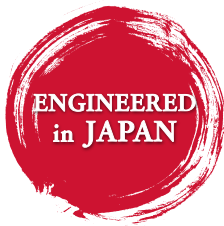


VESSEL®

Screwdrivers & Bits Since 1916



JIS DRIVE+

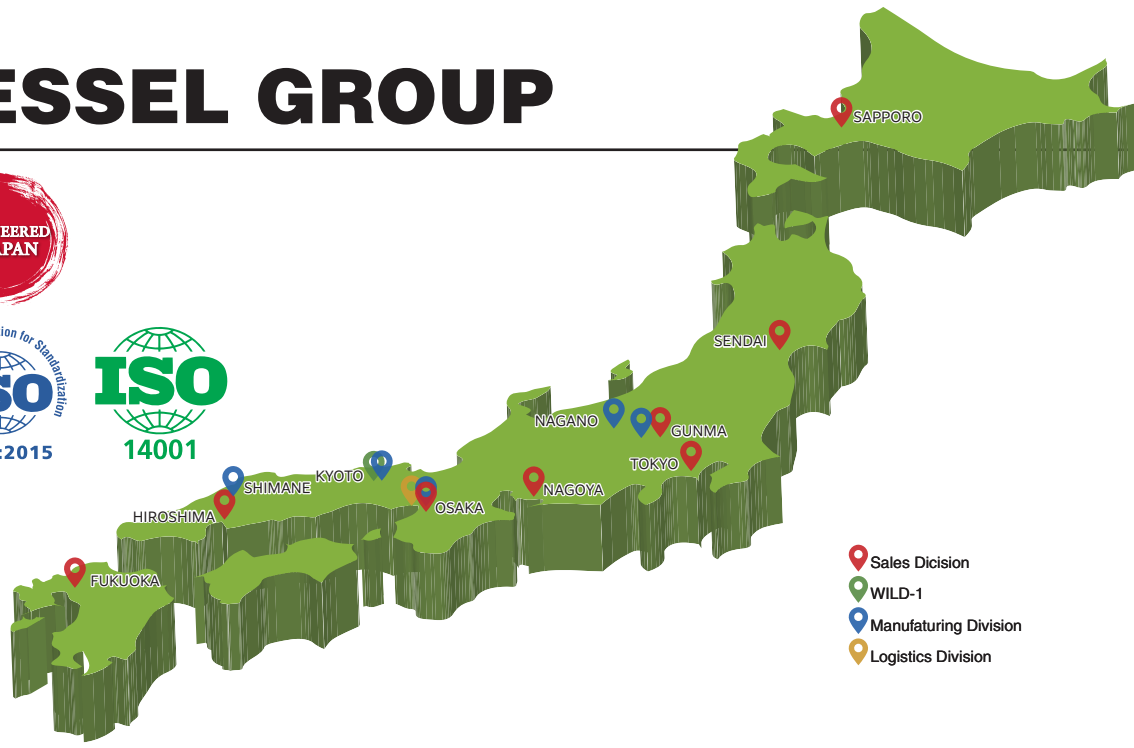
FOR ALL SCREWS

VESSEL Co., Inc.
Osaka Japan
www.vessel.co.jp/english

VESSEL TOOLS U.S.A., INC.
vesseltoolsusa.com



VESSEL GROUP



- Sales Division
- WILD-1
- Manufacturing Division
- Logistics Division



● VESSEL Co., Inc.
 * H/Q of Management / sales
 * Osaka branch
 * Hanna Real Estate



(Annex) System



● VESSEL INDUSTRIAL CO., LTD.
 * Hand Screwdrivers
 * Wire Strippers, etc.



● VESSEL ENGINEERING CO., LTD.
 * Air Screwdrivers
 * Air Micro Die Grinders
 * Air Nippers



● VESSEL DISTRIBUTION CENTER
 * Inventory / Distribution



● Retail Div.
 * WILD-1 Fukuchiyama Store



● VESSEL FUKUCHIYAMA CO., LTD. SP NAGANO PLANT
 * SP Air Tools



● VESSEL FUKUCHIYAMA CO., LTD. OSADANO PLANT
 * Air Impact Wrenches
 * Air Nippers
 * Hand Tools



● VESSEL SHIMANE CO., LTD.
 * Screwdriver Bits / Socket Bits



● FUKUCHIYAMA INDUSTRIAL CO., LTD.
 * Saw Blade



● DIA RUBBER CO., LTD.
 * Industrial Special Gloves



● VESSEL (THAILAND) CO., LTD.
 * Hand Screwdrivers



● VESSEL EUROPE S.A.R.L.



● VESSEL TOOLS U.S.A. INC.



● VESSEL CHINA (WEIWEI TOOLS) CO., LTD.

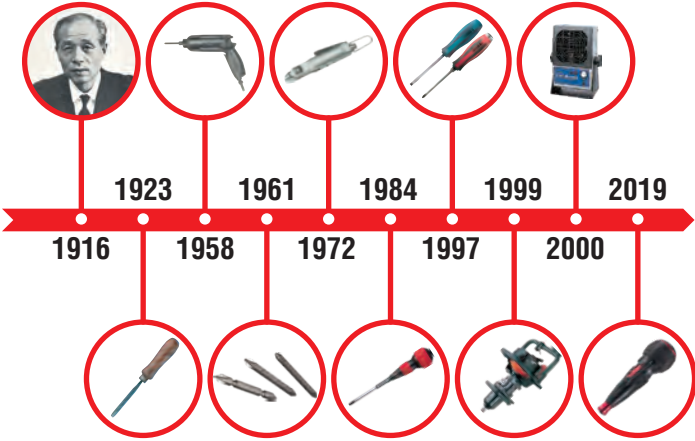
OUR VALUES



HISTORY

We are a Japanese tool manufacturer with over 100 years of history.

Since its foundation in 1916 by Ginosuke Taguchi in Japan as a screwdriver manufacturer, VESSEL has been developing and manufacturing bits, air and electric tools, anti-static products, and more. In 1933, VESSEL was named after the word's definition for "large merchant ship" as our vision is to deliver VESSEL products all over the world. Responding to the needs of our customers in the world with technology and ideas that have been cultivated for more than a century, we have created and will create innovative high-quality products.



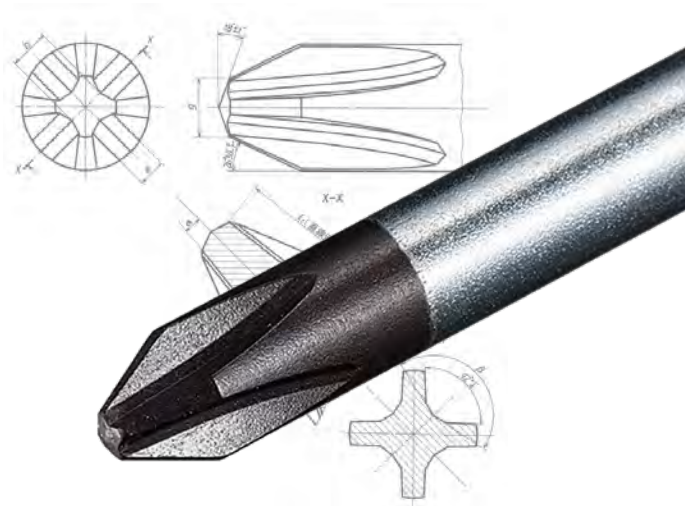
VESSEL is a Leading Company in Japan.





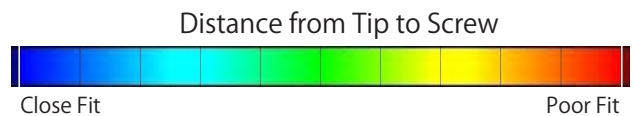
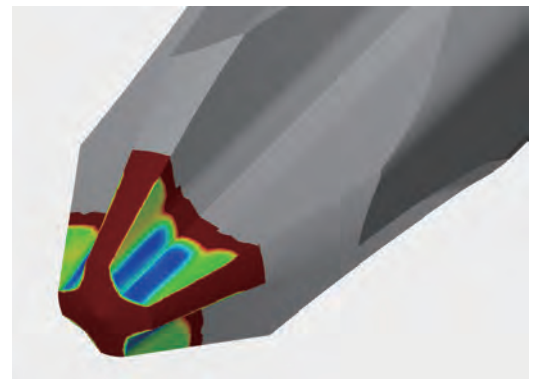
What is JIS DRIVE?

JIS means Japanese Industrial Standards. This standard is applied for Japanese Standards screws, and is mainly used in Japanese-made cars, motorcycles, home appliances, etc. The tips of VESSEL screwdrivers and bits are manufactured in accordance with JIS. In addition, VESSEL has developed its own in-house standards to achieve even higher precision and quality tips.



Why FOR ALL SCREWS?

As shown in the picture, VESSEL JISDRIVE was developed with the concept that the 4 sides of the tip (shown as blue) should fit the screw evenly, allowing you to turn screws with confidence. As a result, VESSEL tips can fit any standard screws and transmit force without loss of power.



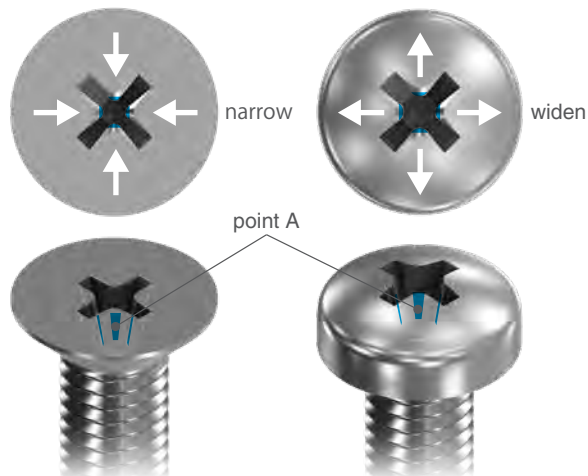
In 1950, Osawa Shokai Co., Ltd. was the first company in Japan to obtain a license for Phillips screws, and VESSEL was commissioned to produce their Phillips screwdrivers. VESSEL was involved in the establishment of the JIS as a representative of tool manufacturers, and this tip was called JIS B-1012. These JIS screwdrivers are now used for audio players, automobiles, motorcycles, and other industrial products in Japan and around the world. VESSEL's original "cross-point tips" that have been refined over many years of industrial experience are called JISDRIVE.

This is the Key Point!

Point A (blue area in the picture) is the common dimension in all standards, in JIS, ASME, ANSI and DIN.

In addition to that, in screw manufacturing, Point A is known as the most stable and accurate point of contact with the fewest deformation points.

VESSEL JISDRIVE is designed to fit all screws around the world by closely matching with the point A region of screws.



Cross recess is easily deformed when forming screws.

Countersunk screw: cross entrance may become narrow

Pan head screw: cross entrance may widen

Competitive Advantages!

Company A:

The tip contacts at the bottom of screw hole, and the driver becomes wobbly.

Company B:

The tip contacts near the entrance of the screw hole. It appears to fit well, but it actually doesn't. This can damage the screw hole.

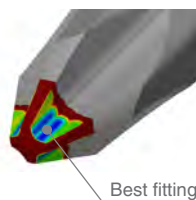
>Both may not fit depending on the standard or screws, and can cause breakage or cam-out.

VESSEL JISDRIVE:

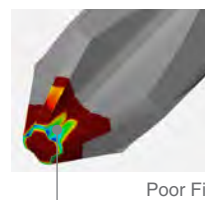
The tip fits extremely well, and there is a space between the tip and screw.

>Thereby, the blue part (all 4 sides of the tip) fits the screw evenly, allowing you to turn screws with confidence.

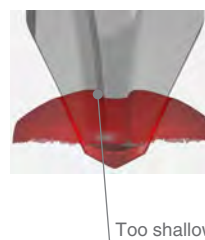
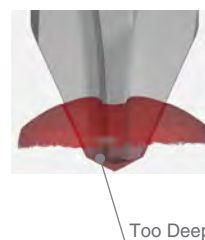
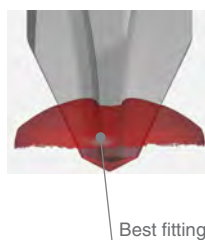
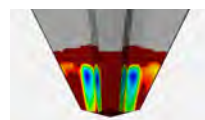
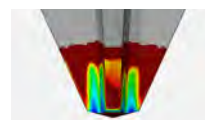
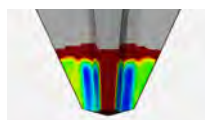
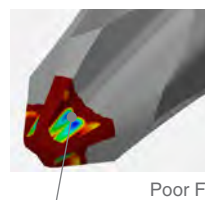
JIS DRIVE



Company A



Company B



e-ASSIST®

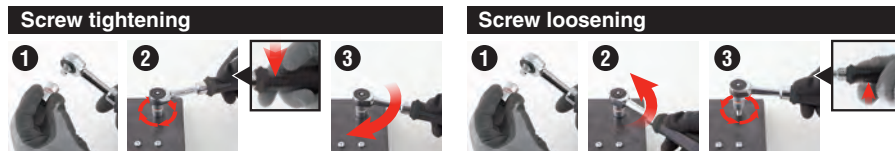
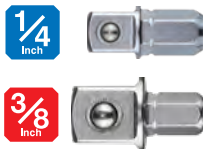
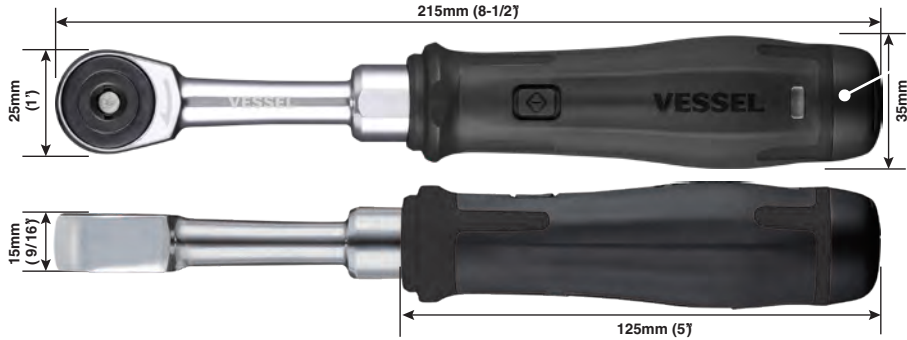
ELECTRIC & MANUAL

Electric Output
8.85 lbf-in

Manual Torque
531 lbf-in (44 ft-lbs)

60 tooth-gear

No-load Speed
400 rpm



e-ASSIST® MINI Ratchet Wrench Set

- Electric Power for SPEED, Manual for Greater POWER
- 60 Tooth-Gear
- No-Load Speed 400RPM
- Electric Output 8.85 lbf-in, Manual Torque 531 lbf-in (44 ft-lbs)
- USB Type-C
- included 1/4" & 3/8" Socket Adapter
- included 10pcs Socket (5mm -14mm), 18pcs Bits
- 2 extension bars, 1 Universal Joint
- Made in Japan



Model No.	Set Contents	Code
400ER21MU	e-ASSIST® Ratchet Wrench Bit: ⊕1,2,3, ⊖SL4,SL6 ●T10H,15H,20H, 25H,27H,30H,40H ●H2,2.5,3,4,5,6 Socket : ○H5,6,7,8,9,10,11,12,13,14 1/4" & 3/8" Socket Adapter Universal Joint, Extension bars(3", 5") USB Charging Cable (Type-C)	147214

e-ASSIST® MINI Ratchet Wrench

- Electric Power for SPEED, Manual for Greater POWER
- 60 Tooth-Gear
- No-Load Speed 400RPM
- Electric Output 8.85 lbf-in, Manual Torque 531 lbf-in (44 ft-lbs)
- USB Type-C
- included 1/4" & 3/8" Socket Adapter
- 1 Universal Joint
- Made in Japan



Model No.	Set Contents	Code
400ER2U	e-ASSIST® Ratchet Wrench 1/4" & 3/8" Socket Adapter Universal Joint USB Charging Cable (Type-C)	147215

Adapter 3/8" for e-ASSIST® MINI Ratchet Wrench

- Attach to e-ASSIST® MINI Ratchet to use SQ3/8" sockets.



Model No.	mm	inch	Pack QTY
400ERSA38	22	7/8"	3

Adapter 1/4" for e-ASSIST® MINI Ratchet Wrench

- Attach to e-ASSIST® MINI Ratchet to use SQ1/4" sockets.



Model No.	mm	inch	Pack QTY
400ERSA14	18	3/4"	3

⊕ JISDRIVE Sets



DO YOU KNOW JISDRIVE?

Have you ever worked on Japanese vehicles and had problems with the screwdriver not fitting well or stripping the screw head? Use the correct tool – try our JISDRIVE instead.

NEW JISDRIVE Sets OUT NOW!!

⊕ Cross Point Tip Set

See page 31 for more JISDRIVE Screwdriver Set

WOOD-COMPO™ JISDRIVE Screwdriver 4PC. Set CRIMSON EDITION

- INCLUDES 4PCS JISDRIVE Screwdrivers, ⊕1, ⊕2, ⊕ 2, ⊕3
- 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



Magnetic



Model No.	Set Contents
3304JSPBCR	No.300 WOOD-COMPO™ Screwdriver ⊕1×75, 2×100 No.330 WOOD-COMPO™ Tang-Thru Screwdriver ⊕2×150, 3×150

JISDRIVE IMPACT BALL™ Torsion Bit 33PC. Set

- 33PC. IMPACT BALL Torsion Bits in hard case
- Includes 2-5/8" and 6" length of impact ball bit holders, ⊕1, ⊕2, ⊕3 JISDRIVE tip sizes with various lengths at 30mm, 50mm, 90mm, and 150mm, and a Mag Enhancer
- VESSEL's original Cross-Point tip profile for best fitting especially with Japanese (JIS) screws
- IMPACT BALL Torsion Technology for High Power Impact Drivers
- High wear-resistance and durable bit made by VoHA material
- Highest Hardness 62HRC by in-house optimum heat treatment
- Magnetized Tip
- Made in Japan



Magnetic



FOR IMPACT DRIVER

Model No.	Set Contents	mm	inch
IB33JSP01U	⊕1(2), 2(3), 3(3)	30	1-3/16"
	⊕1(2), 2(3), 3(3)	50	2"
	⊕1(2), 2(3), 3(3)	90	3-1/2"
	⊕1(2), 2(2), 3(2)	150	6"
	IMPACT BALL™ Torsion Bit Holder	67	2-5/8"
	IMPACT BALL™ Torsion Bit Holder	150	6"
	MAG ENHANCER		

SP LINE

**Shock absorption! Low noise!
Improved operability!**



Filter for Silencer

1,000 Max Torque
ft-lbs

1/2"
Drive Size

3/4"
Bolt Capacity

5.5 lb
(2.5kg)

GEL
Grip

Gel-containing Grip

MADE IN JAPAN

VESEL New Air Tool Series

SP LINE

- VESSEL continually develops products, pursuing low noise, low vibration, and high durability.
- Specifications suitable for industrial use as well as automotive maintenance will be taken into consideration for the developed products.



VSP-1148

1/2" Air Impact Wrench

- Max Torque: 1,000 ft-lbs
- Twin Dog Hammer Mechanism enables efficient hammering
- Gel-type elastomer-filled grip absorbs vibrations
- A filter built into the exhaust port reduces exhaust noises.
- Newly designed adjustment lever.
- 3-step torque setting.
- Protector prevents the aluminum body from being scratched when placed.
- Made in Japan



[Mechanism]

■ Noise / Vibration

Noise	L _{PA}	[dBA]	93	
	L _{WA}	[dBA]	104	
Vibration			[m/s ²]	11.6

*Air pressure 90PSI, Adjustment lever at a maximum torque position.

SP LINE

Model No.	Sq. Drive.	Bolt Capacity	Max. Torque	Free Speed	Overall Length	Net Weight
VSP-1148	1/2"	3/4"	1,000 ft-lbs	6,600 rpm	7.8"	5.5 lbs.

- Operating air pressure: 90PSI ● Overall length/Weight...Accessory is not included.
- Capacity and torque values are for instant reference, subject to change depending on the actual operating conditions and others.

WHAT'S NEW!!

-INTRODUCED 2025-

e-ASSIST® Screwdrivers

220USBP5U



e-ASSIST
ELECTRIC & MANUAL

>> P8

IMPACT & OUT™ Series

238HWB7PU



IMPACT & OUT™

>>P12

MEGADORA™ Interchangeable

Ratchet Screwdriver

900RT5PU



MEGADORA

>>P15

Interchangeable Precision Screwdriver 36PC. Bit Set

9836U



>> P26

Micro Screwdrivers 5PC.Set

99005 4 models



>> P26

2WAY Series Speed L-Handle / Power Driver

SLH21U / 400PD21U



>>P27

JISDRIVE Screwdriver Sets

9806 / 2304 / 7304 JSPB



JISDRIVE
FOR ALL SCREWS

>>P31

IMPACT BALL™ Torsion Bit Sets

IB52P01U

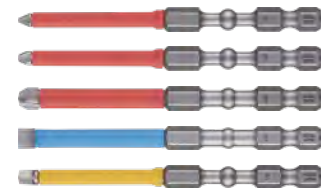


IMPACT BALL™

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IMPACT BALL™ Bit with Coated Tube Sets

IBC5P01



IMPACT BALL™

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FOLLOW US



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@vesseltoolsusa



vessel_tools_usa



@vesseltoolsusa

Warranty Policy for VESSEL brand

Warranty coverage applies only to products purchased directly from VESSEL TOOLS USA or our authorized sellers.

Products purchased from unauthorized resellers, including purchases made on eBay, Walmart, or Amazon.co.jp are not eligible, even if the product appears genuine.

For marketplace purchases, warranty eligibility may depend on the platform and our distribution relationship, not on the individual seller.

e-ASSIST® Screwdrivers



Product Video

Do your work more efficiently,
Easy to use.



Product Video

 3 Speeds [220USBP5U]	 Higher Torque [220USB1U]	 Higher Torque + 25pcs bits set [220USB25U]	 Higher Speed [220USBS1U]
---	---	---	---

Speed	[Slow] 280rpm [Medium] 340rpm [High] 400rpm	280rpm		1,200rpm
Torque (Electric)	[Slow] 10.6lbf-in [Medium] 14.2lbf-in [High] 17.7lbf-in	17.7lbf-in		3.5lbf-in
Torque (Manual)	106.2lbf-in	88.5lbf-in		88.5lbf-in
Weight	0.37lb	0.35lb	0.35lb (Tool Only) 1.2lb(Set)	0.35lb
Size (Inch)	5-3/4" 	5-1/2" 		5-1/2"
Charging Type	USB Type-C 	Micro USB Type-B 		Micro USB Type-B
Anti-lanyard	Attachable	Not attachable		Not attachable
Bits	5pcs 	1pc 	25pcs 	1pc

e-ASSIST® 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.



Electric Output 17.7 lbf-in	No-load Speed 280 rpm	Manual Torque Up to 88.5 lbf-in
---------------------------------------	---------------------------------	---

Contents

- 220USB1U×1pc • Impact Ball Torsion Bit (Φ2×90mm)×1pc
- USB Charging Cable (Micro USB Type B) (1m)×1pc

Model No.					Code
220USB1U	⊕2	90*1	43	140*2	148514

*1 Bit *2 Tool Only

e-ASSIST® 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.



Electric Output 17.7 lbf-in	No-load Speed 280 rpm	Manual Torque Up to 88.5 lbf-in
---------------------------------------	---------------------------------	---

Contents

- 220USB1U(Higher Torque model)×1pc • Impact Ball Torsion Bit (30mm) ×24pc
- Impact Ball Bit holder×1pc • USB Charging Cable (Micro USB Type B) (1m)×1pc

Model No.			Package size (mm)	Code
220USB25U	30*1/67*2	140*3	184x123x67	148527

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

e-ASSIST® 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.



Electric Output 3.5 lbf-in	No-load Speed 1200 rpm	Manual Torque Up to 88.5 lbf-in
--------------------------------------	----------------------------------	---

Contents

- 220USBS1U×1pc • Impact Ball Torsion Bit (Φ2×90mm)×1pc
- USB Charging Cable (Micro USB Type B) (1m)×1pc

Model No.					Code
220USBS1U	⊕2	90*1	43	140*2	148515

*1 Bit *2 Tool Only

e-ASSIST® Screwdriver <3 Adjustable Speeds Model>



- Electric output [10.6lbf-in, 14.2lbf-in, 17.7lbf-in], No-load speed [280rpm, 340rpm, 400rpm], Manual torque up to 88.5lbf-in
- 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).
- Charging Port (USB type C)
- Attachable Anti-drop lanyard attachment hole
- 6.35mm HEX shank.



Electric Output 10.6 lbf-in	No-load Speed 280 rpm	Manual Torque Up to 106.2 lbf-in
14.2 lbf-in	340 rpm	
17.7 lbf-in	400 rpm	

Contents

- 220USBP1U×1pc
- Impact Ball Torsion Bit (Φ2×90mm)×2pcs, (Φ3×90mm)×1pc, (Φ6×90mm)×1pc, (SQ2×90mm)×1pc
- USB Charging Cable (USB Type C) (1m)×1pc

Model No.				Code
220USBP5U	90*1	43	140*2	148530

*1 Bit *2 Tool Only

Socket Adapter with Hex Bolster

- 220USB Socket Adapter, Spanner Holder (B Type)
- The hexagonal bolster (H10mm) enables use of a wrench for powerful tightening and loosening of hard screws.
- The SQ 1/4" socket head is convenient for various bolts and nuts.
- Press-fit type. 8 times more durable than fully machined sockets.
- Compatible with VESSEL e-ASSIST Screwdrivers (220USB series)
- Made in Japan



Model No.	Drive Size	Overall Length	Inner Ctn.	Code
USB45BSQ2S10	1/4"	58	10	487050

VESSEL can offer wide ranges of screwdriver bits for e-ASSIST series



See page 41 for more details.

e-ASSIST®
Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

e-ASSIST®
Screwdrivers

VESSEL HAND TOOLS / SCREWDRIVERS

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

Cr-V.
steel
Cr-V Mo
steel

SHANK TYPES

Good precision and durability refined over decades in assembly lines. Chrome vanadium steel that improves the shank strength.

Cr (chromium): hardens the tip.

V (vanadium): makes the tip tough.

MO (molybdenum): improves strength, hardness, and even toughness.

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



Magnetized Tip-End
The tip-end is strongly magnetized to capture screws for better work efficiency.

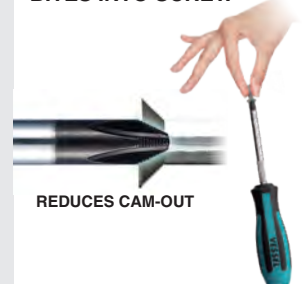


JAWSFIT®

JAWSFIT®
Fine protrusions are added to the tip-end by special machining. These protrusions bite firmly into the screw head recess and prevents cam-out of the bit.

Black point®
Black Oxide tips have high precision and are resistant to the effects of plating layer thickness.

BITES INTO SCREW



REDUCES CAM-OUT

JIS DRIVE+

FOR ALL SCREWS



END CAP TYPES

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.

GRIP TYPES

Ergonomic

Designed to fit the palm of the hand ensuring comfortable screw tightening

Non-slip

VESSEL®-developed non-slip surface for the WOOD COMPO series 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 that fits the palm.

Wood handle

Made of natural wood using a 100+ year old traditional technique.

Precision

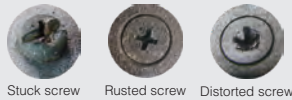
Designed to transmit a minute force efficiently. Intended for precision work.

Armor Grip

Ergonomic Soft Surface Grip with firm armor-like structure

IMPACT & OUT™ / Impacta

For removing stuck, rusted and distorted screws. Unscrew stubborn and stripped screws with Hammer Impacting technology. Blade turns 12° counterclockwise when striking with a hammer.



Hexagon bolster

Enables use of a spanner, etc. to retighten screws or loosen stuck screws.



e-ASSIST®
Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

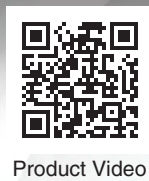
Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

IMPACT & OUT™



<p>SCAN HERE TO LEARN MORE!</p>				
Item	238HWB7PU	238HWB2PU	HZB10P01	B39K10P01
Description	Screwdriver & 7PC. Bit Set	Screwdriver & Screw Removal Kit	Screw Removing Bit ASSORTMENT	Striking Bit ASSORTMENT
Package Includes	<ul style="list-style-type: none"> • Screwdriver Grip • 6 Bits (Black / Impact Rated) Standard use & Striking ⊕2 ⊕3 ⊖SL6 ⊖SL7 ⊙T25 ⊙T30 • Screw removing bit For ⊕2 • Pouch 	<ul style="list-style-type: none"> • Screwdriver Grip • Screw Removing Pliers • Screw removing bit For ⊕2 • Pouch 	<ul style="list-style-type: none"> • 10 Screw removing bits For ⊕1 ⊕2x2pcs ⊕3x2pcs For ⊙H2 ⊙H2.5 ⊙H3 ⊙H4 ⊙H5 • Bit Belt 	<ul style="list-style-type: none"> • 10 Bits (Black / Impact Rated) Standard use & Striking ⊕2x2pcs ⊕3x2pcs ⊙T25x2pcs ⊙T30x2pcs ⊖SL6 ⊖SL7
Screwdriver Mechanism	<ul style="list-style-type: none"> • End cap designed for hammer striking • Blade turns 12° counterclockwise when striking with a hammer • Hex bolster for applying more torque 	-	-	
Bit Size	4" Length (100mm) 1/4"			
Bit Functions	<ul style="list-style-type: none"> • 6 Bits (Black / Impact Rated) Standard use & Striking • 1 Bit (White) For screw removal only usable with electric impact drivers 	<ul style="list-style-type: none"> • 1 Bit (White) For screw removal only usable with electric impact drivers • A pair of Pliers For Screw removal only 	<ul style="list-style-type: none"> • 10 Bits (White) For screw removal only usable with electric impact drivers 	<ul style="list-style-type: none"> • 10 Bits (Black / Impact Rated) Standard use & Striking

Note: Cannot be used for removing high hardness screws (Drilling screws, Drywall screws, Stainless screw, and so on). Only bits included can be used for hammering.

