

# ENGINEER®

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## Screw Rescue: The Complete Catalog for Stripped Screw Removal Tools

Screw Rescue: The Complete Catalog for Stripped Screw Removal Tools

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# Neji-Chat®



I'll solve your screw problems!



## Screw Removal Pliers Series



Stripped or rusted screws - just grip & turn!



## Socket Screw Extractor Series



Remove stripped hex socket screws without hammering!



## Phillips Screw Extractor Series



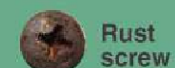
Time-saving! Designed for stripped Phillips screws



## Rust Remover



Rust Remover to remove the rust off screws within seconds!



## Screw Removal Pliers Series

Applicable screw head size (mm)  
Video

### All Rounder

Work, home, DIY, and so on



PZ-22  
Value type



Φ3~9.5

PZ-55  
The original!



— Φ3~8

PZ-58  
For multiple applications



Φ3~9.5

PZ-77  
Slim tip and new power handle



Φ3~9.5

### Electronic Work

Ideal for board work such as SSD and maintenance of home-built PCs



PZ-57  
ESD grip, compact and easy to handle



— Φ2~3.5

PZ-60  
For deep places



— Φ2~5.5

### Black Finish

Reduces light reflection and rust  
Black oxide coated



PZ-32  
Tough model for outdoor uses



Φ3~9.5

### Maintenance

Maintenance and demolition at work sites and other various tasks



PZ-54  
Switchable fulcrum



— Φ3~9.5

PZ-59  
Strongest and most powerful!



Φ3~12

### Electrical Work

Specializes in electrical work such as cutting wires and tightening cable ties



PZ-75 **NEW**  
Shears cables in a snap  
Two blade types



Φ3~9.5

PZ-79  
Easy cutting of VA wires and welding



Φ3~12

PZ-78  
30% increased cutting power



Φ3~12

### Plumbing Work

Necessary functions added for plumbing and piping works



PZ-82 **NEW**  
Ideal for working in secluded places, and also for vinyl coated pipe works



— Φ3~9.5

### Auto Mechanic

The vice function allows the screw to be locked strongly



PZ-67  
No need to adjust!



Φ3~9.5

PZ-68 **NEW**  
More big, more powerful!



Φ3~9.5

PZ-64 · 65  
Small type for easy handling and large type that is easy to apply force



Φ3~9.5

PZ-66  
For deep places



Φ3~5.5



## Screw Removal Series

### Screw heads above the surface

Stripped Dome head Torx



### All Rounder

#### Screw Removal Pliers GTV (PZ-77)

- Grip super-thin screw heads tightly!
- Tapered and slender head is ideal for working in a confined area
- 182mm long body requires less handgrip strength

Dome head T-shaped handles Patented Spring RoHS2



Comes with a pliers mask for neat storage (PZM-77)

#### Cutting Capacity (mm)

- Stainless Wire  $\phi 2$
- Steel Wire  $\phi 3.2$
- Copper Wire  $\phi 4$

#### Screw Removal Pliers GTV Mauve pink (PZ-77P)

- Also available in pink



Your "Go-To" tool to tackle many daily challenges!



#### Screw Removal Pliers GT (PZ-58)

- Ultimate bite! Serrated jaws fit around the screw head
- Spring loaded for fatigue-free work

Dome head T-shaped handles Patented Spring RoHS2



#### Related Products



#### Screw Eater (PZ-22)

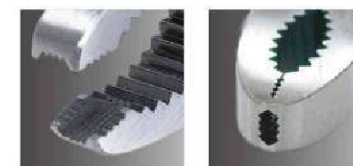
- Unique jaws with vertical serrations can grip the screw head securely without slipping, helpful in confined areas
- Just grip and turn!! - High leverage structure makes it easy to grip
- Inter-meshed Side Teeth -- Enough force to grip ultra-thin plates as tightly as thick materials when the jaws are closed

Dome head T-shaped handles Inter-meshed teeth Patented Spring RoHS2



#### Screw Removal Pliers (PZ-55)

- The basic Screw Removal Pliers: powerful and simple!



Item No.	Size (mm)	Tip hardness (HRC)	Applicable screw head size (mm)	Cutting capacity (mm)	Weight (g)	Material
PZ-77	W182xH50xD15	60±2	φ3~9.5	Copper Wire φ4.0	183	Body: Carbon Steel Handles: TPR (Only PZ-55: PVC)
PZ-77P	W182xH50xD15			Steel Wire φ3.2	183	
PZ-58	W160xH54xD15			Copper Wire φ3.2	130	
PZ-22	W175xH52xD15	56±2	φ3~8	-	165	TPR
PZ-55	W150xH53xD11			-	125	
PZM-77	-	-	-	-	-	-
PZM-77P	-	-	-	-	-	-
PZM-58	-	-	-	-	-	-



## Electronic Work

### Screw Removal Pliers m2 (PZ-57)

Convenient for working on electronic devices  
Small-sized 120mm body with ESD-safe handles

- Ideal for removing small stripped or special screws
- ESD-Safe TPR handles
- Grip end with strap hole
- Used for laptops, mother boards, prototype electronics, mobile phones, game consoles, RC toys, drones, character figures and other electronic appliances

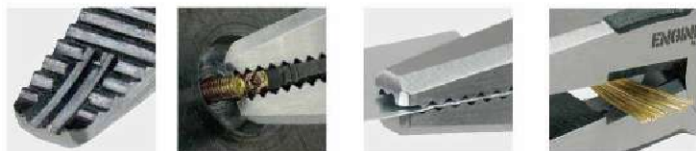


ESD-Safe handles  
(1x10<sup>6</sup>~10<sup>7</sup>Ω) RoHS2

### Screw Removal Pliers Z (PZ-60)

Alligator-like tough gripping needle nose with screw removing jaws

- Long nose pliers with non-slip gripping inter-meshed side teeth
- Screw removal with vertical serrations at the tips - just grip & turn!!
- Durable comfort grips made of TPR
- Side cutter for copper wires



Dome head T-shaped handles Inter-meshed teeth RoHS2

## Black Finish

### Screw Removal Pliers JS (PZ-32)

Multi-purpose extraction tool for stubborn fasteners... Black finish!

