Driver, Bit and Screw Cross-Reference

JIS B 1101
JIS B 1135
■Slotted (Reference)

	Small screw mm	Wood screw mm
1.8	1 (※) 1.2 (※)	—
2.5	1.6	1.6 1.8
3	2	1.8 2.1
4	2.2 (※) 2.5	2.4
4.5	2.5 (※) 3	2.7
5	3 (3.5)	3.1 3.5
5.5	(3.5)	3.5 3.8
6	(3.5) 4	3.8 4.1
7	4	4.5 4.8
8	4.5 (※) 5	5.1 5.5
9	6 8 (※)	5.8 6.2 6.8
10	6 8 (※)	7.5 8

JIS B1111
JIS B1122
JIS B1112
JIS B1124
JCIS 10-70
■Philips
■Pozidriv
■Supadriv

		Small screw mm	Tapping screw mm	Wood screw mm	Drill screw mm
No.0	PZ No.0 SDV No.0	1.4 1.6 1.7 2 2.3 2.6	2.2 (ST)	1.8	—
No.1	PZ No.1 SDV No.1	2 (2.2) (2.3) 2.5 2.6 3 (※·T)	2 2.5 3 (※·T) 2.9 (ST)	2.1 2.4 2.7	2.9 (ST)
No.2	PZ No.2 SDV No.2	3 (3.5) 4 (4.5) 5	3 3.5 4 4.5 5 3.5 (ST) 4.2 (ST) 4.8 (ST)	3.1 3.5 3.8 4.1 4.5 4.8	5 3.5 (ST) 4.2 (ST) 4.8 (ST)
No.3	PZ No.3 SDV No.3	6 8	6 8 5.5 (ST) 6.3 (ST)	5.1 5.5 5.8 6.2 6.8	6 5.5 (ST) 6.3 (ST)
No.4	PZ No.4 SDV No.4	10 12	8 (ST) 9.5 (ST)	7.5 8 9.5	—

JIS B 1176
JIS B 1177
■Hex
■Ball point

	Hexagon recess bolt mm	Hexagon recess locking screw mm
H1.5	1.6 2	3
H2	2.5	4
H2.5	3	5
H3	4	6
H4	5	8
H5	6	10
H6	8	12
H8	10	16
H10	12	20
H12	14	24

JIS B 1180
JIS B 1181
JIS B 1123
■Socket

	Hexagon head bolt mm	Hexagon nut mm	Hexagon head tapping screw mm
H4	2	2	—
H4.5 (※)	—	2.2 (※)	—
H5	2.5	2.5	2.9
H5.5	3	3	3.5
H6	3.5	3.5	—
H7	4	4	4.2
H8	5	5	4.8 5.5
H10	6 W 1/4 (※)	6 W 1/4 (※)	6.3
H11 (※)	7 (※)	7 (※)	—
H12 (※·S)	8 (※·S) W 5/16 (※·S)	8 (※·S) W 5/16 (※·S)	—
H13	8	8	8
H14 (※)	10 (※·S) W 5/16 (※) W 3/8 (※·S)	10 (※·S) W 5/16 (※) W 3/8 (※·S)	—
H16	10	10	9.5
H17 (※)	10 (※) 12 (※·S) W 3/8 (※) W 7/16 (※·S)	10 (※) 12 (※·S) W 3/8 (※) W 7/16 (※·S)	—
H18	12	12	—
H19 (※)	12 (※) 14 (※·S) W 7/16 (※) W 1/2 (※·S)	12 (※) 14 (※·S) W 7/16 (※) W 1/2 (※·S)	—
H21	14 W 1/2 (※)	14 W 1/2 (※)	—
H22 (※)	14 (※)	14 (※)	—
H24	16 18 (※·S)	16 18 (※·S)	—

JIS B 1107
JIS B 1128
JIS B 1136
JASO F116-89
■TORX (Reference)

		Small screw mm	Tapping screw mm	TORX recess bolt mm	TORX recess locking screw mm
T1	0.84	1	1	—	1.6 1.8
T2	0.94	1.2	1.2	—	2
T3	1.12	1.4	1.4	—	2.2
T4	1.3	1.6 1.7	1.6 1.7	—	—
T5	1.37	2	2	—	2.5
T6	1.65	2	2	2	3
T7	1.97	—	—	—	3.5
T8	2.3	2.5	2.5	2.5	4
T9	2.48	—	—	—	4.5
T10	2.72	3	2.9 3 3.5	3	5
T15	3.26	(3.5)	3.5	—	—
T20	3.84	4	4 4.2 4.5	4	6
T25	4.4	5	4.8 5 5.5	5	7
T27	4.96	—	—	4.5 5	8
T30	5.49	6	6 6.3	6	—
T40	6.6	8	8	8	10
T45	7.77	8	—	8	12
T50	8.79	10	10	10	14

(※)marked figures are in accordance with old JIS standards. (※·T)Refer to No. 1 for Truss screws. (ST)marked figures are in accordance with JIS standards. W: Refer to the old JIS standards for Whitworth screws.
(※·S)marked figures are in accordance with old JIS standards for small bolts/nuts.

Construction Bits

BITS & SOCKETS

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About ISO

ISO 9001 : 2008

Our screwdriver manufacturing division, VESSEL SHIMANE CO., LTD is certified according to ISO standard, the global standard for quality assurance control.

ISO 14001 : 2004

We obtained ISO 14001 in August 2010.
VESSEL will further strive to offer eco-friendly products, aiming at minimizing the environmental burden as a manufacturing group.

Ideal Bits for construction & facilities

BITS & SOCKETS TECHNICAL

Environmental Measures

RoHS

Pb (lead) / Cd (cadmium) / Hg (mercury) / Hexavalent chromium / PBB (polybrominated biphenyl) / PBDE (polybrominated diphenyl ether) / DEHP, BBP, DBP, DIBP (phthalate esters)

The products with this mark in this catalogue are compliant with the RoHS directives (EU) (usage limit of the above 10 substances).

Note: For the updated information on RoHS compliant products, visit our homepage, because some products or sizes are under investigation or are not compliant at the time of publication of this catalogue.

Rib PAT.

Magnum bit is an unconventional bit with reinforced ribs on its tip. Combining with optimal torsion part, it has realized excellent torque transmission and high durability.
With high strength, this bit shows superb durability for various works.

102P 131P

GIZA

The jagged tip of our GIZA BIT prevents cam-out of cross-head screws. Just as the bit starts to cam-out, the jagged edges bite into the internal wall of the recess of the screw.

105P

EXTRA HARD

Our EXTRA HARD BITS have been hardened to a maximum hardness of 62 HRC. They are ideal for relatively hard screws such as stainless steel screws and board screws.

105P

TAPPING

Our TAPPING BITS are designed with thick wings and short flutes for extra strength, making them ideal for heavy-duty work such as driving sash screws of greater than 4mm in diameter.

105P

SLENDER

The tips of our SLENDER BIT series have been worked to a fine point, making it easy to see the heads of the screws. These bits are designed for soft joint work such as wood screws and resin tapping screws.

103P 104P

JAWS PAT.

Our JAWS BITS are perfect for working wood screws. From start to finish, these bits bite into the screw holes, allowing for increased work efficiency without fallen screws.

105P

Tapered shape (SAKISUBO BITS)

The constricted part of the bit reduces the vibration caused when the thread starts to enter the material and screw passes through wood grain, preventing cam out and allowing efficient works.

111P 123P ~125P 127P 131P

Carefully selected materials

With our long experience and research in manufacturing, we developed our own materials with hardness (less wearing) and toughness (hard to chip). Properties of the elements contained in the materials have been improved to an optimal level through a heat treatment process.

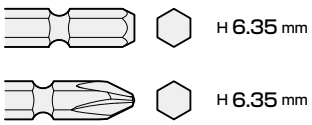
C…Carbon
The more carbon is contained, the greater hardening penetration becomes. When the carbon content is 0.6 % or more, abrasion resistance increases, although hardening penetration remains the same.

Ni…Nickel
The addition of small amount of nickel increases steel's shock resistance and toughness. When added in a large amount, it becomes weak and breaks easily.

Cr…Chrome
Hardenability increases. Oxidation resistance increases. Toughness is improved.

Mo…Molybdenum
Hardenability increases. Significant decrease in toughness can be prevented.

Drive



Ultra Hex

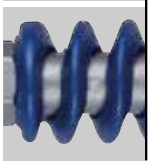
Special hexagonal cross section composed of the flat surfaces and the waved surfaces The waved surfaces fit to the inner surface of chuck improving driving efficiency. In the meantime, the flat surfaces prevent shank from getting stuck in the chuck reducing damage to chuck.

102P
103P

Cushion ring

By minimizing the gap between chuck and bit, rattling and vibration are reduced.

103P



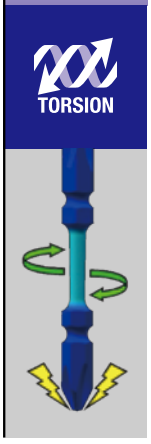
Plastic spring

Bits come out automatically with the help of spring when the sleeve of chuck is pulled, allowing users to pull out a bit with one hand.
Useful to change heated bit

102P

Magnetized bits

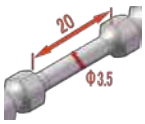
These bits can capture screws with a strong magnetic force enhancing work efficiency.



Torsion part

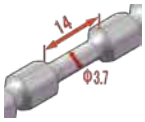
Torsion part absorbs the impact caused when the screw head is fully seated by an impact driver, preventing tip breakage.

102P
~104P
111P
123P
~125P
127P
131P



ϕ3.5×20mm

For soft joint such as fastening wood screws Suitable when fastened material is soft



ϕ3.7×14mm

For hard joint such as drill fastening Suitable when fastened material is hard

No. GS
"GOSAI" Bits

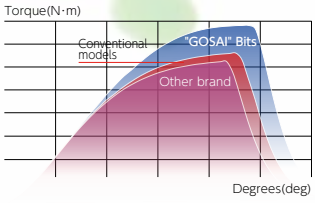
"Extra Superalloy" is VESSEL's new and unique steel material for bits. This is very endurable and ductile, determining reputation of VESSEL bits.
Resistant to twist and breaking.

Extra Superalloy*

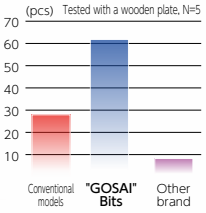
*Adopted to the items and sizes optimizing the material characteristics.

●The max hardness is HRC62. Resistant to breaking and twisting, and also transmitting the torque properly and assuredly, for reliable screw tightening.

Comparison test with twisting tester

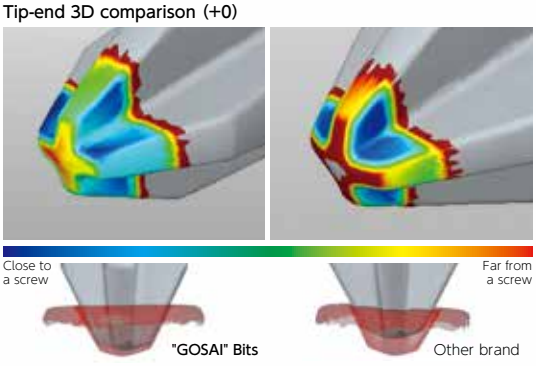


Screw Tightening Test



●Precise tip-end machining. High quality fitting.
As the tip-end is not plated or painted, the cross shaped tip-end can fit various screws.

Tip-end 3D comparison (+0)



※The illustrations are for reference only.

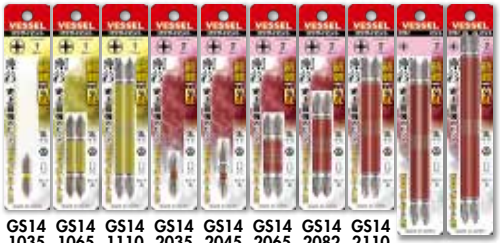
No. GS14

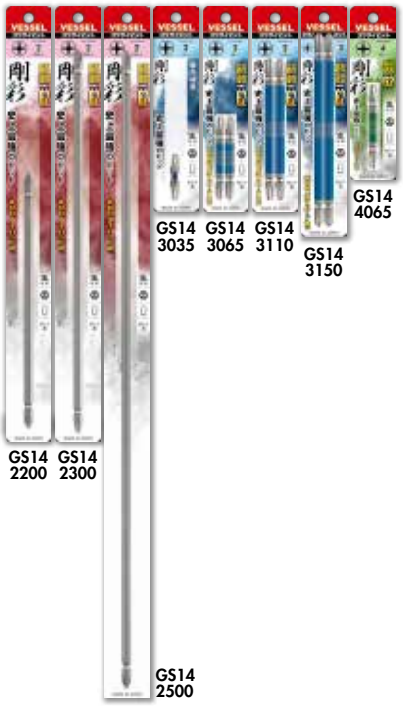
Double End "GOSAI" bits

●Different colors applied to each size.
●Endurable and ductile.

No. GS14 Double End "GOSAI" bits NEW

●Different colors applied to each size.
●Endurable and ductile.