IMPACT & OUT™ Screwdriver & 7PC. Bit Set



- End Cap designed for hammer Striking
- Cam mechanism allows for 12-degree reverse rotation when striking
- Hex Bolster for Applying more torque
- Includes 6 assorted standard bits and 1 screw removal only bit (Φ2, Φ3, ØSL6, SL7, TX25, TX30, and Φ2 screw removal only)
- 1 screw removal only bit has wedge shaped blades that bite into damaged screws
- Comes with storage pouch
- Made in Japan

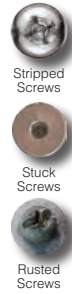


Model No.	Set Contents	Code
238HWB7PU	Screwdriver Grip Screw removing Bit ⊕ 2x100, 6 Striking bits ⊕ 2,3, ⊖ SL6,SL7, ⚙ T25,T30	125255

IMPACT & OUT™ Screw Removing Bit ASSORTMENT



- Impact & Out Screw Removing Bit ASSORTMENT
- Bits for Screw Removal only 8 Assortment Bits (Φ1, Φ2 x 2, Φ3 x 2, H2, H2.5, H3, H4, H5mm)
- The newly developed tip-end enables stuck screws to be removed.
- Wedge-Shaped Tip and Cam-Out prevention
- Can be used with Electric Impact Driver
- Made in Japan



Model No.	Set Contents
HZB10P01	Screw removing Bits ⊕ 1, 2(2), 3(2) ● H2, H2.5, H3, H4, H5

IMPACT & OUT™ Screwdriver & Screw Removal Kit



- Impact & Out Screwdriver & Screw Removal Kit
- End Cap designed for hammer Striking
- Cam mechanism allows for 12-degree reverse rotation when striking
- Hex Bolster for Applying more torque
- Includes 1 screw removing Bit (Φ2) & A pair of Screw Removing Pliers
- The serrations on the tip catch screws (Plier)
- Even screws with thin heads such as truss screws can be firmly gripped (Plier)
- Comes with storage pouch
- Made in Japan



Model No.	Set Contents	Code
238HWB2PU	Screwdriver Grip Screw removing Bit ⊕ 2x100 Screw Removing Pliers	125254

IMPACT & OUT™ Striking Bit ASSORTMENT



- Impact & Out Striking Bit ASSORTMENT
- Set Includes Φ2x2pc, Φ3x2pc, T25x2pc, T30x2pc, SL6, SL7 (4" Length)
- For Removal of a rusted or stuck screw with a hammer and for standard use
- Made in Japan



Model No.	Set Contents
B39K10P01	Striking Bits ⊕ 2(2), 3(2) ⊖ SL6, SL7 ⚙ T25(2), T30(2)

e-ASSIST®
Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

- e-ASSIST® Screwdrivers
- IMPACT & OUT™
- MEGADORA™ Screwdrivers**
- BALL GRIP™ Screwdrivers
- Cushion Grip Screwdrivers
- WOOD-COMPO™ Series
- Precision Screwdrivers
- 2WAY Series
- Functional Screwdrivers
- Impact Drivers
- Screwdriver Sets
- "L-KEY" Wrenches
- Other Hand Tools
- IMPACT BALL™
- NECK TORSION™
- DRY WALLER™
- Counter Display
- Accessories
- For Branding
- Insert Bits
- Power Bits
- Power Bits/ Mag Catcher
- Double-Ended Power Bits
- Nut Setters
- Bit Holder
- Precision Bits

MEGADORA™ Screwdrivers



Product Video



BLACK POINT TIP



Bites Into Screws and Reduces Cam-out

CHROME VANADIUM STEEL SHANK



FEATURING JAW/FIT

KNURLED SHANK FOR QUICK TURNING



REDUCES CAM-OUT

CUSHIONED HEXAGONAL CROSS SECTION CORNERS



MEGADORA™

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.



MEGADORA™ Screwdriver

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



Model No.						Code
900S5575	⊖ SL5.5	0.8	75(3")	30	175	125701
900S6100	SL6	0.9	100(4")	34	210	125702
900S6150	SL6	0.9	150(6")	34	260	125703
900S8150	SL8	1.1	150(6")	36	275	125704
900P175	⊕ 1 JAWSFIT.		75(3")	30	175	125705
900P2100	2 JAWSFIT.		100(4")	34	210	125706
900P2150	2 JAWSFIT.		150(6")	34	260	125707
900P3150	3 JAWSFIT.		150(6")	36	275	125708
903PZ175	⊕ PZ1		75(3")	30	175	267254
903PZ2100	PZ2		100(4")	34	210	267255
903PZ3150	PZ3		150(6")	36	275	267256

MEGADORA™ Tang-Thru Screwdriver

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



Model No.							Code
930S5575	⊖ SL5.5	0.8	75(3")	30	175	8	125711
930S6100	SL6	0.9	100(4")	34	213	10	125712
930S6150	SL6	0.9	150(6")	34	263	10	125713
930S8150	SL8	1.1	150(6")	36	278	12	125714
930P175	⊕ 1 JAWSFIT.		75(3")	30	176	8	125715
930P2100	2 JAWSFIT.		100(4")	34	213	10	125716
930P2150	2 JAWSFIT.		150(6")	34	263	10	125717
930P3150	3 JAWSFIT.		150(6")	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.						Code
910S375	⊖ SL3	0.4	75(3")	21	153	125746
910S3100	SL3	0.4	100(4")	21	178	125747
910S475	SL4	0.5	75(3")	21	153	125748
910S4100	SL4	0.5	100(4")	21	178	125749
910S4150	SL4	0.5	150(6")	21	228	125750
910S4200	SL4	0.5	200(8")	21	278	125751
910P075	⊕ 0		75(3")	21	153	125742
910P0100	0		100(4")	21	178	125743
910P175	1		75(3")	21	153	125744
910P1100	1		100(4")	21	178	125745

MEGADORA™ Stubby Screwdriver

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



Model No.						Code
920S625	⊖ SL6	0.9	25(1")	36	75	125752
920P125	⊕ 1 JAWSFIT.		25(1")	36	75	125753
920P225	2 JAWSFIT.		25(1")	36	75	125754

*Bulk

MEGADORA™ Screwdriver Extra Long Type

- Cross Points JAWSFIT tip that firmly grips screws
- Ideal for work in deep places
- 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.						Code
900S6400	⊖ SL6	0.9	400(16")	34	510	125709
900P2400	⊕ 2 JAWSFIT.		400(16")	34	510	125710

e-ASSIST®
Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

MEGADORA™ Screwdrivers

IMPACT BALL™



72-tooth gear ratchet for comfortable operation with fine turning.



Non slip ergonomic handle by triple structure injection molding



Fits well in the palm of the hand

MEGADORA™ Interchangeable Ratchet Screwdriver 5PC. Bit Set

- Impact rated Bits :Using New Alloy Steel "VoHA" (VESSEL Outstanding High-Performance Alloy) Highest Hardness 62 HRC
- Impact rated Bits :High Durability via shock absorption at Ball Torsion part.
- Comes with storage pouch



Model No.	Set Contents
900RT5PU	Screwdriver Grip, Bits \oplus 1,2,3 / \ominus SL4,SL6, Storage pouch

MEGADORA™ Insulated Screwdriver

- For protection against electric shock



Model No.	Bit	Length (mm)	Length (in)	Width (mm)	Code
960S575	\ominus SL5	0.8	75(3")	30	125824
960S6100	SL6	1	100(4")	34	125825
960S8150	SL8	1.2	150(6")	36	125826
960P175	\oplus 1		75(3")	30	125821
960P2100	2		100(4")	34	125822
960P3150	3		150(6")	36	125823

Model No.	Bit	Length (mm)	Length (in)	Width (mm)	Code
960PS2100	\oplus PS2		100(4")	34	125827
960PS3150	PS3		150(6")	36	125828

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.	Tip	Length (mm)	Length (in)	Width (mm)	Code
970CR6110	6	110(4 11/32")	30	215	121592
970CR712120	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.	Tip	Length (mm)	Length (in)	Width (mm)	Code
970C7100	7(9/32")	1.5	100(4")	34	125722
970C95120	9.5(3/8")	1.7	120(4 3/4")	36	125732

MEGADORA™ Hose Remover



Model No.	Tip	Length (mm)	Length (in)	Width (mm)	Code
970HRS130	130(5 1/8")	34	240	121593	
970HRR89	89(3 1/2")	34	199	121594	
970HRL89	89(3 1/2")	34	199	121595	

BITES INTO SCREW!

MEGA DORA IMPACTA™

Tang-Through shank and steel cap with cam rotation mechanism.



Product Video



12°

For removing stuck, rusted, or distorted screws.



Stuck screw Rusted screw Distorted screw

MEGADORA IMPACTA™ Impact Driven Screwdriver

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



Power Bits

Magnetic



Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Model No.	+	+	-	(mm)	Code
980P2100	2	100(4")	34	213	125941
980P2150	2	150(6")	34	263	125942
980P3150	3	150(6")	36	278	125943

Bit Holder

Precision Bits

e-ASSIST®
Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

BALL GRIP™ Screwdrivers



LONG LIFE DESIGN



Long Life Design products support the changing times and society.



Product Video

Released in 1984 by inheriting the design of the "screwdriver for electrical work" of the 1930's. This enables turning while pressing down, reducing fatigue by 20% compared to ordinary screwdrivers. In recognition of its evolution in response to changes in the environment and market, the product received the Long Life Award in 2021.

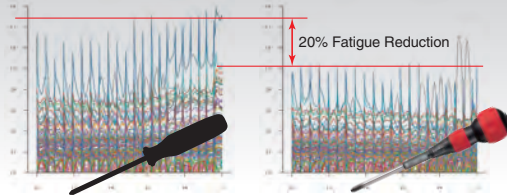


-  **1984 No.220**
Ball-Grip Screwdriver
-  **1990 No.225**
Ball-Grip Screwdriver (With covered shank)
-  **1994 No.230**
Ball-Grip Tang-Thru Screwdriver
-  **2000 No.220F**
Free-Turning Ball Grip Screwdriver
-  **2012 No.220W**
Ball Grip (Bit-replaceable grip)
-  **2014 No.250**
Tang-Thru Screwdriver
-  **2015 No.2200**
Ball Ratchet Screwdriver
-  **2017 No.230**
Ball Grip (Bit-replaceable Tang-Thru grip)
-  **2018 No.220USB-1**
e-ASSIST Screwdriver
-  **2020 No.200**
Ball-Grip Insulated Screwdriver

POINT

Reduce your fatigue by 20%

BALL GRIP™ Screwdriver can reduce fatigue by 20% compared to straight grip screwdrivers based on a musculo-skeletal system analysis. With stable pressing force, you can work at different angles including upward-facing work.



BALL GRIP™ Screwdriver



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



Model No.	⊖	⊕	⊖	⊕	(mm)	Code
220S5575	SL5.5	0.8	75(3")	32	156	125351
220S55100	SL5.5	0.8	100(4")	32	181	125361
220S55150	SL5.5	0.8	150(6")	32	231	125362
220S6100	SL6	0.9	100(4")	41	200	125352
220S6150	SL6	0.9	150(6")	41	250	125353
220S6200	SL6	0.9	200(8")	41	300	125354
220S6300	SL6	0.9	300(12")	41	400	125363
220S8150	SL8	1.1	150(6")	41	250	125376
220P175	⊕ 1		75(3")	32	156	125355
220P1100	1		100(4")	32	181	125371
220P1150	1		150(6")	32	231	125372
220P275	2		75(3")	32	156	125375
220P2100	2		100(4")	41	200	125356
220P2150	2		150(6")	41	250	125357
220P2200	2		200(8")	41	300	125358
220P2300	2		300(12")	41	400	125359
220P3150	3		150(6")	41	250	125374

BALL GRIP™ Screwdriver



- Our original ergonomic BALL GRIP™ handle enables both quick and power driving, and reduces fatigue compared to a traditional cylindrical handle.
- Transmits sufficient tightening force to screw



Model No.	⊖	⊕	⊖	⊕	(mm)
220SQ1100	■ SQ1		100(4")	32	181
220SQ2150	SQ2		150(6")	32	250
220SQ3150	SQ3		150(6")	41	250
2203SQ	SQ1x100, SQ2x150, SQ3x150				

BALL GRIP™ Tang-Thru Screwdriver

- Large nut for easy hammering
- Transmits sufficient tightening force to screw
- Cushion grip color-coded by ⊕ ⊖
- High precision black point tip



Model No.	⊖	⊕	⊖	⊕	(mm)	Code
230S5575	SL5.5	0.8	75(3")	32	156	125311
230S6100	SL6	0.9	100(4")	41	200	125314
230S6150	SL6	0.9	150(6")	41	250	125315
230P175	⊕ 1		75(3")	32	156	125321
230P2100	2		100(4")	41	200	125324
230P2150	2		150(6")	41	250	125325

BALL GRIP™ Tang-Thru Screwdriver w/Ceramic Ball



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

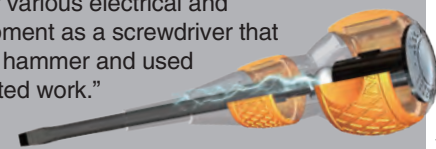


Model No.	⊖	⊕	⊖	⊕	(mm)	Code
250S6100	SL6	0.9	100(4")	41	200	112105
250S6150	SL6	0.9	150(6")	41	250	112106
250S8150	SL8	1.1	150(6")	41	250	112109
250P2100	⊕ 2		100(4")	41	200	112107
250P2150	2		150(6")	41	250	112108
250P3150	3		150(6")	41	400	112110

POINT

Ceramic ball blocks electricity [No.250]

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



e-ASSIST®
Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

BALL GRIP™ Screwdrivers

IMPACT & OUT™

BALL GRIP™ Insulated Screwdriver



MEGADORA™
Screwdrivers

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

BALL GRIP™
Screwdrivers



Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Model No.	Tip	Length (mm)	Blade Length (mm)	Blade Width (mm)	Blade Thickness (mm)	Code
200S575	⊖ SL5	0.8	75(3")	32	150	125841
200S6100	⊖ SL6	1.0	100(4")	41	189	125842
200S6150	⊖ SL6	1.0	150(6")	41	239	125843
200P175	⊕ 1		75(3")	32	150	125844
200P2100	⊕ 2		100(4")	41	189	125845
200P2150	⊕ 2		150(6")	41	239	125846
200P3150	⊕ 3		150(6")	41	239	125847

Impact Drivers

BALL RATCHET™ Screwdriver

Screwdriver
Sets

- 36-tooth gear ratchet for comfortable operation with fine tuning.
- Blade cover to prevent electrical short circuit.
- Using special alloy steel used for power tool bit, Fully hardened and Interchangeable blade.
- Reduced or slim blade for convenience when using in a terminal block.



"L-KEY"
Wrenches



Other
Hand Tools

IMPACT BALL™

Model No.	Tip	Length (mm)	Blade Length (mm)	Blade Width (mm)	Blade Thickness (mm)	Code
2200S6100	⊖ SL6	0.8	100(4")	41	200	125395
2200S6150	⊖ SL6	0.8	150(6")	41	250	125396
2200P2100	⊕ 2		100(4")	41	200	125345
2200P2150	⊕ 2		150(6")	41	250	125346
2200P3150	⊕ 3		150(6")	41	250	125347

Accessories

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

For Branding



Insert Bits

Model No.	Tip	Length (mm)	Blade Length (mm)	Blade Width (mm)	Blade Thickness (mm)	Code
2200BS6100	⊖ SL6	0.8	100(4")	158	125397	
2200BS6150	⊖ SL6	0.8	150(6")	208	125398	
2200BP2100	⊕ 2		100(4")	158	125348	
2200BP2150	⊕ 2		150(6")	208	125349	
2200BP3150	⊕ 3		150(6")	208	125350	

Double-Ended
Power Bits

POINT

Smooth Operation [No.2200 Series]

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



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.	Tip	Length (mm)	Blade Length (mm)	Blade Width (mm)	Blade Thickness (mm)	a	b	c	Code
225S6100	⊖ SL6	0.9	100(4")	200	14	8	10	125382	
225S6150	⊖ SL6	0.9	150(6")	250	14	8	10	125383	
225P2100	⊕ 2		100(4")	200	14	8	10	125389	
225P2150	⊕ 2		150(6")	250	14	8	10	125390	

BALL GRIP™ Interchangeable Ratchet Screwdriver

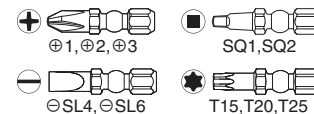
- 36-tooth gear ratchet for comfortable operation with fine tuning.
- Bits are replaceable.
- Comes with one bit piece.



Model No.	Tip	Length (mm)	Blade Length (mm)	Blade Width (mm)	Blade Thickness (mm)	Code
2200MBH120	⊕ 2x30	6.42	117	41	217	152718

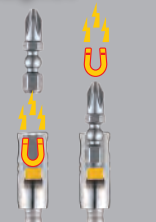
BALL GRIP™ Interchangeable Ratchet Screwdriver 10PC. Bit Set

- 36-tooth gear ratchet for comfortable operation with fine tuning.
- Bits are replaceable.
- With 10pc of bits and bit holding belt.

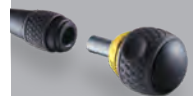


Model No.	Tip	Length (mm)	Blade Length (mm)	Blade Width (mm)	Blade Thickness (mm)	Code
2200MBH120K01	⊕ 1x30, 2x30, 3x30 ⊖ SL4x30, SL6x30 ⊕ T15x30, T20x30, T25x30 ⊖ SQ1x30, SQ2x30	6.42	117	41	217	152719

Bits hold by
a Powerful
Magnet



Detachable



Stubby



36-tooth Gear



BALL GRIP™ Interchangeable grip

- Elastic grip assures reliable tightening.
- Compatibility with a 1/4"(6.35mm) hex drive bit enables use as a familiar ball grip screwdriver.

JPN Package



Model No.	Set Contents	Code
220W	BALL GRIP™ Interchangeable Drive Handle	Carded 125344

BALL GRIP™ Interchangeable Tang-Thru grip

- Blade interchangeable tang-thru grip. 1/4"(6.35mm)
- 1"(25.4mm) large nut incorporated to efficiently transmit hammering power

JPN Package



Model No.	Set Contents	Code
230W	BALL GRIP™ Interchangeable Tang-Thru Drive Handle	Carded 125326

BALL GRIP™ Interchangeable Screwdriver

- Slotted tip used for quick connection at terminals such as outlets and frequently-used $\oplus 2$ tip are combined into one bit.



JPN Package



Model No.	Set Contents	Code
220W62	BALL GRIP™ Interchangeable Drive Handle \ominus SL6 / $\oplus 2$ x110	Carded 233071

BALL GRIP™ Interchangeable Tang-Thru Screwdriver

- Blade interchangeable tang-thru grip. (A/F6.35mm)
- 1"(25.4mm) large nut incorporated to efficiently transmit hammering power



JPN Package



Model No.	Set Contents	Code
230W2	BALL GRIP™ Interchangeable Tang-Thru Drive Handle $\oplus 2$ x140	Carded 125327

BALL GRIP™ Interchangeable Screwdriver

- Convenient set with $\oplus 1$, $\oplus 3$, - tip used for quick connection at a terminal such as an outlet, frequently-used $\oplus 2$ tip, and PZ2 and PZ3 tips widely used for European furniture, appliances, sports equipment, and more



JPN Package



Model No.	Set Contents	Code
220W3	BALL GRIP™ Interchangeable Drive Handle $\oplus 1$ / $\oplus 3$ x110, \ominus SL6 / $\oplus 2$ x110 \oplus PZ2/PZ3 x110	Carded 233072

BALL GRIP™ Interchangeable Tang-Thru Screwdriver

- Blade interchangeable tang-thru grip. (A/F6.35mm)
- 1"(25.4mm) large nut incorporated to efficiently transmit hammering power



JPN Package



Model No.	Set Contents	Code
230W3	BALL GRIP™ Interchangeable Tang-Thru Drive Handle $\oplus 3$ x140	Carded 125328

BALL GRIP™ Combi Plus Screwdriver

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



JPN Package



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

BALL GRIP™ Interchangeable Tang-Thru Screwdriver

- Blade interchangeable tang-thru grip. (A/F6.35mm)
- 1"(25.4mm) large nut incorporated to efficiently transmit hammering power



JPN Package



Model No.	Set Contents	Code
230W6	BALL GRIP™ Interchangeable Tang-Thru Drive Handle \ominus SL6 x140	Carded 125329

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Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

Cushion Grip Screwdrivers

GEL GRIP is ideal for a heavy load on the palm.



Highly elastic cushion grip.
Fits the palm of the hand. No slipping.
Transmits high torque to the tip.



Product Video



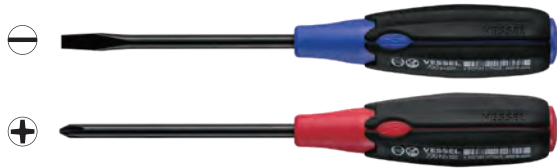
A D V A N C E D
GEL-FUNCTION
T E C H N O L O G Y

VESSEL Cushion Grip Screwdrivers fit not only screw heads but also your hand.
This series assure the efficient torque transmission.

※The above illustration is for reference only.

SUPER CUSHION™ Screwdriver

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



Model No.						Code
700S5575	⊖ SL5.5	0.8	75(3")	29	182	125211
700S6100	SL6	0.9	100(4")	32	215	125212
700S6150	SL6	0.9	150(6")	32	265	125213
700S8150	SL8	1.1	150(6")	34	275	125214
700P175	⊕ 1		75(3")	29	182	125215
700P2100	2		100(4")	32	215	125216
700P2150	2		150(6")	32	265	125217
700P3150	3		150(6")	34	275	125218

Cushion Grip Stubby Screwdriver

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



Model No.						Code
720S615	⊖ SL6	0.9	15(19/32")	35	68	125221
720P115	⊕ 1		15(19/32")	35	68	125222
720P215	2		15(19/32")	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.						Code
730S5575	⊖ SL5.5	0.8	75(3")	29	182	125231
730S6100	SL6	0.9	100(4")	32	215	125232
730S6150	SL6	0.9	150(6")	32	265	125233
730S8150	SL8	1.1	150(6")	34	276	125234
730P175	⊕ 1		75(3")	29	182	125235
730P2100	2		100(4")	32	215	125236
730P2150	2		150(6")	32	265	125237
730P3150	3		150(6")	34	276	125238

Cushion Grip TORX Screwdriver

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



Model No.						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

TORX® is a registered trademark of Acument™ Intellectual Properties, LLC (USA). VESSEL has a manufacturing license in Japan and selling same to the world.

Cushion Grip Interchangeable Stubby Screwdriver

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

JPN Package



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

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 cross-pointed screws commonly used

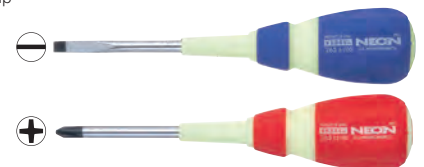
JPN Package



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

"NEON" Screwdriver

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



Model No.						Code
265S6100	⊖ SL6	0.9	100(4")	40	185	125561
265S6150	SL6	0.9	150(6")	40	235	125562
265P2100	⊕ 2		100(4")	40	185	125563
265P2150	2		150(6")	40	235	125564

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WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

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NECK TORSION™

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Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

WOOD-COMPO™ Screwdrivers

 **NON-SLIP**
IN WET OR OILY CONDITIONS



**70% Wood - 30% Plastic
Composite Grip**

Maintenance of cars, motorbikes and machines always involves oils. Wood-compo screwdriver's coarse wood powder on the grip surface stops the oil flow against the tightening torque, producing an outstanding non-slip grip effect.



Product Video

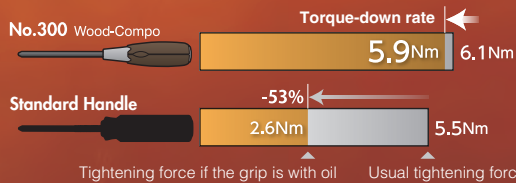


Grip surface enlarged.

The grip section is made of "wood resin," a mixture of wood powder and plastic, by injection molding using our proprietary technology.

Because it contains a large amount of wood powder, you can feel the texture of the natural wood and its grip in your hand.

Comparison of torque-down rates : standard and with oily grips



※Image is for illustration purposes.

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



Magnetic



Model No.							
300S5575	⊖	SL5.5	0.8	75(3")	30	182	120021
300S6100		SL6	0.9	100(4")	32	215	120022
300S6150		SL6	0.9	150(6")	32	265	120027
300S8150		SL8	1.1	150(6")	35	275	120023
300P175	⊕	1		75(3")	30	182	120024
300P2100		2		100(4")	32	215	120025
300P2150		2		150(6")	32	265	120029
300P3150		3		150(6")	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



Magnetic



Model No.							
320S615	⊖	SL6	0.9	15(19/32")	35	68	120035
320P215	⊕	2		15(19/32")	35	68	120037

GenuineWood Handle Tang-Thru Screwdriver

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



Magnetic



Model No.							
100S5575	⊖	SL5.5	0.8	75(3")	27	182	111051
100S6100		SL6	0.9	100(4")	30.5	223	111052
100S6300		SL6	0.9	300(12")	30.5	423	111061
100S8150		SL8	1.1	150(6")	34	294	111053
100P175	⊕	1		75(3")	27	182	111054
100P2100		2		100(4")	30.5	223	111055
100P2300		2		300(12")	30.5	423	111066
100P3150		3		150(6")	34	294	111056

POINT

Ultimate Non-Slip Screwdriver even with oily hands

Uses biomass plastic which contains 70% wood powder. This compound material forms the

base for our wood-compo screwdrivers, a new wood-handled product type with the texture of wood and excellent strength.

Our drivers have also been proven to be "non-slip" even in oily hands

This feature is most applicable to work that involves oil such as car maintenance and iron work.



Wood powder

Pellets

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



Magnetic

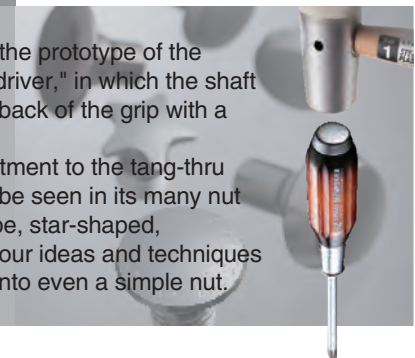


Model No.							
330S5575	⊖	SL5.5	0.8	75(3")	30	183	120041
330S6100		SL6	0.9	100(4")	32	217	120042
330S6150		SL6	0.9	150(6")	32	267	120043
330S8150		SL8	1.1	150(6")	35	277	120044
330P175	⊕	1		75(3")	30	183	120045
330P2100		2		100(4")	32	217	120046
330P2150		2		150(6")	32	267	120047
330P3150		3		150(6")	35	277	120048

POINT

VESSEL created the prototype of the "Tang-thru screwdriver," in which the shaft penetrates to the back of the grip with a large nut.

VESSEL's commitment to the tang-thru screwdrivers can be seen in its many nut designs. Thick type, star-shaped, mark-punched... our ideas and techniques are incorporated into even a simple nut.



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Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

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For Branding

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Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

WOOD-COMPO™ Ratchet

* Available stock is limited. As this item is now discontinued, we can only sell our remaining inventory and will not be selling more once we have run out.

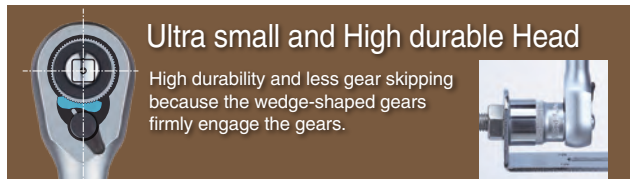
Key for Improved Working Efficiency

Swivel Socket Wrench

Suitable for tightening in narrow and deep spaces



Swivel head enables quick driving as a screwdriver when in the vertical position



Ultra small and High durable Head

High durability and less gear skipping because the wedge-shaped gears firmly engage the gears.