- Vertical serrations grip the screw head without slipping
- Inter-meshed side teeth make it possible to hold very thin boards firmly
- Black oxide coating to increase rust-resistance!



#### Related Products



Item No.	Size (mm)	Tip hardness (HRC)	Applicable screw head size (mm)	Cutting capacity (mm)	Weight (g)	Material
PZ-57	W120xH52xD11	56±2	Φ2~3.5	—	100	Body:Carbon Steel Handles:TPR
PZ-60	W193xH57xD15	60±2	Φ2~5.5	Copper Wire Φ3.2 Steel Wire Φ2.6	180	
PZ-32	W160xH55xD16		Φ3~9.5	125		
PZM-30	—	—	—	—	—	TPR

## Maintenance

### Screw Removal Pliers RX (PZ-59)

Dome head T-shaped handles Inter-meshed teeth Patented RoHS2

8-inches heavy-duty screw extracting tool, the multi-purpose gripping pliers  
The patented vertically-serrated jaws can bite a damaged, broken or rusted screw head with no slip!

- Much faster than a fluted screw extractor bit and simpler than vise grip pliers
- Ideal for professionals, auto mechanics, builders, etc
- Inter-meshed side teeth make it possible to hold very thin boards firmly

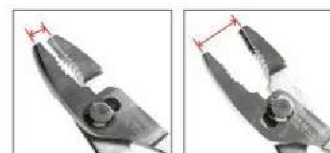


### Screw Removal Pliers CP (PZ-54)

Dome head Patented RoHS2

Slip-joint Screw Removal Pliers: 2-way opening jaws!

- Unique and vertically-serrated jaws grip a stripped screw head securely without slipping
- Much faster than a fluted screw extractor and simpler than vise grip pliers
- Side cutter for steel wires. (dia. 2mm max.)
- Side jaws ideal for holding a round pipe, hexagonal nut, etc



Grip super-thin screw head tightly!



Item No.	Size (mm)	Tip hardness (HRC)	Applicable screw head size (mm)	Cutting capacity (mm)	Weight (g)	Material
PZ-59	W204xH53xD19	60±2	Φ3~12	Copper Wire Φ3.5 Steel Wire Φ3.2	295	Body:Carbon Steel Handles:TPR
PZ-54	W175xH48xD14		Φ3~9.5	Steel Wire Φ2.0	155	Body:Carbon Steel Handles:PVC



## Electrical Work

### Screw Removal Pliers VAX (PZ-75) **NEW**

- Grip super-thin screw heads tightly!
- Cuts PVC insulated 3-core cables easily with one hand
- A must for electricians!



Vertical serrations for screw removal

### Screw Removal Pliers VA (PZ-79)

- Crimper for bare terminals (AWG16~12)
- Cross-hatched jaws to hold thin plates, cable ties and other parts tightly without slipping



Cross-hatch



### Screw Removal Pliers EL (PZ-78)

- Unique screw removal jaws must for electricians
- 21mm-long side cutting blades, ideal for cutting 3-core flat cables



VVF :2.6x3C  
Steel Wire :φ3.2mm  
Copper Wire :φ4mm  
Stainless Wire :φ2mm  
Stranded Wire :8mm<sup>2</sup>



Side jaws  
Remove nuts easily



Crimper for bare terminals  
1.25~3.5mm<sup>2</sup>



High leverage  
30% more powerful compared to conventional pliers



Strap hole

Item No.	Size (mm)	Tip hardness (HRC)	Applicable screw head size (mm)	Cutting capacity (mm)	Blade length (mm)	Weight (g)	Material
<b>NEW</b> PZ-75	W205xH53xD14	60±2	φ3~9.5	Steel Wire φ2.5	20	297	Body:Carbon Steel Handles:TPR (Only PZ-79:PVC)
PZ-79	W215xH52xD27		φ3~12				
PZ-78	W225xH54xD27		Steel Wire φ3.2				

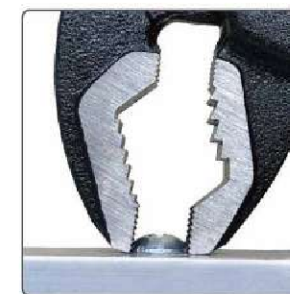
## Plumbing Work

### Screw Removal Pliers WP-3 (PZ-82) **NEW**

- Unique screw removal jaws must for plumbers & mechanics
- 245mm long body with high leverage and wide opening jaws (max. 50mm)
- Quick adjustment of opening jaws
- Holds round bars, square bars, hex. nuts, sheet metals, etc.
- Vertical serrations for removing stripped or rusty screws



Pipe φ5~50mm Hex. nut 5~47mm



Screw head size  
φ3~9.5mm



### Quick Adjust Grooved Joint

- 1 Push the button & slide
- 2 Place the upper jaw to the workpiece
- 3 Slide up the lower jaw
- 4 Tight grip!

No need to push the button

Item No.	Size (mm)	Tip hardness (HRC)	Applicable screw head size (mm)	Max. opening (mm)	Weight (g)	Material
<b>NEW</b> PZ-82	W245xH57xD27	60±2	φ3~9.5	50	350	Body:Carbon Steel Handles:PVC



## Auto Mechanic

### Self-locking function

No need to adjust the jaws opening, just clamp it to lock!



### Screw Removal Pliers VP-4 (PZ-67)



### Screw Removal Pliers VP-5 (PZ-68) **NEW**



### Clamping force adjustment



Item No.	Size (mm)	Tip hardness (HRC)	Applicable screw head size (mm)	Weight (g)	Material
PZ-67	W175xH52xD18	57±3	Φ3~9.5	265	Body:Chrome Molybdenum
<b>NEW</b> PZ-68	W220xH64xD20			550	

### Screw Removal Pliers VP-1 · 2 (PZ-64 · 65)



Hold the screw head and lock it up to twist!!