Model No.	Set Content		Package Size (mm)	EDP No.
GS141035	⊕1× 35	1pc.	160×35×8	485501
GS141065	⊕1× 65	2pcs.	160×35×8	485502
GS141110	⊕1×110	2pcs.	160×35×8	485503
GS142035	⊕2× 35	1pc.	160×35×8	485504
GS142045	⊕2× 45	1pc.	160×35×8	485505
GS142065	⊕2× 65	2pcs.	160×35×8	485506
GS142082	⊕2× 82	2pcs.	160×35×8	485507
GS142110	⊕2×110	2pcs.	160×35×8	485508
GS142130	⊕2×130	2pcs.	180×35×8	485509
GS142150	⊕2×150	2pcs.	180×35×8	485510
GS142200	⊕2×200	1pc.	340×35×8	485511
GS142300	⊕2×300	1pc.	340×35×8	485512
GS142500	⊕2×500	1pc.	540×35×8	485513
GS143035	⊕3× 35	1pc.	160×35×8	485514
GS143065	⊕3× 65	2pcs.	160×35×8	485515
GS143110	⊕3×110	2pcs.	160×35×8	485516
GS143150	⊕3×150	2pcs.	180×35×8	485517
GS144065	⊕4× 65	1pc.	135×35×8	485519

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GS5P Double End "GOSAI" Bit 5-pc set NEW

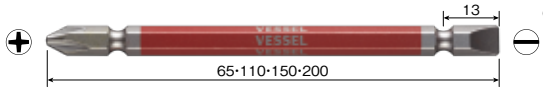
Model No.	Set Content		Package Size (mm)	EDP No.
GS5P2065	⊕2× 65	5pcs.	160×70×8	485552
GS5P2082	⊕2× 82	5pcs.	160×70×8	485553
GS5P2110	⊕2×110	5pcs.	160×70×8	485554
GS5P2130	⊕2×130	5pcs.	180×70×8	485555
GS5P2150	⊕2×150	5pcs.	180×70×8	485556

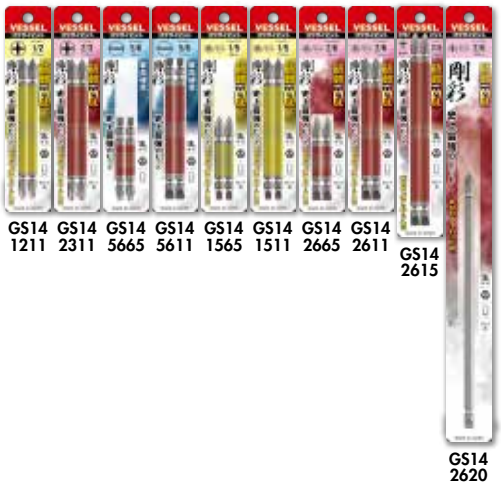
※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GS14 Double End Combi "GOSAI" Bit NEW

●2 different sizes are combined into one bit.

Except ⊖5, ⊖6



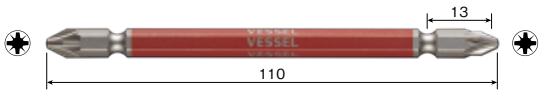


Model No.	Set Content		Package Size (mm)	EDP No.
GS141211	⊕1/⊕2×110	2pcs.	160×35×8	485520
GS142311	⊕2/⊕3×110	2pcs.	160×35×8	485518
GS145665	⊖5/⊖6× 65	2pcs.	160×35×8	485550
GS145611	⊖5/⊖6×110	2pcs.	160×35×8	485551
GS141565	⊕1/⊖5× 65	2pcs.	160×35×8	485521
GS141511	⊕1/⊖5×110	2pcs.	160×35×8	485522
GS142665	⊕2/⊖6× 65	2pcs.	160×35×8	485523
GS142611	⊕2/⊖6×110	2pcs.	160×35×8	485524
GS142615	⊕2/⊖6×150	2pcs.	180×35×8	485525
GS142620	⊕2/⊖6×200	1pc.	340×35×8	485526

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GSPZ Double End POSIDRIV "GOSAI" Bit NEW

●For POSIDRIV screws.
●Special tip shape prevents cam-out.



GSPZ 1110 GSPZ 2110 GSPZ 3110

Model No.	Content		Package Size (mm)	EDP No.
GSPZ1110	PZ1×110	1pc.	160×35×8	485564
GSPZ2110	PZ2×110	1pc.	160×35×8	485565
GSPZ3110	PZ3×110	1pc.	160×35×8	485566

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GS5P Double End Square "GOSAI" Bit, 5-pc set NEW

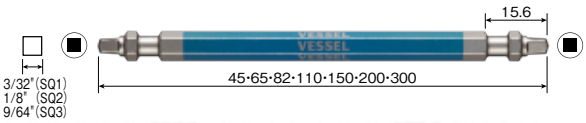
GS5P-42 GS5P-44

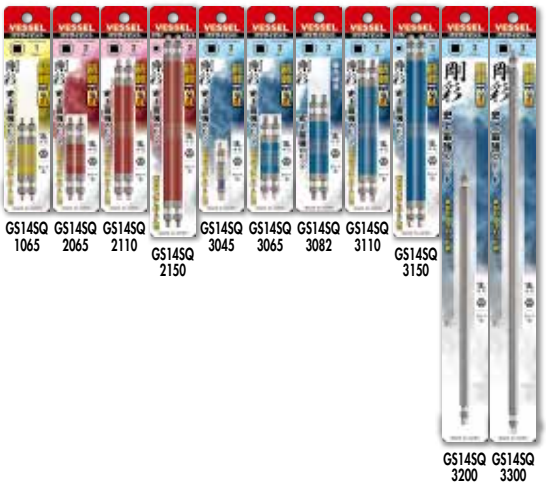
Model No.	Set Content		Package Size (mm)	EDP No.
GS5P-42	SQ3× 65	5pcs.	160×70×8	485634
GS5P-44	SQ3×110	5pcs.	160×70×8	485635

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GS14SQ Double End Square "GOSAI" Bit NEW

●For square head screws, popular for sash and/or quake-proof hardware.





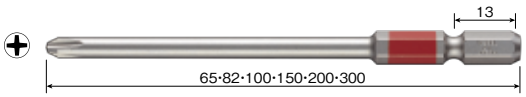
GS14SQ 1065 GS14SQ 2065 GS14SQ 2110 GS14SQ 2150 GS14SQ 3045 GS14SQ 3065 GS14SQ 3082 GS14SQ 3110 GS14SQ 3150 GS14SQ 3200 GS14SQ 3300

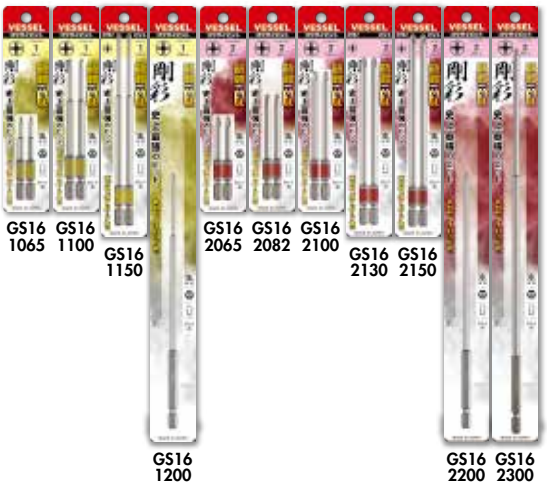
Model No.	Set Content		Package Size (mm)	EDP No.
GS14SQ1065	SQ1× 65	2pcs.	160×35×8	485623
GS14SQ2065	SQ2× 65	2pcs.	160×35×8	485624
GS14SQ2110	SQ2×110	2pcs.	160×35×8	485625
GS14SQ2150	SQ2×150	2pcs.	180×35×8	485626
GS14SQ3045	SQ3× 45	1pc.	160×35×8	485627
GS14SQ3065	SQ3× 65	2pcs.	160×35×8	485628
GS14SQ3082	SQ3× 82	2pcs.	160×35×8	485629
GS14SQ3110	SQ3×110	2pcs.	160×35×8	485630
GS14SQ3150	SQ3×150	2pcs.	180×35×8	485631
GS14SQ3200	SQ3×200	1pc.	340×35×8	485632
GS14SQ3300	SQ3×300	1pc.	340×35×8	485633

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GS16 Thin Shank "GOSAI" Bit NEW

●Thin shank model, good for use in a cramped space.





GS16 1065 GS16 1100 GS16 1150 GS16 1200 GS16 2065 GS16 2082 GS16 2100 GS16 2130 GS16 2150 GS16 2200 GS16 2300

Model No.	Set Content		Package Size (mm)	EDP No.
GS161065	⊕1 × 65	2pcs.	160×35×8	485532
GS161100	⊕1 ×100	2pcs.	160×35×8	485533
GS161150	⊕1 ×150	2pcs.	180×35×8	485534
GS161200	⊕1 ×200	1pc.	340×35×8	485535
GS162065	⊕2 × 65	2pcs.	160×35×8	485536
GS162082	⊕2 × 82	2pcs.	160×35×8	485537
GS162100	⊕2 ×100	2pcs.	160×35×8	485538
GS162130	⊕2 ×130	2pcs.	180×35×8	485539
GS162150	⊕2 ×150	2pcs.	180×35×8	485540
GS162200	⊕2 ×200	1pc.	340×35×8	485541
GS162300	⊕2 ×300	1pc.	340×35×8	485542

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GS16 Precision Type "GOSAI" Bit NEW

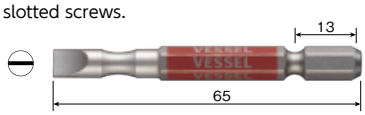
GS16 00065 GS16 00100 GS16 0065 GS16 0082 GS16 0100

Model No.	Set Content	Package Size (mm)	EDP No.
GS1600065	⊕00× 65 2pcs.	160×35×8	485527
GS1600100	⊕00×100 2pcs.	160×35×8	485528
GS160065	⊕0 × 65 2pcs.	160×35×8	485529
GS160082	⊕0 × 82 2pcs.	160×35×8	485530
GS160100	⊕0 ×100 2pcs.	160×35×8	485531

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GS16PL Slotted "GOSAI" Bit NEW

●For slotted screws.



Except ⊖8

GS16 PL18 GS16 PL25 GS16 PL30 GS16 PL40 GS16 PL50 GS16 PL60 GS16 PL80

Model No.	Set Content	Package Size (mm)	EDP No.
GS16PL18	⊖1.8× 65 2pcs.	135×35× 8	485543
GS16PL25	⊖2.5× 65 2pcs.	135×35× 8	485544
GS16PL30	⊖3 × 65 2pcs.	135×35× 8	485545
GS16PL40	⊖4 × 65 2pcs.	135×35× 8	485546
GS16PL50	⊖5 × 65 2pcs.	135×35× 8	485547
GS16PL60	⊖6 × 65 2pcs.	135×35× 8	485548
GS16PL80	⊖8 × 65 1pc.	135×35×15	485549

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GS5P Thin Shank "GOSAI" Bit, 5-pc set NEW

GS5P1065D GS5P2065D GS5P2082D GS5P2100D GS5P2130D GS5P2150D

Model No.	Set Content	Package Size (mm)	EDP No.
GS5P1065D	⊕1× 65 5pcs.	160×70×8	485636
GS5P2065D	⊕2× 65 5pcs.	160×70×8	485557
GS5P2082D	⊕2× 82 5pcs.	160×70×8	485637
GS5P2100D	⊕2×100 5pcs.	160×70×8	485558
GS5P2130D	⊕2×130 5pcs.	180×70×8	485559
GS5P2150D	⊕2×150 5pcs.	180×70×8	485560

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GS5P Assorted "GOSAI" Bit, 5-pc set NEW

GS5P-01 GS5P-02 GS5P-03

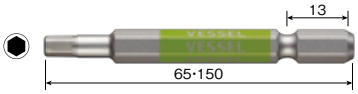
Except GS5P-03 ⊖3,⊖4

Model No.	Set Content	Package Size (mm)	EDP No.
GS5P-01	Double End ⊕2/⊖6× 65 1pc. Double End ⊕2 ×110 1pc. Double End ⊕3 × 65 1pc. Thin Shank ⊕1 × 65 1pc. Thin Shank ⊕2 ×100 1pc.	160×70×8	485563
GS5P-02	Double End ⊕1 × 65 1pc. Double End ⊕2 × 65 1pc. Double End ⊕2 ×110 2pcs. Double End ⊕3 × 65 1pc.	160×70×8	485562
GS5P-03	Thin Shank ⊕00 × 65 1pc. Thin Shank ⊕0 × 65 1pc. Thin Shank ⊕1 × 65 1pc. Thin Shank ⊖3 × 65 1pc. Thin Shank ⊖4 × 65 1pc.	160×70×8	485561

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GSH HEX "GOSAI" Bit NEW

●For hexagon socket head cap bolts and screws.



