	PH00	75	10	170	125625
9900EP0100	⊕ 0x100	PH0	100	10	195	125626
9900EP0150	⊕ 0x150	PH0	150	10	245	125627

### Micro Screwdriver 3PC. Set

- 2 types of set recommended to the purpose of work in precision field
- Sets with frequently used sizes
- For adjustment and repair of precision devices, electric devices, glasses, watches, and more



Model No. / Code	Set Contents
9902E	Micro Screwdriver
125636	⊖ 1.8x50
	⊕ 00x75, 0x100

Package size: 235x70x15mm



Model No. / Code	Set Contents
9903E	Micro Screwdriver
125637	⊖ 1.8x50, 2.5x75
	⊕ 00x75

Package size: 235x70x15mm

### Precision Ceramic Adjuster

- Uses a zirconia ceramics tip, non-inductive magnetic substance.
- Optimum for coil and trimmer adjustments.
- For the adjustment of electronic parts, such as audio instruments, computers, telecommunication devices, electronics components, and electric components.



Model No.	⊖	⊕	⊖	⊕	(mm)	Code
9000ES0930	⊖ 0.9x30	0.9(1/32")	0.4	30(1 3/64")	10	125 125641
9000ES1330	⊖ 1.3x30	1.3(3/64")	0.4	30(1 3/64")	10	125 125642
9000ES1830	⊖ 1.8x30	1.8(1/16")	0.4	30(1 3/64")	10	125 125643
9000ES2630	⊖ 2.6x30	2.6(7/64")	0.4	30(1 3/64")	10	125 125644
9000ES3415	⊖ 3.4x15	3.4(9/64")	0.5	30(1 3/64")	10	125 125645
9000EP030	⊕ 0x30	PH0	30(1 3/64")	10	125	125646
9000EP1730	⊕ 1.7x30	Width 1.7(1/16")	30(1 3/64")	10	125	125647

# Unique Hand Tools

### Ratchet Rivet Gun

- Can caulk blind rivets easily with one hand.
- Easily caulks 4.8 mm steel rivets that were difficult to use with existing manual riveters.



Model No. / Code	Set Contents
RG95	Accessories Nose piece 2.4, 3.2, 4.0, 4.8mm
621310	Nose piece wrench A/F10mm
	Body length 230mm

### Thread Thru Stud Bolt Wrench

- Works with continuous thread studs, cut bolts and hanger bolts.
- Can be used 2 ways: Straight for tightening, or bent for fast turning.
- Can be used from halfway point with long hanger bolts.
- Lightweight, compact and easy to carry.



Model No.	Thread part	⊖	⊕	⊖	⊕	Code
ZW3	3/8	32(1 17/64")	20(25/32")	140(5 33/64")	621320	
ZW4	1/2	32(1 17/64")	20(25/32")	140(5 33/64")	621321	

### POINT



**Ratchet Rivet Gun**  
Allows you to caulk blind rivets easily with one hand



**Thread Thru Stud Wrench**  
Dedicated for installing a full-thread bolt. It can be bent to turn a bolt quickly.

# VESSEL Screwdriver SETS

220USB SERIES

220USB SERIES

MEGADORA SCREWDRIVER

MEGADORA SCREWDRIVER

BALL GRIP SCREWDRIVER

BALL GRIP SCREWDRIVER

SUPER CUSHION SCREWDRIVER

SUPER CUSHION SCREWDRIVER

WOOD COMPO SERIES

WOOD COMPO SERIES

FOR ELECTRONICS TOOLS/ USEFUL TOOLS

FOR ELECTRONICS TOOLS/ USEFUL TOOLS

DRIVER SET SERIES

DRIVER SET SERIES

OTHER HAND TOOLS

OTHER HAND TOOLS

L-WRENCH

L-WRENCH

IMPACT BALL

IMPACT BALL

NECK-TORSION

NECK-TORSION

DRYWALLER/ QB

DRYWALLER/ QB

INSERT BITS

INSERT BITS

POWER BITS

POWER BITS

POWER BITS/ MAG CATCHER

POWER BITS/ MAG CATCHER

DOUBLE-ENDED POWER BITS

DOUBLE-ENDED POWER BITS

NUT SETTERS

NUT SETTERS

Bit Holder

Bit Holder

PRECISION BITS

PRECISION BITS

## MEGADORA™ JAWSFIT® Screwdriver 8PC. Set



Model No. / Code	Set Contents
9008EVA	<b>No.900</b> MEGADORA™ Screwdriver
121587	⊖ 5.5x75, 6x150, 8x150 ⊕ 1x75, 2x150, 3x150
	<b>No.920</b> MEGADORA™ Stubby Screwdriver
	⊖ 6x25, ⊕ 2x25

## MEGADORA™ JAWSFIT® Tang-Through Screwdriver 8PC. Set



Model No. / Code	Set Contents
9308EVA	<b>No.930</b> MEGADORA™ Tang-Through Screwdriver
121588	⊖ 5.5x75, 6x150, 8x150 ⊕ 1x75, 2x150, 3x150
	<b>No.920</b> MEGADORA™ Stubby Screwdriver
	⊖ 6x25 ⊕ 2x25