· Quick release mechanism: just open the handles to unlock



PZ-64



Can be retightened with a hex key wrench (3mm)

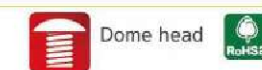


PZ-65

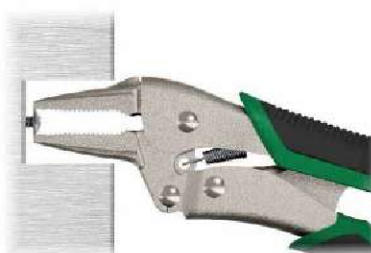


Can be retightened with a hex key wrench (4mm)

### Screw Removal Pliers VP-3 (PZ-66)



· Slender nose type



Can be retightened with a hex key wrench (3mm)



Item No.	Size (mm)	Tip hardness (HRC)	Applicable screw head size (mm)	Cutting capacity (mm)	Weight (g)	Material
PZ-64	W150xH55xD18	57±3	Φ3~9.5	Copper Wire Φ1.6	205	Body:Chrome Molybdenum Handles:TPR
PZ-65	W190xH70xD25			Copper Wire Φ2.3	400	
PZ-66	W150xH55xD18			—	210	



## Socket Screw Extractor Series

Remove stripped hex socket screws without hammering!



### How to Choose

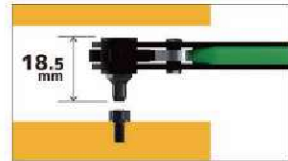
#### Short Type

[DBZ-310~350]

18mm Bits

For narrow spaces

13 Page



#### Middle Type

[DBZ-410~450]

65mm Bits

For screws in deep holes

14 Page



#### Long Type

[DBZ-62~65]

105mm Bits

15 Page



#### Socket Type

[DWZ-05~10]

29mm Bits

Square drive type allen bolt extractors

15 Page



### Select by across flats size

Across Flats Size	Across Flats Size										
	H0.89	H1.5	H2	H2.5	H3	H4	H5	H6	H8	H10	
Short	310	315	320	325	330	340	350	-	-	-	
Middle	410	415	420	425	430	440	450	-	-	-	
Long	-	-	62	63	63	64	65	-	-	-	
Socket	-	-	-	-	-	-	05	06	08	10	

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I'll solve your screw problem!

### Select by screw size

Screw size	Hex socket screw	Button	Flat head	Hex socket set screw
M1.0	DBZ-310 / 410	-	-	-
M1.6	DBZ-315 / 415	-	-	-
M2.0		-	-	DBZ-310 / 410
M2.5	DBZ-320 / 420 / 62	DBZ-315 / 415	DBZ-315 / 415	-
M3.0	DBZ-325 / 425 / 63	DBZ-320 / 420 / 62	DBZ-320 / 420 / 62	DBZ-315 / 415
M4.0	DBZ-330 / 430 / 63	DBZ-325 / 425 / 63	DBZ-325 / 425 / 63	DBZ-320 / 420 / 62
M5.0	DBZ-340 / 440 / 64	DBZ-330 / 430 / 63	DBZ-330 / 430 / 63	DBZ-325 / 425
M6.0	DBZ-350 / 450 / 65, DWZ-05	DBZ-340 / 440 / 64	DBZ-340 / 440 / 64	DBZ-330 / 430
M8.0	DWZ-06	DBZ-350 / 450 / 65, DWZ-05	DBZ-350 / 450 / 65, DWZ-05	DBZ-340 / 440
M10	DWZ-08	DWZ-06	DWZ-06	DBZ-350 / 450 / 65, DWZ-05
M12	DWZ-10	DWZ-08	DWZ-08	DWZ-06
M14	-	-	DWZ-10	-
M16	-	DWZ-10	-	DWZ-08
M20	-	-	-	DWZ-10

## Application to Torx, Phillips, etc.



Select the appropriate size for the pilot hole



### Compatible screw

Item No.	Remove stripped hex socket screws without hammering					Application to Phillips, Torx			
	Across flats	Cap bolt	Hexagon socket		Hex socket set screw	Diameter (mm)	Phillips	Torx	Max. limit of size *1
DBZ-310 / 410	H0.89	M1	-	-	M2	Φ 1.0	M1.6	T3, T4	M2
DBZ-315 / 415	H1.5	M1.6, M2	M2.5	M2.5	M3	Φ 1.5	M2	T5, T6	M2.6
DBZ-320 / 420 / 62	H2	M2.5	M3	M3	M4	Φ 2.0	M2.6	T7, T8	M3
DBZ-325 / 425 / 63	H2.5	M3	M4	M4	M5 *2	Φ 2.5	M3	T10	M4
DBZ-330 / 430 / 63	H3	M4	M5	M5	M6 *2	Φ 3.0	M4 *2	T15 *2	M5
DBZ-340 / 440 / 64	H4	M5	M6	M6	M8 *2	Φ 4.0	M5	T20, T25	M6
DBZ-350 / 450 / 65, DWZ-05	H5	M6	M8	M8	M10	Φ 5.0	M6	T27, T30	M8
DWZ-06	H6	M8	M10	M10	M12	Φ 6.0	M8	T40	M10
DWZ-08	H8	M10	M12	M12	M16	Φ 8.0	M10	T45, T50	M12
DWZ-10	H10	M12	M16	M14, M16	M20	Φ10.0	-	T55	M16

\*1 Use of screws larger than the maximum size limit may result in damage. Excluding set screws.

\*2 Excluding DBZ-63, DBZ-64.



For more information about tool selection and actual working methods, please check here.

▼ Watch the case study blog!