Except H8 and larger sizes

GSH 015S GSH 020S GSH 025S GSH 030S GSH 040S GSH 050S GSH 060S GSH 080S GSH 100S GSH 120S GSH 140S GSH 170S

Model No.	Content	Package Size (mm)	EDP No.
GSH015S	H 1.5×65 1pc.	135×35× 8	485567
GSH020S	H 2 ×65 1pc.	135×35× 8	485568
GSH025S	H 2.5×65 1pc.	135×35× 8	485569
GSH030S	H 3 ×65 1pc.	135×35× 8	485570
GSH040S	H 4 ×65 1pc.	135×35× 8	485571
GSH050S	H 5 ×65 1pc.	135×35× 8	485572
GSH060S	H 6 ×65 1pc.	135×35× 8	485573
GSH080S	H 8 ×65 1pc.	135×35×10	485574
GSH100S	H 10 ×65 1pc.	135×35×22	485575
GSH120S	H 12 ×65 1pc.	135×35×22	485576
GSH140S	H 14 ×65 1pc.	135×35×22	485577
GSH170S	H 17 ×65 1pc.	135×35×22	485578

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets
(GSH100S, GSH120S, GSH140S, GSH170S - Inner Ctn.: 5 sets)

No. GSH HEX "GOSAI" Bit, Long type NEW

MG Extra Superalloy
Except H8

GSH 020L GSH 025L GSH 030L GSH 040L GSH 050L GSH 060L GSH 080L

Model No.	Content	Package Size (mm)	EDP No.
GSH020L	H 2 ×150 1pc.	180×35× 8	485580
GSH025L	H 2.5×150 1pc.	180×35× 8	485581
GSH030L	H 3 ×150 1pc.	180×35× 8	485582
GSH040L	H 4 ×150 1pc.	180×35× 8	485583
GSH050L	H 5 ×150 1pc.	180×35× 8	485584
GSH060L	H 6 ×150 1pc.	180×35× 8	485585
GSH080L	H 8 ×150 1pc.	180×35×15	485586

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GS5P Assorted HEX "GOSAI" Bit, 5-pc set NEW

MG Extra Superalloy

GS5P-31

GS5P-32

Model No.	Set Content	Package Size (mm)	EDP No.
GS5P-31	H 2.5× 65 1pc. H 3 × 65 1pc. H 4 × 65 1pc. H 5 × 65 1pc. H 6 × 65 1pc.	160×70×8	485579
GS5P-32	H 2.5×150 1pc. H 3 ×150 1pc. H 4 ×150 1pc. H 5 ×150 1pc. H 6 ×150 1pc.	180×70×8	485587

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GSVT TORX "GOSAI" Bit NEW

- For TORX screws.
- TORX bits manufactured by the TORX official licensee.
- Tamper-proof type (except T4 and T5).

MG Except T4, T5

GSVT 04S GSVT 05S GSVT 06SH GSVT 08SH GSVT 10SH GSVT 15SH GSVT 20SH GSVT 25SH GSVT 27SH GSVT 30SH GSVT 40SH

Model No.	Content	Package Size (mm)	EDP No.
GSVT04S	T4 × 65 1pc.	135×35×8	485603
GSVT05S	T5 × 65 1pc.	135×35×8	485604
GSVT06SH	T6H × 65 1pc.	135×35×8	485605
GSVT08SH	T8H × 65 1pc.	135×35×8	485606
GSVT10SH	T10H× 65 1pc.	135×35×8	485607
GSVT15SH	T15H× 65 1pc.	135×35×8	485608
GSVT20SH	T20H× 65 1pc.	135×35×8	485609
GSVT25SH	T25H× 65 1pc.	135×35×8	485610
GSVT27SH	T27H× 65 1pc.	135×35×8	485611
GSVT30SH	T30H× 65 1pc.	135×35×8	485612
GSVT40SH	T40H× 65 1pc.	135×35×8	485613

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GSVT TORX "GOSAI" Bit. Long type NEW

MG

GSVT 10LH GSVT 15LH GSVT 20LH GSVT 25LH GSVT 27LH GSVT 30LH GSVT 40LH

Model No.	Content	Package Size (mm)	EDP No.
GSVT10LH	T10H×150 1pc.	180×35×8	485615
GSVT15LH	T15H×150 1pc.	180×35×8	485616
GSVT20LH	T20H×150 1pc.	180×35×8	485617
GSVT25LH	T25H×150 1pc.	180×35×8	485618
GSVT27LH	T27H×150 1pc.	180×35×8	485619
GSVT30LH	T30H×150 1pc.	180×35×8	485620
GSVT40LH	T40H×150 1pc.	180×35×8	485621

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

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No. GS5P Assorted TORX "GOSAI" Bit, 5-pc set NEW

GS5P-33

GS5P-34

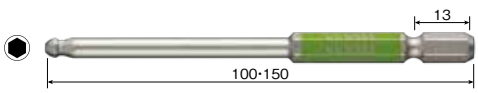
Model No.	Set Content	Package Size (mm)	EDP No.
GS5P-33	T10H× 65 1pc. T15H× 65 1pc. T20H× 65 1pc. T25H× 65 1pc. T30H× 65 1pc.	160×70×8	485614
GS5P-34	T10H×150 1pc. T15H×150 1pc. T20H×150 1pc. T25H×150 1pc. T30H×150 1pc.	180×70×8	485622

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GSBP Ball Point "GOSAI" Bit NEW

●For hexagon socket head cap bolts and screws.
●Ball point tip-end, tilting 26°, optimal for use in a cramped space.

Except H10 Except H8, H10



GSBP 020S GSBP 025S GSBP 030S GSBP 040S GSBP 050S GSBP 060S GSBP 080S GSBP 100S

Model No.	Content	Package Size (mm)	EDP No.
GSBP020S	H 2 ×100 1pc.	160×35× 8	485588
GSBP025S	H 2.5×100 1pc.	160×35× 8	485589
GSBP030S	H 3 ×100 1pc.	160×35× 8	485590
GSBP040S	H 4 ×100 1pc.	160×35× 8	485591
GSBP050S	H 5 ×100 1pc.	160×35× 8	485592
GSBP060S	H 6 ×100 1pc.	160×35× 8	485593
GSBP080S	H 8 ×100 1pc.	160×35×15	485594
GSBP100S	H 10 ×100 1pc.	160×35×22	485595

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GSBP Ball Point "GOSAI" Bit, Long type NEW

Except H8

GSBP 030L GSBP 040L GSBP 050L GSBP 060L GSBP 080L

Model No.	Content	Package Size (mm)	EDP No.
GSBP030L	H 3 ×150 1pc.	180×35× 8	485597
GSBP040L	H 4 ×150 1pc.	180×35× 8	485598
GSBP050L	H 5 ×150 1pc.	180×35× 8	485599
GSBP060L	H 6 ×150 1pc.	180×35× 8	485600
GSBP080L	H 8 ×150 1pc.	180×35×15	485601

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. GS5P Assorted Ball Point "GOSAI" Bit, 5-pc set NEW

Except H8

GS5P-35

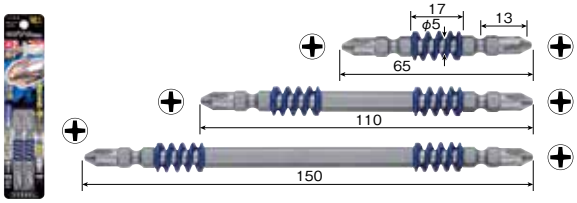
GS5P-36

Model No.	Set Content	Package Size (mm)	EDP No.
GS5P-35	H 3 ×100 1pc. H 4 ×100 1pc. H 5 ×100 1pc. H 6 ×100 1pc. H 8 ×100 1pc.	160×70×15	485596
GS5P-36	H 3 ×150 1pc. H 4 ×150 1pc. H 5 ×150 1pc. H 6 ×150 1pc. H 8 ×150 1pc.	180×70×15	485602

※Colors inside the table indicate the bit color. Inner Ctn.: 10 sets

No. MX14 Double End MAGNUM bit 2-Piece Set PAT.

●Long life with ribbed tip and torsion.
●Plastic spring facilitates bit replacement.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
MX142065	⊕2×φ5× 65 2pcs.	H	160×35×8	485031
MX142110	⊕2×φ5×110 2pcs.	H	160×35×8	485033
MX142150	⊕2×φ5×150 2pcs.	H	210×35×8	485034

Inner Ctn.: 10 sets

No. MX5P Double End MAGNUM bit 5-Piece Set PAT.

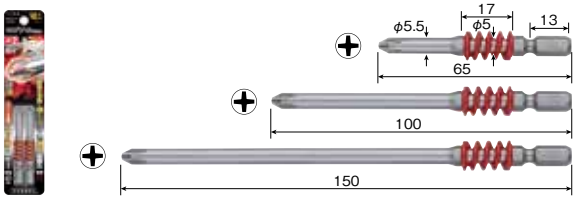
MX5P2065 MX5P2110

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
MX5P2065	⊕2×φ5× 65 5pcs.	H	160×70×8	485051
MX5P2110	⊕2×φ5×110 5pcs.	H	160×70×8	485052

Inner Ctn.: 10 sets

No. MX16 Recessed MAGNUM bit 2-Piece Set PAT.

●Long life with ribbed tip and torsion.
●Plastic spring facilitates bit replacement.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
MX162065	⊕2×φ5× 65 2pcs.	H	160×35×8	485035
MX162100	⊕2×φ5×100 2pcs.	H	160×35×8	485037
MX162150	⊕2×φ5×150 2pcs.	H	210×35×8	485038

Inner Ctn.: 10 sets

No. MX5P Recessed MAGNUM bit 5-Piece Set PAT.

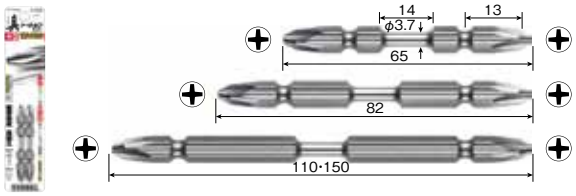
MX5P2065D MX5P2100D

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
MX5P2065D	⊕2×φ5× 65 5pcs.	H	160×70×8	485053
MX5P2100D	⊕2×φ5×100 5pcs.	H	160×70×8	485054

Inner Ctn.: 10 sets

No. RT "SUPER TORSION BIT" 2-Piece Set PAT.

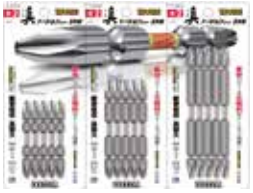
●Tapered tip allows for easy view of small screw head.
●Combination of strong tip-end and torsion which is suitable for heavy works.
●Ultra Hex shank avoids damage to the chuck.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
RT142065	⊕2×φ3.7× 65 2pcs.	X	160×35×8	484461
RT142082	⊕2×φ3.7× 82 2pcs.	X	160×35×8	484462
RT142110	⊕2×φ3.7×110 2pcs.	X	160×35×8	484463
RT142150	⊕2×φ3.7×150 2pcs.	X	210×35×8	484464

Inner Ctn.: 10 sets

No. RT5P "SUPER TORSION BIT" 5-Piece Set PAT.



RT5P2065 RT5P2082 RT5P2110

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
RT5P2065	⊕2×φ3.7× 65 5pcs.	X	160×70×8	484471
RT5P2082	⊕2×φ3.7× 82 5pcs.	X	160×70×8	484472
RT5P2110	⊕2×φ3.7×110 5pcs.	X	160×70×8	484473

Inner Ctn.: 10 sets

No. RT10P "SUPER TORSION BIT" 10-Piece Set PAT.

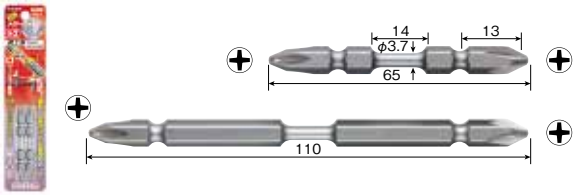
RT10P2065F RT10P2082F RT10P2110F

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
RT10P2065F	⊕2×φ3.7× 65 10pcs.	X	143×87×7	413441
RT10P2082F	⊕2×φ3.7× 82 10pcs.	X	143×87×7	413442
RT10P2110F	⊕2×φ3.7×110 10pcs.	X	162×87×7	413443

Inner Ctn.: 10 sets

No. MT MEGA TORSION BIT 2-Piece Set PAT.

●Jaws Fit tip fits screw head hole.
●Torsion design suitable for heavy works.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
MT142065	⊕2×φ3.7× 65 2pcs.	X	160×35×8	484435
MT142110	⊕2×φ3.7×110 2pcs.	X	160×35×8	484437

Inner Ctn.: 10 sets

No. MT5P MEGA TORSION BIT 5-Piece Set PAT.