## MEGADORA IMPACTA™ Assorted Screwdriver 8PC. Set



Model No. / Code	Set Contents
980MIXEVA	<b>No.980</b> MEGADORA IMPACTA™ Screwdriver
121589	⊕ 2x100, 2x150, 3x150
	<b>No.900</b> MEGADORA™ Screwdriver
	⊖ 8x150, ⊕ 1x75
	<b>No.930</b> MEGADORA™ Tang-Through Screwdriver
	⊖ 5.5x75
	<b>No.920</b> MEGADORA™ Stubby Screwdriver
	⊖ 6x25, ⊕ 2x25

## MEGADORA™ Screwdriver 6PC. Set



Model No. / Code	Set Contents
9006PB	<b>No.900</b> MEGADORA™ Screwdriver
122500	⊖ 5.5x75, 6x100, 8x150 ⊕ 1x75, 2x100, 3x150

## MEGADORA™ Insulated Screwdriver 6PC. Set



Model No. / Code	Set Contents
9606EVA	<b>No.960</b> MEGADORA™ Insulated Screwdriver
150906	⊖ 5x75, 6x100, 8x150 ⊕ 1x75, 2x100, 3x150

## MEGADORA™ Chisel/ Clip Remover/ Hose Remover Mix 6PC. Set



Chisel-Type Screwdriver

Model No. / Code	Set Contents
9706EVA	<b>No.970</b> MEGADORA™ Chisel-Type Screwdriver
121598	9.5x120
	<b>No.970</b> MEGADORA™ Clip Remover
	CR6x110, CR7•12x120
	<b>No.970</b> MEGADORA™ Hose Remover
	HRSx130, HRRx89, HRLx89

## MEGADORA IMPACTA™ Screwdriver 2PC. Set



Model No. / Code	Set Contents
9802SC	<b>No.980</b> MEGADORA IMPACTA™ Screwdriver
122503	⊕ 2x100, 3x150

## MEGADORA™ Clip Remover 2PC. Set



Model No. / Code	Set Contents
970CR2SC	<b>No.970</b> MEGADORA™ Clip Remover
121596	CR6x110, CR7•12x120

## MEGADORA™ Hose Remover 3PC. Set



Model No. / Code	Set Contents
970HR3PB	<b>No.970</b> MEGADORA™ Hose Remover
121597	HRSx130, HRRx89, HRLx89

## WOOD-COMPO™ Non-Slip Tang-Through Screwdriver 8PC. Set



Model No. / Code	Set Contents
3308EVA	<b>No.330</b> WOOD-COMPO™ Tang-Through Screwdriver
150902	⊖ 5.5x75, 6x150, 8x150 ⊕ 1x75, 2x150, 3x150
	<b>No.320</b> WOOD-COMPO™ Stubby Screwdriver
	⊖ 6x15, ⊕ 2x15

## WOOD-COMPO™ Non-Slip Tamper-proof Torx Screwdriver 7PC. Set



Model No. / Code	Set Contents
3407EVA	<b>No.340</b> WOOD-COMPO™ Tamper-proof Torx Screwdriver
150903	⊗ T10x120H, T15Hx120, T20Hx120, T25Hx120 T27Hx120, T30Hx120, T40Hx120

## WOOD-COMPO™ Non-Slip Hex Nut Driver 8PC. Set



Model No. / Code	Set Contents
3808EVA	<b>No.380</b> WOOD-COMPO™ Hex Nut Driver
150904	⊖ A/F 5x125, A/F 5.5x125, A/F 7x125, A/F 8x125 A/F 10x125, A/F 12x125, A/F 13x125, A/F 14x125

## WOOD-COMPO™ Non-Slip Screwdriver 6PC. Set



Model No. / Code	Set Contents
3006CS	Wood-Compo™ Screwdriver
150901	⊖ 5.5x75, 6x100, 8x150 ⊕ 1x75, 2x100, 3x150

## BALL RATCHET™ Screwdriver 5PC. Set



Model No. / Code	Set Contents
22005EVA	<b>No.2200</b> Ball Ratchet™ Screwdriver
121590	⊖ 6x100, 6x150 ⊕ 2x100, 2x150, 3x150

⚠ Electric insulation is not guaranteed. For safety purposes, shut off power before use.

## BALL RATCHET™ Screwdriver 2PC. with 3PC. Replacement Blade Set



Model No. / Code	Set Contents
22002N3EVA	<b>No.2200</b> Ball Ratchet™ Screwdriver
121591	⊖ 6x100 ⊕ 2x100
	<b>No.2200B</b> Replacement Blade
	⊖ 6x150, ⊕ 2x150, 3x150

## BALL GRIP™ Screwdriver 4PC. Set



Model No. / Code	Set Contents
2204CS	Ball Grip™ Screwdriver
152720	⊖ 5.5x75, 6x100 ⊕ 1x75, 2x100

## BALL GRIP™ Insulated Screwdriver 5PC. Set



Model No. / Code	Set Contents
2005PBU	Ball Grip™ Insulated Screwdriver
150905	⊖ 5x75, 6x100 ⊕ 1x75, 2x100, 3x150