**Cleaner**

prepared hole 2.5 mm  
DBZ-425

**Game console controller**

prepared hole 2 mm  
DBZ-62

**Laptop**

prepared hole 1.5 mm  
DBZ-315

**Penlight**

DBZ-57

**Smart key**

prepared hole 1 mm  
DBZ-410

**Door stabilizer**

prepared hole 6 mm  
DWZ-06



# Short Series

## Socket Screw Extractor - Short Bits - (DBZ-310~350)

- Super-short (18mm) Socket screw extractors, ideal for working in narrow spaces.



### Short Type

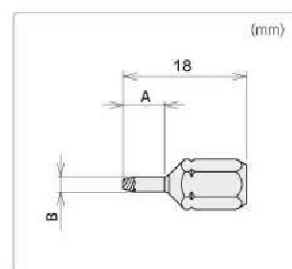


DBZ-350 & DR-27



### Size / Compatible screw

Item No.	Across flats (mm)	Cap bolt	Hex socket button & flat head	*2 Hex socket set screw
DBZ-310	0.89 *1	M1	—	M2
DBZ-315	1.5	M1.6 / M2	M2.5	M3
DBZ-320	2	M2.5	M3	M4
DBZ-325	2.5	M3	M4	M5
DBZ-330	3	M4	M5	M6
DBZ-340	4	M5	M6	M8
DBZ-350	5	M6	M8	M10



Item No.	Size (mm)	Weight (g)
DBZ-310	5    A    B	2.8
DBZ-315	6    A    B	2.9
DBZ-320	6    A    B	3.1
DBZ-325	6    A    B	3.4
DBZ-330	6    A    B	3.6
DBZ-340	6    A    B	4.0
DBZ-350	—    —    —	4.3

(\*1) The bit for 0.89 mm (DBZ-310) is printed with "1.0"  
 (\*2) Do not use on stuck hex socket set screws

### Socket Extractor Short Set (DBZ-301)

NEW



- [Contents]  
 DBZ-310  
 DBZ-315  
 DBZ-320  
 DBZ-325  
 DBZ-330  
 DBZ-340  
 DBZ-350

### Mini Offset Ratchet with Socket Extractor Set (DZ-273)

NEW



- [Contents]  
 DR-27  
 DBZ-301

### Socket Extractor Short Set (DBZ-302)

NEW



- [Contents]  
 DBZ-310  
 DBZ-315  
 DBZ-320  
 DBZ-325

### Mini Offset Ratchet with Socket Extractor Set (DZ-275)

NEW



- [Contents]  
 DR-27  
 DBZ-302

### Socket Extractor Short Set (DBZ-303)

NEW



- [Contents]  
 DBZ-325  
 DBZ-330  
 DBZ-340  
 DBZ-350

### Mini Offset Ratchet with Socket Extractor Set (DZ-276)

NEW

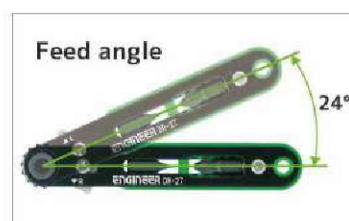
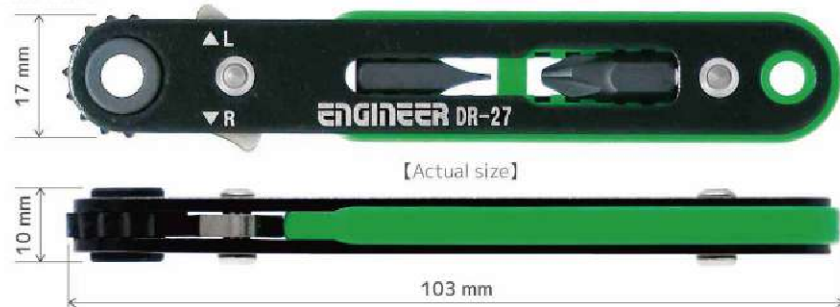


- [Contents]  
 DR-27  
 DBZ-303

## Mini Offset Ratchet (DR-27)

Super-thin head for narrow spaces

- Standard bits: (+) #2 & (-) 6mm
- Quick ratchet dial



# Middle Series

## Socket Screw Extractor - Middle Bits - (DBZ-410~450)

- 65mm long Socket Screw Extractors
- Ideal for working in limited spaces

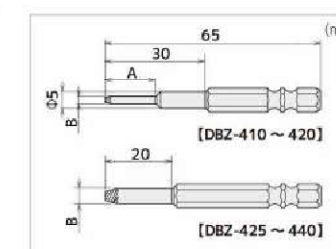


### Middle Type



### Size / Compatible screw

Item No.	Across flats (mm)	Cap bolt	Hex socket button & flat head	*2 Hex socket set screw
DBZ-410	0.89 *1	M1	—	M2
DBZ-415	1.5	M1.6 / M2	M2.5	M3
DBZ-420	2	M2.5	M3	M4
DBZ-425	2.5	M3	M4	M5
DBZ-430	3	M4	M5	M6
DBZ-440	4	M5	M6	M8
DBZ-450	5	M6	M8	M10



Item No.	Size (mm)	Weight (g)
DBZ-410	10    A    B	11.5
DBZ-415	15    A    B	11.2
DBZ-420	15    A    B	11.4
DBZ-425	—    A    B	12.6
DBZ-430	—    A    B	13.5
DBZ-440	—    A    B	14.6
DBZ-450	—    A    B	16.2

(\*1) The bit for 0.89 mm (DBZ-410) is printed with "1.0"  
 (\*2) Do not use on stuck hex socket set screws

### Socket Extractor Middle Set (DBZ-401)

NEW



- [Contents]  
 DBZ-410  
 DBZ-415  
 DBZ-420  
 DBZ-425  
 DBZ-430  
 DBZ-440  
 DBZ-450