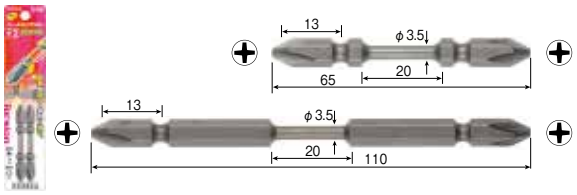
MT5P2065 MT5P2110

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
MT5P2065	⊕2×φ3.7× 65 5pcs.	X	160×70×8	484440
MT5P2110	⊕2×φ3.7×110 5pcs.	X	160×70×8	484442

Inner Ctn.: 10 sets

No. AT TORSION BIT 2-Piece Set

●Absorbs efficiently the impact caused when screws are fully seated.
●Torsion design suitable for tightening wood screws.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
AT142065	⊕2×φ3.5× 65 2pcs.	H	160×35×8	486113
AT142110	⊕2×φ3.5×110 2pcs.	H	160×35×8	486114

Inner Ctn.: 10 sets

No. BW TORSION BIT 5-Piece Set

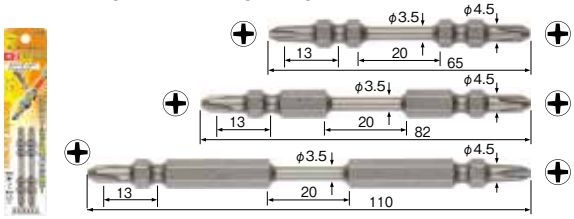
BW-163 BW-165

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
BW-163	⊕2×φ3.5× 65 5pcs.	H	140×70×23	486306
BW-165	⊕2×φ3.5× 65 3pcs. ⊕2×φ3.5×110 2pcs.	H H	140×70×23	486308

Provided with one bit holder. Outer Ctn.: 10 sets

No. ST SLENDER TORSION BIT 2-Piece Set PAT.

●Absorbs efficiently the impact caused when screws are fully seated.
●Tapered finished tip fits to slim screws.
●Torsion design suitable for tightening wood screws.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
ST141065	⊕1×φ3.5× 65 2pcs.	H	160×35×8	484400
ST142065	⊕2×φ3.5× 65 2pcs.	H	160×35×8	484401
ST142082	⊕2×φ3.5× 82 2pcs.	H	160×35×8	484403
ST142110	⊕2×φ3.5×110 2pcs.	H	160×35×8	484402

Inner Ctn.: 10 sets

No. BW SLENDER TORSION BIT 5-Piece Set PAT.

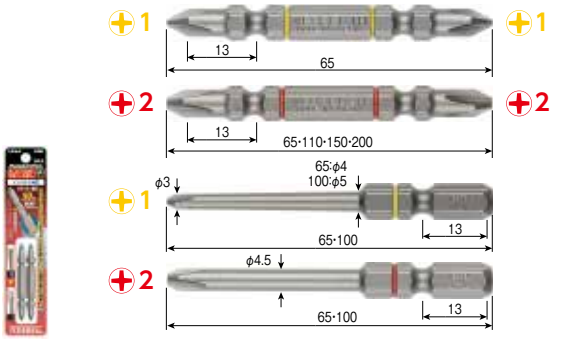
BW-301 BW-302 BW-303 BW-305

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
BW-301	⊕2×φ3.5× 65 5pcs.	H	140×70×23	486691
BW-302	⊕2×φ3.5×110 5pcs.	H	140×70×23	486692
BW-303	⊕2×φ3.5× 65 3pcs. ⊕2×φ3.5×110 2pcs.	H	140×70×23	486693
BW-305	⊕2×φ3.5× 82 5pcs.	H	140×70×23	486694

Provided with one bit holder. Outer Ctn.: 10 sets

No. AC CUSHION BIT 2-Piece Set PAT.

●Cushion ring is attached to reduce vibration.
●UltraHex shank avoids damage to the chuck.



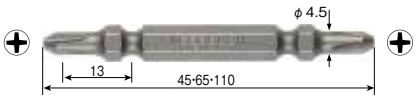
Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
AC141065	⊕1× 65 2pcs.	H	160×35×8	484376
AC142065	⊕2× 65 2pcs.	H	160×35×8	484378
AC142110	⊕2×110 2pcs.	H	160×35×8	484379
AC142150	⊕2×150 2pcs.	H	210×35×8	484380
AC142200	⊕2×200 2pcs.	H	260×35×8	484381
AC161065	⊕1×φ4 × 65 2pcs.	H	160×35×8	484386
AC161100	⊕1×φ5 ×100 2pcs.	H	160×35×8	484387
AC162065	⊕2×φ4.5× 65 2pcs.	H	160×35×8	484388
AC162100	⊕2×φ4.5×100 2pcs.	H	160×35×8	484389

※Colors inside the table cells indicate the ring color.

Inner Ctn.: 10 sets

No. AS SLENDER BIT 2-Piece Set

●Tapered finished tip fits to slim screws.
●For soft joint such as wood screws and resin tapping screws.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
AS141065	⊕1× 65 2pcs.	H	160×35×8	486187
AS142045	⊕2× 45 2pcs.	H	160×35×8	486186
AS142065	⊕2× 65 2pcs.	H	160×35×8	486184
AS142110	⊕2×110 2pcs.	H	160×35×8	486185

Inner Ctn.: 10 sets

No. BW SLENDER BIT 5-Piece Set

BW-180

BW-181

BW-182

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
BW-180	⊕2× 65 5pcs.	H	140×70×23	486650
BW-181	⊕2×110 5pcs.	H	140×70×23	486651
BW-182	⊕2× 65 3pcs. ⊕2×110 2pcs.	H	140×70×23	486652

Provided with one bit holder. Outer Ctn.: 10 sets

No. AS5P SLENDER BIT 5-Piece Set

AS5P1065F

AS5P2065F

AS5P2110F

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
AS5P1065F	⊕1× 65 5pcs.	H	135×50×7	485441
AS5P2065F	⊕2× 65 5pcs.	H	135×50×7	485442
AS5P2110F	⊕2×110 5pcs.	H	160×50×7	485443

Inner Ctn.: 10 sets

No. AS20P SLENDER BIT 20-Piece Set

AS20P2065F

AS20P2110F

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
AS20P2065F	⊕2× 65 20pcs.	H	143×87×14	484481
AS20P2110F	⊕2×110 20pcs.	H	162×87×14	484482

Inner Ctn.: 5 sets

One point

Bit Selection

●Different tip-end for various application.

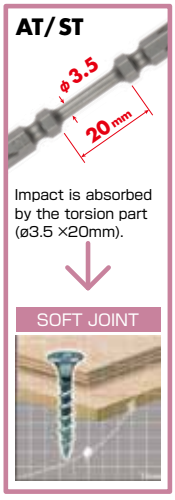
STANDARD **AT/AX/AL**
Good for most screws in the market with different depths of screw head hole.

SLENDER **ST/AS**
Tapered tip allows for easy view of small screw head, so that the bit tip fits a screw head hole quickly.

GIZA **AZ**
Jagged tip prevents cam-out, a typical problem to cross recessed screws.

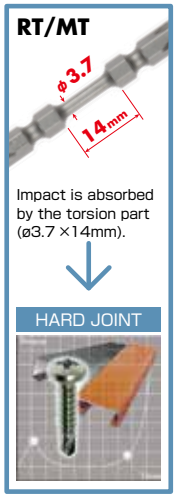
JAWS FIT **MT/JA**
Sharp protrusion at the slot of the tip fits screw head hole firmly, preventing cam-out.

●Selection according to torsion effect



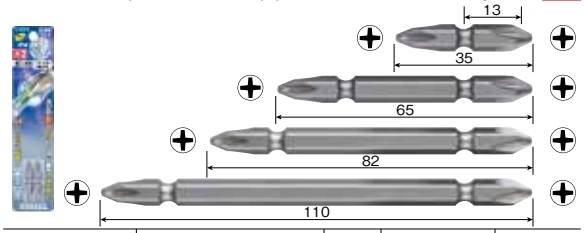
HARD JOINT
When an instantaneous impact is given when the head of drill screw or tapping screw is fully seated

SOFT JOINT
When the load is gradually increased such as in fastening wood screws



No. JA JAWS BIT 2-Piece Set PAT.

●Jaws Fit tip fits screw head hole.
●Reliable work possible as this tip prevents screws from falling over.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
JA142035	⊕2× 35 2pcs.	H	160×35×8	484450
JA142065	⊕2× 65 2pcs.	H	160×35×8	484451
JA142082	⊕2× 82 2pcs.	H	160×35×8	484452
JA142110	⊕2×110 2pcs.	H	160×35×8	484453

Inner Ctn.: 10 sets

No. JA5P JAWS BIT 5-Piece Set PAT.

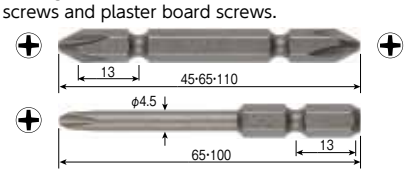
JA5P2065 JA5P2082 JA5P2110

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
JA5P2065	⊕2× 65 5pcs.	H	160×70×8	484456
JA5P2082	⊕2× 82 5pcs.	H	160×70×8	484457
JA5P2110	⊕2×110 5pcs.	H	160×70×8	484458

Inner Ctn.: 10 sets

No. AX EXTRA HARD BIT 2-Piece Set

●The highest hardness of 62HRC, suited for stainless screws and plaster board screws.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
AX142045	⊕2× 45 2pcs.	X	160×35×8	486192
AX142065	⊕2× 65 2pcs.	X	160×35×8	486193
AX142110	⊕2×110 2pcs.	X	160×35×8	486194
AX162065	⊕2×ϕ4.5× 65 2pcs.	X	160×35×8	486195
AX162100	⊕2×ϕ4.5×100 2pcs.	X	160×35×8	486196

Inner Ctn.: 10 sets

No. BW EXTRA HARD BIT 5-Piece Set

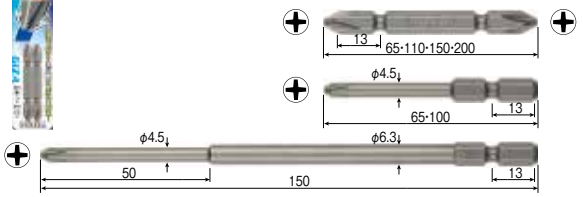
BW-36 BW-37 BW-38 BW-39

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
BW-36	⊕2× 65 5pcs.	X	140×70×23	486596
BW-37	⊕2×110 5pcs.	X	140×70×23	486597
BW-38	⊕2×ϕ4.5× 65 5pcs.	X	140×70×23	486598
BW-39	⊕2×ϕ4.5×100 5pcs.	X	140×70×23	486599

Provided with one bit holder. Outer Ctn.: 10 sets

No. AZ GIZA BIT 2-Piece Set

●Jagged parts prevents cam-out.
●Suited for fastening screws in a poor footing unstable place.

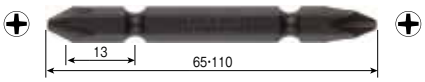


Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
AZ142065	⊕2× 65 2pcs.	H	160×35×8	486177
AZ142110	⊕2×110 2pcs.	H	160×35×8	486178
AZ142150	⊕2×150 2pcs.	H	210×35×8	486179
AZ142200	⊕2×200 2pcs.	H	260×35×8	486180
AZ162065	⊕2×ϕ4.5× 65 2pcs.	H	160×35×8	486181
AZ162100	⊕2×ϕ4.5×100 2pcs.	H	160×35×8	486182
AZ162150	⊕2×ϕ4.5×ϕ6.3×150 2pcs.	H	210×35×8	486183

Inner Ctn.: 10 sets

No. A14H TAPPING BIT 2-Piece Set

●Increased thickness of the cross blade recommended to heavy works.
●Suited for screws for sash frames with a thread size of about 4㎜.

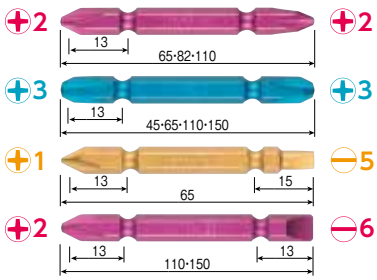


Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
A14H2065	⊕2× 65 2pcs.	H	160×35×8	486190
A14H2110	⊕2×110 2pcs.	H	160×35×8	486191

Inner Ctn.: 10 sets

No. IR14 IRO BIT (Color-coded Bit) 2-Piece Set

●Bits colored according to size.
●Excellent rust proof performance.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
IR142065	⊕2× 65 2pcs.	H	160×35×8	485104
IR142082	⊕2× 82 2pcs.	H	160×35×8	485107
IR142110	⊕2×110 2pcs.	H	160×35×8	485105
IR143045	⊕3× 45 2pcs.	H	160×35×8	485110
IR143065	⊕3× 65 2pcs.	H	160×35×8	485111
IR143110	⊕3×110 2pcs.	H	160×35×8	485112
IR143150	⊕3×150 2pcs.	H	210×35×8	485113
IR141565	⊕1/⊖5× 65 2pcs.	H	160×35×8	485120
IR142611	⊕2/⊖6×110 2pcs.	H	160×35×8	485122
IR142615	⊕2/⊖6×150 2pcs.	H	210×35×8	485123

※Colors inside the table cells indicate the bit color. Inner Ctn.: 10 sets

No. IR5P IRO BIT (Color-coded Bit) 5-Piece Set

IR5P2065F

IR5P2110F

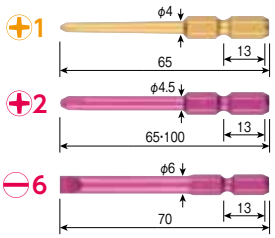
IR5P3065F

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
IR5P2065F	⊕2× 65 5pcs.	H	135×50×7	485167
IR5P2110F	⊕2×110 5pcs.	H	160×50×7	485168
IR5P3065F	⊕3× 65 5pcs.	H	135×50×7	485169

※Colors inside the table cells indicate the bit color. Inner Ctn.: 10 sets

No. IR16 Recessed IRO Bit (Color-coded Bit) 2-Pieces Set

●Bits colored according to size.
●Excellent rust proof performance.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
IR161065	⊕1×φ4 × 65 2pcs.	H	160×35×8	485132
IR162065	⊕2×φ4.5× 65 2pcs.	H	160×35×8	485134
IR162100	⊕2×φ4.5×100 2pcs.	H	160×35×8	485136
IR166070	⊖6×φ6 × 70 2pcs.	H	160×35×8	485131

※Colors inside the table cells indicate the bit color. Inner Ctn.: 10 sets

No. IR5P Recessed IRO Bit (Color-coded Bit) 5-Pieces Set

IR5P2100DF

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
IR5P2100DF	⊕2×φ4.5×100 5pcs.	H	160×50×7	485171

※Colors inside the table cells indicate the bit color. Inner Ctn.: 10 sets

No. IR5P IRO BIT (Color-coded Bit) 5-Piece Set

●Bits colored according to size.
●Excellent rust proof performance.