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™ Ratchet Handle

- High durability and less gear skipping by firmly engaging wedge-shaped gears

1/4"sq. (6.35mm)



Model No.	Icon 1	Icon 2	Icon 3	Icon 4	(mm)	Code
HRH2W	6.35(1/4")	20	20	30	145	162004

3/8"sq. (9.5mm)



Model No.	Icon 1	Icon 2	Icon 3	Icon 4	(mm)	Code
HRH3W	9.5(3/8")	25	27	30	180	162005

WOOD-COMPO™ Swivel Ratchet Handle

- High durability and less gear skipping by firmly engaging wedge-shaped gears

1/4"sq. (6.35mm)



Model No.	Icon 1	Icon 2	Icon 3	Icon 4	(mm)	Code
HRH2SW	6.35(1/4")	32	26.4	19.5	169	162104

3/8"sq. (9.5mm)



Model No.	Icon 1	Icon 2	Icon 3	Icon 4	(mm)	Code
HRH3SW	9.5(3/8")	32	29.5	19.5	169	162105

Precision Screwdrivers

Micro Screwdriver

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



Model No.						Code
9900ES1850	⊖ SL1.8	0.25	50(2")	10	145	125621
9900ES2575	SL2.5	0.35	75(3")	10	170	125622
9900ES3100	SL3	0.45	100(4")	10	195	125623
9900ES3150	SL3	0.45	150(6")	10	245	125624
9900EP0075	⊕ 00		75(3")	10	170	125625
9900EP0100	0		100(4")	10	195	125626
9900EP0150	0		150(6")	10	245	125627

Micro Screwdriver 3PC. Set

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

JPN Package



Model No.	Set Contents	Code
9902E	Micro Screwdriver ⊖ SL1.8x50 ⊕ 00x75, 0x100	125636
9903E	Micro Screwdriver ⊖ SL1.8x50, SL2.5x75 ⊕ 00x75	125637

Interchangeable precision Screwdriver 36PC. Bit Set

- Aluminum Alloy Grip with rotating head cap
- The storage case slides open and the lid can click into place to make a stand



Model No.	Set Contents
9836U	Aluminum handle ⊕ 000, 00x2, 0x2, 1, 2 ⊖ SL1.5x2, SL2, SL3, SL4 ● H0.89, 1.5, 2 ⚙ T2, T3, T4, T5H, 6H, 7H, 8H, 9H, 10H, 15H ⚙ 1IPR, 4IPR, ⊕ 0.6, 1, 2, 2.5, ⊙ 2, 2.6 ▲ 2.3, ● 0.8, Stand type case

Precision Ceramic Adjuster

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

JPN Package



Model No.						Code
9000ES0930	⊖ SL0.9	0.4	30(1 3/4")	10	125	125641
9000ES1330	SL1.3	0.4	30(1 3/4")	10	125	125642
9000ES1830	SL1.8	0.4	30(1 3/4")	10	125	125643
9000ES2630	SL2.6	0.4	30(1 3/4")	10	125	125644
9000ES3415	SL3.4	0.5	30(1 3/4")	10	125	125645
9000EP030	⊕ 0		30(1 3/4")	10	125	125646
9000EP1730	Width 1.7(1/16")		30(1 3/4")	10	125	125647

Micro Screwdriver 5PC. Set

- For adjustment and repair of precision devices , electric devices, glasses, watches, and more
- Smooth rotating end cap for quick turning
- High precision black point tip
- Sets with frequently used sizes



99005PHPBU 99005PFPBU 99005TXPBU 99005HXPBU

Model No.	Set Contents
99005PHPBU	Micro Screwdriver ⊕ 0000x50, 000x50, 00x75, 0x100 1x100
99005PFPBU	Micro Screwdriver ⊖ SL2x50, SL3x100 ⊕ 00x75, 0x100 1x100
99005TXPBU	Micro Screwdriver ⚙ T5x50, T6x50 ⚙ T7Hx50, T8Hx50, T10Hx50
99005HXPBU	Micro Screwdriver ● H0.89x50, H1.27x50, H1.5x50, H2.0x50, H2.5x50

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NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

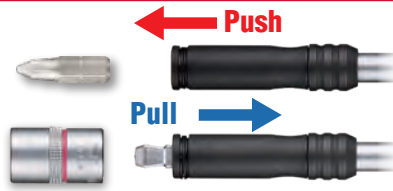
Precision Bits

2WAY Series



SOCKET(TILT)

BIT



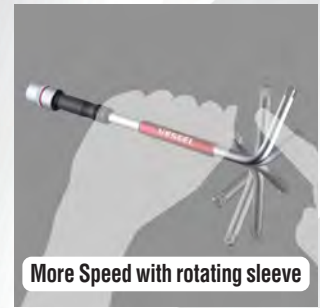
Product Video

SLH21U

2WAY-Speed L-Handle, 11PC. Set



More Torque with long shaft



More Speed with rotating sleeve

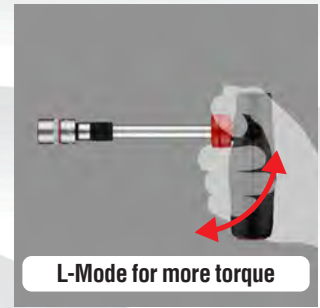


400PD21U

2 Way Power Driver 11PC. Set



Screwdriver Mode



L-Mode for more torque

2 Way-Speed L-Handle, 11PC. Set

- Dual-use drive for both socket and bit. Move the sleeve forward to use with a bit; backward to use with a socket.
- The tilting drive (for socket) and the rotating grip enable quick and light turning.
- Use the stubby shank side for final tightening.



Model No.	Set Contents	Code
SLH21U	Speed L-Handle (1/4"SQ / 1/4"Hex) Bits ⊕1,2,3 ⊖SL4,SL6 ×25.4mm 1/4" Sockets: ○H8, 10, 12, 13, 14×25.4mm	251702

2Way Power Driver, 11PC. Set

- Dual-use drive for both socket and bit. Move the sleeve forward to use with a bit; backward to use with a socket.
- The standard shape of screwdriver can be transformed to the L-shaped screwdriver that enables more powerful work for re-tightening screws and loosening stuck screws.



Model No.	Set Contents	Code
400PD21U	Power Screwdriver (1/4"SQ / 1/4"Hex) Bits ⊕1,2,3 ⊖SL4,SL6 ×25.4mm 1/4" Sockets: ○H8, 10, 12, 13, 14×25.4mm	251701

Functional Screwdrivers

Ergonomic Soft Surface Grip

ARMORGRIP™

Fully Hardened Cr-V Alloy for Superior Wear-resistance & Durability by Advanced Heat Treatment Technology

Octagonal Handle Design for secure grip and sufficient Torque Output

Finger Indent for Extra Torque Output

Anti-corrosion Electroless nickel plating

Non-Slip wavy concave design inspired by grace & toughness of armor plating

Outer Material: Comfortable Cushion Material (TPE)

Core Material: Durable Hard Material (PP)

ARMORGRIP Technology
Ergonomic Soft Surface Grip with firm armor-like structure

ARMOR GRIP™ Socket Driver

- Fully Hardened Cr-V Alloy for Superior Wear-resistance & Durability.
- Anti-corrosion Fully Nickel Plated Blade (Magnetized Tip).
- Ergonomic Soft Surface Grip with firm armor-like structure (ARMOR GRIP Technology).

1/4SQ

Model No.	1/4"	125	8	250 (mm)
550A2U	1/4"	125	8	250

ARMOR GRIP™ T-handle Socket Driver

- Fully Hardened Cr-V Alloy for Superior Wear-resistance & Durability.
- Anti-corrosion Fully Nickel Plated Blade (Magnetized Tip).
- Ergonomic Soft Surface Grip with firm armor-like structure (ARMOR GRIP Technology).

1/4SQ

Model No.	1/4"	130	6.35	170.5 (mm)
460A2U	1/4"	130	6.35	170.5

Flat-shaped Ratchet Screwdriver (Straight type)

- 18mm thin head ratchet screwdriver
- Magnetized bits (Overall length: 18mm)
- Can be used in tight places
- 2pcs of bit can be stored in the handle with a hole for hanging
- High-precision ratchet gear mechanism enables ideal fastening



Model No.	Set Contents	Code
TX76U	Flat-shaped Ratchet Screwdriver (Straight type) Bits \oplus 1, 2, 3 \ominus SL4, SL6 \bullet H3, H4, H5 \star T20, T25, T30 \times 18mm Bit holder	Carded 251237

Flat-shaped Ratchet Screwdriver (Angle Type)

- 18mm thin head ratchet screwdriver.
- Magnetized bits (Overall length: 18mm)
- Can be used in tight places.
- 2pcs of bit can be stored in the handle with a hole for hanging
- High-precision ratchet gear mechanism enables ideal fastening



Model No.	Set Contents	Code
TX79U	Flat-shaped Ratchet Screwdriver(Angle Type) Bits \oplus 1, 2, 3 \ominus SL4, SL6 \bullet H3, H4, H5 \star T20, T25, T30 \times 18mm, Bit holder	Carded 251238

Flat-shaped Ratchet Screwdriver Counter Display



Displayer Dimensions:
W11.5"(29cm) \times D8.5"(21.5cm) \times H3"(7.5cm)

No.	Model No.	Description
1	TX76U	10Pack
2	TX79U	10Pack

e-ASSIST®
Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

Ratchet Screwdriver Set

IMPACT & OUT™

Ratcheting Screwdriver 4PC. Bit Set



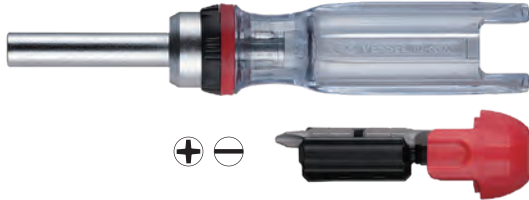
MEGADORA™
Screwdrivers

- Smooth click feeling enabled by rotating angle of 5 deg. and 72-tooth gear. High strength accomplished by 2 nails supporting the ratchet gear. It can be used for final tightening work.

BALL GRIP™
Screwdrivers

- The handle is made out of oil-resistant cellulose acetate resin.
- Easy to carry around with cassette type bit storage inside the handle.
- Magnetic bits can be replaced with one-touch.
- Bit insertion part 1/4"(6.35mm)

Cushion Grip
Screwdrivers



WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Model No.	Set Contents	Code
TD6804MGU	Ratcheting Screwdriver Bits: \oplus 1,2,3 \ominus SL6x1" (25.4mm)	Carded 247022

Functional
Screwdrivers

Impact Drivers

Ratcheting Screwdriver 8PC. Bit Set



Screwdriver
Sets

- Smooth click feeling enabled by rotating angle of 5 deg. and 72-tooth gear. High strength accomplished by 2 nails supporting the ratchet gear. It can be used for final tightening work.
- The handle is made out of oil-resistant cellulose acetate resin.
- Easy to carry around with cassette type bit storage inside the handle.
- Stores 8 types of bits including HEX bit.
- Magnetic bits can be replaced with one-touch.
- Bit insertion part 1/4"(6.35mm).

"L-KEY"
Wrenches



IMPACT BALL™

NECK TORSION™

Model No.	Set Contents	Code
TD6808MGU	Ratcheting Screwdriver Bits: \oplus 1,2,3 \ominus SL6 \bullet H2.5, H3, H4, H5x1" (25.4mm)	Carded 247023

DRY WALLER™

Counter Display

Accessories

Ratcheting Screwdriver 16PC. Bit Set

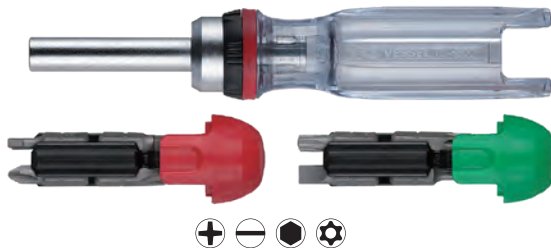


For Branding

- Smooth click feeling enabled by rotating angle of 5 deg. and 72-tooth gear. High strength accomplished by 2 nails supporting the ratchet gear. It can be used for final tightening work.
- The handle is made out of oil-resistant cellulose acetate resin.
- Easy to carry around with cassette type bit storage inside the handle.
- 16 types of bits to adapt to various types of work.
- Magnetic bits can be replaced with one-touch.
- Bit insertion part 1/4"(6.35mm).

Insert Bits

Power Bits



Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Model No.	Set Contents	Code
TD6816MGU	Ratcheting Screwdriver Bits: \oplus 1,2,3 \ominus SL6, \bullet H2, H2.5, H3, H4, H5, \odot T10H, T15H, T20H, T25H, T27H, T30H, T40H x1" (25.4mm)	Carded 247025

Bit Holder

Precision Bits

Ratcheting Screwdriver 8PC. Bit Set



- Smooth click feeling enabled by rotating angle of 5 deg. and 72-tooth gear. High strength accomplished by 2 nails supporting the ratchet gear. It can be used for final tightening work.

- The handle is made out of oil-resistant cellulose acetate resin.
- Easy to carry around with cassette type bit storage inside the handle.
- Stores 8 types of bits including TORX bit.
- Magnetic bits can be replaced with one-touch.
- Bit insertion part 6.35mm.

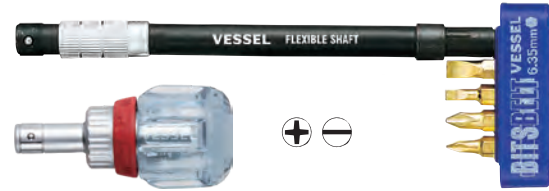


Model No.	Set Contents	Code
TD6808TXU	Ratcheting Screwdriver Bits: \oplus 1,2 \odot T10H, T15H, T20H, T25H, T30H, T40Hx1" (25.4mm)	Carded 247024

Ratcheting Stubby Screwdriver with Flexible shaft



- Improves workability in cramped spaces! Stubby type that fits in your hand.
- Smooth click feeling enabled by rotating angle of 5 deg. and 72-tooth gear. High strength accomplished by 2 nails supporting the ratchet gear. It can be used for final tightening work.
- The handle is made out of oil-resistant cellulose acetate resin.
- Ball-lock bits can be replaced with one-touch.
- Bit insertion part 1/4"(6.35mm).



Model No.	Set Contents	Code
TD6700FX4U	Ratchet stubby screwdriver Bits: \oplus 1,2 \ominus SL4, SL6x33mm Flexible shaft 165mm	Carded 247027

Ratcheting Stubby Screwdriver with Double Ended Bit \oplus 2/ \oplus 3



- Improves workability in cramped spaces! Stubby type that fits in your hand.
- Smooth click feeling enabled by rotating angle of 5 deg. and 72-tooth gear. High strength accomplished by 2 nails supporting the ratchet gear. It can be used for final tightening work.
- The handle is made out of oil-resistant cellulose acetate resin.
- Ball-lock bits can be replaced with one-touch.
- Bit insertion part 1/4"(6.35mm).*



Model No.	Set Contents	Code
TD6700W23U	Ratchet stubby screwdriver Double Ended bit \oplus 2/ \oplus 3x35mm	Carded 247026

Impact Drivers

Manual Impact Driver with Cushion Grip Handle 5/16" Hex & 1/2" SQ Drive Set

- Change rotation directions with one touch.
- Soft non-slip resin handle, comfortable to grip. Designed for less shock on hands.
- For heavy-duty use.
- If the bit adapter is detached, a 12.7 mm socket can be attached.
- Bit insertion part \varnothing 8mm

JPN Package



Model No.	Set Contents	Code
ID240001	Bits \ominus SL10, \oplus 2, 3, 4x36mm, \oplus 2, 3x80mm Body length 176mm dia. 37.5mm	246051

Manual Impact Driver 5/16" Hex & 1/2" SQ Drive Set

- Effective for very tight fastening and loosening rusted screws.
- Suited for automobile maintenance, and assembly and disassembly of machinery and equipment.
- For heavy-duty use.
- If the bit adapter is detached, a 12.7 mm socket can be attached.
- Bit insertion part \varnothing 8mm

JPN Package



Model No.	Set Contents	Code
ID250001	Bits \ominus SL10, \oplus 2, 3, 4x36mm Body length 166mm dia. 32mm	246001

Manual Impact Driver 1/4" Hex Drive Set

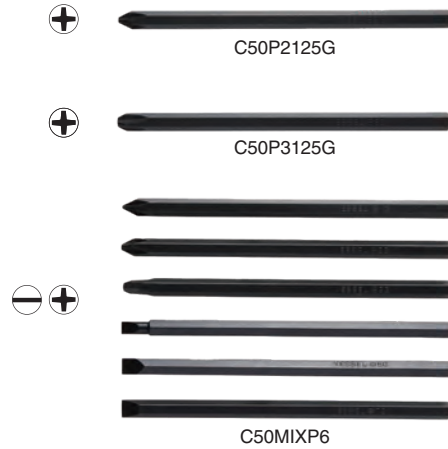
- Thin handle. Can be used as normal screwdriver.
- Long shank bit. Ideal for hard-to-reach cramped spaces.
- Bit insertion part \varnothing 6.35mm

JPN Package



Model No.	Set Contents	Code
ID260002	Bits \ominus SL5, SL6, SL7 \oplus 1, 2, 3 x125mm Body length 32.5mm dia. 26mm	246016

INSERT BIT 1/4" Hex



Model No.	Set Content	Pack QTY	Code
C50P2125G	\oplus 2x125 for Manual Impact Driver	10	Bulk 431302
C50P3125G	\oplus 3x125 for Manual Impact Driver	10	Bulk 431303
C50MIXP6	6PC. Set for Manual Impact Driver	6	Bulk 431701

INSERT BIT 5/16" Hex



Model No.	Set Content	Pack QTY	Code
C51P236G	\oplus 2x36G for Manual Impact Driver	10	Bulk 431041
C51P280G	\oplus 2x80G for Manual Impact Driver	10	Bulk 431042
C51P336E	\oplus 3x36E for Manual Impact Driver	10	Bulk 431051
C51P380E	\oplus 3x80E for Manual Impact Driver	10	Bulk 431052
C51MIXP4	4PC. Set for Manual Impact Driver	4	Bulk 431801

POINT

Removal of a rusted or stuck screw

Hitting the handle with a hammer causes the impact to be converted into rotational force.

Distorted screws



Rusted screws

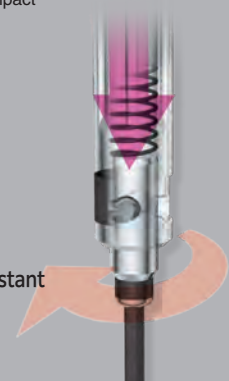


Stuck screws



The tip turns counterclockwise at the instant when the handle is hit with a hammer.

Loosened by impact acceleration



e-ASSIST[®]
Screwdrivers

IMPACT & OUT[™]

MEGADORA[™]
Screwdrivers

BALL GRIP[™]
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Cushion Grip
Screwdrivers

WOOD-COMPO[™]
Series

Precision
Screwdrivers

2WAY Series

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Screwdriver
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"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL[™]

NECK TORSION[™]

DRY WALLER[™]

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

⊕ Cross Point Tip Screwdriver Sets

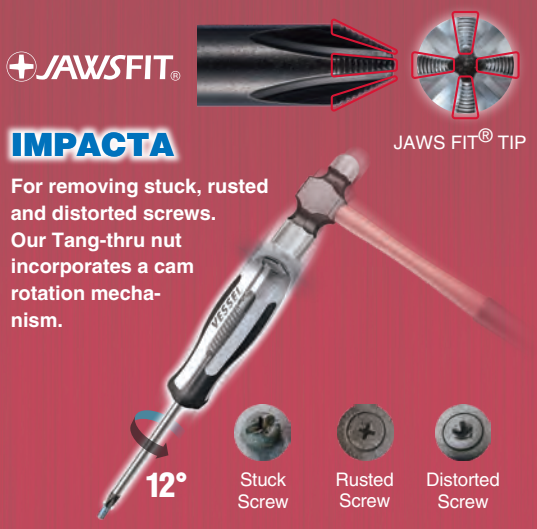
JISDRIVE⁺
FOR ALL SCREWS

BALL GRIP™

Reduce your fatigue by 20%



MEGADORA™



SUPER CUSHION™



BALL GRIP™ JISDRIVE Screwdriver 4PC. Set

- INCLUDES 4PCS JISDRIVE Screwdrivers, ⊕1, ⊕2, ⊕2, ⊕3
- Ergonomic BALL GRIP for anti-fatigue and various way of driving
- (Purple grip) Tang-Thru Screwdriver to strike by a hammer
- (Ratchet model) Functionally enhanced BALL GRIP with 36-teeth gear ratchet for smooth driving by simple repeated finger or wrist movement
- (Ratchet Model) Useable as a stubby ratchet by popping off the blade and inserting 1/4" Hex insert bits



Model No. Set Contents

2304JSPB	No.230 BALL GRIP™ Screwdriver ⊕1×75, 2×100 No.2200 BALL RATCHET™ Screwdriver ⊕2×150, 3×150
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MEGADORA™ JISDRIVE Screwdriver 6PC. Set

- INCLUDES 6PCS JISDRIVE Screwdrivers, ⊕0, ⊕1, ⊕1, ⊕2, ⊕2, ⊕3
- (Green Grip) Useful knurled blade for quick and slip-less driving
- (Red Grip) Forged hexagonal bolster for additional wrenching
- (Silver Grip) Blade turns 12° counterclockwise and loosens stuck screws when striking with a hammer
- (Red&Green Grip) JAWSFIT JISDRIVE tip that firmly grips screws
- Made in Japan by VESSEL



Model No. Set Contents

9806JSPB	No.910 MEGADORA™ Thin Shank Screwdriver ⊕0×75 No.900 MEGADORA™ Screwdriver ⊕1×75 No.930 MEGADORA™ Tang-Thru Screwdriver ⊕1×75, 2×100 No.980 MEGADORA IMPACTA™ Impact Driven Screwdriver ⊕2×150, 3×150
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SUPER CUSHION™ JISDRIVE Screwdriver 4PC. Set

- INCLUDES 4PCS JISDRIVE Screwdrivers, ⊕1, ⊕2, ⊕2, ⊕3
- Combining Cushion and Gel material to have Maximum Comfort Grip that fits into your palm
- Secure Gripping by its Flexy material enables Max Torque Output
- Made in Japan by VESSEL

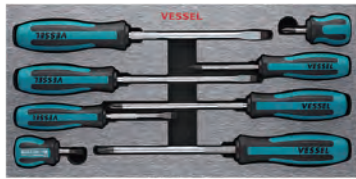


Model No. Set Contents

7304JSPB	No.700 SUPER CUSHION™ Screwdriver ⊕1×75, 2×100 No.730 SUPER CUSHION™ Tang-Thru Screwdriver ⊕2×150, 3×150
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Screwdriver Sets

MEGADORA™ JAWSFIT® Screwdriver 8PC. Set



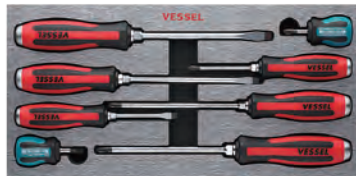
Model No.	Set Contents	Code
9008EVA	No.900 MEGADORA™ Screwdriver ⊖ SL5.5×75, SL6×150, SL8×150 ⊕ 1×75, 2×150, 3×150 No.920 MEGADORA™ Stubby Screwdriver ⊖ SL6×25, ⊕ 2×25	121587

MEGADORA™ Screwdriver 6PC. Set



Model No.	Set Contents	Code
9006PB	No.900 MEGADORA™ Screwdriver ⊖ SL5.5×75, SL6×100, SL8×150 ⊕ 1×75, 2×100, 3×150	122500

MEGADORA™ JAWSFIT® Tang-Thru Screwdriver 8PC. Set



Model No.	Set Contents	Code
9308EVA	No.930 MEGADORA™ Tang-Thru Screwdriver ⊖ SL5.5×75, SL6×150, SL8×150 ⊕ 1×75, 2×150, 3×150 No.920 MEGADORA™ Stubby Screwdriver ⊖ SL6×25 ⊕ 2×25	121588

MEGADORA™ Insulated Screwdriver 6PC. Set



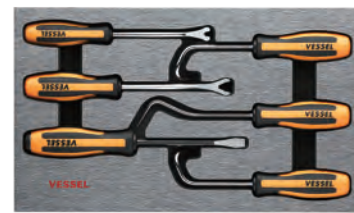
Model No.	Set Contents	Code
9606EVA	No.960 MEGADORA™ Insulated Screwdriver ⊖ SL5×75, SL6×100, SL8×150 ⊕ 1×75, 2×100, 3×150	150906

MEGADORA IMPACTA™ Assorted Screwdriver 8PC. Set



Model No.	Set Contents	Code
980MIXEVA	No.980 MEGADORA IMPACTA™ Screwdriver ⊕ 2×100, 2×150, 3×150 No.900 MEGADORA™ Screwdriver ⊖ SL8×150, ⊕ 1×75 No.930 MEGADORA™ Tang-Thru Screwdriver ⊖ SL5.5×75 No.920 MEGADORA™ Stubby Screwdriver ⊖ SL6×25, ⊕ 2×25	121589

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



Model No.	Set Contents	Code
9706EVA	No.970 MEGADORA™ Chisel-Type Screwdriver 9.5×120 No.970 MEGADORA™ Clip Remover CR6×110, CR7·12×120 No.970 MEGADORA™ Hose Remover HRS×130, HRR×89, HRL×89	121598

- e-ASSIST® Screwdrivers
- IMPACT & OUT™
- MEGADORA™ Screwdrivers
- BALL GRIP™ Screwdrivers
- Cushion Grip Screwdrivers
- WOOD-COMPO™ Series
- Precision Screwdrivers
- 2WAY Series
- Functional Screwdrivers
- Impact Drivers
- Screwdriver Sets
- "L-KEY" Wrenches
- Other Hand Tools
- IMPACT BALL™
- NECK TORSION™
- DRY WALLER™
- Counter Display
- Chisel-Type Accessories
- Screwdriver
- For Branding
- Insert Bits
- Power Bits
- Power Bits/ Mag Catcher
- Double-Ended Power Bits
- Nut Setters
- Bit Holder
- Precision Bits

Screwdriver Sets

MEGADORA IMPACTA™ Screwdriver 2PC. Set



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

MEGADORA™ Clip Remover 2PC. Set



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

MEGADORA™ Hose Remover 3PC. Set



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

BALL RATCHET™ Screwdriver 5PC. Set



Model No.	Set Contents	Code
22005EVA	No.2200 Ball Ratchet™ Screwdriver ⊖ SL6x100, SL6x150 ⊕ 2x100, 2x150, 3x150	121590

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



Model No.	Set Contents	Code
22002N3EVA	No.2200 Ball Ratchet™ Screwdriver ⊖ SL6x100 ⊕ 2x100 No.2200B Replacement Blade ⊖ SL6x150, ⊕ 2x150, 3x150	121591

BALL GRIP™ Screwdriver 4PC. Set



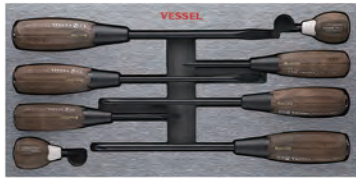
Model No.	Set Contents	Code
2204PBU	No.220 BALL GRIP™ Screwdriver ⊖ SL5.5x75, SL6x100 ⊕ 1x75, 2x100	152720

BALL GRIP™ Insulated Screwdriver 5PC. Set



Model No.	Set Contents	Code
2005PBU	No.200 BALL GRIP™ Insulated Screwdriver ⊖ SL5x75, SL6x100 ⊕ 1x75, 2x100, 3x150	121590

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



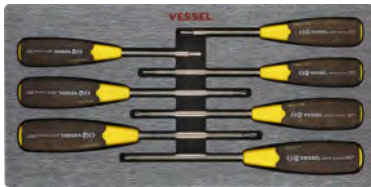
Model No.	Set Contents	Code
3308EVA	No.330 WOOD-COMPO™ Tang-Thru Screwdriver ⊖SL5.5×75, SL6×150, SL8×150 ⊕1×75, 2×150, 3×150 No.320 WOOD-COMPO™ Stubby Screwdriver ⊖SL6×15, ⊕2×15	150902

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



Model No.	Set Contents	Code
3006CS	No.300 WOOD-COMPO™ Screwdriver ⊖SL5.5×75, SL6×100, SL8×150 ⊕1×75, 2×100, 3×150	150901

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



Model No.	Set Contents	Code
3407EVA	No.340 WOOD-COMPO™ Tamper-proof Torx Screwdriver ⊕T10×120H, T15H×120, T20H×120, T25H×120 T27H×120, T30H×120, T40H×120	150903

ARMOR GRIP™ Screwdriver 8PC. Set



Model No.	Set Contents
550A8PTU	No.550 ARMOR GRIP™ Screwdriver ⊖SL5.5×75, SL6×100, SL8×150, SL6×25.4 ⊕1×75, 2×100, 3×150, 2×25.4

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



Model No.	Set Contents	Code
3808EVA	No.380 WOOD-COMPO™ Hex Nut Driver ○A/F 5×125, A/F 5.5×125, A/F 7×125, A/F 8×125 A/F 10×125, A/F12×125, A/F13×125, A/F 14×125	150904

ARMOR GRIP™ Screwdriver 4PC. Set



Model No.	Set Contents
550APH4PBU	No.550 ARMOR GRIP™ Screwdriver ⊕0×75, 1×75, 2×150, 3×150

e-ASSIST®
Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

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Series

Precision
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2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

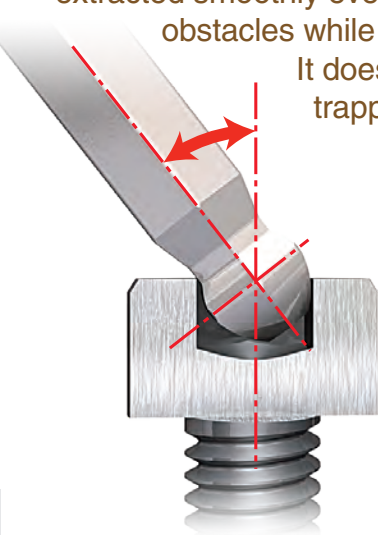
Precision Bits

"L-KEY" Wrenches

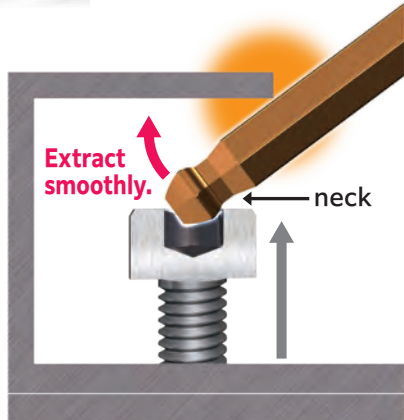
VESSEL's Advanced Technology

The ball point tip-end is designed to be extracted smoothly even if it contacts with obstacles while tightening screws.