### Socket Screw Extractor Set with Mini Handle (DZ-84)

NEW



- [Contents]  
 DZ-80  
 DBZ-401

### Socket Extractor Middle Set (DBZ-402)

NEW



- [Contents]  
 DBZ-410  
 DBZ-415  
 DBZ-420  
 DBZ-425

### Socket Screw Extractor Set with Mini Handle (DZ-85)

NEW



- [Contents]  
 DZ-80  
 DBZ-402

### Socket Extractor Middle Set (DBZ-403)

NEW



- [Contents]  
 DBZ-425  
 DBZ-430  
 DBZ-440  
 DBZ-450

### Socket Screw Extractor Set with Mini Handle (DZ-86)

NEW



- [Contents]  
 DZ-80  
 DBZ-403

### Mini Handle (DZ-80) Handle only

NEW

- Compact body with excellent portability and operability
- Rotary head for precision work





# Long Series

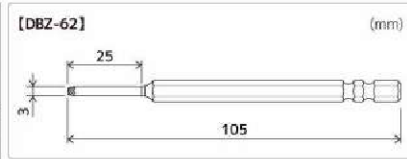
## Socket Screw Extractor - Long Bits - (DBZ-62~65)

· 65mm long Socket Screw Extractors **Long Type**



### Size / Compatible screw

Item No.	Across flats (mm)	Cap bolt	Hex socket button flat head	Hex socket set screw
DBZ-62	2	M2.5	M3	M4
DBZ-63	2.5 ~ 3	M3 / M4	M4 / M5	-
DBZ-64	4	M5	M6	-
DBZ-65	5	M6	M8	M10



Item No.	Size (mm)	Weight (g)
DBZ-62	105	25
DBZ-63	105	27
DBZ-64	105	27
DBZ-65	105	27
DBZ-20	125	125

### 4-in-1 Socket Screw Extractor Set (DBZ-20)



### Socket Screw Extractor set with Handle (DZ-74)



## Go-through Screwdriver (DZ-70) Handle only

- Ergonomically designed comfort handle accepts 6.35mm driver bit (Bit length over 50mm recommended)
- The handle is narrow in the middle to place fingers here for safety, and useful for quick tightening



# Square Drive series

## Socket Screw Extractor -Square Drive type- (DWZ-05~10) **NEW**

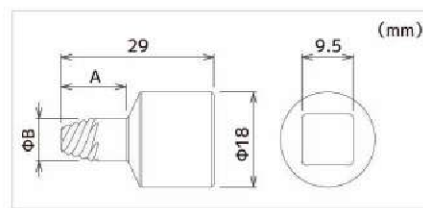
- Removing hexagon socket (Allen) screws and hex. socket set screws that are broken by an Allen key. For hex. size 5-10mm (AF)
- Works with your own socket wrench handle (9.5mm sq. drive)

· 29mm-Allen Bolt Extractors **Square Drive Type**



### Size / Compatible screw

Item No.	Across flats (mm)	Cap bolt	Hex socket button flat head	Hex socket set screw
DWZ-05	5	M6	M8	M10
DWZ-06	6	M8	M10	M12
DWZ-08	8	M10	M12	M16
DWZ-10	10	M12	M14/M16	M20