IR5P01

IR5P02

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
IR5P01	⊕1×φ4.0×65, ⊕2×φ4.5×100, ⊕2/⊖6×65, ⊕2×110, ⊕3×65	H	160×70×8	485165
IR5P02	⊕1×65, ⊕2×65 ⊕3×65, ⊕2×110(2pcs.)	H	160×70×8	485166

Inner Ctn.: 10 sets

No. A14SQ SQUARE DOUBLE END BIT 2-Piece Set

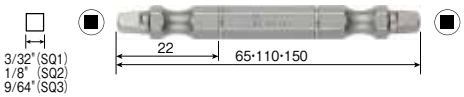
●Bit for square screws mostly used for sash frames and quake resistant hardware.

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
A14SQ1065	SQ 1× 65 2pcs.	H	160×35×8	486219
A14SQ2065	SQ 2× 65 2pcs.	H	160×35×8	486208
A14SQ2110	SQ 2×110 2pcs.	H	160×35×8	486210
A14SQ2150	SQ 2×150 2pcs.	H	210×35×8	486220
A14SQ3065	SQ 3× 65 2pcs.	H	160×35×8	486209
A14SQ3110	SQ 3×110 2pcs.	H	160×35×8	486211
A14SQ3150	SQ 3×150 2pcs.	H	210×35×8	486221

Inner Ctn.: 10 sets

No. A14RSQ SQUARE DOUBLE END BIT 2-Piece Set

●Bit for square screws mostly used for sash frames and quake resistant hardware.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
A14RSQ1065	SQ 1× 65 2pcs.	H	160×35×8	486222
A14RSQ2110	SQ 2×110 2pcs.	H	160×35×8	486224
A14RSQ2150	SQ 2×150 2pcs.	H	210×35×8	486225
A14RSQ3065	SQ 3× 65 2pcs.	H	160×35×8	486226
A14RSQ3110	SQ 3×110 2pcs.	H	160×35×8	486227

Inner Ctn.: 10 sets

No. BW SQUARE DOUBLE END BIT 5-Piece Set

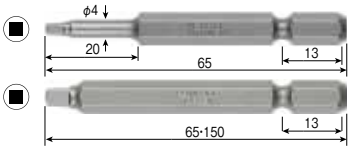
BW-401 **BW-403** **BW-407**

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
BW-401	SQ 2× 65 5pcs.	H	140×70×23	486850
BW-403	SQ 2×110 5pcs.	H	140×70×23	486852
BW-407	SQ 2× 65 1pc. SQ 3× 65 2pcs. SQ 2×110 1pc. SQ 3×110 1pc.	H H H H	140×70×23	486856

Provided with one bit holder. Outer Ctn.: 10 sets

No. M16SQ Square bit 2-Piece Set

●Bit for square screws mostly used for sash frames and quake resistant hardware.

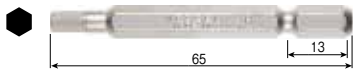


Model No.	Contents	Card size (mm)	EDP No.
M16SQ1065	SQ 1× 65 2pcs.	160×35×8	486155
M16SQ2065	SQ 2× 65 2pcs.	160×35×8	486156

Inner Ctn.: 10 sets

No. SM16H Hex Bit

●For hexagon socket head bolts or set screws commonly used for machines and facilities, cars and motorcycles.



Model No.	Contents	Card size (mm)	EDP No.
SM16H020	H 2 × 65 1pc.	135×35×8	486671
SM16H025	H 2.5× 65 1pc.	135×35×8	486672
SM16H030	H 3 × 65 1pc.	135×35×8	486673
SM16H040	H 4 × 65 1pc.	135×35×8	486674
SM16H050	H 5 × 65 1pc.	135×35×8	486675
SM16H060	H 6 × 65 1pc.	135×35×8	486676
SM16H080	H 8 × 65 1pc.	135×35×8	486677

Inner Ctn.: 10 sets

No. BW Hex Bit 5-Piece Set

BW-31

Model No.	Contents	Card size (mm)	EDP No.
BW-31	H2.5, 3, 4, 5, 6×65 1 for each	140×70×23	486591

Provided with one bit holder. Outer Ctn.: 10 sets

No. SMVT TORX Bit (Tamper-Proof)

●For TORX screws used in the automobile industry.
●With a round hole for tamper-proof.

Model No.	Contents	Card size (mm)	EDP No.
SMVT08H	T 8H× 65 1pc.	135×35×8	486681
SMVT10H	T10H× 65 1pc.	135×35×8	486682
SMVT15H	T15H× 65 1pc.	135×35×8	486683
SMVT20H	T20H× 65 1pc.	135×35×8	486684
SMVT25H	T25H× 65 1pc.	135×35×8	486685
SMVT27H	T27H× 65 1pc.	135×35×8	486686
SMVT30H	T30H× 65 1pc.	135×35×8	486687
SMVT40H	T40H× 65 1pc.	135×35×8	486688

Inner Ctn.: 10 sets

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

No. SM16BP Ball Point Bit

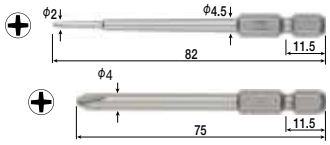
●For bolts with holes or set screws commonly used for machines and facilities, cars and motorcycles.

Model No.	Contents	Card size (mm)	EDP No.
SM16BP40	H 4 × 82 1pc.	160×35×8	486696
SM16BP50	H 5 × 82 1pc.	160×35×8	486697
SM16BP60	H 6 × 82 1pc.	160×35×8	486698

Inner Ctn.: 10 sets

No. D83 Bit 2-Piece Set

●Stepped shape useful for fastening screws in narrow spaces.

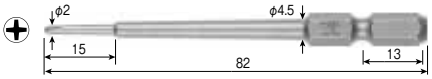


Model No.	Contents	Card size (mm)	EDP No.
D830082	⊕0×φ2 ×φ4.5× 82 2pcs.	160×35×8	486287
D831075	⊕1×φ4 × 75 2pcs.	160×35×8	486283

Inner Ctn.: 10 sets

No. M16 Bit for small precision screws 2-Piece Set

●Stepped shape useful for fastening screws in narrow spaces.

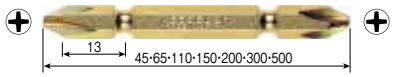


Model No.	Contents	Card size (mm)	EDP No.
M160082	⊕0×φ2×φ4.5× 82 2pcs.	160×35×8	486158

Inner Ctn.: 10 sets

No. GM14 Double End Gold Color Bit (Magnetic) 2-Piece Set

●If one end breaks, the other end can be used.
●Gold finish that stands out in the site.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
GM141065	⊕1× 65 2pcs.	H	135×35×8	486421
GM141110	⊕1×110 2pcs.	H	160×35×8	486422
GM142045	⊕2× 45 2pcs.	H	135×35×8	486423
GM142065	⊕2× 65 2pcs.	H	135×35×8	486424
GM142110	⊕2×110 2pcs.	H	160×35×8	486425
GM143065	⊕3× 65 2pcs.	H	135×35×8	486428
GM142150	⊕2×150 2pcs.	H	210×35×8	486426
GM142200	⊕2×200 2pcs.	H	260×35×8	486569
GM143110	⊕3×110 2pcs.	H	160×35×8	486429

Inner Ctn.: 10 sets

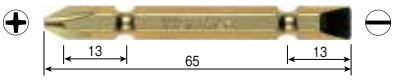
No. GM14 Double End Gold Color Bit (Magnetic) 1-Piece

Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
GM142300	⊕2×300 1pc.	H	340×35×17	486570
GM142500	⊕2×500 1pc.	H	540×35×17	486571

Silver finish, For the S hanger. Inner Ctn.: 10 sets

No. GM14 ⊕⊖Double End Gold Color Bit 2-Piece Set

●1 bit for ⊕/⊖ types.
●Gold finish that stands out in the site.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
GM141565	⊕1/⊖5×65 2pcs.	H	135×35×8	486441
GM142665	⊕2/⊖6×65 2pcs.	H	135×35×8	486442

Inner Ctn.: 10 sets

No. BW Gold Color Bit 5-Piece Set

●Gold finish that stands out in the site.

BW-52

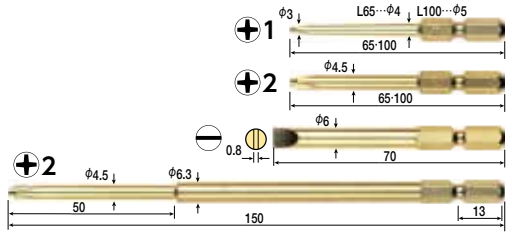
BW-53

Model No.	Contents	Card size (mm)	EDP No.
BW-52	Double End Gold Color Bit ⊕2× 65 5pcs.	95×70×23	486622
BW-53	Double End Gold Color Bit ⊕2×110 5pcs.	140×70×23	486623

Provided with one bit holder. Outer Ctn.: 10 sets

No. GM16 Step Gold Color Bit 2-Piece Set

●Recessed type. Thin shank allows for use in narrow spaces.



Model No.	Contents	Heat treatment classification	Card size (mm)	EDP No.
GM166070	⊖6×ϕ6 × 70 2pcs.	G	160×35×8	486454
GM161065	⊕1×ϕ4 × 65 2pcs.	H	135×35×8	486455
GM161100	⊕1×ϕ5 ×100 2pcs.	H	160×35×8	486459
GM162065	⊕2×ϕ4.5× 65 2pcs.	H	135×35×8	486456
GM162100	⊕2×ϕ4.5×100 2pcs.	H	160×35×8	486457
GM162150	⊕2×ϕ4.5×ϕ6.3×150 2pcs.	H	210×35×8	486458

Inner Ctn.: 10 sets

No. BW Gold Color Bit 10-Piece Set

●Excellent rust proof performance.

BW-11

BW-12

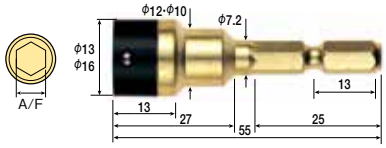
BW-13

BW-15

Model No.	Contents	Card size (mm)	EDP No.
BW-11	Double End Gold Color Bit ⊕2× 45 10pcs.	120×85×23	486311
BW-12	Double End Gold Color Bit ⊕2× 65 10pcs.	120×85×23	486312
BW-13	Double End Gold Color Bit ⊕2×110 10pcs.	150×100×23	486313
BW-15	Double End Gold Color Bit ⊕1×65, ⊕2×110, ⊕3×65 1 for each ⊕2×45, ⊕2×65 2 for each ⊕⊖Double End Gold Color Bit ⊕2/⊖6×65 1pc. Step Gold Color Bit ⊕1×100, ⊕2×100 2 for each	150×100×23	486315

Provided with one bit holder. Outer Ctn.: 10 sets

No. GSB Gold Color Nut Setter (Locked with ball)



Model No.	Contents	Card size (mm)	EDP No.
GSB8055	A/F 5/16"×55(for 5mm) 1pc.	135×35	486511
GSB9655	A/F 3/8"×55(for 6mm) 1pc.	135×35	486512

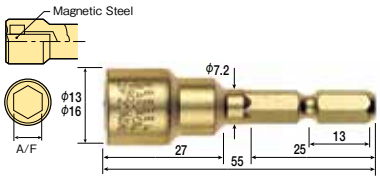
Inner Ctn.: 5 sets

No. BW-70 Socket Bit Belt

Model No.	Contents	Card size (mm)	EDP No.
BW-70	A/F 8×60 A/F 10×60 A/F 12×60 A/F 13×60 A/F 14×60 1 for each	140×80×23	486705

Provided with one bit holder. Outer Ctn.: 5 sets

No. GSAM Gold Color Nut Setter (Magnetic)



Model No.	Contents	Card size (mm)	EDP No.
GSAM8055	A/F 5/16"×55(for 5mm) 1pc.	135×35	486501
GSAM9655	A/F 3/8"×55(for 6mm) 1pc.	135×35	486502

Inner Ctn.: 5 sets

No. SB Nut Setter (For power tools)

Model No.	Contents	Card size (mm)	EDP No.
SB A/F 5/16"×55	A/F 5/16"×55(for 5mm) 5pcs.	127×87×15	482531
SB A/F 3/8"×55	A/F 3/8"×55(for 6mm) 5pcs.	127×87×15	482532

Outer Ctn.: 10 sets

No. GMA Gold Bits (in zip pack)

- Packed in a bag with a zipper for easy storage.
- Gold finish that stands out in the site.