It does not get caught or trapped in the hexagon screw head.

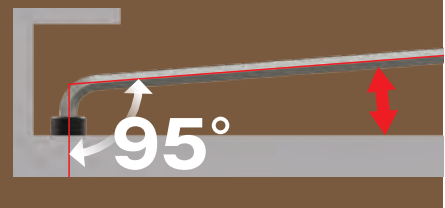


Max
38°
Tilting
Angle
(Designed value)



Stubby

L-shape angle 95°
for easy handling.
The arm length
is half of the
standard arm size.



Ball Point Wrench Stubby (Short Type) 9PC. Set

- Stubby ideal for cramped space
- L-shape angle 95° for easy handling



Model No.	Set Contents	Code
8209BPSU	Ball Point Wrench Stubby (Short Type) ● 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm Holder	Carded 143878

Ball Point Wrench Stubby 9PC. Set

- Stubby ideal for cramped space
- L-shape angle 95° for easy handling



Model No.	Set Contents	Code
8209BPU	Ball Point Wrench Stubby ● 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm Holder	Carded 143879

Ball Point Wrench Stubby (Long Type) 9PC. Set

- Stubby ideal for cramped space
- L-shape angle 95° for easy handling



Model No.	Set Contents	Code
8209BPLU	Ball Point Wrench Stubby (Long Type) ● 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm Holder	Carded 143880

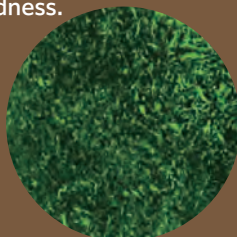
Resistant to twist and breaking
Extra Superalloy

Made in Japan

VESSEL's Unique Steel Material

- Wear resistant material hardness.
- Rust resistant.
- Fully hardened.
- Magnetized.

Special alloy material also used in VESSEL's bits for impact screwdrivers. Special Heat treatment reveals superior material characteristics.



Ball Point Wrench 9PC. Set



Model No.	Set Contents	Code
8309BPU	Ball Point Wrench ●1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm Holder	Carded 143881

Ball Point Wrench (Long Type) 9PC. Set



Model No.	Set Contents	Code
8309BPLU	Ball Point Wrench (Long Type) ●1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm Holder	Carded 143882

Extra Long

Ball point can reach deep spaces.
Also, it is possible to apply force on the arm end.



Ball Point Wrench (Extra Long Type) 9PC. Set



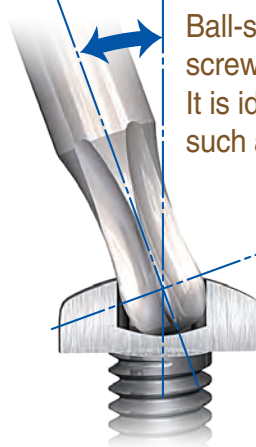
Model No.	Set Contents	Code
8309BPXLU	Ball Point Wrench (Extra Long Type) ●1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm Holder	Carded 143883

Ball Point Wrench (Long Type) (Inch) 9PC. Set



Model No.	Set Contents	Code
8309BPLINU	Ball Point Wrench (Long Type) (Inch) ●1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8 inch Holder	Carded 143884

Quick Tightening at tilted angle



Ball-shaped TORX wrench can tighten screws quickly even at a tilted angle. It is ideal for work in a cramped space such as automotive maintenance.

Max Tilting Angle 25°
(Designed value)

Ball End TORX Wrench 9PC. Set



Model No.	Set Contents	Code
8509BTXU	Ball End TORX Wrench ●T8, T9, T10, T15, T20, T25, T27, T30, T40 mm Holder	Carded 143885

Tamper-proof TORX® system

Tamper-proof TORX screw has a protrusion in the center of the screw recess that cannot be tightened or loosened with a standard TORX screwdriver.

*Not applicable for non-standard TORX screws

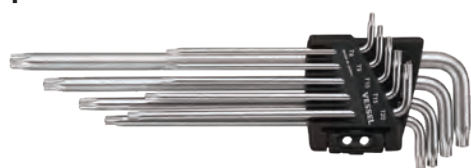


TORX®

Tip-end processing based on TORX standards.
Corresponds to various screws.



Tamper-proof TORX Wrench 9PC. Set



Model No.	Set Contents	Code
8509TXHU	Tamper-proof TORX Wrench ●T8H, T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H mm Holder	Carded 143886

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Precision
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2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

Other Hand Tools

Ratchet Rivet Gun

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

JPN Package






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

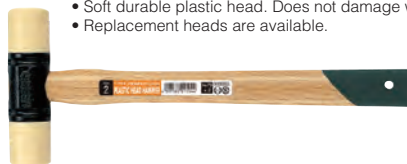
JPN Package



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

Plastic Head Hammer

- Soft durable plastic head. Does not damage workpieces.
- Replacement heads are available.



Model No.	Size	Length	Head Diameter	Head Length (mm)	Code
H7014	1/4	280	19.5	66.5	142001
H7012	1/2	280	25	82	142002
H7010	1	295	31.3	108	142003
H70112	1 1/2	325	37.6	125.5	142004
H7020	2	350	45.4	139	142005

Handles are not separately sold.

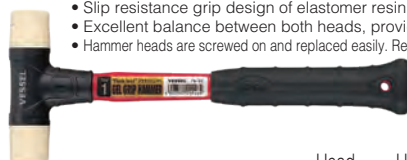
Replacement head for No.70

JPN Package

Model No.	Set Contents	Inner Ctn.	Package size (mm)	Code
RH7014	1/4	20	85×102×20	142011
RH7012	1/2	20	110×132×27	142012
RH7010	1	20	130×155×35	142013
RH70112	1 1/2	20	80×185×42	142014
RH7020	2	20	100×225×48	142015

Gel Grip Hammer (Plastic Head)

- Gel resin grip drastically absorbs the shocks by hammer blows to your palm. Alleviates the strain on your wrist.
- Slip resistance grip design of elastomer resin.
- Excellent balance between both heads, providing a firm hammering feel.
- Hammer heads are screwed on and replaced easily. Replacement head is available as option.



Model No.	Size	Length	Head Diameter	Head Length (mm)	Weight (g)	Code
H7610	1	315	32	120	430	142082

Replacement Head for No.76 (Plastic Head)

JPN Package

Model No.	Set Contents	Inner Ctn.	Package size (mm)	Code
RH7610	1Lb	20	130×155×35	142131

※Useable for: Gel Grip Hammer No.76-10 No.77-10
Plastic Head Hammer No.70-1

Gel Grip Hammer (Rubber/Plastic Head)

- Gel resin grip drastically absorbs the shocks by hammer blows to your palm. Alleviates the strain on your wrist.
- Slip resistance grip design of elastomer resin.
- Excellent balance between both heads, ensuring firm feeling of hammering.
- Hammer heads are screwed on and replaced easily. Replacement head is available as option.
- Rubber head is of light gray color, which does not cause color staining to the object.



Model No.	Size	Length	Head Diameter	Head Length (mm)	Weight (g)	Code
H7710	1	315	32	120	430	142091

Replacement Head for No.77 (Rubber Head)

JPN Package

Model No.	Set Contents	Inner Ctn.	Package size (mm)	Code
RH7710	1Lb	20	130×155×35	142121

※Useable for: Gel Grip Hammer No.77-10
Cannot be used for plastic hammer No.70-1.

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.

Wire Stripper

- Lightweight (100g), compact handy type.
- Diamond finely polished blade for precision stripping.
- AWG-mm-mil conversion table on the grip.



Model No.	Color	Overall length (mm)	Weight (g)	Code
WS3500E1E	Red	155	100	141036
WS3500E2E	Yellow	155	100	141037

Wire Stripper

- True circle shape. No damage on wires.
- Different colors adopted for instant awareness of holding position.
- Thread cutters for small screws or bolts.
- Anti-drop cord can be attached.
- AWG-mm-mm2 conversion table on the cushion grip.

JPN Package



Model No.	Color	Overall length (mm)	Weight (g)	Code
WS3500E3	Red / Black	163	107	141013
WS3500E4	Yellow / Black	163	107	141014

WS3500E1E	AWG	12	14	16	18	20	22	24
	Solid wire (mm)	2.0	1.6	1.3	1.0	0.8	0.65	0.5
WS3500E3E	Stranded wire (mm ²)	3.3	2.0	1.3	0.8	0.5	0.3	0.2
	AWG	18	20	22	24	26	28	30
WS3500E2E	Solid wire (mm)	1.0	0.8	0.65	0.5	0.4	0.3	0.25
	Stranded wire (mm ²)	0.8	0.5	0.3	0.2	0.13	0.08	0.05

* Some Teflon wires are not suitable.

Wire Stripper

- Nimble and cleanly strips off sheathing in a single operation.
- Can be used with wiring for TV, radio, home appliances, electrical work, automotive circuits, telephones, etc.
- Comes with a strip gauge.

JPN Package



Model No.	Wire diameter and nominal sectional area	Handle color	Overall length (mm)	Weight (g)	Code
WS3000A	For solid wire 0.5/1.2/1.6/2.0mm	Green	170	350	141001
WS3000B	For solid wire 1.0/1.6/2.0/2.6/3.2mm	Red	170	350	141002
WS3000C	For stranded wire 0.9/1.25/2.0/3.5/5.5mm ²	Black	170	350	141000

Wire Stripper Blade

JPN Package

Model No.	Applicable wire stripper	Wire diameter and nominal sectional area	Code
WB001	WS3000A	For solid wire	141071
WB002	WS3000B	For solid wire	141072
WB003	WS3000C	For stranded wire	141073

Adjustable Electrician Knife (Stainless steel)

- Rust-resistant stainless steel blade (DAK-2)
- Blade length can be adjusted to suit actual work (0 to 63 mm/slide pitch 5 mm).
- Safe because the blade can be stored, and compact when carrying or storing.
- Self-locking slide. The dial on the backside prevents the blade from rattling.
- The blade is replaceable. The blade is removable for sharpening.
- The elastomer body prevents slipping and ensures a firm grip.
- Equipped with a slit blade for easy vertical splitting of VVF (VA wire) sheath.
- Comes with an anti-drop lanyard attachment hole.

JPN Package



Model No.	Material (Blade)	Overall length (mm)	Weight (g)	Code
DAK2	Stainless	171	121	252107

Replaceable Blade for Adjustable Electrician Knife (Stainless steel)

- Dedicated blade for Adjustable Electrician Knife.
- Replacement blade for stainless steel blade (DAK-2).

JPN Package



Model No.	Material (Blade)	Overall length (mm)	Weight (g)	Code
DAKB2	Stainless	94	25	252122

Holder for Adjustable Electrician Knife

- Can store 1pc of Electrician Knife and additional 2pcs of other tools like a pair of pliers.
- Wide opening enables both smooth storage and retrieval.
- Dedicated shape that securely holds the Adjustable Electrician Knife
- Comes with a D-ring to attach an anti-drop lanyard, carabiner, and so on.
- Belt loop supporting the belt width 60mm max.

JPN Package



Model No.	Body size (mm)	Package size (mm)	Weight (g)	Code
TPK30	280×91×89	345×108×91	153	252125

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Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

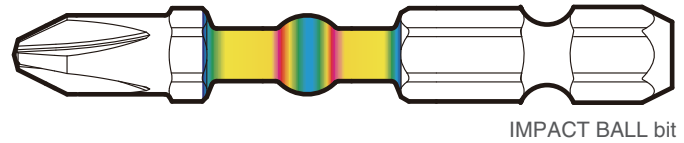


What is IMPACT BALL?

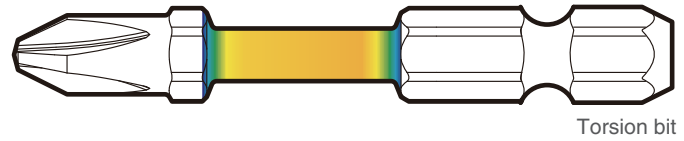
IMPACT BALL bits are designed to absorb impact not only in the standard torsion zone (shown as yellow), but also at the joint of the sphere and shaft. (shown as red).

In other words, this dual absorbing function can minimize impact on the tips.

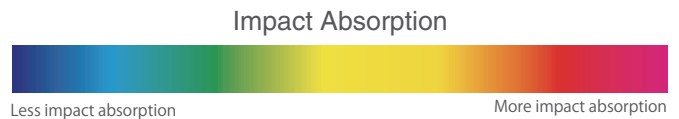
The red part suppresses excessive impact and vibration during tightening. The yellow part also absorbs excessive impact during screw seating.



IMPACT BALL bit



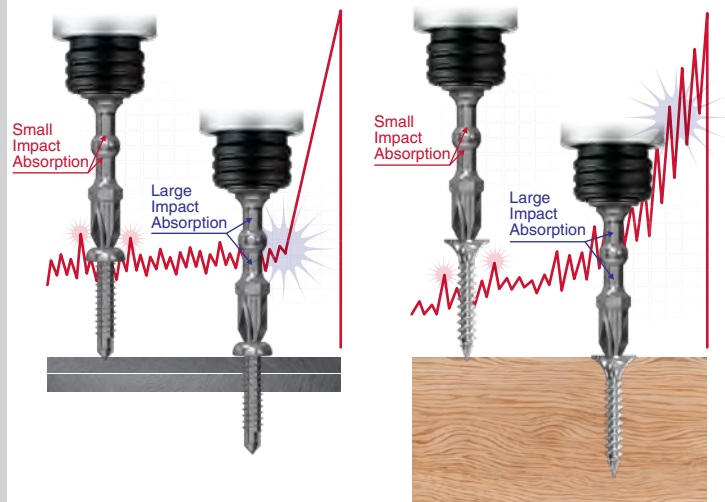
Torsion bit



Why spherical?

Our evaluation tests have shown that the round-shaped joint has 40% to 80% more impact-suppressing effect than the standard flat shape. With this in mind, VESSEL has come up with a spherical design like a powerful "flexing bicep" for the new torsion bit.

It has succeeded in dramatically improving protection performance of the tip-end, compared to a standard torsion bit.



Dual impact-absorbing function

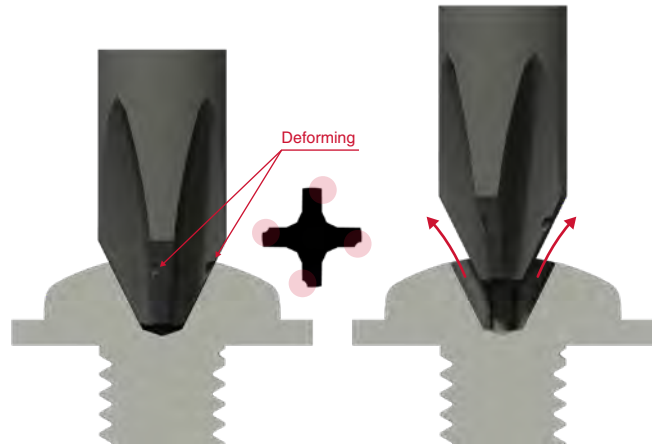


In 1961, VESSEL launched the world's first double-ended bit. Later, in 1997, in response to the development competition among power tool manufacturers seeking higher torque, VESSEL developed a plate-shaped torsion bit, followed by a cylindrical cross section bit in 1998 to further improve performance. In this way, VESSEL has established a dominant position in Japan as a pioneer in bit manufacturing.



This is the Key Point!

Tip breakage occurs at the wings where they contact screws. The more screws are tightened, the wings become loaded, get deformed, start cam-ing out and the wings can become broken at the end. Therefore, it is important to minimize impact and vibration damage as much as possible.





Competitive Advantages!

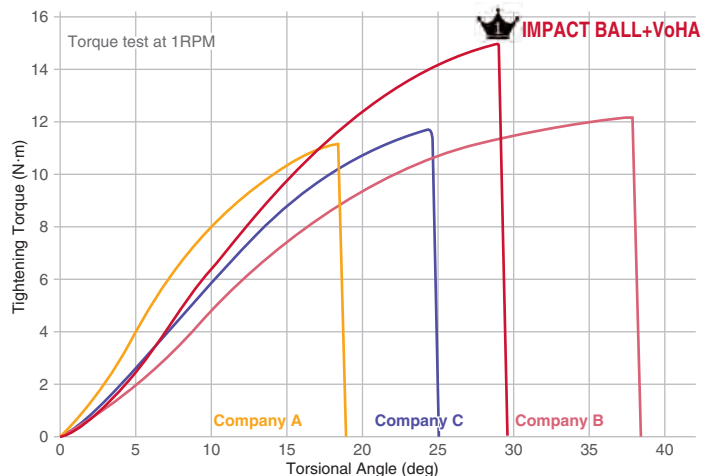
We developed an original steel for bits that combines hardness and toughness, called VoHA steel (VESSEL Outstanding High- Performance Alloy). This steel provides much greater durability in addition to dual impact- absorbing function.

VoHA has the highest hardness of 62HRC which can be seen with its outstanding durability.

Therefore, without difficulty, it can tighten even high-impact screws such as self-drilling tapping screws or drilling screws used at construction sites.



Comparative data	Hardness	Toughness	Number of Screws Tightened	
				
IMPACT BALL+VoHA	62HRC	14.96N·m	38	25
Company A	58.6HRC	12.39N·m	1	6
Company B	57.7HRC	12.12N·m	4	3
Company C	59.3HRC	11.64N·m	12	13



IMPACT BALL™ Screwdriver Bit

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

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NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

IMPACT BALL™ Torsion Bit 52 PC. Set

- 52PC IMPACT BALL Torsion Bits in hard case
- High Durability by shock absorption at Ball Torsion part.
- Using New Alloy Steel "VoHA" (VESSEL Outstanding High-Performance Alloy) Highest Hardness 62 HRC



Model No.	Set Contents	mm	inch	Code
IB52P01U	<ul style="list-style-type: none"> ⊕ 00(1), 0(1), 1(1), 2(1), 3(1) ⊕ PZ1(1), PZ2(1), PZ3(1) ⊖ SL4(1), SL6(1), SL8(1) ■ SQ1(1), SQ2(1), SQ3(1) ⊛ T4(1), T5(1), T6(1), T7(1), T8(1), T9H(1), T10H(1), T15H(1), T20H(1), T25H(1), T27H(1), T30H(1), T40H(1) ● H2(1), H2.5(1), H3(1), H4(1), H5(1), H6(1), H8(1), H10(1), H3/32"(1), H7/64"(1), H1/8"(1), H9/64"(1), H5/32"(1), H3/16"(1), H7/32"(1), H1/4"(1), H5/16"(1), H3/8"(1) Magnetic Nut Setter 1/4"(1), 5/16"(1), 3/8"(1) Socket Adapter 1/4"(1), 3/8"(1), 1/2"(1) MAG ENHANCER	50	2"	487045

IMPACT BALL™ Torsion Bit 10+1 PC. Set in POP-UP CASE

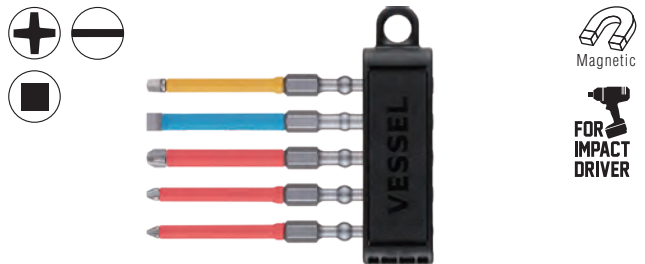
- High Durability by shock absorption at Ball Torsion part.
- Using New Alloy Steel "VoHA" (VESSEL Outstanding High-Performance Alloy) Highest Hardness 62 HRC



Model No.	Set Contents	mm	inch	Code
IB11P02U	<ul style="list-style-type: none"> ⊕ 1(1), 2(1), 3(1) ⊖ SL6(1) ■ SQ2(1) ⊛ T10(1), T15(1), T20(1), T25(1), T30(1) Magnet Bit Holder 50mm	30	1 3/16"	426114

IMPACT BALL™ Bit with Coated Tube 5PC. Set

- The tube covers the bit up to the tip-end and will not damage other workpieces during work.
- The tube prevents short-circuits caused by contact with terminals.
- The thin shank enables the bit to reach the screw in cramped spaces and deep narrow holes.



Model No.	Set Contents	mm	inch	Code
IBC5P01	<ul style="list-style-type: none"> ⊕ 1(1), 2(1), 3(1) ■ SQ2(1), ⊖ SL6(1) 	90	3 1/2"	Carded 487083

IMPACT BALL™ Bit with Coated Tube 2PC. Set

- The tube covers the bit up to the tip-end and will not damage other workpieces during work.
- The tube prevents short-circuits caused by contact with terminals.
- The thin shank enables the bit to reach the screw in cramped spaces and deep narrow holes.



Model No.	Set Contents	mm	inch	Code
IBC2P01	<ul style="list-style-type: none"> ⊕ 2(1), ⊖ SL6(1) 	90	3 1/2"	Carded 487084



MEGADORA™
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BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits



Power Bits/
Mag Catcher



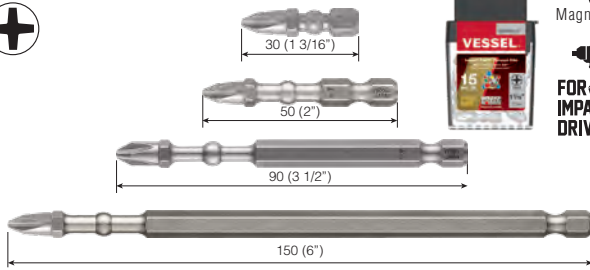
Double-Ended
Power Bits

Nut Setters

Bit Holder

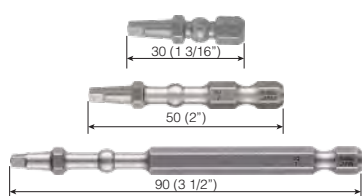
Precision Bits

IMPACT BALL™ Torsion Bit



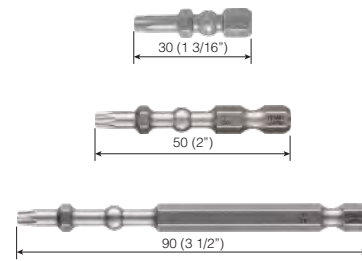
Model No.		mm	inch	Pack QTY		Code
IBPH130P2	+	1	30	1 3/16"	2	Carded 426030
IBPH130P25K		1	30	1 3/16"	25	Bulk 426083
IBPH150P2		1	50	2"	2	Carded 487051
IBPH150P25K		1	50	2"	25	Bulk 426065
IBPH230P2		2	30	1 3/16"	2	Carded 426031
IBPH230P5		2	30	1 3/16"	5	Carded 426033
IBPH230P15T		2	30	1 3/16"	15	TicTac 426102
IBPH230P25K		2	30	1 3/16"	25	Bulk 426066
IBPH250P2		2	50	2"	2	Carded 487052
IBPH250P5		2	50	2"	5	Carded 487053
IBMGEPH250P10T		2	50	2"	10	TicTac 487074
IBPH250P15T		2	50	2"	15	TicTac 426593
IBPH250P25K		2	50	2"	25	Bulk 426084
IBPH275P2		2	75	3"	2	Carded 487054
IBPH290P2		2	90	3 1/2"	2	Carded 487055
IBPH290P10K		2	90	3 1/2"	10	Bulk 426086
IBPH2150P1		2	150	6"	1	Carded 487056
IBPH2150P10K		2	150	6"	10	Bulk 426087
IBPH330P2		3	30	1 3/16"	2	Carded 426032
IBPH330P25K		3	30	1 3/16"	25	Bulk 426067
IBPH350P2		3	50	2"	2	Carded 487057
IBPH350P25K		3	50	2"	25	Bulk 426085

IMPACT BALL™ Torsion Bit



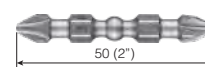
Model No.		mm	inch	Pack QTY		Code
IBSQ130P2	■ SQ1	1	30	1 3/16"	2	Carded 426037
IBSQ130P25K		1	30	1 3/16"	25	Bulk 426071
IBSQ150P2		1	50	2"	2	Carded 487058
IBSQ230P2		2	30	1 3/16"	2	Carded 426038
IBSQ230P25K		2	30	1 3/16"	25	Bulk 426072
IBSQ250P2		2	50	2"	2	Carded 487059
IBSQ250P25K		2	50	2"	25	Bulk 426088
IBSQ290P2		2	90	3 1/2"	2	Carded 487060
IBSQ290P10K		2	90	3 1/2"	10	Bulk 426089
IBSQ330P2		3	30	1 3/16"	2	Carded 426039
IBSQ330P25K		3	30	1 3/16"	25	Bulk 426073
IBSQ350P2		3	50	2"	2	Carded 487061

IMPACT BALL™ Torsion Bit



Model No.		mm	inch	Pack QTY		Code
IBTX1030P2	★ T10	1	30	1 3/16"	2	Carded 487062
IBTX1030P25K		1	30	1 3/16"	25	Bulk 426090
IBTX1050P2		1	50	2"	2	Carded 487063
IBTX1050P25K		1	50	2"	25	Bulk 426092
IBTX1530P2		2	30	1 3/16"	2	Carded 426034
IBTX1530P25K		2	30	1 3/16"	25	Bulk 426068
IBTX1550P2		2	50	2"	2	Carded 487064
IBTX1550P25K		2	50	2"	25	Bulk 426093
IBTX2030P2		2	30	1 3/16"	2	Carded 426036
IBTX2030P25K		2	30	1 3/16"	25	Bulk 426069
IBTX2050P2		2	50	2"	2	Carded 487065
IBTX2050P25K		2	50	2"	25	Bulk 426094
IBTX2090P2		2	90	3 1/2"	2	Carded 487066
IBTX2090P10K		2	90	3 1/2"	10	Bulk 426097
IBTX2530P2		2	30	1 3/16"	2	Carded 426035
IBTX2530P25K		2	30	1 3/16"	25	Bulk 426070
IBTX2550P2		2	50	2"	2	Carded 487067
IBTX2550P25K		2	50	2"	25	Bulk 426095
IBTX2590P2		2	90	3 1/2"	2	Carded 487068
IBTX2590P10K		2	90	3 1/2"	10	Bulk 426098
IBTX2730P2		2	30	1 3/16"	2	Carded 487069
IBTX2750P2		2	50	2"	2	Carded 487070
IBTX3030P2		2	30	1 3/16"	2	Carded 487071
IBTX3030P25K		2	30	1 3/16"	25	Bulk 426091
IBTX3050P2		2	50	2"	2	Carded 487072
IBTX3050P25K		2	50	2"	25	Bulk 426096
IBTX3090P2		2	90	3 1/2"	2	Carded 487073

IMPACT BALL™ Torsion Double Ended Bit



Model No.		mm	inch	Pack QTY		Code
IBDEPH150P2	+	1	50	2"	2	Carded 487075
IBDEPH250P2		2	50	2"	2	Carded 487076
IBDEPH250P5		2	50	2"	5	Carded 487078
IBDEPH350P2		3	50	2"	2	Carded 487077

IMPACT BALL™ Screwdriver Bit

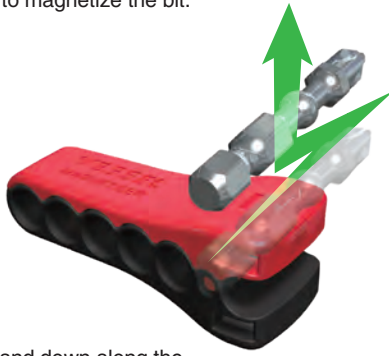
Mag Charge!

Easy Magnetizing and Demagnetizing by friction.



+Magnetize

Insert the bit into the groove of the bit clip and pull it down to magnetize the bit.



-Demagnetize

Move the bit up and down along the side of the groove and pull it away to demagnetize the bit.