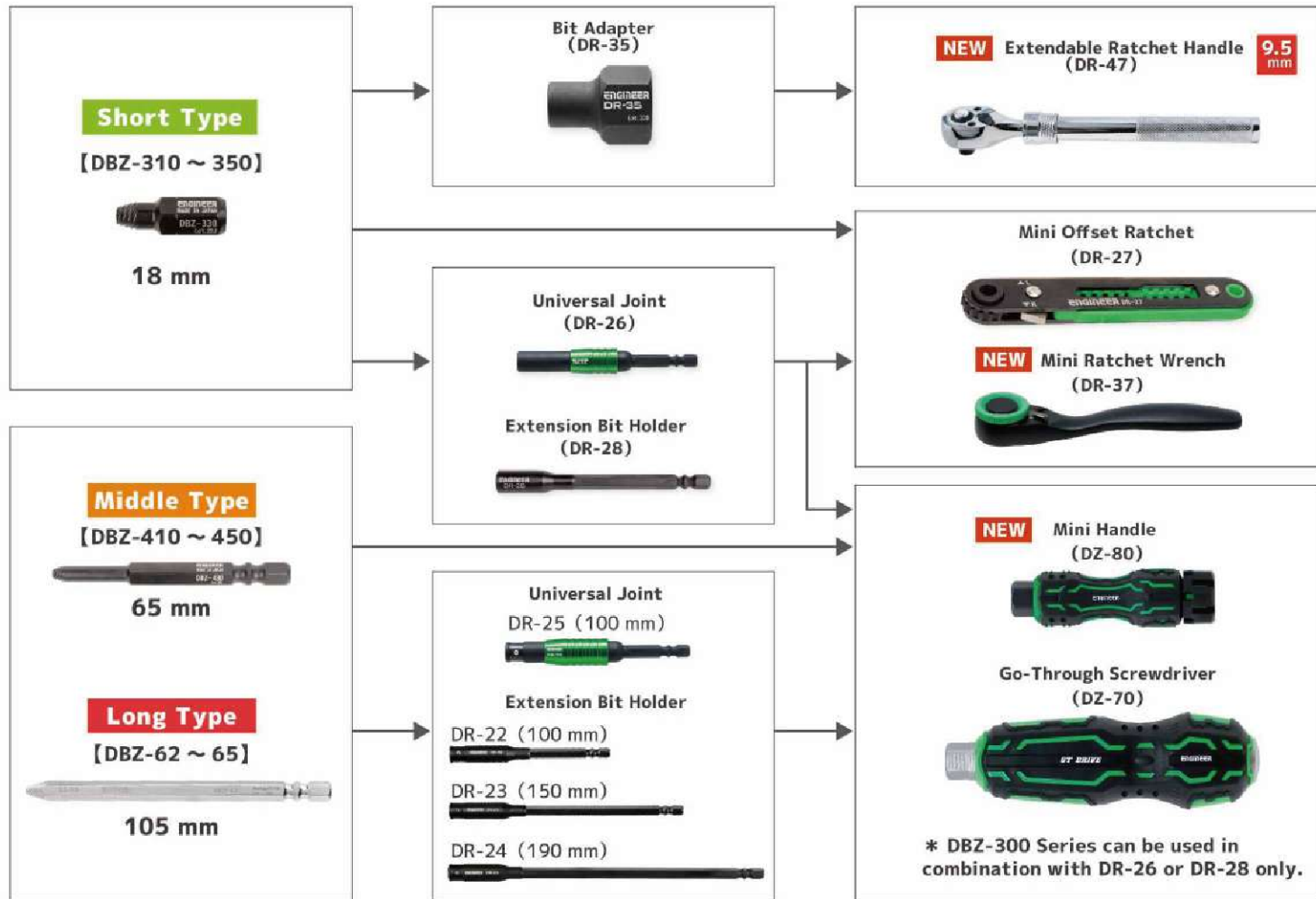


Item No.	Size (mm)	Weight (g)
DWZ-05	12.3 8	24
DWZ-06	13 9.6	26
DWZ-08	13.4 12.5	29
DWZ-10	14 15	33
DWZ-302	- -	120

(\*) Do not use on stuck hex socket set screws

# Combination of Socket Screw Extractors

## Related products



Compatible tools	Mini Offset Ratchet (DR-27)	Extendable Ratchet Handle (DR-47) + Bit Adapter (DR-35)	Extension Bit Holder (DR-28)	Mini Handle (DZ-80)	Extension Bit Holder (DR-22, 23, 24)
Item No.	Mini Ratchet Wrench (DR-37)		Universal Joint (DR-26)	Go-Through Screwdriver (DZ-70)	Universal Joint (DR-25)
<b>Short Type</b> (DBZ-310~350) 18 mm	○	○	○	×	×
<b>Middle Type</b> (DBZ-410~450) 65 mm	△※	△※	△※	○	○
<b>Long Type</b> (DBZ-62~65) 105 mm	△※	△※	△※	○	○

※△ It can be installed, but the bit may be damaged. Do not use for screws larger than M6.



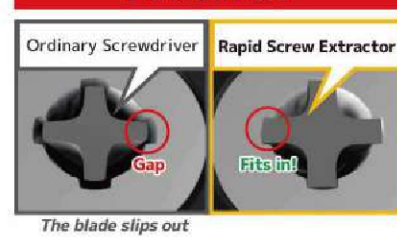


**Time-saving!  
Designed for stripped Phillips screws**

Remove the stripped countersunk screw without hitting it with a hammer



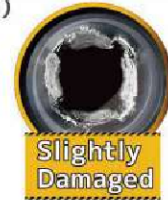
**Features**



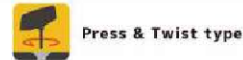
Innovative design of the blade tip

**Extractor Bit for "slightly damaged phillips screws" (DBZ-51-57-58)**

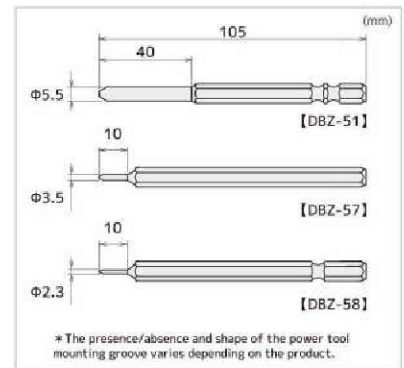
- Elaborately crafted blades catch the stripped Phillips screw
- DBZ-51 for Phillips No.2 screw requires no hammer
- Simply press down on the screw & twist it out!!
- Shank size: Hex. 6.35mm



Slightly Damaged



Press & Twist type



\*The presence/absence and shape of the power tool mounting groove varies depending on the product.

Item No.	Screw size	Weight (g)
DBZ-51	No.2 (M3-5)	24
DBZ-57	No.1 (M2-3)	25
DBZ-58	No.0 (M1.4-2)	25



Watch battery replacement Glasses repair

**Extractor Bit for "heavily damaged phillips screws" (DBZ-52)**

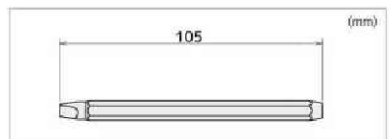
- Strike the end with a hammer to stick the blade into the recess



Strike & Turn type



Heavily Damaged



Item No.	Screw size	Weight (g)
DBZ-52	No.2 (M3-5)	27

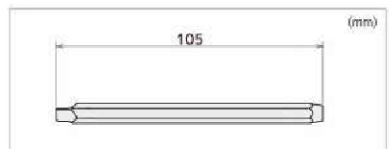
**Rapid removal! Designed for heavily-damaged hexagon socket screws**

**Extractor Bits for "socket screws" (DBZ-53-54-56)**

- Triangular and sharp blades that can be hammered into stripped hex. sockets
- Shank size: Hex. 6.35mm



Strike & Turn type



Item No.	Screw size	Weight (g)
DBZ-53	2.5~3mm	
DBZ-54	4mm	26
DBZ-56	5mm	

**4-in-1 Rapid Screw Extractor Set (DBZ-22)**



- [Contents]  
DBZ-58  
DBZ-57  
DBZ-51  
DBZ-52



Item No.	Case size (mm)	Weight (g)
DBZ-22	H165xW75xD10	125

**Go-Through Screwdriver (DZ-76)**



- [Contents]  
DZ-70  
DBZ-58  
DBZ-57  
DBZ-51  
DBZ-52

**Go-Through Screwdriver 01 (DZ-71)**



- [Contents]  
DZ-70  
DBZ-51



Rectangular shape The impact by a hammer transmitted well to the tip Hex Bolster (Across Flats 13mm)