Model No.	Contents	Heat treatment classification	Package size (mm)	EDP No.
GMA14 ⊕2× 45H	GM14 ⊕2× 45 10pcs.	H	145×80×7	410150
GMA14 ⊕2× 65H	GM14 ⊕2× 65 10pcs.	H	145×80×7	410153
GMA14 ⊕2×110H	GM14 ⊕2×110 10pcs.	H	190×80×7	410156
GMA16 ⊕1×φ3 × 65H	GM16 ⊕1×φ3 × 65 10pcs.	H	145×80×7	418303
GMA16 ⊕1×φ3 ×100H	GM16 ⊕1×φ3 ×100 10pcs.	H	190×80×7	418306
GMA16 ⊕2×φ4.5× 65H	GM16 ⊕2×φ4.5× 65 10pcs.	H	145×80×7	418313
GMA16 ⊕2×φ4.5×100H	GM16 ⊕2×φ4.5×100 10pcs.	H	190×80×7	418316

Inner Ctn.: 10 sets

No. D80 Cordless Screwdriver Bit

Model No.	Contents	Card size (mm)	EDP No.
D80	⊕1, ⊕2, ⊖6.3×50 1 for each	125×55×8	482301

Inner Ctn.: 1 set, Outer Ctn.: 50 sets

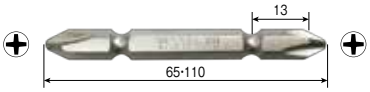
No. BB Bit Belt Holder

Model No.	Contents	Package size (mm)	EDP No.
BB-5	Bit Belt Holder for 5pcs.	158×78×28	486579
BB-10	Bit Belt Holder for 10pcs.	118×98×38	486580

Outer Ctn.: 10 sets

No. VBA Double End Power Bit (w/Bit Belt)

- Holder included for hanging from the waist belt.
- Anti-rust surface treatment.
- Popular 2 sizes available.



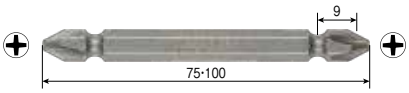
Model No.	Contents	Card size (mm)	EDP No.
VBA20651	Non-electrolytic plated bit ⊕2× 65mm 10pcs.	50×100	484056
VBA21101	Non-electrolytic plated bit ⊕2×110mm 10pcs.	85×120	484057

with one piece of holder case Inner Ctn.: 10 sets

No. BMG43 Bit Mag Bottle 20-pc Set Double End Bits (B-type) PAT.

- Basic bits which are long popular in assembly factories.
- Optimal for hard joint parts such as tapping and machine screws.
- Integrated magnetizer in the cap to magnetize/demagnetize bits.
- Provided with a ring to hang onto hooks.

Bottle



Model No.	Contents	Heat treatment classification	Bottle size (mm)	EDP No.
BMG43 ⊕2×100H	⊕2×100 20pcs.	H	53×100×153	415282

Inner Ctn.: 5 sets

No. SMG14 Bit Mag Bottle 20-pc Set SAKISUBO Double End Bits PAT.

- Tip is easy to see, and the torsion effect of the constricted part produces great durability.
- Used for soft joints such as wood screw work.
- Integrated magnetizer in the cap to magnetize/demagnetize bits.
- Provided with a ring to hang onto hooks.

Bottle

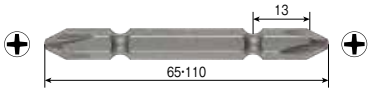
Model No.	Contents	Heat treatment classification	Bottle size (mm)	EDP No.
SMG14 ⊕2× 65H	⊕2× 65 20pcs.	H	53×100×111	415283
SMG14 ⊕2×110H	⊕2×110 20pcs.	H	53×100×153	415284

Inner Ctn.: 5 sets

No. AMG14 Bit Mag Bottle 20-pc Set Double End Bits (A-type) PAT.

- Basic bits which are long popular in assembly factories.
- Optimal for hard joint parts such as tapping and machine screws.
- Integrated magnetizer in the cap to magnetize/demagnetize bits.
- Provided with a ring to hang onto hooks.

Bottle

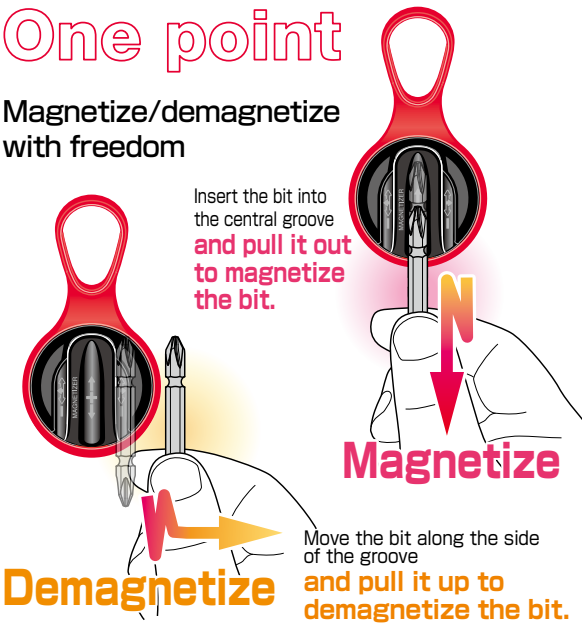


Model No.	Contents	Heat treatment classification	Bottle size (mm)	EDP No.
AMG14 ⊕2× 65H	⊕2× 65 20pcs.	H	53×100×111	415285
AMG14 ⊕2×110H	⊕2×110 20pcs.	H	53×100×153	415286

Inner Ctn.: 5 sets

One point

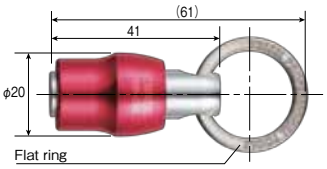
Magnetize/demagnetize with freedom



No. QB-10 Quick Catcher

- Bit can be replaced with just one hand.
- Smooth surface finish and pull-up type sleeve prevent tools from dropping.
- Strong ball chuck enables to mount a tool up to 500g.
- Flat ring with large diameter is easy to mount on carabiners, etc.

QB-10R QB-10B QB-10Y



Model No.	Contents	Card size (mm)	EDP No.
QB-10R	Quick Catcher (Red) 1pc.	135×50×22	486921
QB-10B	Quick Catcher (Blue) 1pc.	135×50×22	486922
QB-10Y	Quick Catcher (Yellow) 1pc.	135×50×22	486923

Inner Ctn.: 10 sets Outer Ctn.: 10 sets

No. QB-K3C Quick Catcher 3-Piece Set

- Bit can be replaced with just one hand.
- Smooth surface finish and pull-up type sleeve prevent tools from dropping.
- Strong ball chuck enables to mount a tool up to 500g.
- Provided with a carabiner to hang onto your belt, etc.

Model No.	Contents	Card size (mm)	EDP No.
QB-K3C	Quick catcher (Red・Blue・Yellow)、Carabiner (Black) 1 for each	135×50×50	486924

Inner Ctn.: 10 sets Outer Ctn.: 100 sets

No. QB-KBAD Quick Catcher with Key Adapter

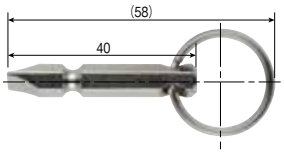
- Bit can be replaced with just one hand.
- Smooth surface finish and pull-up type sleeve prevent tools from dropping.
- Strong ball chuck enables to mount a tool up to 500g.
- Provided with a carabiner to hang onto your belt, etc.

Model No.	Contents	Card size (mm)	EDP No.
QB-KBAD	Quick catcher (Black), Key adapter、Carabiner (Black) 1 for each	135×50×31	486925

Inner Ctn.: 10 sets Outer Ctn.: 100 sets

No. QB-AD Key Adapter

- Key adapter for Quick Catcher QB series.
- A flat blade for prizing, which can also be used to open paint can lids.
- Flat ring with large diameter is easy to mount on carabiners, etc.



Model No.	Contents	Card size (mm)	EDP No.
QB-AD	Key adapter 1pc.	135×50×9	486926

Inner Ctn.: 10 sets Outer Ctn.: 100 sets

No. SL
GO-TAN Semi-Long socket

Medium length socket characterized by carefully polished mirror finish.
Smooth streamlined design fits comfortably in your hand.
Light-weight Deep Hole Sockets are good especially for installation and/or roof work of solarpanels, which are expanding.

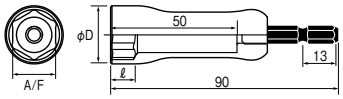
A D V A N C E D
PRESS-FIT
T E C H N O L O G Y

Improved strength against shank breakage, press fit type

No. SL
"GO-TAN" Semi-long Socket
The most versatile medium length socket
Plane contact type hex socket
Streamlined mirror finish body fits your hand and has an excellent rust-proof performance.

No. SL "GO-TAN" (Hard Forged) Semi-long Socket

- The most versatile medium length socket.
- Streamlined mirror finish (chrome plating) and excellent rust-proof sockets.
- Plane contact type hex socket.



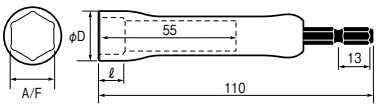
←See P100

Model No.	A/F	φD	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
SL200790	7	11	6.5	90	143×35	486741
SL200890	8	14	6.5	90	143×35	486731
SL200990	9	15	6.5	90	143×35	486742
SL201090	10	16	6.5	90	143×35	486732
SL201190	11	17	7	90	143×35	486743
SL201290	12	18	7.5	90	143×35	486733
SL201390	13	19	8	90	143×35	486734
SL201490	14	20	8	90	143×35	486735
SL201590	15	21	8	90	143×35	486744
SL201790	17	23	9	90	143×35	486736
SL201990	19	25	10	90	143×35	486737
SL202190	21	28	11	90	143×35	486738
SL202290	22	29	12	90	143×35	486739
SL202490	24	32	13	90	143×35	486740

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. TA "GO-TAN" (Hard Forged) Mirror Socket PAT.

- With a shank press-fit into the socket with resin, suppressing the concentration of stress on the shank part when impact is applied.
- Streamlined mirror finish (chrome plating) and excellent rust-proof sockets.
- Plane contact type hex socket.

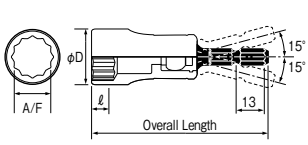


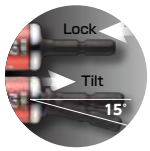
Model No.	A/F	φD	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
TA200811	8	14	6.5	110	165×35	485008
TA201011	10	16	6.5	110	165×35	485010
TA201211	12	18	7.5	110	165×35	485012
TA201311	13	19	8	110	165×35	485013
TA201411	14	20	8	110	165×35	485014
TA201711	17	23	9	110	165×35	485017
TA201911	19	25	10	110	165×35	485019
TA202111	21	28	11	110	165×35	485021
TA202211	22	29	13	110	165×35	485022
TA202411	24	32	13	110	165×35	485024

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. WSA "GO-TAN" (Hard Forged) Tilt Short Socket

- Pull the shank for tilting use. Push the shank toward the socket to fix.
- Recommended to the work more in a cramped space than at a sharp corner of a space.
- Tilting angle 15°assures superior torque transmission. The socket does not wobble and does not damage nuts.





Model No.	A/F	φD	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
WSA2008	8	13	6.5	75	130×35	486751
WSA2010	10	16	6.5	75	130×35	486752
WSA2012	12	18	7.5	75	130×35	486753
WSA2013	13	19	8	75	130×35	486754
WSA2014	14	20	8	75	130×35	486755
WSA2017	17	23	9	75	130×35	486756
WSA2019	19	25	10	75	130×35	486757
WSA2021	21	28	11	80	140×35	486758
WSA2024	24	32	13	85	145×35	486759

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. WSA209PS "GO-TAN" (Hard Forged) Tilt Short Socket 9-Piece Set

- Pull the shank for tilting use. Push the shank toward the socket to fix.
- Recommended to the work more in a cramped space than at a sharp corner of a space.
- Tilting angle 15°assures superior torque transmission. The socket does not wobble and does not damage nuts.

Model No.	Set Contents	Case size (mm)	EDP No.
WSA209PS	"GO-TAN" (Hard Forged) Tilt Short Socket 1 for each A/F8, 10, 12, 13, 14, 17, 19, 21, 24	227×105×38	486760

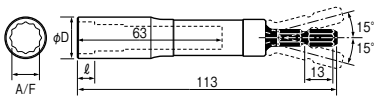
No. SL209PS "GO-TAN" (Hard Forged) Semi-long Socket 9-Piece Set

- Combination of the most versatile medium length sockets.
- Streamlined mirror finish (chrome plating) and excellent rust-proof sockets.
- Plane contact type hex socket.