IMPACT BALL™ Torsion Bit with Mag Charge Holder



Model No.		mm	inch	Code
IBMG30K002	★T10(1), T15(1), T20(1), T25(1), T30(1)	30	1 3/16" Wrapped	426076
IBMG30K002HG	★T10(1), T15(1), T20(1), T25(1), T30(1)	30	1 3/16" Carded	-

IMPACT BALL™ Torsion Bit with Mag Charge Holder



Model No.		mm	inch	Code
IBMG50PH2K5	⊕2(5)	50	2" Wrapped	426077
IBMG50PH2K5HG	⊕2(5)	50	2" Carded	-

IMPACT BALL™ Torsion Bit with Mag Charge Holder



Model No.		mm	inch	Code
IBMG30PH2K5	⊕2(5)	30	1 3/16" Wrapped	426074
IBMG30PH2K5HG	⊕2(5)	30	1 3/16" Carded	-

IMPACT BALL™ Torsion Bit with Mag Charge Holder



Model No.		mm	inch	Code
IBMG50K001	⊕ 1(1), 2(3), 3(1)	50	2" Wrapped	426078
IBMG50K001HG	⊕ 1(1), 2(3), 3(1)	50	2" Carded	-

IMPACT BALL™ Torsion Bit with Mag Charge Holder



Model No.		mm	inch	Code
IBMG30K001	⊕ 1(1), 2(1), 3(1) ■ SQ2(1), SQ3(1)	30	1 3/16" Wrapped	426075
IBMG30K001HG	⊕ 1(1), 2(1), 3(1) ■ SQ2(1), SQ3(1)	30	1 3/16" Carded	-

IMPACT BALL™ Torsion Bit with Mag Charge Holder



Model No.		mm	inch	Code
IBMG50K002	★T10(1), T15(1), T20(1), T25(1), T30(1)	50	2" Wrapped	426079
IBMG50K002HG	★T10(1), T15(1), T20(1), T25(1), T30(1)	50	2" Carded	-

IMPACT BALL™ Torsion Bit with Mag Charge Holder



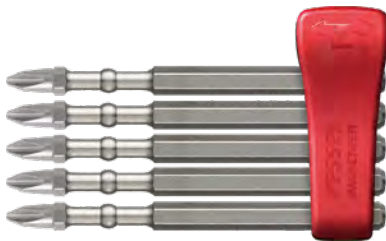
Model No.		mm	inch		Code
IBMG50K003	⊕2(2), ◻SQ2(1)	50	2"	Wrapped	426080
	⚙T20(1), T25(1)				
IBMG50K003HG	⊕2(2), ◻SQ2(1)	50	2"	Carded	-
	⚙T20(1), T25(1)				

IMPACT BALL™ Torsion Bit with Mag Charge Holder



Model No.		mm	inch		Code
IBMG90K003	⊕2(1), 3(1)	90	3 1/2"	Carded	426123
	◻SQ1(1), SQ2(1), SQ3(1)				

IMPACT BALL™ Torsion Bit with Mag Charge Holder



Model No.		mm	inch		Code
IBMG90PH2K5	⊕2(5)	50	2"	Wrapped	426081
	IBMG90PH2K5HG				
IBMG90PH2K5HG	⊕2(5)	50	2"	Carded	-

IMPACT BALL™ Torsion Bit with Mag Charge Holder



Model No.		mm	inch		Code
IBMG150PH2K5	⊕2(5)	150	6"	Wrapped	426082
	IBMG150PH2K5HG				
IBMG150PH2K5HG	⊕2(5)	150	6"	Carded	-

IMPACT BALL™ Torsion Bit with Mag Charge Holder



Model No.		mm	inch		Code
IBMG90K001	⊕1(1), 2(1), 3(1)	90	3 1/2"	Carded	426121
	⊖SL4(1), SL6(1)				

IMPACT BALL™ Torsion Bit Holder

• Holds bits with a C-ring and a strong magnetic force



Model No.		mm	inch	Pack QTY		Code
IBHBM67P1		67	2 5/8"	1	Hanger	426111
IBHBM67P10K		67	2 5/8"	10	Bulk	426099
IBHBM150P1		150	6"	1	Hanger	426112
IBHBM150P10K		150	6"	10	Bulk	426100
IBHBM300P1		300	12"	1	Hanger	426113
IBHBM300P10K		300	12"	10	Bulk	426101

IMPACT BALL™ Torsion Bit with Mag Charge Holder



Model No.		mm	inch		Code
IBMG90K002	⊕2(1), ⚙T20(1), T25(1),	90	3 1/2"	Carded	426122
	◻SQ2(1), ⊖SL6(1)				

NECK TORSION™ Screwdriver Bit



NECK TORSION™ Insert Bit



Model No.

Code

Model No.	Size	mm	inch	Pack QTY	Code
NTTX10254P25K	T10	25.4	1"	25	Bulk 426045
NTTX15254P3	T15	25.4	1"	3	Carded 426005
NTTX15254P25K	T15	25.4	1"	25	Bulk 426046
NTTX20254P3	T20	25.4	1"	3	Carded 426006
NTTX20254P25K	T20	25.4	1"	25	Bulk 426047
NTTX25254P3	T25	25.4	1"	3	Carded 426007
NTTX25254P25K	T25	25.4	1"	25	Bulk 426048
NTTX30254P25K	T30	25.4	1"	25	Bulk 426049

NECK TORSION™ Power Bit



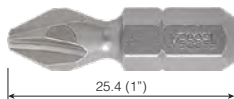
Model No.

mm inch Pack QTY

Code

Model No.	Size	mm	inch	Pack QTY	Code
NTPH150P2	+	1	50 2"	2	Carded 426017
NTPH150P25K		1	50 2"	25	Bulk 426053
NTPH250P2		2	50 2"	2	Carded 426018
NTPH250P5		2	50 2"	5	Carded 426022
NTPH250P25K		2	50 2"	25	Bulk 426054
NTPH275P2		2	75 3"	2	Carded 426019
NTPH275P10K		2	75 3"	10	Bulk 426062
NTPH2150P1		2	150 6"	1	Carded 426020
NTPH2150P10K		2	150 6"	10	Bulk 426063
NTPH350P2		3	50 2"	2	Carded 426021
NTPH350P25K		3	50 2"	25	Bulk 426055

NECK TORSION™ Insert Bit



Model No.	Size	mm	inch	Pack QTY	Code
NTPH1254P3	+	1	25.4 1"	3	Carded 426001
NTPH1254P25K		1	25.4 1"	25	Bulk 426042
NTPH2254P3		2	25.4 1"	3	Carded 426002
NTPH2254P5		2	25.4 1"	5	Carded 426004
NTPH2254P25K		2	25.4 1"	25	Bulk 426043
NTPH2254P25T		2	25.4 1"	25	TicTac 426041
NTPH3254P3		3	25.4 1"	3	Carded 426003
NTPH3254P25K		3	25.4 1"	25	Bulk 426044

NECK TORSION™ Insert Bit



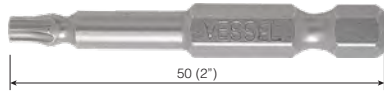
Model No.	Size	mm	inch	Pack QTY	Code
NTSQ1254P3	■ SQ1	25.4	1"	3	Carded 426008
NTSQ1254P25K		SQ1	25.4 1"	25	Bulk 426050
NTSQ2254P3		SQ2	25.4 1"	3	Carded 426009
NTSQ2254P25K		SQ2	25.4 1"	25	Bulk 426051
NTSQ3254P3		SQ3	25.4 1"	3	Carded 426010
NTSQ3254P25K		SQ3	25.4 1"	25	Bulk 426052

NECK TORSION™ Power Bit



Model No.	Size	mm	inch	Pack QTY	Code
NTSQ150P2	■ SQ1	50	2"	2	Carded 426026
NTSQ150P25K		SQ1	50 2"	25	Bulk 426059
NTSQ250P2		SQ2	50 2"	2	Carded 426027
NTSQ250P25K		SQ2	50 2"	25	Bulk 426060
NTSQ350P2		SQ3	50 2"	2	Carded 426028
NTSQ350P25K		SQ3	50 2"	25	Bulk 426061

NECK TORSION™ Power Bit



Model No.

Code

Model No.	Icon	Size	mm	inch	Pack QTY	Color	Code
NTTX1550P2	★	T15	50	2"	2	Carded	426023
NTTX1550P25K		T15	50	2"	25	Bulk	426056
NTTX2050P2		T20	50	2"	2	Carded	426024
NTTX2050P25K		T20	50	2"	25	Bulk	426057
NTTX2550P2		T25	50	2"	2	Carded	426025
NTTX2550P25K		T25	50	2"	25	Bulk	426058

Double-Ended Bit: Invented by VESSEL

2 in 1, Even when one side falls, the other side is drivable.

20x TOUGH™



NECK TORSION™ Double-Ended Power Bit



Model No.

Code

Model No.	Icon	Size	mm	inch	Pack QTY	Color	Code
DEPH1PH150P2	★	1	50	2"	2	Carded	426011
DEPH2PH250P2		2	50	2"	2	Carded	426012
DEPH2PH250P5		2	50	2"	5	Carded	426016
DEPH3PH350P2		3	50	2"	2	Carded	426013

NECK TORSION™ Double-Ended Power Bit



Model No.

Code

Model No.	Icon	Size	mm	inch	Pack QTY	Color	Code
DEPH2SQ250P2	★/■	2/SQ2	50	2"	2	Carded	426015

NECK TORSION™ Double-Ended Power Bit



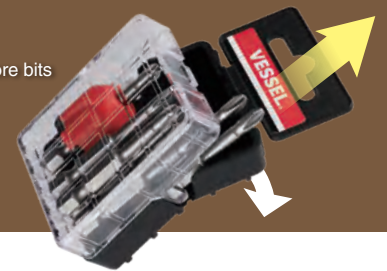
Model No.

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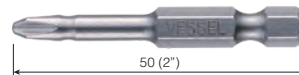
Model No.	Icon	Size	mm	inch	Pack QTY	Color	Code
DEPH2TX2550P2	★/★	2/T25	50	2"	2	Carded	426014

TicTac case

Easy to take out and store bits



NECK TORSION™ Power Bit with MAG ENHANCER™

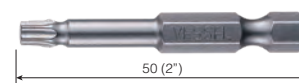


Model No.

Code

Model No.	Icon	Size	mm	inch	Pack QTY	Color	Code
MGEPH250P10T	★	2	50	2"	10	TicTac	426105

NECK TORSION™ Power Bit with MAG ENHANCER™

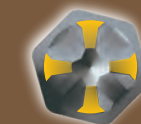


Model No.

Code

Model No.	Icon	Size	mm	inch	Pack QTY	Color	Code
MGETX1550P10T	★	T15	50	2"	10	TicTac	426106
MGETX2050P10T		T20	50	2"	10	TicTac	426107
MGETX2550P10T		T25	50	2"	10	TicTac	426108
MGETX3050P10T		T30	50	2"	10	TicTac	426109
MGETX4050P10T		T40	50	2"	10	TicTac	126110

Reinforced rib tip prevents stripping



REINFORCED RIB TIP



Suitable in narrow spaces with a long reach
Stable fastening with supportive plastic spring

RIB REINFORCED NECK TORSION™ Power Bit



Model No.

Code

Model No.	Icon	Size	mm	inch	Pack QTY	Color	Code
RTPH2150P1	★	2	150	6"	1	Carded	426040
RTPH2150P10K		2	150	6"	10	Bulk	426064

e-ASSIST®
Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

DRYWALLER™ Screwdriver Bit / Counter Display



IMPACT BALL™ Torsion Bit Counter Display (Bulk)



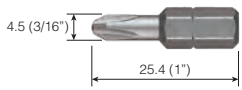
IMPACT BALL™



Displayer Dimensions:
W14.3" (36.3cm) x D15" (38.1cm) x H19" (48.3cm)

No.	Model No.	Description
	IBBULK-DSP	Display For IMPACT BALL™ Bits
1	IBPH130P25K	+1 x 30mm (1 3/16") 25PC. (Bulk)
2	IBPH150P25K	+1 x 50mm (2") 25PC. (Bulk)
3	IBPH230P25K	+2 x 30mm (1 3/16") 25PC. (Bulk)
4	IBPH250P25K	+2 x 50mm (2") 25PC. (Bulk)
5	IBPH290P10K	+2 x 90mm (3 1/2") 10PC. (Bulk)
6	IBPH2150P10K	+2 x 150mm (6") 10PC. (Bulk)
7	IBPH330P25K	+3 x 30mm (1 3/16") 25PC. (Bulk)
8	IBPH350P25K	+3 x 50mm (2") 25PC. (Bulk)
9	IBSQ130P25K	SQ1 x 30mm (1 3/16") 25PC. (Bulk)
10	IBSQ230P25K	SQ2 x 30mm (1 3/16") 25PC. (Bulk)
11	IBSQ250P25K	SQ2 x 50mm (2") 25PC. (Bulk)
12	IBSQ290P10K	SQ2 x 90mm (3 1/2") 10PC. (Bulk)
13	IBTX1050P25K	T10 x 50mm (2") 25PC. (Bulk)
14	IBTX1550P25K	T15 x 50mm (2") 25PC. (Bulk)
15	IBTX2050P25K	T20 x 50mm (2") 25PC. (Bulk)
16	IBTX2090P10K	T20 x 90mm (3 1/2") 10PC. (Bulk)
17	IBTX2530P25K	T25 x 30mm (1 3/16") 25PC. (Bulk)
18	IBTX2550P25K	T25 x 50mm (2") 25PC. (Bulk)
19	IBTX2590P10K	T25 x 90mm (3 1/2") 10PC. (Bulk)
20	IBTX3050P25K	T30 x 50mm (2") 25PC. (Bulk)
21	IBHBM67P10K	Bit Holder H1/4" x 67mm (2 5/8") 10PC. (Bulk)
22	IBHBM150P10K	Bit Holder H1/4" x 150mm (6") 10PC. (Bulk)
23	IBHBM300P10K	Bit Holder H1/4" x 300mm (12") 10PC. (Bulk)

DRYWALLER™ Insert Bit



Model No.		mm	inch	Pack QTY		Code
DWPH1254P3	+	1	25.4	1"	3	Carded 487079
DWPH2254P3		2	25.4	1"	3	Carded 426118
DWPH2254P25K		2	25.4	1"	25	Bulk 426116
DWPH2254P20T		2	25.4	1"	20	TicTac 426119

DRYWALLER™ Power Bit



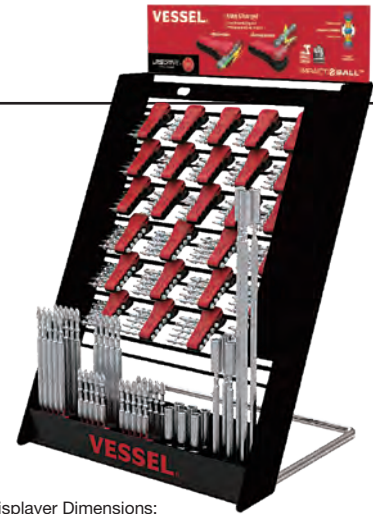
Model No.		mm	inch	Pack QTY		Code
DWPH150P2	+	1	50	2"	2	Carded 487080
DWPH250P2		2	50	2"	2	Carded 487081
DWPH250P15T		2	50	2"	15	TicTac 487082

Counter Display

IMPACT BALL™ Torsion Bit with Mag Charge Holder Counter Display

No.	Model No.	Description
	IBDISPSTND-DSP	DISPLAY FOR IMPACT BALL BITS
1	IBMG30PH2K5	+2 x 30mm (1 3/16") 5PC. (MG Holder)
2	IBMG30K001	+1, +2, +3, SQ2, SQ3 x 30mm (1 3/16") 5PC. (MG Holder)
3	IBMG30K002	T10, T15, T20, T25, T30 x 30mm (1 3/16") x 5PC. (MG Holder)
4	IBMG50PH2K5	+2 x 50mm (2") 5PC. (MG Holder)
5	IBMG50K001	+1, +2, +2, +2, +3 x 50mm (2") x 5PC. (MG Holder)
6	IBMG50K002	T10, T15, T20, T25, T30x 50mm (2") x 5PC. (MG Holder)
7	IBMG90PH2K5	+2 x 90mm (3 1/2") 5PC. (MG Holder)
8	IBMG150PH2K5	+2 x 150mm (6") 5PC. (MG Holder)
9	IBHBM67P10K	Torsion Bit Holder H1/4" x 67mm (2 5/8") 10PC. (Bulk)
10	IBHBM150P10K	Torsion Bit Holder H1/4" x 150mm (6") 10PC. (Bulk)
11	IBHBM300P10K	Torsion Bit Holder H1/4" x 300mm (12") 10PC. (Bulk)

IMPACT BALL™



Displayer Dimensions:
W11.8" (30cm) x D11" (27.8cm) x H18.3" (46.6cm)

IMPACT BALL™ Torsion Bit Tic Tac Case Counter Display

IMPACT BALL™



Displayer Dimensions:
W9"(23cm) x D10.8"(27.5cm) x H7.9"(20cm)

Model No.	Description
IBPH230P15T-DSP	Display Tic Tac For IMPACT BALL™ Bits (IBPH230P15T)
IBPH230P15T	IMPACT BALL™ Torsion Bit +2x30mm (1 3/16") 15PCS. (Case) x 15Packs

Model No.	Description
IBPH250P15T-DSP	Display Tic Tac For IMPACT BALL™ Bits (IBPH250P15T)
IBPH250P15T	IMPACT BALL™ Torsion Bit +2x50mm (2") 15PCS. (Case) x 15Packs

DRYWALLER™ Insert Bit Tic Tac Case Counter Display

DRYWALLER™



Display Dimensions:
W9"(23cm) x D10.8"(27.5cm) x H7.9"(20cm)

Model No.	Description
DWPH2254P20T-DSP	Display Tic Tac For DRYWALLER™ Bits (DWPH2254P20T)
DWPH2254P20T	DRYWALLER Insert Bit +2x25.4mm (1") 20PCS. (Case) x 15Packs

NECK TORSION™ Insert Bit Tic Tac Case Counter Display



Displayer Dimensions:
W9"(23cm) x D10.8"(27.5cm) x H7.9"(20cm)

Model No.	Description
NTPH2254P25T-DSP	Display Tic Tac For NECK TORSION™ Bits (NTPH2254P25T)
NTPH2254P25T	NECK TORSION™ Insert Bit +2x25.4mm (1") 25PCS. (Case) x 15Packs

NECK TORSION™ Power Bit with Mag ENHANCER™ Tic Tac Case Counter Display



Displayer Dimensions:
W9"(23cm) x D10.8"(27.5cm) x H7.9"(20cm)

Model No.	Description
MGEPH250P10T-DSP	Display Tic Tac For NECK TORSION™ Bits with MAG ENHANCER™ (MGEPH250P10T)
MGEPH250P10T	NECK TORSION Power Bit +2x50mm (2") 10PC. with MAG ENHANCER™ (Case) x 15Packs

Model No.	Description
MGETXXX50P10T-DSP	Display Tic Tac For NECK TORSION™ Bits with MAG ENHANCER™ (MGXXX50)

<Mix and Match 15 packs from 5 items below>

MGETX1550P10T	NECK TORSION Power Bit T15x50mm (2") 10PC. with MAG ENHANCER™ (Case)
MGETX2050P10T	NECK TORSION Power Bit T20x50mm (2") 10PC. with MAG ENHANCER™ (Case)
MGETX2550P10T	NECK TORSION Power Bit T25x50mm (2") 10PC. with MAG ENHANCER™ (Case)
MGETX3050P10T	NECK TORSION Power Bit T30x50mm (2") 10PC. with MAG ENHANCER™ (Case)
MGETX4050P10T	NECK TORSION Power Bit T40x50mm (2") 10PC. with MAG ENHANCER™ (Case)

e-ASSIST®
Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRYWALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

Accessories

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

L-KEY
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

Catch screws with strong magnetic force

Magnetized bits get weakened by heat and vibration from work. Attaching Mag Enhancer maintains the magnetic force. Its holding power has 15 times more magnetic force.

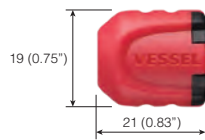
Magnetic Force X15

1/4 inch 6.35mm **1/4 inch** 6.35mm

*Applicable to smaller diameter than 1/4 inch

MAG ENHANCER™

*Applicable to smaller diameter than 1/4 inch



Model No.	mm	inch	Pack QTY	Code
MGEP2	21	13/16"	2	Carded 426103

Magnetize

Insert onto a driver bit.

Demagnetize

Rub a driver bit back and forth on the side. Release the tip last.

Insert the bit, and it can be securely held.

One hand / One push removal design.

Can tighten a screw. (Applicable screw: M4 size or smaller)

BALL GRIP™ Carrying Bit Holder



Model No.	Contents	Pack QTY	Code
QB22RU	Red	1	Carded 486937
QB22GU	Green	1	Carded 486939
QB22VU	Purple	1	Carded 486940
QB22YU	Yellow	1	Carded 486938
QB22KU	Black	1	Carded 487043

For Branding

POP: WING PANEL



DEMO KIT



Size:H24'' x W8''

e-ASSIST®
Screwdrivers

IMPACT & OUT™

MEGADORA™
Screwdrivers

BALL GRIP™
Screwdrivers

Cushion Grip
Screwdrivers

WOOD-COMPO™
Series

Precision
Screwdrivers

2WAY Series

Functional
Screwdrivers

Impact Drivers

Screwdriver
Sets

"L-KEY"
Wrenches

Other
Hand Tools

IMPACT BALL™

NECK TORSION™

DRY WALLER™

Counter Display

Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

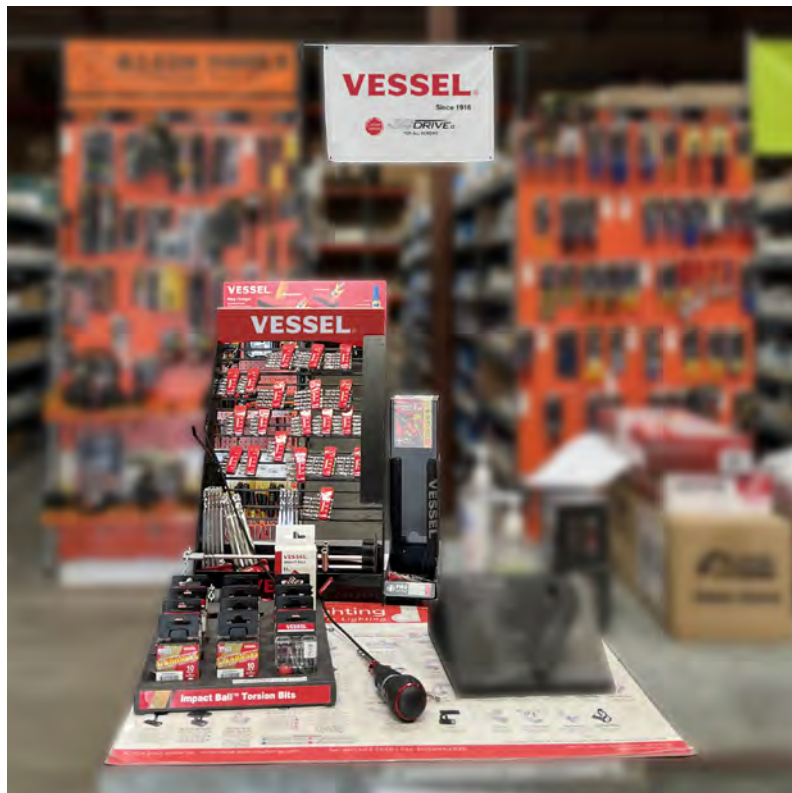
Bit Holder

Precision Bits

BANNER



Size : H2ft × W4ft



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MEGADORA™
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Power Bits

Nut Setters

Bit Holder

Precision Bits

LOGO PANEL



Size L :H15" × W36"
M:H10" × W23"
S :H6" × W14"

FLOOR MAT
w/ Adhesive
also for countertop



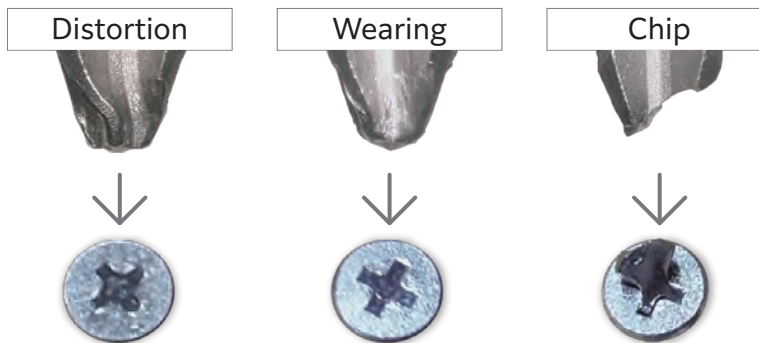
Size : H17.5" × W24"



Selecting Best Bits

Hardness (Heat treatment classification)

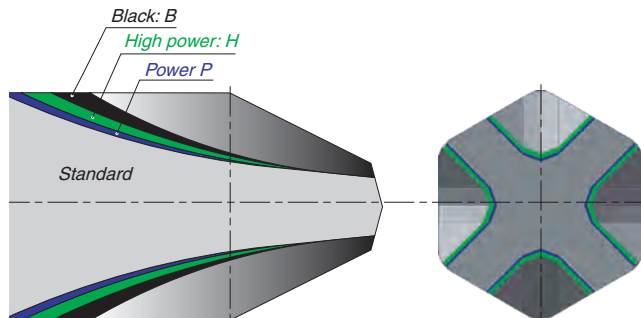
Hardness (Heat treatment classification)	X Possible highest hardness	H High hardness	G Standard hardness	E S Low hardness
Examples of use for screws	Precision small screws, automated machine fitting, collated screws	Wood screws, small screws, tapping screws, self-drilling screws	Tapping screws, small screws	Self-drilling screws, tapping screws, small screws
Industrial use	Precision device assembly, light electrical automated screw tightening, collated screws for housing	Light electric assembly, communication acoustic device assembly, civil engineering and construction work	Automobile and machine assembly, sash frame assembly	Rigid joint, sheet metal assembly, heavy work



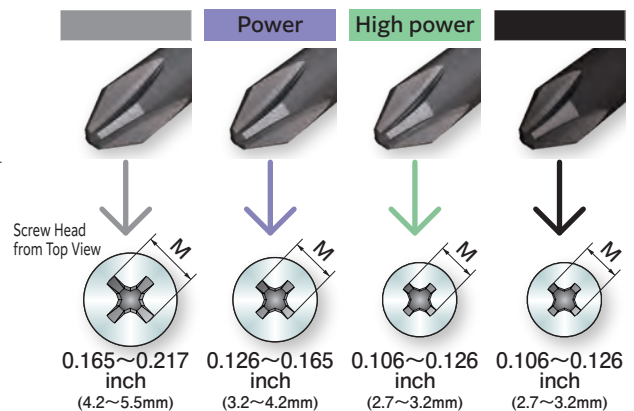
Easy to fracture when a bit is higher than optimum hardness
 Easy to wear-out or distort when a bit is lower than optimum hardness

Screw Types (High Power Type)

For increased durability, we offer a bit with a larger cross-sectional area of the tip-end.
 When selecting this type of bit, please consider proper screw fit.



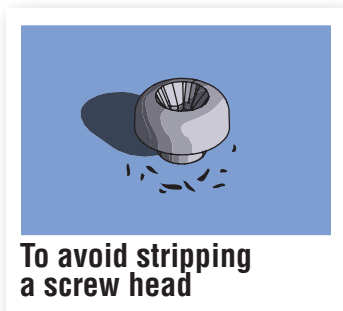
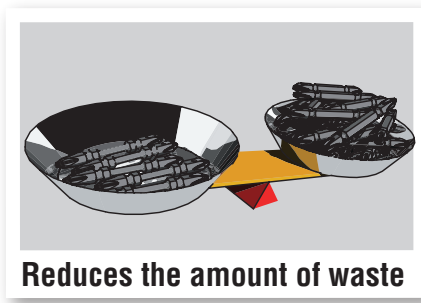
Name	Mark	Cross-section area of the tip	Applications	Screw Fit
Standard	—	Small	Wide range of works	Best
Power	P	Medium	For high impact	Great
High Power	H	Large	For widely cross recessed screws (pan head screws.)	Good
Black	B			



* M dimension : width across flats of screw recess from the top view
 * Cross-Point is a registered trademark of Phillips Screw Co.

A Long Lasting Technology

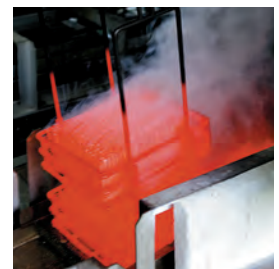
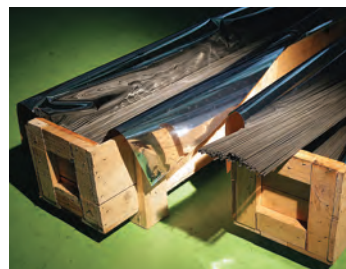
Breakage of a screwdriver bit not only reduces work efficiency but also adversely affects the quality of an assembled product. Improving durability of a screwdriver bit is a critical issue for assembly lines.



Precision Fitting

Screwdriver bits are produced with consistent accuracy due to superior manufacturing machines and thorough quality control.

In-house controlled heat treatment developed by in-depth analysis also produces a more durable product.



Insert Bits

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For Branding

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Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

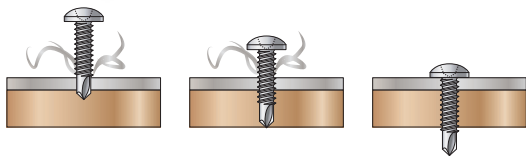
Bit Holder

Precision Bits



NECK TORSION

Neck design absorbs and reduces vibration during screwing into wood, tapping, and other similar applications. This shape also reduces bit bouncing thereby improving work efficiency and extending bit life.