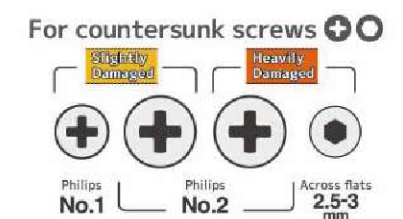


Item No.	Size (mm)				Weight (g)
	Shaft length (when inserted)	Shaft across flats	O.A. length	Handle diam.	
DZ-76	73	6.35	194	38	250
DZ-71					170

**4-in-1 Rapid Screw Extractor Set (DBZ-21)**



- [Contents]  
DBZ-57  
DBZ-51  
DBZ-52  
DBZ-53



Item No.	Case size (mm)	Weight (g)
DBZ-21	H165xW75xD10	125

**Rapid Screw Extractor + Grip Set (DBZ-60G-50G)**

- The unique extracting tool, especially designed for removing damaged countersunk screws!
- No power supply or drilling required
- 2 bits, more possibilities
- High-torque handle grip
- Shock-absorbable rubber sleeve included



DBZ-60G Set of 2 bits and a grip

- [Contents]  
DBZ-50G  
DBZ-51  
DBZ-52

Item No.	Weight (g)	Material
DBZ-60G	131	■Bit: Carbon Steel ■Rubber: TPR ■Grip: ABS, PA
DBZ-50G	83	■Grip: ABS, PA



# Screw Removal Tool Kit

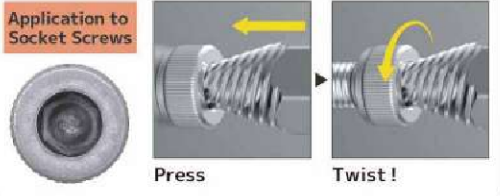
By combining these, you can deal with various screw troubles



### DBZ-20 Socket Screw Extractor Set

Works with 2~5mm (Across flats) stripped hex socket screws


Application to Socket Screws



Press Twist!

[Contents]

Item No.	Hex. size (across flats)
DBZ-62	2 mm
DBZ-63	2.5 ~ 3 mm
DBZ-64	4 mm
DBZ-65	5 mm

Video 

### Go-through Screwdriver

Ergonomic design for powerful torque

DZ-70 Handle only  
DZ-71 Extractor Bit contained (DBZ-51)





The impact by the hammer is transmitted well to the tip

Hex bolster (across flats 13mm)



### DBZ-21 DBZ-22 Rapid Screw Extractor Set

Works with stripped Phillips screws (No.0, No.1 & No.2 sizes)

Slightly Damaged Screws Heavily Damaged Screws



Philips Philips Hex Socket Screw Strike & Turn

Specifications

	Philips		Hex socket screw
	Slightly Damaged	Heavily Damaged	
DBZ-21	No.2, No.1	No.2	Across flats 2.5~3 mm
DBZ-22	No.2, No.1, No.0	No.2	-

Video 

### Screwdriver Magnetizer

2 pcs. in a set  
Available in 3 colors

DR-19 Green DR-19P Pink DR-19Y Yellow





Magnetized bit can retrieve screws

Holds even a stepped bit or torsion bit flexibly

### Extension Bit Holder

Bit holders can also be used with an impact driver

DR-22 DR-23 DR-24





Can be used with a go-through driver

Slim head ideal for working in a confined area

### Universal Joint

DR-25





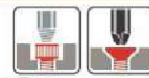
Slide the sleeve forward to swing the tip up to 15 degrees



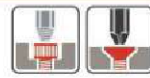
## Screw Extractor Tool Kit (DXZ-03~09)

If you're having trouble, start here! By combining these, you can deal various screw troubles.

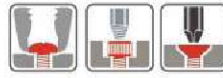
### 3-in-1 set (DXZ-03-04)



### 6-in-1 set (DXZ-05-06)



### 7-in-1 set (DXZ-07)



Screw Removal Pliers (PZ-77)

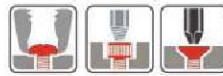
### 8-in-1 set (DXZ-08)



**Rust Remover (ZC-28E)**  
Screws rusted and stuck?  
Try our Rust Remover to remove the rust off screws within seconds!

⚠ Do not reuse mechanical parts such as springs, chains, and bolts that are subject to strong forces, even after rust removal.

### 7-in-1 set (DXZ-09) **NEW**



Auto Locking Pliers (PZ-67)

#### CONTENTS



Item No.	Contents										
	DZ-70	DBZ-20	DBZ-21	DBZ-22	DR-19	DR-23	DR-25	PZ-67	PZ-77	ZC-28E	KSE-35
DXZ-03	○	○	○								○
DXZ-04	○	○		○							○
DXZ-05		○	○								○
DXZ-06	○	○		○	○						○
DXZ-07	○	○		○	○	○			○		○
DXZ-08	○	○		○	○	○			○	○	○
<b>NEW</b> DXZ-09	○	○		○	○	○	○	○			○

## PDS-01

Screw Removal Pliers GT with Mask + Rapid Screw Extractor with 5 bits in a compact heavy duty case



#### Contents

PZ-58	Screw Removal Pliers GT	DBZ-52	Phillips no. 2 (Strike & Turn type bit)
PZM-58	Mask for PZ-58	DBZ-53	Hex socket screw (Across flats: 2.5-3.0mm)
DBZ-50B	Handle Grip for DBZ (Black)	DBZ-54	Hex socket screw (Across flats: 4.0mm)
DBZ-51	Phillips no. 2 (Press & Twist type bit)	DBZ-56	Hex socket screw (Across flats: 5.0mm)
			Bit holder

## PDS-02

Screw Removal Pliers + Phillips Screw Extractor + Hex. Socket Screw Extractor bits in a compact heavy-duty case