Model No.	Set Contents	Case size (mm)	EDP No.
SL209PS	"GO-TAN" (Hard Forged) Semi-long Socket 1 for each A/F8, 10, 12, 13, 14, 17, 19, 21, 24	227×105×38	486745

No. WA Tilt Socket PAT.

- Ususlly can be used as deep length socket, but at a corner can be used as a tilting socket.
- Plane contact type dodecagonal socket allows for easy fitting to bolts and nuts, improving working performance.

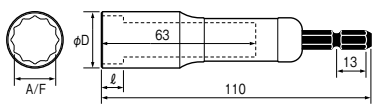


Model No.	A/F	φD	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
WA201011	10	16	6.5	113	165×35	486361
WA201211	12	18	7.5	113	165×35	486362
WA201311	13	19	8	113	165×35	486363
WA201411	14	20	8	113	165×35	486364
WA201711	17	23	9	113	165×35	486365
WA201911	19	25	10	113	165×35	486366
WA202111	21	28	11	113	165×35	486367
WA202211	22	29	13	113	165×35	486368
WA202411	24	32	13	113	165×35	486369

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. LA Deep Hole Socket

- Deep hole socket suitable for nut tightening work.
- Plane contact type dodecagonal socket allows for easy fitting to bolts and nuts, improving working performance.



Model No.	A/F	φD	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
LA200811	8	14	6.5	110	165×35	486140
LA201011	10	16	6.5	110	165×35	486141
LA201211	12	18	7.5	110	165×35	486142
LA201311	13	19	8	110	165×35	486143
LA201411	14	20	8	110	165×35	486144
LA201711	17	23	9	110	165×35	486145
LA201911	19	25	10	110	165×35	486146
LA202111	21	28	11	110	165×35	486147
LA202211	22	29	13	110	165×35	486148
LA202411	24	32	13	110	165×35	486149

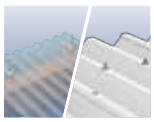
※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets (LA202411 is supplied only by inner ctn.)

One point

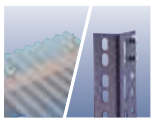
Various applications of socket bits

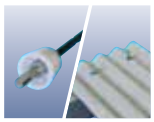
For assembly and disassembly of electric appliances, hex tapping screws, and bolt and nut tightening → 5.5 mm

For mounting casters and adjust bolts, and pipe saddles to ALC, etc. → 7 mm

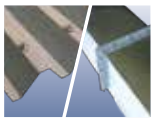

For corrugated panels (hook bolts), folded plate roof materials, and drill screws to be used between roof frames, etc. → 8 mm

For mounting fixtures to C-shape steel (drill screws, etc.) → 9.6 mm


For corrugated panels (hook bolts), steel furniture assembly, lag screws, etc. → 10 mm


For corrugated slate panels (hook bolts), form work equipment (plastic cones), etc. → 12 mm

For mounting members to cavity walls (hanger bolts for cavity walls), lag screws, facility, piping work, etc. → 13 mm


For placing folded plate roof (roof bolts), duct mounting, facility, piping work, etc. → 14 mm

For scaffolding work (clamps), cable rack assembly, lag screws, etc. → 17 mm

For strap bolts, lag screws, etc. → 19 mm

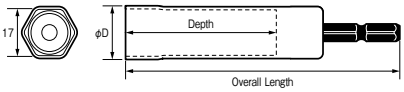
For form tie nuts, strap bolts, lag screws, etc. → 21 mm

Useful when concrete is attached to a form tie nut → 22 mm

For hole-down joint metals (bolt with washer, anchor bolt), etc. → 24 mm

No. KAR20 Strut Channel Socket

- Very thin hexagonal socket, preventing its head from being obstructed by the strut channel frame.
- Special hexagonal shape in consideration of less damage on each edge of the nut.
- Deep hole in the box assuring to tighten long head screws, too.

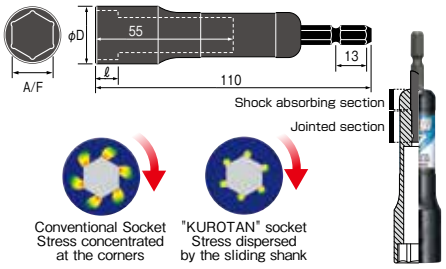


Model No.	A/F	φD	Depth	Overall Length (mm)	Card size (mm)	EDP No.
KAR201710	17	19.9	55	100	155×35×21	357489
KAR201715	17	19.9	105	150	205×35×21	357496

Inner Ctn.: 5 sets

No. HA "KUROTAN" Socket PAT.

- Professional's preferred all black finish.
- Improved durability as unique shank structure disperses the impact.
- Plane contact type hex socket.

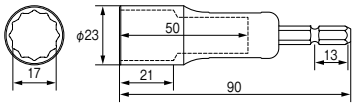


Model No.	A/F	φD	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
HA201911	19	25	10	110	160×35	486117
HA202111	21	28	11	110	160×35	486118

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. LAS Scaffolding Worker's Socket

- Socket for scaffolding corresponding to clamps.
- Plane contact type dodecagonal socket allows for easy fitting to bolts and nuts, improving workability.

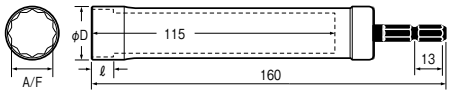


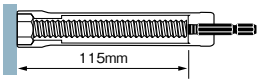
Model No.	A/F	Outer Diameter φ	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
LAS20179	17	23	21	90	146×35	486150

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. XA Drop-ceiling Socket

- Suited for tightening nuts when the projecting part is long.
- Useful for mounting duct and tightening hanging bolts.
- Plane contact type dodecagonal socket.





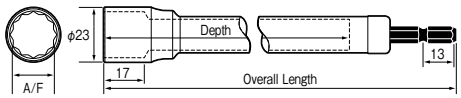
Handy for tightening protruding bolts.

Model No.	A/F	φD	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
XA201715	17	23	9	160	217×35	486132
XA201915	19	25	10	160	217×35	486133
XA202115	21	28	11	160	217×35	486134
XA202415	24	32	13	160	217×35	486131

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 50 sets

No. KA Drop-ceiling Socket

- Super long size socket with a deep hole.
- The diameter of the deep hole part is designed to be as small as the size of the thread, realizing light weight and making overhead position work easier.
- Plane contact type dodecagonal socket.

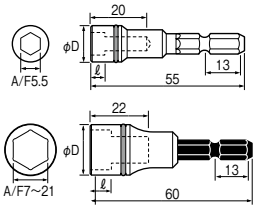


Model No.	A/F	Outer Diameter φ	Depth	Overall Length (mm)	Card size (mm)	EDP No.
KA201730	17	23	255	300	355×35	484421
KA201750	17	23	455	500	555×35	484422
KA201770	17	23	655	700	755×35	484423

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets

No. SA "GO-TAN" Socket

●Basic sockets.
●Plane contact type hexagonal socket allowing for excellent durability.



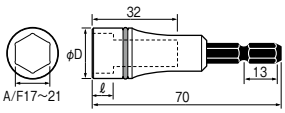
Axial Press-fitting is strong against twisting

Model No.	A/F	φD	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
SA205555	5.5	10	3.5	55	110×35	486230
SA200755	7	13	5	60	115×35	486231
SA200860	8	13.5	6.5	60	115×35	486232
SA209660	9.6	16	6.5	60	115×35	486233
SA201060	10	16	6.5	60	115×35	486234
SA201260	12	18	8	60	115×35	486235
SA201360	13	19	8	60	115×35	486236
SA201460	14	20	8	60	115×35	486237
SA201760	17	23	9	60	115×35	486238

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. SA "GO-TAN" Semi-Long Type

●Basic sockets.
●Plane contact type hexagonal socket allowing for excellent durability.

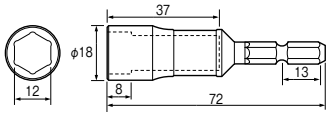


Model No.	A/F	φD	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
SA201770	17	23	9	70	125×35	486243
SA201970	19	25	10	70	125×35	486239
SA202170	21	28	11	70	125×35	486240

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. A201275 Socket for Plastic Cone

●For attaching and removing plastic cones.
●The shank can be hit with a hammer to remove concrete rubble.

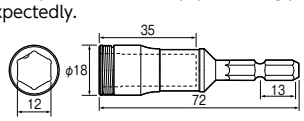


Model No.	A/F	φD	Overall Length (mm)	Card size (mm)	EDP No.
A201275	12	18	72	120×35	486241

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. A201275C Plastic Cone Catcher

●A spring and a ball hold a plastic cone firmly, preventing plastic cone from coming out unexpectedly.

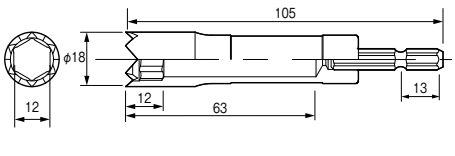


Model No.	A/F	Outer Diameter φ	Overall Length (mm)	Card size (mm)	EDP No.
A201275C	12	18	72	130×35	486265

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. A201210B Rubble-removing Socket for Plastic Cones (Carbide Chip)

●For attaching and removing plastic cones while removing concrete rubbles.
●Excellent abrasion-resistance with the highly hard cutting edge.



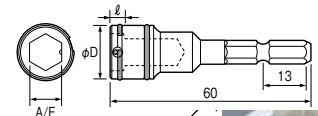
The hardness of the tip has been increased (HRC51) for higher wear-resistance.

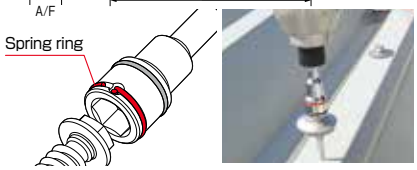
Model No.	A/F	Outer Diameter φ	Overall Length (mm)	Card size (mm)	EDP No.
A201210B	12	18	105	160×35	486264

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets

No. SAR Ring Nut Setter

- Ring spring holds the screw head firmly.
- It does not use magnets, not attracting chips.



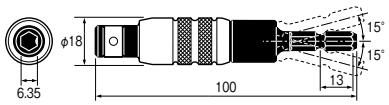


Model No.	A/F	φD	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
SAR0860	8	13	3	60	115×35	486245
SAR9660	9.6	16	4	60	115×35	486246
SAR1060	10	16	5	60	115×35	486247

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. WBJ Tilt Bit Holder PAT.

- Thanks to a hand-turned grip, users can work in a stable posture.
- Installing hall-down hardware and angle brackets.

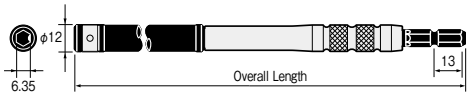


Model No.	Bit mounting angle (mm)	Outer Diameter φ	Overall Length (mm)	Card size (mm)	EDP No.
WBJ100	6.35	18	100	160×35	486357

Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. EXJ Long Bit Holder

- Insert 6.35mm hexagon bit, and transform it to a long type.
- Hand-turned grip enables to use in a stable posture.
- For tightening screws in high places or when nearby obstructions make work difficult.



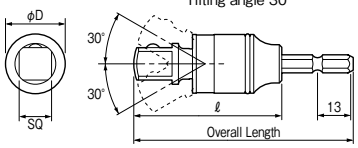
Model No.	Bit mounting angle (mm)	Outer Diameter φ	Overall Length (mm)	Card size (mm)	EDP No.
EXJ150	6.35	12	150	205×35	486350
EXJ300	6.35	12	300	355×35	486351

Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. A20USQ Universal Socket Adapter

- Universal adaptor used with a hand held socket.
- Most standard 9.5mm and 12.7mm socket types are available.
- Suited for bolt and nut tightening works in narrow spaces.

Tilting angle 30°

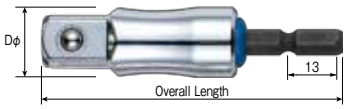


Model No.	Square drive size A/F	φD	ℓ	Overall Length (mm)	Card size (mm)	EDP No.
A20USQ3	3/8" (9.5mm)	20	49	77	133×35	486268
A20USQ4	1/2" (12.7mm)	23	56	84	140×35	486269

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. TA20BSQ "GO-TAN" (Hard Forged) Mirror Socket Adapter

- Remarkably improved durability by protecting the shank with a shock absorbing resin.
- 4 times superior durability than a press-fit type.
- Adapter for electric screwdrivers, with which commercially available sockets can be used.



Model No.	Square drive size A/F	φD	Overall Length (mm)	Card size (mm)	EDP No.
TA20BSQ3	9.5	16	72	130×35	486492
TA20BSQ4	12.7	18	77	135×35	486493
TA20BSQ3L	9.5	16	110	170×35	486494
TA20BSQ4L	12.7	18	115	175×35	486495

Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. TA20WSQ "GO-TAN" (Hard Forged) Tilt Socket Adapter

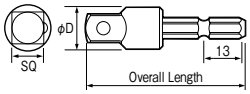
- Remarkably improved durability by protecting the shank with a shock absorbing resin.
- 4 times superior durability than a press-fit type.
- Adapter for electric screwdrivers, with which commercially available sockets can be used.