Drive : 1/4 DIN 3126-C6.3, ISO 1173 H 6.35 mm

1/4" Hex NECK TORSION™ Insert Bit



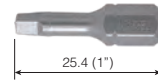
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
NTPH1254P3	1	25.4	1"	X	3	Carded 426001
NTPH1254P25K	1	25.4	1"	X	25	Bulk 426042
NTPH2254P3	2	25.4	1"	X	3	Carded 426002
NTPH2254P5	2	25.4	1"	X	5	Carded 426004
NTPH2254P25T	2	25.4	1"	X	25	TicTac 426041
NTPH2254P25K	2	25.4	1"	X	25	Bulk 426043
NTPH3254P3	3	25.4	1"	X	3	Carded 426003
NTPH3254P25K	3	25.4	1"	X	25	Bulk 426044

1/4" Hex NECK TORSION™ Insert Bit



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
NTTX10254P25K	T10	25.4	1"	X	25	Bulk 426045
NTTX15254P3	T15	25.4	1"	X	3	Carded 426005
NTTX15254P25K	T15	25.4	1"	X	25	Bulk 426046
NTTX20254P3	T20	25.4	1"	X	3	Carded 426006
NTTX20254P25K	T20	25.4	1"	X	25	Bulk 426047
NTTX25254P3	T25	25.4	1"	X	3	Carded 426007
NTTX25254P25K	T25	25.4	1"	X	25	Bulk 426048
NTTX30254P25K	T30	25.4	1"	X	25	Bulk 426049

1/4" Hex NECK TORSION™ Insert Bit



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
NTSQ1254P3	SQ1	25.4	1"	X	3	Carded 426008
NTSQ1254P25K	SQ1	25.4	1"	X	25	Bulk 426050
NTSQ2254P3	SQ2	25.4	1"	X	3	Carded 426009
NTSQ2254P25K	SQ2	25.4	1"	X	25	Bulk 426051
NTSQ3254P3	SQ3	25.4	1"	X	3	Carded 426010
NTSQ3254P25K	SQ3	25.4	1"	X	25	Bulk 426052

1/4" Hex Insert Bit



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B33P03254H	0	25.4	1"	H	10	426124
B33P1254H	1	25.4	1"	H	10	421231
B33P145254H	1	25.4	1"	H	10	426120
B33P2254H	2	25.4	1"	H	10	421241
B33P25254H	2	25.4	1"	H	10	426125
B33P3254G	3	25.4	1"	G	10	421242

1/4" Hex Insert Bit



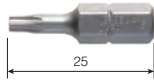
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B33S4254G	SL4	25.4	1"	G	10	421251
B33S6254G	SL6	25.4	1"	G	10	421252

1/4" Hex Insert Bit



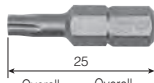
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B33H2254H	H2	25.4	1"	H	10	421260
B33H25254H	H2.5	25.4	1"	H	10	421261
B33H3254H	H3	25.4	1"	H	10	421262
B33H4333H	H4	33	1 5/16"	H	10	421263
B33H5333H	H5	33	1 5/16"	H	10	421264
B33H6333H	H6	33	1 5/16"	H	10	421265

1/4" Hex Insert Bit



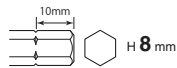
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B33T325H	T3	25	1"	H	10	489154
B33T525H	T5	25	1"	H	10	489155
B33T6254H	T6	25.4	1"	H	10	635400
B33T725H	T7	25	1"	H	10	489157
B33T8254H	T8	25.4	1"	H	10	635401
B33T10254H	T10	25.4	1"	H	10	635402
B33T15254H	T15	25.4	1"	H	10	635403
B33T20254H	T20	25.4	1"	H	10	635404
B33T25254H	T25	25.4	1"	H	10	635405
B33T27254H	T27	25.4	1"	H	10	635406
B33T30254H	T30	25.4	1"	H	10	635407
B33T40254H	T40	25.4	1"	H	10	635408

1/4" Hex Insert Bit

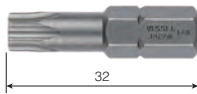


Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B33IP1525H	15IP	25	1"	H	10	447204
B33IP2025H	20IP	25	1"	H	10	447205
B33IP2525H	25IP	25	1"	H	10	447206
B33IP3025H	30IP	25	1"	H	10	447207
B33IP4025H	40IP	25	1"	H	10	447208

Drive : 5/16 DIN 3126-C8, ISO 1173

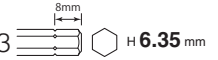


5/16" Hex Insert Bit

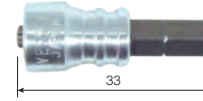


Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
A5T3032H	T30	32	1 1/4"	H	10	635427
A5T4032H	T40	32	1 1/4"	H	10	635428
A5T4532H	T45	32	1 1/4"	H	10	635429
A5T5032H	T50	32	1 1/4"	H	10	635430

Drive : 1/4 DIN 3126-C6.3, ISO 1173

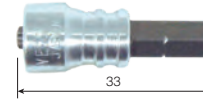


Magnet Screw Catcher



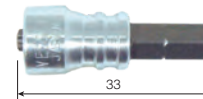
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B33MMBCP133H	1	33	1 5/16"	H	10	447105
B33MMBCP233H	2	33	1 5/16"	H	10	447106

Magnet Screw Catcher



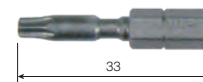
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B33MMBCPZ133H	PZ1	33	1 5/16"	H	10	447107
B33MMBCPZ233H	PZ2	33	1 5/16"	H	10	447108

Magnet Screw Catcher



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B33MMBCT1033H	T10	33	1 5/16"	H	10	447104
B33MMBCT1533H	T15	33	1 5/16"	H	10	447102
B33MMBCT2033H	T20	33	1 5/16"	H	10	447103
B33MMBCT2533H	T25	33	1 5/16"	H	10	447110

Replacement Bits For MMBC Series



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B33MMBCT1033HRB	T10	33	1 5/16"	X	10	447329
B33MMBCT1533HRB	T15	33	1 5/16"	X	10	447330
B33MMBCT2033HRB	T20	33	1 5/16"	X	10	447331
B33MMBCT2533HRB	T25	33	1 5/16"	X	10	447332
B33MMBCP133HRB	1	33	1 5/16"	X	10	447333
B33MMBCP233HRB	2	33	1 5/16"	X	10	447334
B33MMBCPZ133HRB	PZ1	33	1 5/16"	X	10	447335
B33MMBCPZ233HRB	PZ2	33	1 5/16"	X	10	447336

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IMPACT & OUT™

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NECK TORSION™

DRY WALLER™

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Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

Power Bits

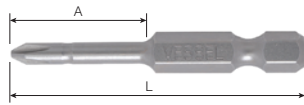
IMPACT & OUT™

Drive : 1/4 DIN 3126-E6.3, ISO 1173  H 6.35 mm

MEGADORA™
Screwdrivers

1/4" Hex NECK TORSION™ Power Bit

BALL GRIP™
Screwdrivers



Cushion Grip
Screwdrivers

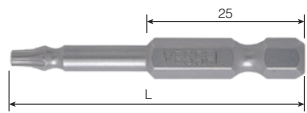
WOOD-COMPO™
Series

Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Length (A)	Hardness	Inner Ctn.	Code
NTPH150P2	1	50	2"	25	X	2	Carded 426017
NTPH150P25K	1	50	2"	25	X	25	Bulk 426053
NTPH250P2	2	50	2"	25	X	2	Carded 426018
NTPH250P5	2	50	2"	25	X	5	Carded 426022
NTPH250P15T	2	50	2"	25	X	15	TicTac 426029
NTPH250P25K	2	50	2"	25	X	25	Bulk 426054
NTPH275P2	2	75	3"	25	X	2	Carded 426019
NTPH275P10K	2	75	3"	25	X	10	Bulk 426062
NTPH2150P1	2	150	6"	100	X	1	Carded 426020
NTPH2150P10K	2	150	6"	100	X	10	Bulk 426063
NTPH350P2	3	50	2"	25	X	2	Carded 426021
NTPH350P25K	3	50	2"	25	X	25	Bulk 426055

"L-KEY"
Wrenches

Other
Hand Tools

1/4" Hex NECK TORSION™ Power Bit



IMPACT BALL™

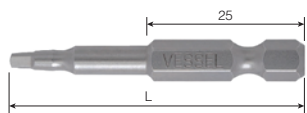
NECK TORSION™

Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
NTTX1550P2	T15	50	2"	X	2	Carded 426023
NTTX1550P25K	T15	50	2"	X	25	Bulk 426056
NTTX2050P2	T20	50	2"	X	2	Carded 426024
NTTX2050P25K	T20	50	2"	X	25	Bulk 426057
NTTX2550P2	T25	50	2"	X	2	Carded 426025
NTTX2550P25K	T25	50	2"	X	25	Bulk 426058

For Branding

Insert Bits

1/4" Hex NECK TORSION™ Power Bit



Power Bits

Power Bits/
Mag Catcher

Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
NTSQ150P2	SQ1	50	2"	X	2	Carded 426026
NTSQ150P25K	SQ1	50	2"	X	25	Bulk 426059
NTSQ250P2	SQ2	50	2"	X	2	Carded 426027
NTSQ250P25K	SQ2	50	2"	X	25	Bulk 426060
NTSQ350P2	SQ3	50	2"	X	2	Carded 426028
NTSQ350P25K	SQ3	50	2"	X	25	TicTac 426061

Precision Bits

1/4" Hex Power BIT



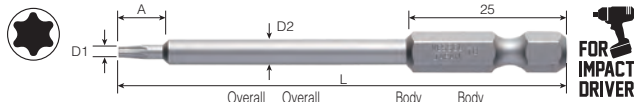
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Body Diameter	Inner Ctn.	Code
B35P00122060H	00	60	2 3/8"	H	1.2	10	446126
B35P0015849H	00	49	2"	H	1.58	10	446423
B35P00240100H	00	100	4"	H	2.0	10	446141
B35P031749H	0	49	2"	H	3.17	10	487195
B35P0143060H	0	60	2 3/8"	H	1.4	10	446145
B35P022060H	0	60	2 3/8"	H	2.0	10	446153
B35P0230100H	0	100	4"	H	2.0	10	446157
B35P150H	1	50	2"	H	7	10	424032
B35P175H	1	75	3"	H	7	10	424035
B35P145100H	1	100	4"	H	4.5	10	424036
B35P14889H	1	89	3 1/2"	H	4.8	10	487202
B35P26100H	2	100	4"	H	6	10	489255
B35P26150H	2	150	6"	H	6	10	489673
B35P26200H	2	200	8"	H	6	10	446439
B35P263549H	2	49	2"	H	6.4	10	487205
B35P263570H	2	70	2 3/4"	H	6.35	10	487206
B35P263589H	2	89	3 1/2"	H	6.35	10	487207
B35P2635152H	2	152	6"	H	6.35	10	487208
B35P250X	2	50	2"	X	7	10	424061
B35P250G	2	50	2"	G	7	10	424040
B35P275X	2	75	3"	X	7	10	424062
B35P275H	2	75	3"	H	7	10	424047
B35P275G	2	75	3"	G	7	10	424041
B35P275E	2	75	3"	E	7	10	424042
B35P2775100H	2	100	4"	H	7	10	424048
B35P2100G	2	100	4"	G	7	10	424043
B35P2100E	2	100	4"	E	7	10	424044
B35P2150H	2	150	6"	H	7	10	424049
B35P2150G	2	150	6"	G	7	10	424045
B35P2150E	2	150	6"	E	7	10	424046
B35P245100H	2	100	4"	H	4.5	10	424038
B35P349H	3	49	2"	H	7.9	10	487210
B35P389H	3	89	3 1/2"	H	7.9	10	487212
B35P375H	3	75	3"	H	7	10	424050
B35P375E	3	75	3"	E	7	10	424051
B35P3100H	3	100	4"	H	7	10	424052
B35P3100E	3	100	4"	E	7	10	424053
B35P3150G	3	150	6"	G	7	10	424054

1/4" Hex Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Tip Width/ Shank Diameter	Inner Ctn.	Code
B35S675E	SL6	75	3"	E	6	10	424075
B35S6351049H	SL6.35	49	2"	H	6.35	10	487245
B35S791249H	SL7	49	2"	H	7.9	10	487255

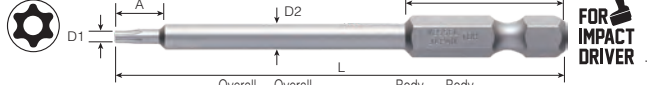
1/4" Hex Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Length (A)	Body Diameter (D1)	Body Diameter (D2)	Inner Ctn.	Code
B35T549H	T5	49	2"	6.5	1.67	3.18	10	446486
B35T570H	T5	70	2 3/4"	6.5	1.67	3.18	10	447355
B35T589H	T5	89	3 2/1"	6.5	1.67	3.18	10	447356
B35T675H	T6	75	3"	6.5	1.95	3.96	10	635300
B35T6100H	T6	100	4"	6.5	1.95	3.96	10	635301
B35T6152H	T6	152	6"	6.5	1.95	3.18	10	447317
B35T770H	T7	70	2 3/4"	6.5	2.27	3.18	10	446499
B35T775H	T7	75	3"	6.5	2.27	4	10	635303
B35T790H	T7	90	3 1/2"	6.5	2.27	3.18	10	446509
B35T7152H	T7	152	6"	6.5	2.27	3.18	10	446519
B35T849H	T8	49	2"	7.0	2.6	3.18	10	446489
B35T870H	T8	70	2 3/4"	7.0	2.6	3.18	10	446500
B35T875H	T8	75	3"	7.0	2.6	4.5	10	635305
B35T890H	T8	90	3 1/2"	7.0	2.6	3.18	10	446510
B35T8100H	T8	100	4"	7.0	2.6	4.5	10	635306
B35T8152H	T8	152	6"	7.0	2.6	3.18	10	446520
B35T970H	T9	70	2 3/4"	7.0	2.78	3.18	10	446501
B35T990H	T9	90	3 1/2"	7.0	2.78	3.18	10	446511
B35T9152H	T9	152	6"	7.0	2.78	3.18	10	446521
B35T1049H	T10	49	2"	7.5	3.02	3.96	10	446491
B35T1070H	T10	70	2 3/4"	7.5	3.02	3.96	10	446502
B35T1075H	T10	75	3"	7.5	3.02	4.5	10	635310
B35T1090H	T10	90	3 1/2"	7.5	3.02	4.5	10	446513
B35T10100H	T10	100	4"	7.5	3.02	4.5	10	635311
B35T10152H	T10	152	6"	7.5	3.02	3.96	10	446522
B35T1549H	T15	49	2"	7.5	3.56	3.96	10	446492
B35T1570H	T15	70	2 3/4"	7.5	3.56	3.96	10	446503
B35T1575H	T15	75	3"	7.5	3.56	4.5	10	635315
B35T1590H	T15	90	3 1/2"	7.5	3.56	3.96	10	446513
B35T15100H	T15	100	4"	7.5	3.56	4.5	10	635316
B35T15152H	T15	152	6"	7.5	3.56	3.96	10	446523
B35T2049H	T20	49	2"	4.75	4.14	4.75	10	446493
B35T2070H	T20	70	2 3/4"	4.75	4.14	4.75	10	446504
B35T2075H	T20	75	3"	7.5	4.14	5	10	635320
B35T20100H	T20	100	4"	7.5	4.14	5	10	635321
B35T20152H	T20	152	6"	7.5	4.14	4.37	10	446524
B35T2570H	T25	70	2 3/4"	8.0	4.7	5	10	446505
B35T2575H	T25	75	3"	8.0	4.7	5	10	635325
B35T25100H	T25	100	4"	8.0	4.7	5	10	635326
B35T25152H	T25	152	6"	8.0	4.7	4.75	10	446525
B35T2775H	T27	75	3"	8.0	5.26	5.5	10	635330
B35T27100H	T27	100	4"	8.0	5.26	5.5	10	635331
B35T27152H	T27	152	6"	8.0	5.26	6.4	10	446526
B35T3070H	T30	70	2 3/4"	8.5	5.79	6.4	10	446507
B35T3075H	T30	75	3"	8.5	5.79	6	10	635335
B35T3090H	T30	90	3 1/2"	8.5	5.79	6.4	10	446517
B35T30100H	T30	100	4"	8.5	5.79	6	10	635336
B35T30152H	T30	152	6"	8.5	5.79	6.4	10	446527
B35T4049H	T40	49	2"	-	7	10	446497	
B35T4070H	T40	70	2 3/4"	-	8	10	446508	
B35T4075H	T40	75	3"	-	8	10	635340	
B35T4090H	T40	90	3 1/2"	-	8	10	446518	

Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Length (A)	Body Diameter (D1)	Body Diameter (D2)	Inner Ctn.	Code
B35T40100H	T40	100	4"	-	7	10	635341	
B35T40152H	T40	152	6"	-	-	8	10	446528
B35T4575H	T45	75	3"	-	-	7.9	10	635345
B35T45100H	T45	100	4"	-	-	7.9	10	635346

1/4" Hex Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Length (A)	Body Diameter (D1)	Body Diameter (D2)	Inner Ctn.	Code
B35T6H75H	T6H	75	3"	6.5	1.95	3.96	10	635283
B35T6H100H	T6H	100	4"	6.5	1.95	3.96	10	635284
B35T8H75H	T8H	75	3"	7.0	2.60	4.5	10	635285
B35T8H100H	T8H	100	4"	7.0	2.60	4.5	10	635286
B35T10H49H	T10H	49	2"	7.5	3.02	3.96	10	446533
B35T10H70H	T10H	70	2 3/4"	7.5	3.02	3.96	10	446544
B35T10H75H	T10H	75	3"	7.5	3.02	4.5	10	635251
B35T10H100H	T10H	100	4"	7.5	3.02	4.5	10	635252
B35T15H75H	T15H	75	2 3/4"	7.5	3.56	4.5	10	635255
B35T15H100H	T15H	100	4"	7.5	3.56	4.5	10	635256
B35T20H49H	T20H	49	2"	7.5	4.14	4.37	10	446535
B35T20H70H	T20H	70	2 3/4"	7.5	4.14	4.37	10	446546
B35T20H75H	T20H	75	3"	7.5	4.14	5	10	635261
B35T20H100H	T20H	100	4"	7.5	4.14	5	10	635262
B35T25H75H	T25H	75	3"	8.0	4.70	5	10	635265
B35T25H100H	T25H	100	4"	8.0	4.70	5	10	635266
B35T27H75H	T27H	75	3"	8.0	5.26	5.5	10	635271
B35T27H100H	T27H	100	4"	8.0	5.26	5.5	10	635272
B35T30H75H	T30H	75	3"	8.5	5.79	6	10	635275
B35T30H100H	T30H	100	4"	8.5	5.79	6	10	635276
B35T40H75H	T40H	75	3"	-	-	7	10	635281
B35T40H100H	T40H	100	4"	-	-	7	10	635282

1/4" Hex Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Length (A)	Body Diameter (D1)	Body Diameter (D2)	Hardness	Inner Ctn.	Code
B35H275H	H2	75	3"	9.5	2.35	7	H	10	424080
B35H2100H	H2	100	4"	9.5	2.35	7	H	10	424081
B35H2575H	H2.5	75	3"	9.5	2.9	7	H	10	424082
B35H25100H	H2.5	100	4"	9.5	2.9	7	H	10	424083
B35H25150H	H2.5	150	6"	9.5	2.9	7	H	10	424093
B35H375H	H3	75	3"	10	3.55	7	H	10	424084
B35H3100H	H3	100	4"	10	3.55	7	H	10	424085
B35H3150H	H3	150	6"	10	3.55	7	H	10	424094
B35H44649H	H4	49	2"	27	4.6	4.6	H	10	487282
B35H475H	H4	75	3"	11	4.75	7	H	10	424086
B35H4100H	H4	100	4"	11	4.75	7	H	10	424087
B35H4150H	H4	150	6"	11	4.75	7	H	10	424095
B35H55849H	H5	49	2"	27	5.8	5.8	H	10	487283
B35H575G	H5	75	3"	13	5.85	7	G	10	424088
B35H5100G	H5	100	4"	13	5.85	7	G	10	424089
B35H5150G	H5	150	6"	13	5.85	7	G	10	424096
B35H649H	H6	49	2"	-	6.35	H	10	487284	
B35H675G	H6	75	3"	-	7	G	10	424090	
B35H6100G	H6	100	4"	-	7	G	10	424091	
B35H6150G	H6	150	6"	-	7	G	10	424097	

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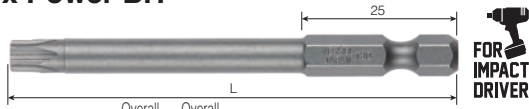
IMPACT & OUT™

Drive : 1/4 DIN 3126-E6.3, ISO 1173 

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Bit Holder

Precision Bits

Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Body Diameter	Inner Ctn.	Code
B35IP6152H	6IP	152	6"	H	1.64	10	447251
B35IP7152H	7IP	152	6"	H	1.99	10	447252
B35IP8152H	8IP	152	6"	H	2.31	10	447253
B35IP949H	9IP	49	2"	H	2.5	10	447229
B35IP970H	9IP	70	2 3/4"	H	2.5	10	447236
B35IP990H	9IP	90	3 1/2"	H	2.5	10	447243
B35IP9152H	9IP	152	6"	H	2.5	10	447226
B35IP1090H	10IP	90	3 1/2"	H	2.74	10	447244
B35IP10152H	10IP	152	6"	H	2.74	10	447254
B35IP1549H	15IP	49	2"	H	3.27	10	447230
B35IP1570H	15IP	70	2 3/4"	H	3.27	10	447237
B35IP1590H	15IP	90	3 1/2"	H	3.27	10	447245
B35IP15152H	15IP	152	6"	H	3.27	10	447255
B35IP2049H	20IP	49	2"	H	3.86	10	447231
B35IP2070H	20IP	70	2 3/4"	H	3.86	10	447238
B35IP2090H	20IP	90	3 1/2"	H	3.86	10	447246
B35IP20152H	20IP	152	6"	H	3.86	10	447256
B35IP2549H	25IP	49	2"	H	4.43	10	447232
B35IP2570H	25IP	70	2 3/4"	H	4.43	10	447239
B35IP2590H	25IP	90	3 1/2"	H	4.43	10	447247
B35IP25152H	25IP	152	6"	H	4.43	10	447257
B35IP3049H	30IP	49	2"	H	5.52	10	447234
B35IP3070H	30IP	70	2 3/4"	H	5.52	10	447241
B35IP3090H	30IP	90	3 1/2"	H	5.52	10	447249
B35IP30152H	30IP	152	6"	H	5.52	10	447259
B35IP4049H	40IP	49	2"	H	6.65	10	447235
B35IP4070H	40IP	70	2 3/4"	H	6.65	10	447242
B35IP4090H	40IP	90	3 1/2"	H	6.65	10	447250
B35IP40152H	40IP	152	6"	H	6.65	10	447260

1/4" Hex Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B35P123H	1	23	7/8"	H	10	424131
B35P223H	2	23	7/8"	H	10	424141
B35P240H	2	40	1 9/16"	H	10	424143
B35P2100H	2	100	4"	H	10	424147

1/4" Hex Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Body Diameter	Hardness	Inner Ctn.	Code
B35PZ14850H	PZ1	50	2"	4.8	H	10	424101
B35PZ26350H	PZ2	50	2"	6.3	H	10	424102
B35PZ3850H	PZ3	50	2"	8	H	10	424103

1/4" Hex Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B35TW140H	TW1	40	1 9/16"	H	10	424201
B35TW240H	TW2	40	1 9/16"	H	10	424202
B35TW340H	TW3	40	1 9/16"	H	10	424203
B35TW440H	TW4	40	1 9/16"	H	10	424204

1/4" Hex NECK TORSION™ Mag Catcher Power Bit



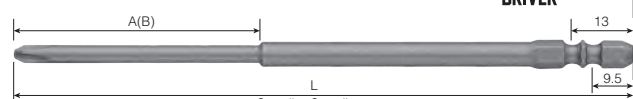
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B35MMBCT1049H	T10	49	2"	H	10	447111
B35MMBCT1070H	T10	70	2 3/4"	H	10	447112
B35MMBCT1549H	T15	49	2"	H	10	447115
B35MMBCT1570H	T15	70	2 3/4"	H	10	447116
B35MMBCT2049H	T20	49	2"	H	10	447113
B35MMBCT2075H	T20	75	3"	H	10	447101
B35MMBCT20150	T20	150	6"	H	10	447109
B35MMBCT2549H	T25	49	2"	H	10	447117
B35MMBCT2570H	T25	70	2 3/4"	H	10	447118

1/4" Hex NECK TORSION™ Mag Catcher Insert Bit Replacement Bit



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B35MMBCT1049HRB	T10	49	2"	H	10	447337
B35MMBCT1070HRB	T10	70	2 3/4"	H	10	447338
B35MMBCT1549HRB	T15	49	2"	H	10	447361
B35MMBCT1570HRB	T15	70	2 3/4"	H	10	447362
B35MMBCT2049HRB	T20	49	2"	H	10	447339
B35MMBCT2075HRB	T20	75	3"	H	10	447340
B35MMBCT20150HRB	T20	150	6"	H	10	447341

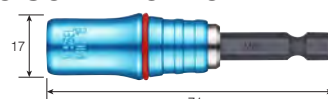
1/4" Hex Power Bit Reduced Shaft



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Length (A(B))	Hardness	Body Diameter	Inner Ctn.	Code
MAB16P24565H	2	65	2 9/16"	40	H	4.5	10	415301
MAB16P245100H	2	100	4"	75	H	4.5	10	415302
MAB16P245150H	2	150	6"	50(75)	H	4.5	10	415303

MAGNETIC SCREW CATCHER

super magnet holds extra long screw.



Model No.	Overall Length (mm)	Overall Length (inch)	Inner Ctn.	Code
MBCAF63571	71	2 3/4"	1	486345

Double-Ended Power Bits

Drive : 1/4 DIN 3126-E6.3, ISO 1173 

1/4" Hex Double-Ended Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B43P175H	1	75	3"	H	10	425032
B43P250X	2	50	2"	X	10	425036
B43P250H	2	50	2"	H	10	425037
B43P250E	2	50	2"	E	10	425038
B43P275X	2	75	3"	X	10	425039
B43P275H	2	75	3"	H	10	425040
B43P275G	2	75	3"	G	10	425041
B43P275E	2	75	3"	E	10	425042
B43P2100X	2	100	4"	X	10	425046
B43P2100H	2	100	4"	H	10	425047
B43P2100G	2	100	4"	G	10	425043
B43P2100E	2	100	4"	E	10	425044
B43P2150X	2	150	6"	X	10	425048
B43P2150H	2	150	6"	H	10	425049
B43P2150G	2	150	6"	G	10	425045
B43P2200G	2	200	8"	G	10	425050
B43P2300H	2	300	12"	H	10	446373
B43P375H	3	75	3"	H	10	425054
B43P375E	3	75	3"	E	10	425055
B43P3100H	3	100	4"	H	10	425057
B43P3100E	3	100	4"	E	10	425058
B43P3150H	3	150	6"	H	10	446375

1/4" Hex Double-Ended Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
MB43P275H	2	75	3"	H	10	446669
MB43P2100H	2	100	4"	H	10	446672
MB43P2150H	2	150	6"	H	10	446673

1/4" Hex Double-Ended Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B43PP275H	2	75	3"	H	10	425171
B43PP2100H	2	100	4"	H	10	425172

1/4" Hex Double-Ended Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B43HP275H	2	75	3"	H	10	425151
B43HP2100H	2	100	4"	H	10	425153
B43HP2150H	2	150	6"	H	10	425155

1/4" Hex Double-Ended Power BIT



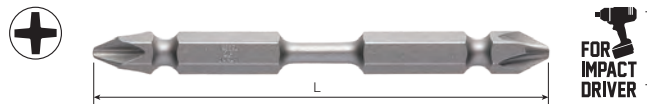
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Inner Ctn.	Code
B43BP250S	2	50	2"	S	10	425141
B43BP275S	2	75	3"	S	10	425142
B43BP2100S	2	100	4"	S	10	425143
B43BP2150S	2	150	6"	S	10	425144

1/4" Hex Double-Ended Power BIT



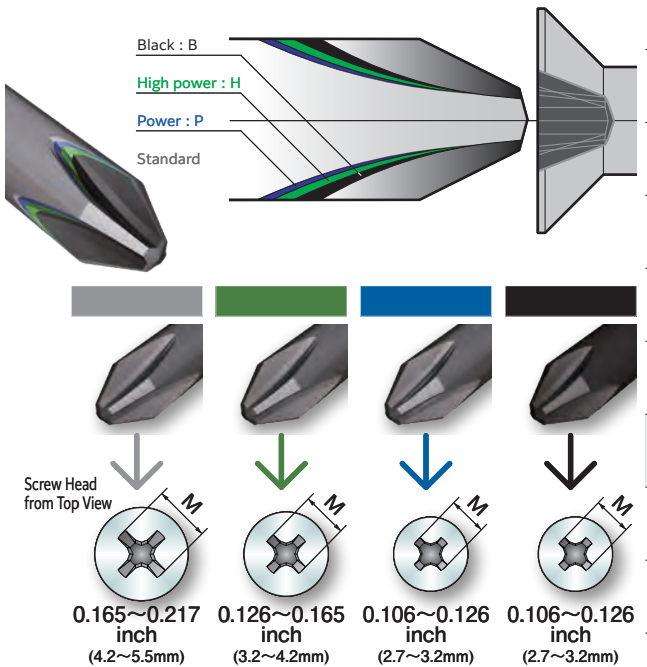
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Body Diameter	Inner Ctn.	Code
BT43P275H	2	75	3"	H	Torsion	10	425161
BT43P2100H	2	100	4"	H	Torsion	10	425162

1/4" Hex Double-Ended Power BIT



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Hardness	Body Diameter	Inner Ctn.	Code
BT43PP275X	2	75	3"	X	Torsion	10	425201
BT43PP2100X	2	100	4"	X	Torsion	10	425202

Selecting best fit Cross-Point tip* for various screw types



* M dimension : width across flats of screw recess from the top view

* Cross-Point is a registered trademark of Phillips Screw Co.

* Refer to P53 for hardness table (heat treatment classification).