#### Contents

PZ-58	Screw Removal Pliers GT	DBZ-52	Phillips no. 2 (Strike & Turn type bit)
PZ-59	Screw Removal Pliers RX	DBZ-53	Hex socket screw (Across flats: 2.5-3.0mm)
PZ-60	Screw Removal Pliers Z	DBZ-54	Hex socket screw (Across flats: 4.0mm)
DBZ-50B	Handle Grip for DBZ (Black)	DBZ-56	Hex socket screw (Across flats: 5.0mm)
DBZ-51	Phillips no. 2 (Press & Twist type bit)		Bit holder

## PDS-03

Screw Removal Pliers PZ-33 with Mask cap + Rapid Screw Extractors and Socket Screw Extractors in a compact heavy-duty case



#### Contents

PZ-33	Screw Removal Pliers DF	DBZ-62	Hex socket screw extractor (2.0mm)
PZM-30	Mask for PZ-33	DBZ-63	Hex socket screw extractor (2.5-3.0mm)
DBZ-50R	Handle Grip for DBZ (Red)	DBZ-64	Hex socket screw extractor (4.0mm)
DBZ-51	Phillips no. 2 (Press & Twist type bit)	DBZ-65	Hex socket screw extractor (5.0mm)
			Bit holder

## Rapid Screw Extractor Set (DBZ-01)

Rapid Screw Extractors + Hexagon Socket Screw Extractor of 10 bits in a compact heavy duty case



#### Contents

DBZ-50B	Handle Grip for DBZ (Black)	DBZ-52	Phillips no. 2 (Strike & Turn type bit)
DBZ-57	Phillips no. 1 (Press & Twist type bit)	DBZ-53	Hex socket screw (Across flats: 2.5-3.0mm)
DBZ-51	Phillips no. 2 (Press & Twist type bit)	DBZ-54	Hex socket screw (Across flats: 4.0mm)
DBZ-63	Hex socket screw extractor (2.5-3.0mm)	DBZ-56	Hex socket screw (Across flats: 5.0mm)
DBZ-64	Hex socket screw extractor (4.0mm)	DR-94	Double-headed screwdriver bit (+ #2 / -6mm)
DBZ-65	Hex socket screw extractor (5.0mm)		



## Screwdriver Magnetizer (DR-19·19P·19Y)

- Strong magnet to hold the screw securely without dropping it
- Can fit stepped bits or torsion bits flexibly
- Compatible with a round or a hex. shaft (4-6.35 mm) screwdriver



### How to Demagnetize the screwdriver

- Place the shaft on to the center of the magnetizer.
  - Rub the shaft back and force on the magnetizer and draw it back at last. (may not demagnetize completely)
- Common to DR-19,29,39

Item No.	Qty.	Shaft size (mm)	Size(mm) length width	Weight (g/pc.)
DR-19 DR-19P DR-19Y	2pcs.	4~6.35	24 13	6.6

## Mini Screwdriver Magnetizer (DR-29) **NEW**



Recommended for short bits for power tools

The grooved housing holds the screw head securely.  
Common to DR-19,29

Item No.	Qty.	Shaft size (mm)	Size(mm) length width	Weight (g/pc.)
DR-29	3pcs.	4~6.35	16.2 13	4

## Micro Screwdriver Magnetizer (DR-39) **NEW**

- Mini size for precision screwdrivers and hexagonal wrenches
- Compatible with a wide range of shaft sizes

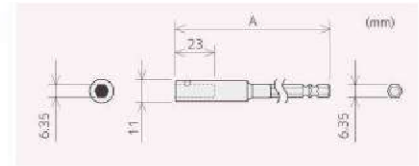


Item No.	Qty.	Shaft size (mm)	Size(mm) length width	Weight (g/pc.)
DR-39	3pcs.	1.4~3	11 7.8	1

## Extension Bit Holder (DR-22·23·24)

Durable construction works with Go-through screwdrivers by hammering

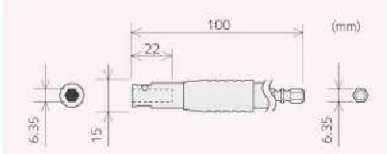
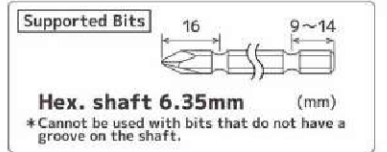
- Can also be used with an impact driver (except for DR-28)
- Slim head ideal for working in a confined area
- For Standard Bit (DBZ-51~65 & 410~450 extractors attachable)



Item No.	Size (mm) A	Weight (g)
DR-22	100	40
DR-23	150	52
DR-24	190	60

## Universal Joint (DR-25)

- For screws in the corner or near the walls.
- Unique tip structure prevents bit from coming off.



Item No.	Size (mm)	Weight (g)
DR-25	100	60

### CAUTIONS (for use with a power tool)

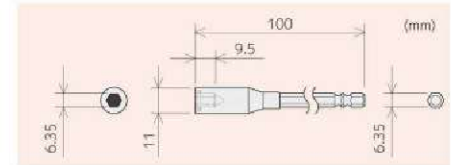
- Do not use the Universal Joint in swing mode when it is attached to a power tool.
- Use the low speed mode only.
- Make sure that the grooved shank is compatible with your power tool.
- The joint part heats up during the continuous use. Please work while cooling it with lubricating oil.

## Exclusive for DBZ-310~350



## Extension Bit Holder (DR-28)

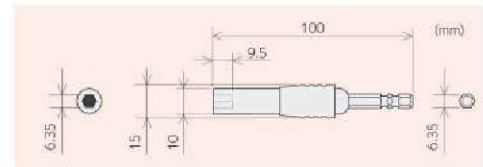
- For Short Bit (DBZ-310~350 Extractors attachable)
- Slim head ideal for working in a confined area



Item No.	Size (mm)	Weight (g)
DR-28	100	35

## Universal Joint (DR-26)

- The built-in magnet allows mounting of short bits without ball grooves.



Item No.	Size (mm)	Weight (g)
DR-26	100	53