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Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

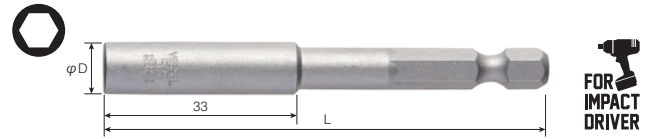
Precision Bits

Nut Setters



Drive : 1/4" DIN 3126-C6.3, ISO 1173 H 6.35 mm

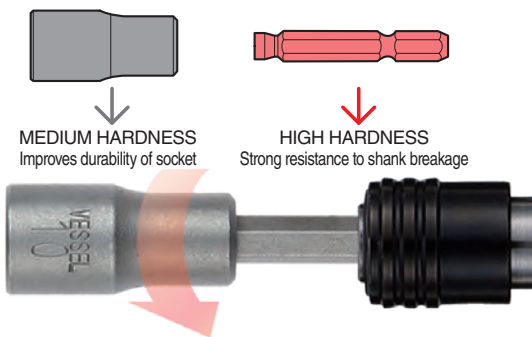
Nutsetter 1/4" Hex Nutsetter Metric



Model No.	Socket Size	Overall Length (mm)	Overall Length (inch)	Socket Nose Diameter φ	Inner Ctn. Code
B45AF450	A/F4	50	2"	8	10 489301
B45AF475	A/F4	75	3"	8	10 489314
B45AF4100	A/F4	100	4"	8	10 489327
B45AF4550	AF/4.5	50	2"	8	10 489302
B45AF550	AF/5	50	2"	8	10 489303
B45AF575	AF/5	75	3"	8	10 489316
B45AF5100	AF/5	100	4"	8	10 489329
B45AF5550	A/F5.5	50	2"	9	10 489304
B45AF5575	A/F5.5	75	3"	9	10 424281
B45AF55100	A/F5.5	100	4"	9	10 424380
B45AF55150	A/F5.5	150	6"	9	10 424265 ☆
B45AF650	A/F6	50	2"	10	10 489305
B45AF675	A/F6	75	3"	10	10 424282 ☆
B45AF6100	A/F6	100	4"	10	10 424381
B45AF6150	A/F6	150	6"	10	10 424266 ☆
B45AF750	A/F7	50	2"	13.5	10 489306
B45AF71175	A/F7	75	3"	11	10 424279
B45AF775	A/F7	75	3"	13.5	10 424283 ☆
B45AF711100	A/F7	100	4"	11	10 424280
B45AF7100	A/F7	100	4"	13.5	10 424382 ☆
B45AF7150	A/F7	150	6"	13.5	10 424267 ☆
B45AF850	A/F8	50	2"	13.5	10 489307
B45AF875	A/F8	75	3"	13.5	10 424284 ☆
B45AF8100	A/F8	100	4"	13.5	10 424383 ☆
B45AF8150	A/F8	150	6"	13.5	10 424483 ☆
B45AF950	A/F9	50	2"	16	10 489308
B45AF1050	A/F10	50	2"	16	10 489309
B45AF1075	AF/10	75	3"	16	10 424286 ☆
B45AF10100	AF/10	100	4"	16	10 424384 ☆
B45AF10150	AF/10	150	6"	16	10 424484 ☆
B45AF1150	A/F11	50	2"	17	10 489310
B45AF1175	A/F11	75	3"	17	10 424270 ☆
B45AF11100	A/F11	100	4"	17	10 424271 ☆
B45AF1250	A/F12	50	2"	18	10 489311
B45AF1275	A/F12	75	3"	18	10 424287 ☆
B45AF12100	A/F12	100	4"	18	10 424385 ☆
B45AF12150	A/F12	150	6"	18	10 424272 ☆
B45AF1350	A/F13	50	2"	19	10 489312
B45AF1375	AF/13	75	3"	19	10 424288 ☆
B45AF13100	AF/13	100	4"	19	10 424386 ☆
B45AF1450	A/F14	50	2"	20	10 489313
B45AF1475	A/F14	75	3"	20	10 424289 ☆
B45AF14100	A/F14	100	4"	20	10 424387 ☆

Features of press-fit type sockets

(Press-fit type: marked with a star symbol in the table of each model)



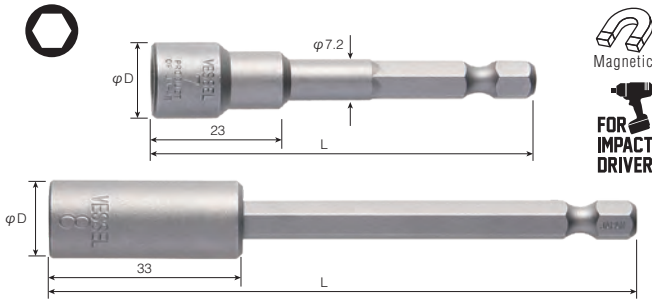
The shank and socket have been heat-treated to the best hardness and press-fit together. The socket part is strong against wear and the shank against twisting, resulting in higher durability.

Prevents shank breakage
Torsion moment with a static torque



☆ = Made with a patented axial press-fit shank technique.

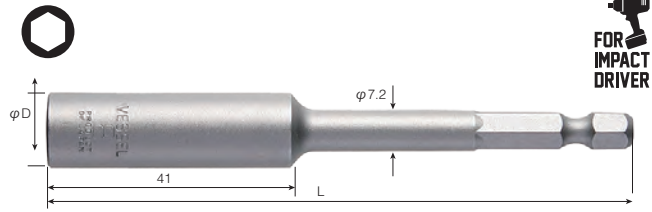
Nutsetter 1/4" Hex Magnet Nutsetter Metric



Model No.	Socket Size	Overall Length (mm)	Overall Length (inch)	Socket Nose Diameter φ	Inner Ctn. Code
MB45AF550	A/F5	50	2"	8.5	10 489340
MB45AF575	A/F5	75	3"	8.5	10 489351
MB45AF5100	A/F5	100	4"	8.5	10 489362
MB45AF5550	A/F5.5	50	2"	9	10 489341
MB45AF5575	A/F5.5	75	3"	9	10 489352
MB45AF650	A/F6	50	2"	10	10 489342
MB45AF675	A/F6	75	3"	10	10 489353
MB45AF6100	A/F6	100	4"	10	10 489364
MB45AF750	A/F7	50	2"	13	10 489343
MB45AF765	A/F7	65	2 9/16"	13	10 482520
MB45AF775	A/F7	75	3"	13	10 489354
MB45AF7100	A/F7	100	4"	13	10 489365
MB45AF7150	A/F7	150	4"	13.5	10 446622
MB45AF850	A/F8	50	2"	13.5	10 489344
MB45AF865	A/F8	65	2 9/16"	13.5	10 482521 ☆
MB45AF875	A/F8	75	3"	13.5	10 482523
MB45AF8100	A/F8	100	4"	13.5	10 482524 ☆
MB45AF8150	A/F8	150	6"	13.5	10 424274 ☆
MB45AF950	A/F9	50	2"	14	10 489345
MB45AF9665	A/F9.6	65	2 9/16"	15	10 482522 ☆
MB45AF1050	A/F10	50	2"	16	10 489346
MB45AF1075	A/F10	75	3"	16	10 482525 ☆
MB45AF10100	A/F10	100	4"	16	10 482526 ☆
MB45AF10150	A/F10	150	6"	16	10 424275 ☆
MB45AF1150	A/F11	50	2"	17	10 489347
MB45AF1175	A/F11	75	3"	17	10 489358
MB45AF11100	A/F11	100	4"	17	10 489369
MB45AF1250	A/F12	50	2"	19	10 489348
MB45AF1275	A/F12	75	3"	18	10 424276 ☆
MB45AF12100	A/F12	100	4"	18	10 424277 ☆
MB45AF12150	A/F12	150	6"	18	10 424278 ☆
MB45AF1350	A/F13	50	2"	19	10 489349
MB45AF1375	A/F13	75	3"	19	10 489360
MB45AF13100	A/F13	100	4"	19	10 489371
MB45AF13150	A/F13	150	6"	19	10 446626
MB45AF1475	A/F14	75	3"	20	10 489361
MB45AF14100	A/F14	100	4"	20	10 489372

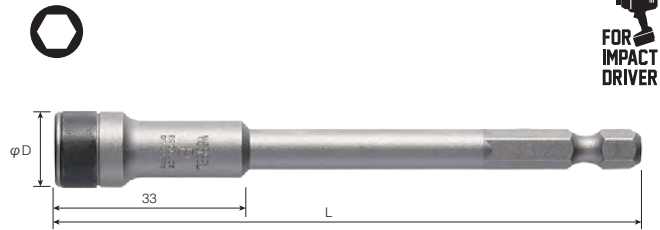
☆ = Made with a patented axial press-fit shank technique.

Nutsetter 1/4" Hex Sliding Magnet Nutsetter Metric



Model No.	Socket Size	Overall Length (mm)	Overall Length (inch)	Socket Nose Diameter φ	Inner Ctn. Code
MB45DAF8100	A/F8	100	4"	13	10 482516
MB45DAF10100	A/F10	100	4"	16	10 482517

Nutsetter 1/4" Hex Side Magnet Nutsetter Metric



Model No.	Socket Size	Overall Length (mm)	Overall Length (inch)	Socket Nose Diameter φ	Inner Ctn. Code
MB45SAF8100	A/F8	100	4"	13	10 482406
MB45SAF10100	A/F10	100	4"	16	10 482407

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"L-KEY"
Wrenches

Other
Hand Tools

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Accessories

For Branding

Insert Bits

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

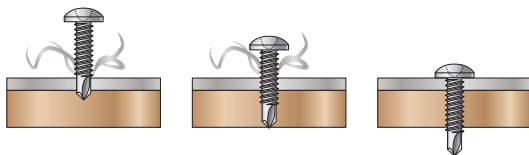
Bit Holder



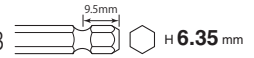
TORSION ZONE ABSORB SHOCKS

Torsion zone absorbs the impact caused by an impact driver when the screw head is fully seated. Impact absorption helps to reduce tip breakage.

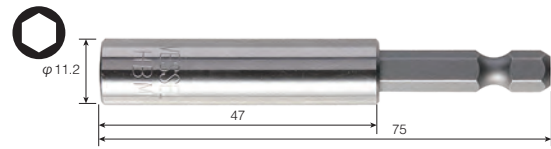
NECK TORSION



Drive : 1/4 DIN 3126-E6.3, ISO 1173

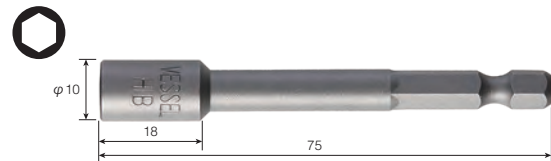


Bit Holder 1/4" Hex Magnet Bit Holder



Model No.	Socket Size	Overall Length (mm)	Overall Length (inch)	Socket Nose Diameter ϕ	Inner Ctn.	Code
HBMAF63575	6.4(1/4")	75	3"	11.2(7/16")	10	482425

Bit Holder 1/4" Hex Bit Holder w. C-pin



Model No.	Socket Size	Overall Length (mm)	Overall Length (inch)	Socket Nose Diameter ϕ	Inner Ctn.	Code
HBAF63575	6.4(1/4")	75	3"	10(13/32")	10	482420

IMPACT BALL™ Torsion Magnet Bit Holder



Model No.	Socket Size	Overall Length (mm)	Overall Length (inch)	Socket Nose Diameter ϕ	Inner Ctn.	Code
IBHBM67P10K	6.4(1/4")	67	2 5/8"	11.2	10	426099
IBHBM150P10K	6.4(1/4")	150	6"	11.2	10	426100
IBHBM300P10K	6.4(1/4")	300	12"	11.2	10	426101

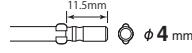
Hex Socket Adapter



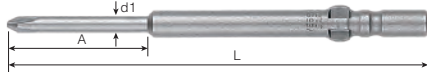
Model No.	Drive Size	Overall Length (mm)	Overall Length (inch)	Inner Ctn.	Code
B35SA63575	6.35(1/4")	75	3"	10	487382
B35SA635100	6.35(1/4")	100	4"	10	487383
B35SA635150	6.35(1/4")	150	6"	10	487384
B35SA9550	9.6(3/8")	50	2"	10	487391
B35SA9575	9.6(3/8")	75	3"	10	487392
B35SA95100	9.6(3/8")	100	4"	10	487393
B35SA95150	9.6(3/8")	150	6"	10	487394

Precision Bits

Drive : 4mm HIOS direct drive

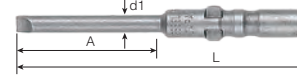


Cross-Point Precision Bit



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn.	Code
D73P00122040	00	40	1 9/16"	1.2	20	10	446001
D73P00152040	00	40	1 9/16"	1.5	20	10	483001
D73P00152060	00	60	2 3/8"	1.5	20	10	483002
D73P00152080	00	80	3 1/8"	1.5	20	10	483003
D73P00172040	00	40	1 9/16"	1.7	20	10	446004
D73P0022040	00	40	1 9/16"	2	20	10	483005
D73P0022060	00	60	2 3/8"	2	20	10	483006
D73P0142040	0	40	1 9/16"	1.4	20	10	446016
D73P0142060	0	60	2 3/8"	1.4	20	10	446017
D73P0142080	0	80	3 1/8"	1.4	20	10	483008
D73P0152040	0	40	1 9/16"	1.5	20	10	446022
D73P0152060	0	60	2 3/8"	1.5	20	10	446076
D73P0172040	0	40	1 9/16"	1.7	20	10	483010
D73P0172060	0	60	2 3/8"	1.7	20	10	483011
D73P0172080	0	80	3 1/8"	1.7	20	10	483012
D73P0182060	0	60	2 3/8"	1.8	20	10	483013
D73P022040	0	40	1 9/16"	2	20	10	446025
D73P022060	0	60	2 3/8"	2	20	10	446026
D73P023060	0	60	2 3/8"	2	30	10	446029
D73P022080	0	80	3 1/8"	2	20	10	446027
D73P0220100	0	100	4"	2	20	10	446028
D73P0220120	0	120	4 3/4"	2	20	10	483014
D73P0252040	0	40	1 9/16"	2.5	20	10	483015
D73P0252060	0	60	2 3/8"	2.5	20	10	483016
D73P0252080	0	80	3 1/8"	2.5	20	10	446033
D73P02520100	0	100	4"	2.5	20	10	446034
D73P02520120	0	120	4 3/4"	2.5	20	10	483017
D73P1252040	1	40	1 9/16"	3	20	10	446048
D73P132040	1	40	1 9/16"	3	20	10	483021
D73P132060	1	60	2 3/8"	3	20	10	446053
D73P132080	1	80	3 1/4"	2	20	10	446054
D73P1320100	1	100	4"	3	20	10	446055
D73P1320120	1	120	3 1/8"	3	20	10	483376
D73P140	1	40	1 9/16"	4	-	10	483025
D73P160	1	60	2 3/8"	4	-	10	446059
D73P180	1	80	3 1/8"	4	-	10	483026
D73P1100	1	100	4"	4	-	10	483027
D73P1120	1	120	4 3/4"	4	-	10	483028
D73P1150	1	150	6"	4	-	10	483029
D73P1200	1	200	8"	4	-	10	483032
D73P240	2	40	1 9/16"	4	-	10	483031
D73P260	2	60	2 3/8"	4	-	10	446070
D73P280	2	80	3 1/8"	4	-	10	446071
D73P2100	2	100	4"	4	-	10	446072
D73P2120	2	120	4 3/4"	4	-	10	446073
D73P2150	2	150	6"	4	-	10	483033

Slotted Precision Bit



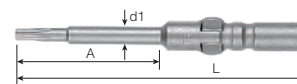
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Tip Width/ Shank Diameter	Length (A)	Inner Ctn.	Code
D73S20340	SL2	40	1 9/16"	2	20	10	483041
D73S250340	SL2.5	40	1 9/16"	2.5	20	10	483042
D73S30440	SL3	40	1 9/16"	3	20	10	483043
D73S40540	SL4	40	1 9/16"	4	-	10	483044

Hex Precision Bit



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn.	Code
D73H1522060	H1.5	60	2 3/8"	2	20	10	483051
D73H232060	H2	60	2 3/8"	3	20	10	483052
D73H2532060	H2.5	60	2 3/8"	3	20	10	483053
D73H360	H3	60	2 3/8"	4	-	100	483054

TORX Precision Bit



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn.	Code
D73T1152040	T1	40	1 9/16"	1.5	20	10	635621
D73T152040	T2	40	1 9/16"	1.5	20	10	635622
D73T3172040	T3	40	1 9/16"	1.7	20	10	635623
D73T4182040	T4	40	1 9/16"	1.8	20	10	635624
D73T522040	T5	40	1 9/16"	2	20	10	635625
D73T522060	T5	60	2 3/8"	2	20	10	446108
D73T6252040	T6	40	1 9/16"	2.5	20	10	635626
D73T622040	T6	40	1 9/16"	2	20	10	446109
D73T622060	T6	60	2 3/8"	2	20	10	446110
D73T7252040	T7	40	1 9/16"	2.5	20	10	635627
D73T722060	T7	60	2 3/8"	2	20	10	446113
D73T832040	T8	40	1 9/16"	3	20	10	635628
D73T932040	T9	40	1 9/16"	3	20	10	635629
D73T1032040	T10	40	1 9/16"	3	20	10	635630
D73T10H60	T10H	60	2 3/8"	4	-	10	446119

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Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

Precision Bits

Precision Bits

IMPACT & OUT™

Drive : 5mm HIOS direct drive



MEGADORA™
Screwdrivers

Cross-Point Precision Bit

BALL GRIP™
Screwdrivers



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn.	Code
D76P0022060	00	60	2 3/8"	2	20	10	483105
D76P022560	0	60	2 3/8"	2	25	10	483106
D76P0252560	0	60	2 3/8"	2.5	25	10	483115
D76P02525100	0	100	4"	2.5	25	10	483117
D76P133060	1	60	2 3/8"	3	30	10	483121
D76P133080	1	80	3 1/8"	3	30	10	446267
D76P1330100	1	100	4"	3	30	10	483122
D76P1330120	1	120	4 3/4"	3	30	10	483123
D76P160	1	60	2 3/8"	5	-	10	483125
D76P1100	1	100	4"	5	-	10	483127
D76P1200	1	200	8"	5	-	10	483132
D76P260	2	60	2 3/8"	5	-	10	483131
D76P280	2	80	3 1/8"	5	-	10	446279
D76P2100	2	100	4"	5	-	10	446280
D76P2120	2	120	4 3/4"	5	-	10	446281
D76P2150	2	150	6"	5	-	10	446282
D76P2200	2	200	8"	5	-	10	483137

IMPACT BALL™

Slotted Precision Bit

NECK TORSION™

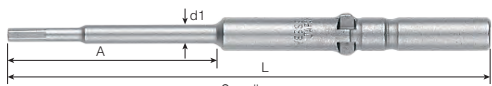


Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn.	Code
D76S30434060	SL3	60	2 3/8"	3	40	10	483141
D76S40643060	SL4	60	2 3/8"	4	30	10	483142
D76S50760	SL5	60	2 3/8"	5	-	10	483143

For Branding

Hex Precision Bit

Insert Bits



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn.	Code
D76H233070	H2	70	3 3/4"	3	30	10	483151
D76H2533070	H2.5	70	3 3/4"	3	30	10	483152
D76H343070	H3	70	3 3/4"	4	30	10	483153
D76H470	H4	70	3 3/4"	5	-	10	483154

Power Bits

Power Bits/
Mag Catcher

Double-Ended
Power Bits

Nut Setters

Bit Holder

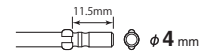
Precision Bits

TORX Precision Bit

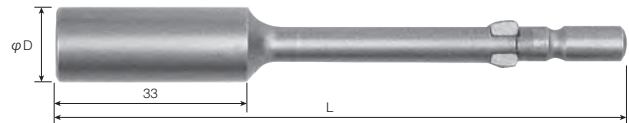


Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn.	Code
D76T522060	T5	60	2 3/8"	2	20	10	635651
D76T6252060	T6	60	2 3/8"	2.5	20	10	635652
D76T7252060	T7	60	2 3/8"	2.5	20	10	635653
D76T832060	T8	60	2 3/8"	3	20	10	635654
D76T932060	T9	60	2 3/8"	3	20	10	635655
D76T1032060	T10	60	2 3/8"	3	20	10	635656
D76T1542060	T15	60	2 3/8"	4	20	10	635657
D76T2060	T20	60	2 3/8"	5	-	10	635658
D76T2560	T25	60	2 3/8"	5	-	10	635659

Drive : 4mm HIOS direct drive

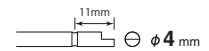


Nutsetter

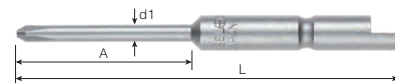


Model No.	Socket Size	Overall Length (mm)	Overall Length (inch)	Socket Nose Diameter φ	Inner Ctn.	Code
D73AF460	A/F4	60	2 3/8"	8	10	483924
D73AF560	A/F5	60	2 3/8"	8	10	483926
D73AF5560	A/F5.5	60	2 3/8"	8	10	483927

Drive : 4mm half moon direct drive

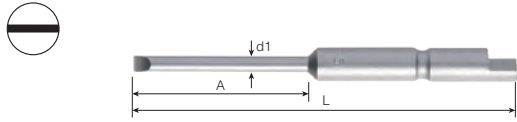


Cross-Point Precision Bit



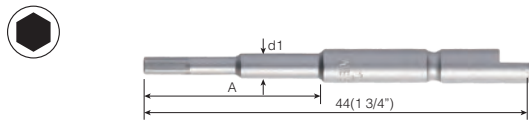
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn.	Code
D71P001544	00	44	1 3/4"	1.5	20	10	482901
D71P001564	00	64	2 1/2"	1.5	20	10	482902
D71P0244	0	44	1 3/4"	2	20	10	482911
D71P0264	0	64	2 1/2"	2	20	10	482912
D71P02544	0	44	1 3/4"	2.5	20	10	482913
D71P02564	0	64	2 1/2"	2.5	20	10	482914
D71P1344	1	44	1 3/4"	3	20	10	482921
D71P1364	1	64	2 1/2"	3	20	10	482922
D71P1444	1	44	1 3/4"	4	20	10	482923
D71P1464	1	64	2 1/2"	4	20	10	482924
D71P2444	2	44	1 3/4"	4	20	10	482931
D71P2464	2	64	2 1/2"	4	20	10	482932

Slotted Precision Bit



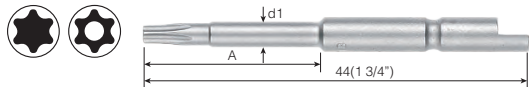
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn. Code
D71S20344	SL2	44	1 3/4"	2	20	10 482941
D71S250344	SL2.5	44	1 3/4"	2.5	20	10 482942
D71S30444	SL3	44	1 3/4"	3	20	10 482943
D71S40544	SL4	44	1 3/4"	4	20	10 482944

Hex Precision Bit



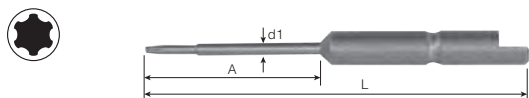
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn. Code
D71H15244	H1.5	44	1 3/4"	2	20	10 482951
D71H2344	H2	44	1 3/4"	3	20	10 482952
D71H25344	H2.5	44	1 3/4"	3	20	10 482953
D71H3444	H3	44	1 3/4"	4	-	10 482954

TORX Precision Bit



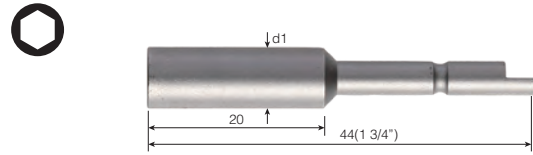
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn. Code
D71T144	T1	44	1 3/4"	1.5	20	10 635601
D71T244	T2	44	1 3/4"	1.5	20	10 635602
D71T344	T3	44	1 3/4"	1.7	20	10 635603
D71T444	T4	44	1 3/4"	1.8	20	10 635604
D71T544	T5	44	1 3/4"	2.5	20	10 635605
D71T644	T6	44	1 3/4"	2.5	20	10 635606
D71T744	T7	44	1 3/4"	2.5	20	10 635607
D71T844	T8	44	1 3/4"	3	20	10 635608
D71T944	T9	44	1 3/4"	3	20	10 635609
D71T1044	T10	44	1 3/4"	3	20	10 635610
D71T8H44	T8H	44	1 3/4"	4	-	10 446323
D71T15H44	T15H	44	1 3/4"	4	-	10 446328

TORX Plus Precision Bit



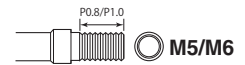
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Length (A)	Inner Ctn. Code
D71IP244	2IP	44	1 3/4"	1.5	20	10 447428
D71IP264	2IP	64	2 1/2"	1.5	20	10 447412
D71IP344	3IP	44	1 3/4"	1.7	20	10 447429
D71IP364	3IP	64	2 1/2"	1.7	20	10 447413

Nutsetter Precision Bit



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Inner Ctn. Code
D72AF444	A/F4	44	1 3/4"	7	10 482961
D72AF4544	A/F4.5	44	1 3/4"	7	10 482962
D72AF544	A/F5	44	1 3/4"	8	10 482963
D72AF5544	A/F5.5	44	1 3/4"	8	10 482964

Drive : M5/M6



Screw Shank Driver Bit



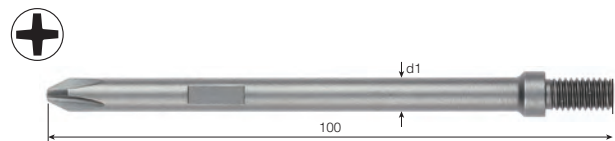
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Screw Pitch	Inner Ctn. Code
M4P07P134	1	34	1 5/16"	P0.7	10 489656
M4P07P234	2	34	1 5/16"	P0.7	10 489657

Bits for screw fastening robots (Semi-standardized items)



Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Diameter (d2)	Screw Pitch	Inner Ctn. Code
M5P08P274	2	74	3"	5.0	6.0	P0.8	10 483301
M6P1P274	2	74	3"	6.0	7.0	P1.0	10 483302

Bits for screw fastening robots (Semi-standardized items)



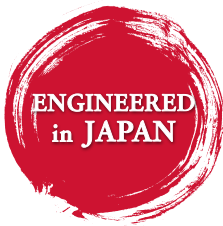
Model No.	Tip Size	Overall Length (mm)	Overall Length (inch)	Diameter (d1)	Screw Pitch	Inner Ctn. Code
M6P1P2100	2	100	4"	6.0	P1.0	10 483303



PNEUMATIC TOOLS FOR PROFESSIONALS



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SP-7730



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SP-7772 SP-7780
SP-7250H



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SP-7144 SP-7146EX
SP-7146EXS SP-7825
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OUR STORY



SP AIR products are used around the world

SP Air USA Inc. was established in 1989 as a subsidiary of SP Air Corporation of Tokyo, Japan. In December of 2011 SP Air USA Inc. opened a new warehouse in Columbus, Ohio.

We are a Japanese manufacturer of high quality pneumatic tools with over 50 years of experience. SP Air's main focus is the automotive aftermarket, and we also provide a number of precision products in the woodworking/craftsman and light industrial markets.

As of July 1st, 2020, VESSEL Co., Inc. (Osaka, Japan) acquired SP Air Corporation (Tokyo, Japan) and VESSEL TOOLS U.S.A., Inc (Torrance, CA) also merged with SP AIR USA Inc (Columbus, OH).



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Impact Ratchet Wrench

Impact Ratchet Wrench

Ratchet Wrench

Impact Wrench

Air Impact Driver

Air Drill

Cut-off Tool

Reciprocating Saw/
Disc Grinder

Die Grinder

Beveler

Sander/ Polisher

Needle Scaler

Three times as fast as a standard air ratchet!

The impact mechanism is built into the air ratchet wrench, so that it can be tightened by the power of impact.

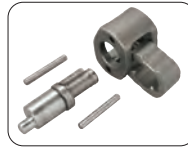
- It is safer because there is little backlash when tightening is completed.
- The rotation speed is more than Three times as fast as that of a normal ratchet, which makes tightening and loosening fast and easy.
- The speed of tightening can be adjusted by the built-in air regulator on the top rear of the tool.



SP-7260RP

1/4" THE PERFECT
IMPACT RATCHET
600rpm/ 45ft.-lbs.

- Sealed Head for Long Life.
- Impact Mechanism [Patented].
- Built-in Power Regulator.
- Single Dog Clutch.



Scan to watch
Demo Video

SP-7265RP

3/8" THE PERFECT
IMPACT RATCHET
600rpm/ 45ft.-lbs.

600rpm/45ft.-lbs.



Sealed Flat Ratchet Mechanism



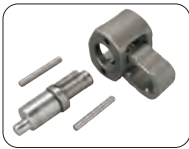
SP-1764HD

1/4" SUPER FAST
MINI IMPACT RATCHET
700rpm/ 55ft.-lbs.

- Impact Mechanism [Patented].
- Built-in Power Regulator.
- Single Dog Clutch.

700rpm/55ft.-lbs.

Super Fast



Scan to watch Demo Video



SP-1765HD

3/8" SUPER FAST
MINI IMPACT RATCHET
700rpm/ 55ft.-lbs.

SP-7730

3/8" REACTION FREE HIGH SPEED IMPACT RATCHET
450rpm/ 100ft.-lbs.

- Impact Mechanism [Patented].
- Built-in Power Regulator.
- Reverse Lever.
- Single Dog Clutch.

450rpm/100ft.-lbs.

Hight Torque



Model No.	Sq. Drive	Bolt Capacity	Max. Torque	Free Speed	Overall Length	Net Weight	Sound Level
SP-1764HD	1/4"	5/16"	55 ft.-lbs.	700 rpm	6.9"	1.4 lbs.	84.4 dB
SP-1765HD	3/8"	3/8"	55 ft.-lbs.	700 rpm	6.9"	1.4 lbs.	84.4 dB
SP-7260RP	1/4"	5/16"	45 ft.-lbs.	600 rpm	7.5"	1.6 lbs.	88.1 dB
SP-7265RP	3/8"	3/8"	45 ft.-lbs.	600 rpm	7.5"	1.6 lbs.	88.1 dB
SP-7730	3/8"	3/8"	100 ft.-lbs.	450 rpm	11.6"	3.1 lbs.	88.2 dB

Ratchet Wrench

SP-7260

1/4" SEALED FLAT HEAD MINI RATCHET
290rpm/ 25ft-lbs.

- Sealed Head for Long Life.
- Reverse Lever for One-handed operation.
- Air Regulator.
- Swivel Air Inlet with 360° Exhaust Sleeve.



Sealed Flat Ratchet Mechanism

Light Weight



SP-7265

3/8" SEALED FLAT HEAD MINI RATCHET
290rpm/ 25ft-lbs.

SP-7265W
3/8" WOBBLE ANVIL SEALED FLAT HEAD MINI RATCHET

SP-7780

3/8" HEAVY-DUTY SEALED FLAT HEAD RATCHET WRENCH [SHORT VERSION]
200rpm/ 80ft-lbs.

- Sealed Head for Long Life.
- Reverse Lever for One-handed operation.
- Air Regulator.
- 360° Exhaust Sleeve.

High Power



Sealed Flat Ratchet Mechanism



SP-7770

1/4" ROTATIONAL HEAD RATCHET WRENCH
220rpm/ 25ft-lbs.

- Reverse Lever.
- Built-in Air Regulator.
- Swivel Air Inlet and Rear Air Exhaust.



- To adjust head, slide the ring forward and turn the ratchet housing.



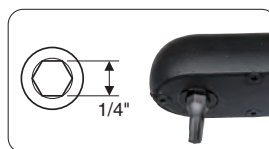
SP-7772

3/8" ROTATIONAL HEAD RATCHET WRENCH
220rpm/ 25ft-lbs.

SP-7250H

LOW PROFILE 1/4" HEX. BIT DRIVER
290rpm/ 25ft-lbs.

- Sealed Head for Long Life.
- Reverse Lever for One-handed operation.
- Air Regulator.
- Swivel Air Inlet with 360° Exhaust Sleeve.



Broken Bit Knock Out Access



- Low profile for use in tight areas.
- Use with any 1/4" drive bit.
- Ratchet style for ease of use.

Model No.	Sq. Drive	Bolt Capacity	Max. Torque	Free Speed	Overall Length	Net Weight	Sound Level
SP-7260	1/4"	5/16"	25 ft-lbs.	290 rpm	8"	1.5 lbs.	87 dB
SP-7265	3/8"	3/8"	25 ft-lbs.	290 rpm	8"	1.5 lbs.	87 dB
SP-7265W	3/8"	3/8"	25 ft-lbs.	290 rpm	8"	1.5 lbs.	87 dB
SP-7770	1/4"	5/16"	25 ft-lbs.	220 rpm	7.9"	1.3 lbs.	82 dB
SP-7772	3/8"	3/8"	25 ft-lbs.	220 rpm	7.9"	1.3 lbs.	82 dB
SP-7780	3/8"	3/8"	80 ft-lbs.	200 rpm	9.75"	3.5 lbs.	82.6 dB

Model No.	Hex. Drive	Max. Torque	Free Speed	Overall Length	Net Weight	Sound Level
SP-7250H	1/4"	25 ft-lbs.	290 rpm	8"	1.5 lbs.	82 dB

Impact Ratchet Wrench

Ratchet Wrench

Impact Wrench

Air Impact Driver

Air Drill

Cut-off Tool

Reciprocating Saw/ Disc Grinder

Die Grinder

Beveler

Sander/ Polisher

Needle Scaler

Impact Wrench

Impact Ratchet Wrench

SP-1140EX

1/2" HEAVY DUTY IMPACT WRENCH

Ratchet Wrench

- Built-in Power Regulator.
- Twin Dog Clutch.

Impact Wrench



Air Impact Driver



Twin Dog Clutch

Air Drill

- Twin dog clutch provides more power and smooth balanced blows.
- Produced 800ft.-lbs. of bolt removing torque.
- Visual forward regulator with 4 torque settings and one full power reverse setting.

Cut-off Tool

SP-7144

1/2" COMPOSITE IMPACT WRENCH

Reciprocating Saw/ Disc Grinder



Twin Dog Clutch

Die Grinder



SAS (Side And Side) System
Forward / Reverse for one hand operation.

Beveler



Air Regulator
4 torque setting and full power reverse.

Sander/ Polisher



- Composite body greatly reduces weight to allow longer, fatigue free, operation when compared to heavier models with comparable torque and speed specifications.

Air Hammer

Needle Scaler

SP-7146EX

1/2" COMPOSITE MINI IMPACT WRENCH



Twin Dog Clutch



SAS (Side And Side) System
Forward / Reverse for one hand operation.



Air Regulator
4 torque setting.

SP-7146EXS

3/8" COMPOSITE MINI IMPACT WRENCH



SP-7825

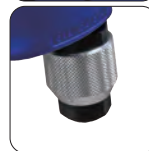
3/8" COMPOSITE MINI IMPACT WRENCH



Double Hammer Clutch



SAS (Side And Side) System
Forward / Reverse for one hand operation.



Air Regulator
4 torque setting.

SP-7825S

1/4" COMPOSITE MINI IMPACT WRENCH



SP-1850

3/8" PALM IMPACT WRENCH



Double Hammer Clutch



Air Regulator
4 torque setting.

SP-1850S

1/4" PALM IMPACT WRENCH



Palm Size

Model No.	Sq. Drive	Bolt Capacity	Max. Torque	Free Speed	Overall Length	Net Weight	Sound Level
SP-1140EX	1/2"	5/8"	800 ft.-lbs.	6,000 rpm	7.5"	5.7 lbs.	88.8 dB
SP-1140EXL	1/2"	5/8"	800 ft.-lbs.	6,000 rpm	9.5"	6.6 lbs.	88.8 dB
SP-7144	1/2"	5/8"	(F) 750 ft.-lbs. (R) 800 ft.-lbs.	(F) 5,700 rpm (R) 6,500 rpm	6.1"	4.0 lbs.	93.1 dB
SP-7146EX	1/2"	5/8"	440 ft.-lbs.	10,000 rpm	5.2"	2.1 lbs.	93.1 dB
SP-7146EXS	3/8"	1/2"	380 ft.-lbs.	10,000 rpm	5.2"	2.1 lbs.	93.1 dB
SP-7825	3/8"	3/8"	94 ft.-lbs.	17,000 rpm	4.3"	1.5 lbs.	84.2 dB
SP-7825S	1/4"	3/8"	94 ft.-lbs.	17,000 rpm	4.3"	1.5 lbs.	84.2 dB
SP-1850	3/8"	3/8"	72 ft.-lbs.	10,000 rpm	5.4"	1.0 lbs.	87.4 dB
SP-1850S	1/4"	3/8"	72 ft.-lbs.	10,000 rpm	5.4"	1.0 lbs.	87.4 dB

SP-7150-V8

3/4" COMPOSITE IMPACT WRENCH



Twin Dog Clutch



SAS (Side And Side) System

Forward / Reverse for one hand operation.



Air Regulator
4 torque setting.

- Eight vane motor delivers hard-hitting torque of more than 1,000 ft-lbs.
- Housed in a composite housing weighing less than 8 lbs.

SP-1193GE-6

1" IMPACT WRENCH



Ratchet Wrench



Pinless Hammer Clutch



Air Regulator
Forward, Reverse torque setting.

Impact Wrench

Air Impact Driver

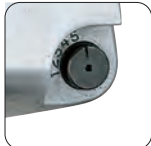
Air Drill

SP-1158

3/4" IMPACT WRENCH



Single Dog Clutch



Air Regulator
Forward, Reverse button with 5 torque setting.

Cut-off Tool

SP-1194DX-6

1" IMPACT WRENCH


 Reciprocating Saw/
Disc Grinder


Twin Dog Clutch

Twin dog clutch assembly operates within an oil bath to provide long life and reduced noise.



Air Regulator
4 torque setting.

Die Grinder

Beveler

Sander/ Polisher

Model No.	Sq. Drive	Bolt Capacity	Max. Torque	Free Speed	Overall Length	Net Weight	Sound Level
SP-7150-V8	3/4"	1"	1,100 ft-lbs.	4,300 rpm	9.3"	7.9 lbs.	94.9 dB
SP-1158	3/4"	1"	1,200 ft-lbs.	5,500 rpm	8.7"	12.0 lbs.	93.5 dB
SP-1193GE-6	1"	1-1/2"	2,300 ft-lbs.	4,000 rpm	22.0"	28.7 lbs.	98.0 dB
SP-1194DX-6	1"	1-1/2"	1,800 ft-lbs.	4,800 rpm	20.6"	17.2 lbs.	96.7 dB

Air Hammer

Needle Scaler

Air Impact Driver

Impact Ratchet Wrench

SP-7825HU

1/4" HEX. COMPOSITE IMPACT DRIVER

Ratchet Wrench

1/4" Hexagonal



Ultralight

Impact Wrench



Air Impact Driver



Double Hammer Clutch



SAS (Side And Side) System
Forward / Reverse for one hand operation.

Air Drill



Air Regulator
4 torque setting.

Cut-off Tool

SP-8102BU

1/4" HEX. IMPACT DRIVER

1/4" Hexagonal



Double Hammer Clutch



Reverse Lever



Air Regulator
4 torque setting.

SP-7146HX

1/4" HEX. COMPOSITE IMPACT DRIVER

Reciprocating Saw/ Disc Grinder

1/4" Hexagonal



Ultralight



Die Grinder



Double Hammer Clutch



SAS (Side And Side) System
Forward / Reverse for one hand operation.

Sander/ Polisher



Air Regulator
4 torque setting.

Air Hammer

Needle Scaler

Model No.	Hex. Drive	Max. Torque	Free Speed	Overall Length	Net Weight	Sound Level
SP-7825HU	1/4"	94 ft-lbs.	17,000 rpm	4.7"	1.5 lbs.	85.5 dB
SP-7146HX	1/4"	100 ft-lbs.	8,500 rpm	5.3"	2.1 lbs.	92.0 dB
SP-8102BU	1/4"	100 ft-lbs.	11,500 rpm	6"	2.6 lbs.	90.0 dB

Air Drill

SP-7527

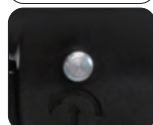
1/2" COMPOSITE AIR DRILL

400rpm

- 1/2"(13mm) Drill Chuck.
- Light Weight Composite Body.



Double Gear Mechanism
For Short body



SAS (Side And Side) System
Forward / Reverse
for one hand operation.



Air Exhaust with Muffler

SP-7527KL

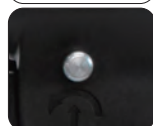
1/2" COMPOSITE AIR DRILL [KEYLESS CHUCK]

400rpm

- 1/2"(13mm) Keyless Drill Chuck.
- Light Weight Composite Body.



Double Gear Mechanism
For Short body



SAS (Side And Side) System
Forward / Reverse
for one hand operation.



Air Exhaust with Muffler

SP-1523D

3/8" STRAIGHT DRILL / TIRE BUFFER

- Precision drill chuck.
- Lever type.
- Right rotation only.



Model No.	Chuck Size	Free Speed	Overall Length	Net Weight	Sound Level
SP-7527	1/2"	400 rpm	7"	2.9 lbs.	86.8 dB
SP-7527KL	1/2"	400 rpm	7.1"	2.9 lbs.	86.8 dB
SP-1523D	3/8"	3,800 rpm	7.5"	1.59 lbs.	83.0 dB

Impact
Ratchet Wrench

Ratchet Wrench

Impact Wrench

Air Impact Driver

Air Drill

Cut-off Tool

Reciprocating Saw/
Disc Grinder

Die Grinder

Beveler

Sander/ Polisher

Air Hammer

Needle Scaler

Cut-off Tool

Impact
Ratchet Wrench

SP-7230

CUT-OFF TOOL (DISC SIZE : 3")

Ratchet Wrench



Impact Wrench

Air Impact Driver

- Ergonomic design cushion-grip handle.
- Rear exhaust. Safety throttle lever.
- Built-in power regulator.
- Direct drive motor. Graduated trigger.
- Metal guard. Cuts muffler clamps and hangers, sheet metal, radiator hose clamps, bumper bolts, and even steel rods up to 3/4".

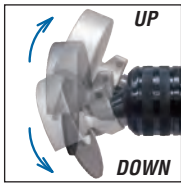
Air Drill

Cut-off Tool

SP-7231R

REVERSIBLE FLEX HEAD CUT-OFF TOOL (DISC SIZE : 3")

Reciprocating Saw/
Disc Grinder



- Built-in Power Regulator.
- Rear Exhaust.
- Safety Throttle Lever.
- Reverse Lever.

Die Grinder

**3-POSITION
FLEX HEAD**

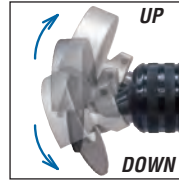


Beveler

Sander/ Polisher

SP-7231

FLEX HEAD CUT-OFF TOOL (DISC SIZE : 3")



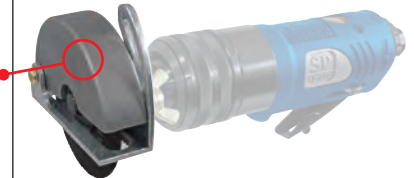
- Built-in Power Regulator.
- Rear Exhaust.
- Safety Throttle Lever.

**3-POSITION
FLEX HEAD**



7231AWC

ADJUSTABLE WHEEL COVER



Fits SP AIR model # SP-7231, SP-7231R.
Fits also MAC AT35A (Mac Brand)
Adjustable cut depth (Minimum 1/8")

Model No.	Disc Size	Free Speed	Overall Length	Net Weight	Sound Level
SP-7230	3"	20,000 rpm	6.8"	1.5 lbs.	90.0 dB
SP-7231	3"	18,000 rpm	8.6"	2.6 lbs.	90.0 dB
SP-7231R	3"	12,000 rpm	8.8"	2.8 lbs.	90.0 dB

Air Hammer

Needle Scaler

Reciprocating Saw/ Disc Grinder



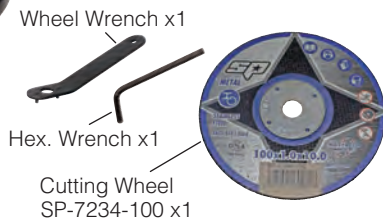
SP-7234

4" EXTENDED REACH CUT-OFF TOOL

- Long Shaft.
- Wheel Cover.
- Safety Lever.
- Built-in Power Regulator.
- Rear Exhaust.



Accessories



SP-1257

5" ANGLE DISC GRINDER [LEVER TYPE]

- Built-in governor mechanism.
- Safety lever.
- Handle grip mounts on either side for right or left hand operation.
- Hardened and ground spiral bevel gears for lower vibration.



SP-7610

RECIPROCATING SAW [GEAR TYPE]

- Adjustable Blade Guide.
- Safety Lever.
- Air Regulator.
- Cutting Capacity 5/32".



SP-7620

SHORT RECIPROCATING SAW [GEAR TYPE]

- Blade Guide.
- Safety Lever.
- Air Regulator.
- Cutting Capacity 5/64".

Compact Body



Scan to watch Demo Video

Tool Cutaway



Option

7610-200 Edge Blade



Durable 24 TPI blades. (Set of 10pcs.)

Accessories



Model No.	Disc Size	Free Speed	Overall Length	Net Weight	Sound Level
SP-7234	4"	14,000 rpm	13.8"	3.3 lbs.	88.8 dB
SP-1257	5"	12,000 rpm	9.3"	3.7 lbs.	86.0 dB

Model No.	Strokes/min.	Stroke	Overall Length	Net Weight	Sound Level
SP-7610	5,300	0.47"	8.15"	1.3 lbs.	86.5 dB
SP-7620	7,500	0.24"	6.1"	1.0 lbs.	86.5 dB

Impact Ratchet Wrench

Ratchet Wrench

Impact Wrench

Air Impact Driver

Air Drill

Cut-off Tool

Reciprocating Saw/ Disk Grinder

Die Grinder

Beveler

Sander/ Polisher

Air Hammer

Needle Scaler

Die Grinder

Impact
Ratchet Wrench

SP-7220

1/4" HEAVY-DUTY STRAIGHT DIE GRINDER

Ratchet Wrench



Impact Wrench

Air Impact Driver

- Ergonomic design cushion-grip handle.
- Rear exhaust.
- Built-in power regulator.
- Safety throttle lever.
- Direct drive motor with graduated trigger.

Air Drill

Cut-off Tool

SP-7212

1/4" HEAVY-DUTY 120 degree ANGLE HEAD DIE GRINDER



- 120 degree Angle head.
- Ergonomic design cushion-grip handle.
- Rear exhaust.
- Built-in power regulator.
- Safety throttle lever.

Beveler

Sander/ Polisher

SP-7211

1/4" HEAVY-DUTY 90 degree ANGLE HEAD DIE GRINDER



- Ergonomic design cushion-grip handle. Rear exhaust.
- Built-in power regulator.
- Safety throttle lever.

SP-1900

1/8" MICRO GRINDER



- Rear exhaust.
- Flexible 59" long hose.

Die Grinder

Air Hammer

Model No.	Collet Size	Free Speed	Overall Length	Net Weight	Sound Level
SP-7220	1/4"	20,000 rpm	6.9"	1.37 lbs.	90.1 dB
SP-7211	1/4"	18,000 rpm	6.9"	1.75 lbs.	87.8 dB
SP-7212	1/4"	18,000 rpm	6.6"	1.69 lbs.	86.8 dB
SP-1900	1/8"	70,000 rpm	6" (w/o hose)	0.9 lbs. (w/o hose)	78.3 dB

Needle Scaler

SP-7200

1/4" STRAIGHT DIE GRINDER



- Ergonomic design cushion-grip handle.
- Swivel Air Inlet with 360° Exhaust Sleeve.
- Built-in power regulator.
- Safety throttle lever.
- Direct drive motor with graduated trigger.

SP-7201

1/4" ANGLE HEAD DIE GRINDER



- 90 degree corner type.
- Anti-vibration ultra-soft grip.
- Easy adjustment of the regulator.
- Swivel inlet and exhaust.

SP-7202

1/4" ANGLE HEAD DIE GRINDER



- 120 degree corner type.
- Safety throttle lever.
- Urethane covered cushion grip.
- Built-in power regulator.
- 360 degrees rotating rear exhaust.

SP-4BS

CARBIDE BURR 4pc SET FOR FERROUS MATERIALS

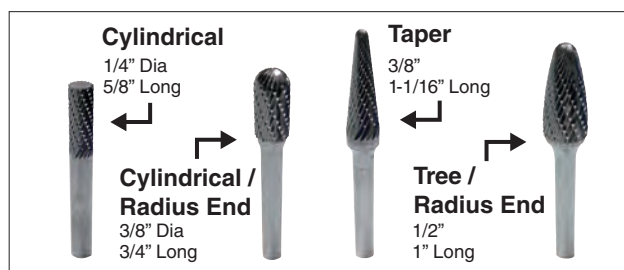
- For use with 1/4" High Speed Die Grinders.
- For use in metalworking, mold and pattern making, die sinking, surface cleaning and maintenance.
- Removes Burrs from Sheet metal or cast iron.
- Cleans up welding areas.



Ratchet Wrench

Impact Wrench

CARBIDE BURRS



Air Impact Driver

Air Drill

SP-4NF

CARBIDE BURR 4pc SET FOR ALUMINUM / NON-FERROUS MATERIALS

- Allowing rapid stock removal on nonferrous and plastics materials.
- Avoiding clogging.
- Ensures smooth cutting operation.
- Giving a guaranteed smoother grinding operation.

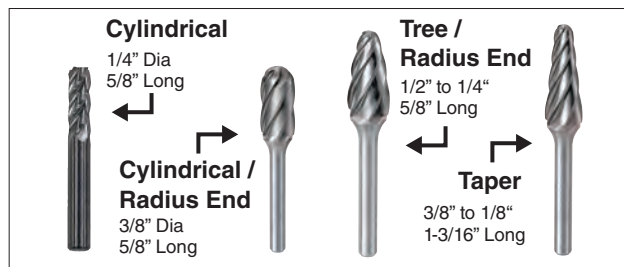


Cut-off Tool

 Reciprocating Saw/
Disc Grinder

Die Grinder

CARBIDE BURRS



Beveler

Sander/ Polisher

Model No.	Collet Size	Free Speed	Overall Length	Net Weight	Sound Level
SP-7200	1/4"	23,000 rpm	6"	0.88 lbs	82.0 dB
SP-7201	1/4"	20,000 rpm	6.4"	1.25 lbs	82.4 dB
SP-7202	1/4"	20,000 rpm	7.6"	1.23 lbs	83.0 dB

Air Hammer

Needle Scaler

Beveler

Impact Ratchet Wrench

Ratchet Wrench

Impact Wrench

Air Impact Driver

Air Drill

Cut-off Tool

Reciprocating Saw/ Disc Grinder

Die Grinder

Beveler

Sander/ Polisher

Air Hammer

Needle Scaler

SP-7252F

AIR MINI BEVELER [STRAIGHT]

SP-7252FR

AIR MINI BEVELER [RADIUS]

Palm Size



- Safety Throttle Lever.
- Front Exhaust for cooling metal.



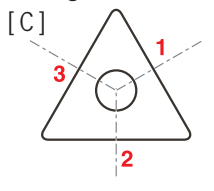
Scan to watch Demo Video

- Use the Palm Beveler to: Clean up the welds, Beveling steel or aluminum edges for Custom work, Automotive, Motorcycles, Marine and Aircraft uses.
- 45° Straight and Radius Blade available.

3 Blade Cutting Head

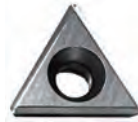


3 Edged Cutters [C]



Replacement Blade

45° Straight



SPP-252-C1.5-1P
(3pcs, 10pcs)

Radius



SPP-252-R1.5-1P
(3pcs, 10pcs)

Flange with Scale to Set Depth of Bevel



Applied Example

Cut Radius Chamfers

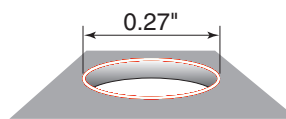


Cut Straight Chamfers

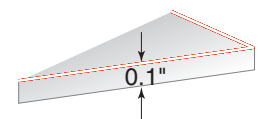
Cut Straight & Radius Chamfers

Machines chamfering capabilities

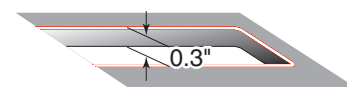
Cuts inside circles with a 0.27" diameter or more



Cuts materials with a minimum of 0.1" thickness



Will make blind cuts with a minimum of 0.3" depth



Model No.	Min. Diameter	Chamfering Capacity	Free Speed	Overall Length	Net Weight	Sound Level
SP-7252F	0.27"	C45° 0.06"	23,000 rpm	4.4"	0.9 lbs.	81.5 dB
SP-7252FR	0.27"	R0.06"	23,000 rpm	4.4"	0.9 lbs.	81.5 dB

Sander/ Polisher

SP-1350

5" HIGH SPEED SANDER

- Handle Exhaust with Silencer.
- Rubber Cover.



SP-7201DA

2" MINI D/A SANDER

- Swivel Air Inlet with 360° Exhaust Sleeve.



2" SANDING DISC



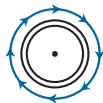
SPP-7201DA-80 (25PK,50PK,100PK)
 SPP-7201DA-180(25PK,50PK,100PK)
 SPP-7201DA-320(25PK,50PK,100PK)

SP-7500AHM

3" MINI POLISHER

- Swivel Air Inlet with 360° Exhaust Sleeve.
- Spindle Size: 5/16-24UNF.
- Air Regulator.

LOW SPEED
SINGLE ACTION



3" 100% Twist Wool Pad



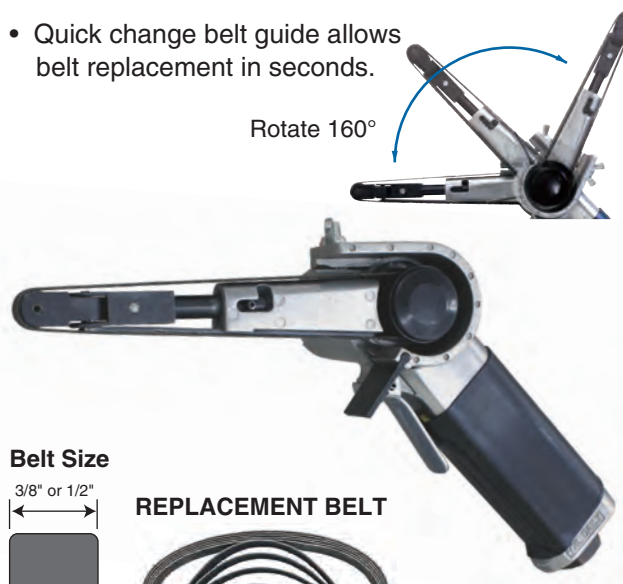
- Well Balanced.
- More Powerful.
- Wide Range of Uses.
- Polish Small Areas.
- Polish Complex Shapes.

SP-1370A

3/8" & 1/2" x 13" BELT SANDER

- Quick change belt guide allows belt replacement in seconds.

Rotate 160°



Belt Size



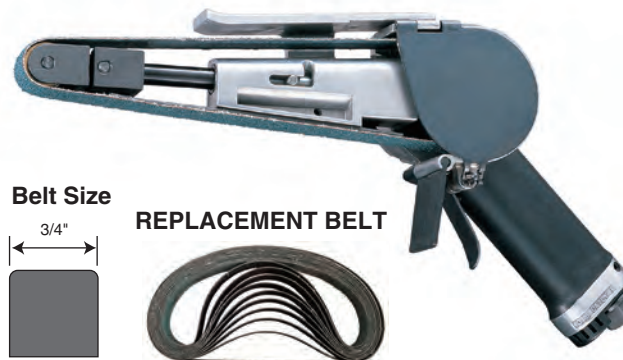
REPLACEMENT BELT



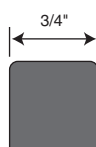
Replacement Belt
SPP-370-80 (5pcs, 10pcs)

SP-1380

3/4" x 20-1/2" BELT SANDER



Belt Size



REPLACEMENT BELT



Replacement Belt
SPP-380-60 (5pcs, 10pcs)

Model No.	Disc Size	Free Speed	Overall Length	Net Weight	Sound Level
SP-1350	3" & 5"	15,000 rpm	5"	2.1 lbs.	77.8 dB
SP-7201DA	2"	12,000 rpm	6.3"	1.3 lbs.	87.9 dB
SP-7500AHM	3"	2,500 rpm	7.9"	1.7 lbs.	85.8 dB

Model No.	Belt Size	Free Speed	Overall Length	Net Weight	Sound Level
SP-1370A	3/8 & 1/2" x 13"	16,000 rpm	11"	1.7 lbs.	82.0 dB
SP-1380	3/4" x 20-1/2"	17,000 rpm	14.4"	3.1 lbs.	85.5 dB

Impact Ratchet Wrench

Ratchet Wrench

Impact Wrench

Air Impact Driver

Air Drill

Cut-off Tool

Reciprocating Saw/
Disc Grinder

Die Grinder

Beveler

Sander/ Polisher

Air Hammer

Needle Scaler

Air Hammer

Impact
Ratchet Wrench

SP-1400

LONG BARREL AIR HAMMER

Ratchet Wrench



Impact Wrench

- For industrial and auto repair applications.
- Ideal for general cutting, body panel crimping, shearing, rust/paint removal, chipping and scraping.
- Comfortable non-slip ergonomic grip.
- Graduated trigger control.
- Built-in air regulator.
- Quick change coil spring retainer allows for fast and easy chisel changes.
- Handle exhaust.

Air Impact Driver

Air Drill

Cut-off Tool

Reciprocating Saw/
Disc Grinder

Die Grinder

Beveler

Sander/ Polisher

Air Hammer

Needle Scaler

SP-1410

AIR HAMMER



- Variable speed trigger.
- Built-in regulator.
- Quick change coil spring retainer allows for fast and easy chisel changes.

SP-1410K

AIR HAMMER KIT

Accessories



Sheet metal chisel



Flat chisel



Tapered punch chisel



Spot welder chisel



Model No.	Shank Size	Free Speed	Overall Length	Net Weight	Sound Level
SP-1400	0.4"	2,100 rpm	8.5"	3.6 lbs.	96 dB
SP-1410/ SP-1410K	0.4"	3,000 rpm	8.5"	3.6 lbs.	96 dB

Needle Scaler



SP-1460

NEEDLE SCALER [SMALL]



SP-1470

NEEDLE SCALER [LARGE]



Model No.	Piston Diameter	Stroke	Needle	Blows/min.	Overall Length	Net Weight	Vibration Level A
SP-1460	3/4"	1/2"	1/8" x 12 pcs	5,000	9"	2.8 lbs.	27.87 m/s ²
SP-1470	1"	7/8"	1/8" x 19 pcs	4,000	16"	5.7 lbs.	31.68 m/s ²

Impact
Ratchet Wrench

Ratchet Wrench

Impact Wrench

Air Impact Driver

Air Drill

Cut-off Tool

Reciprocating Saw/
Disc Grinder

Die Grinder

Beveler

Sander/ Polisher

Air Hammer

Needle Scaler