Model No.	Square drive size A/F	φD	Overall Length (mm)	Card size (mm)	EDP No.
TA20WSQ3	9.5	16	72	130×35	486496
TA20WSQ4	12.7	18	77	135×35	486497
TA20WSQ3L	9.5	16	110	170×35	486498
TA20WSQ4L	12.7	18	115	175×35	486499

Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. A20BSQ Socket Adapter

●Use your own sockets.
●Available in 3 sizes for different types of socket chucks.
●Superior durability by press-fitting (3/8", 1/2" only).

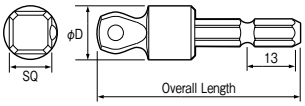


Model No.	Square drive size A/F	φD	Overall Length (mm)	Card size (mm)	EDP No.
A20BSQ2	1/4"(6.35mm)	8	45	105×35	486352
A20BSQ3	3/8"(9.5mm)	14	54	112×35	486353
A20BSQ4	1/2"(12.7mm)	16	59	117×35	486354

Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. A20WSQ Tilt Socket Adapter PAT.

●Use your own sockets.
●When pulled it swings, and when pushed it is locked.
●Superior durability by press-fitting.

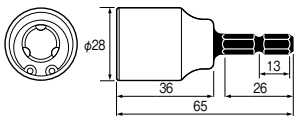


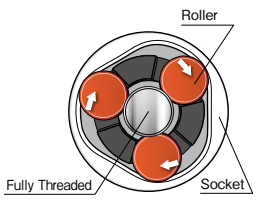
Model No.	Square drive size A/F	φD	Overall Length (mm)	Card size (mm)	EDP No.
A20WSQ3	3/8"(9.5mm)	14	56	114×35	486355
A20WSQ4	1/2"(12.7mm)	16	60	117×35	486356

Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. A20ZW Fully Threaded Socket

●3 rollers hold screw firmly.
●Indispensable for a work with hanging bolts and light gauge steel framing construction.



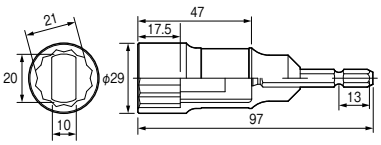


Model No.	Screw size	Outer Diameter φ	Overall Length (mm)	Card size (mm)	EDP No.
A20ZW30	w3/8	28	66	124×38×28	486359
A20ZW40	w1/2	28	66	124×38×28	486360

※The colors of the Screw size column in the table indicate the seal colors. Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. A202110F Form Tie Socket(For Ivy Form Ties)

●Removes the ivy form tie and nut at the same time.
●Plane contact type dodecagonal socket.

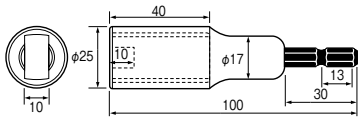


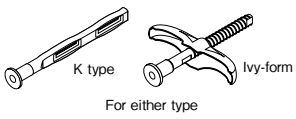
Model No.	A/F	Outer Diameter φ	Overall Length (mm)	Card size (mm)	EDP No.
A202110F	21	29	97	160×35	486267

※The colors of the A/F column in the table indicate the seal colors. Inner Ctn.: 5 sets

No. GA20F101 Form Tie Socket

●Suited for both K type form tie and Ivy form tie.
●Socket exclusively for form ties.



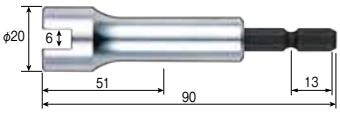


Model No.	A/F	Outer Diameter φ	Overall Length (mm)	Card size (mm)	EDP No.
GA20F101	10	25	100	160×35	486491

Inner Ctn.: 5 sets

No. A20CH13 Thumbscrew Socket

●To fasten either wing screws or hexagonal nuts (Wing screw size: M4/5/6, Hexagonal nut: A/F13mm).
●Can fasten many wing screws during a short time, mounting this product to an electric impact driver. May be recommended to installation of electric fences or PVC greenhouses.
●A/F13mm type may be recommended to replacement of bush cutters.
●Can be used with a commercially available driver handle.

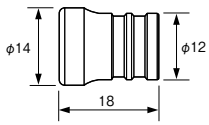


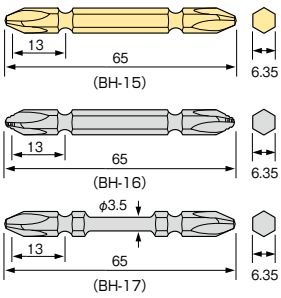
Model No.	A/F	φD	Overall Length (mm)	Card size (mm)	EDP No.
A20CH13	13	20	90	140×35	486244

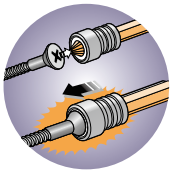
Inner Ctn.: 5 sets Outer Ctn.: 100 sets

No. BH Magnetic Screw Catcher

- When a screw approaches the bit, the magnet sleeve moves automatically to catch the screw.
- Suited for building work such as floor panels, joist, interior finish, 2×4, etc.







Automatically catches screws

BH-15 BH-16 BH-17

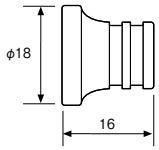
Model No.	Contents	Card size (mm)	EDP No.
BH-15	Magnetic Screw Catch 1pc. Double End Gold Color Bit ⊕2×65 1pc.	135×45	486331
BH-16	Magnetic Screw Catch 1pc. "GIZA" bit ⊕2×65 1pc.	135×45	486332
BH-17	Magnetic Screw Catch 1pc. Torsion bit ⊕2×65 1pc.	135×45	486333

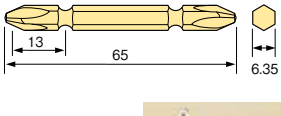
Inner Ctn.: 10 sets

No. BH-13 Screw Adjuster PAT.

- Provided with screw stopper.
- Keeps the level of screw head constant in continuous work, causing no damage to the plaster board.

Bit





8~9.5mm

Can be used with bell-shaped screws.

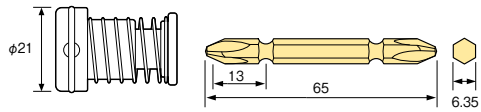
Model No.	Contents	Card size (mm)	EDP No.
BH-13	Screw Adjuster 1pc. Double End Gold Color Bit ⊕2×65 1pc.	135×45	486329

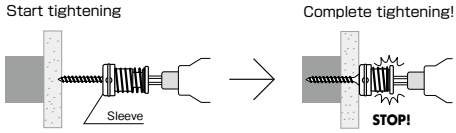
Outer Ctn.: 10 sets

No. BH-11 Screw Catch and Adjuster PAT.

- Catches long screws even without magnetic force.
- Screw stopper function keeps the level of screw head constant, causing no damage to the plaster board.

Bit





8~9.5mm

Can be used with bell-shaped screws.

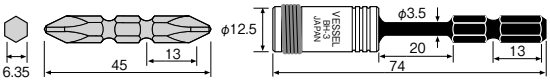
Model No.	Contents	Card size (mm)	EDP No.
BH-11	Screw Catch and Adjuster 1pc. Double End Gold Color Bit ⊕2×65 1pc.	135×45	486324

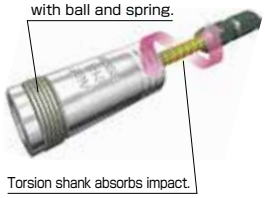
Outer Ctn.: 10 sets

No. BH-14 Torsion Bit Holder

- Bit holder with a torsion part.
- Can be used by mounting a double-ended bit.
- Prevents screw stripping and bit breakage.

Bit



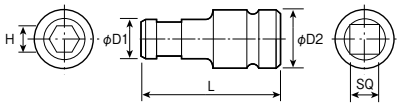


Model No.	Contents	Card size (mm)	EDP No.
BH-14	Torsion Bit Holder 1pc. High Hardness Bit ⊕2×45 1pc.	160×45	486330

Inner Ctn.: 10 sets

■ 9.5 / 12.7 mm For Impact Adapter

No. A30 Socket Anvil



Model No.	(SQ)×A/F(H) (mm)	Dimensions D1	D2	L (mm)	Applicable to	EDP No.
A30	9.5×6.35	13	20	45	A14·A16	479201
	9.5×8.0	16	20	47.5	A15·A19	479202
	12.7×6.35	13	25	49	A14·A16	479401
	12.7×8.0	16	25	51	A15·A19	479402

■ 12.7 mm For Impact Adapter

No. BH-30 Socket Anvil

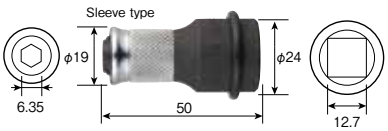
- Bit holder with a torsion part.
- Can be used by mounting a double-ended bit.
- Prevents screw stripping and bit breakage.

Model No.	(SQ)×A/F(H) (mm)	Card size (mm)	EDP No.
BH-30	12.7×6.35	135×60	486336

Inner Ctn.: 5 sets

No. BHC-30 Socket Anvil (sleeve type)

- Adaptor used with air/electric impact wrench.
- 6.35mm hexagon bits can be mounted at one-touch.

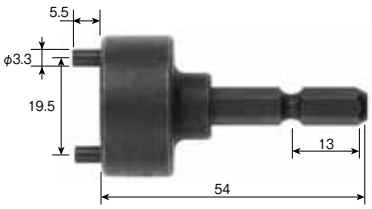


Model No.	(SQ)×A/F(H) (mm)	Card size (mm)	EDP No.
BHC-30	12.7×6.35	135×60	486582

Inner Ctn.: 5 sets

No. A202050P Pin Wrench for Disk Nut

- Can be used with an electric impact driver to remove firmly tightened disk nuts easily.
- For the disk grinder with the wheel diameter of 100mm.



Model No.	Pitch of nut holes	Pin diameter φ (mm)	Card size (mm)	EDP No.
A202050P	19.5	3.3	107×35	486581

Inner Ctn.: 5 sets

One point

For simple loosening of disk nuts...

An opposite side 6.35mm pin wrench with hexagonal shaft for disk nuts that can be attached to an impact driver. Disk nuts which cannot be removed by the drill wrench that came with the impact driver can be easily loosened and removed with this unit.

No. SST
SAKISUBO Torsion Bit

"PROKON" is a series of tools manufactured with a professional spirit for professionals.
This solves various kinds of problems in construction, electric, and utility works.
"PROKON" is all that craftspeople could ask!

No. SST

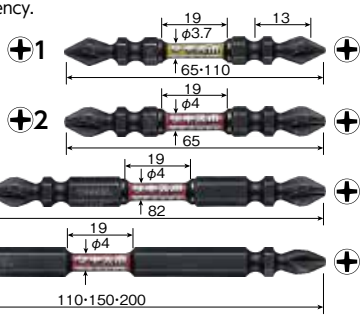
SAKISUBO Torsion Bit

Highly durable tapered bit combined with torsion effect.
Cushion effect at the constricted part prevents cam-out, improving work efficiency. Magnetized.

※This is for illustrative purpose.

No. SST SAKISUBO Torsion Bit 2-Piece Set PAT.

- Highly durable tapered bit combined with torsion effect.
- Cushion effect at the constricted part prevents cam-out, improving working efficiency.



Model No.	Contents	Card size (mm)	EDP No.
SST141065	+1×φ3.7× 65 2pcs.	160×35×8	485321
SST141110	+1×φ3.7×110 2pcs.	160×35×8	485335
SST142065	+2×φ4 × 65 2pcs.	160×35×8	485322
SST142082	+2×φ4 × 82 2pcs.	160×35×8	485323
SST142110	+2×φ4 ×110 2pcs.	160×35×8	485324
SST142150	+2×φ4 ×150 2pcs.	210×35×8	485325
SST142200	+2×φ4 ×200 2pcs.	260×35×8	485326

Inner Ctn.: 10 sets

No. SST5P SAKISUBO Torsion Bit 5-Piece Set PAT.

SST5P2065

SST5P2082

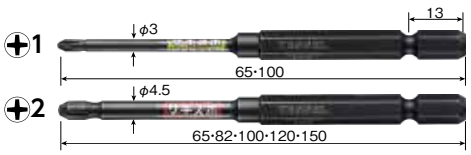
SST5P2110

Model No.	Contents	Card size (mm)	EDP No.
SST5P2065	+2×φ4 × 65 5pcs.	160×70×8	485444
SST5P2082	+2×φ4 × 82 5pcs.	160×70×8	485445
SST5P2110	+2×φ4 ×110 5pcs.	160×70×8	485446

Inner Ctn.: 10 sets

No. SS16 Recessed SAKISUBO Bit 2 Piece Set PAT.

- Thin shank type ideal for working in narrow places.
- Cushion effect at the constricted part prevents cam-out that may occur at the time of passing wood grains in the wooden work.



Model No.	Contents	Card size (mm)	EDP No.
SS161065	+1×φ3 ×65 2pcs.	160×35×8	485336
SS161100	+1×φ3 ×100 2pcs.	160×35×8	485327
SS162065	+2×φ4.5×65 2pcs.	160×35×8	485337
SS162082	+2×φ4.5×82 2pcs.	160×35×8	485338
SS162100	+2×φ4.5×100 2pcs.	160×35×8	485328
SS162120	+2×φ4.5×120 2pcs.	210×35×8	485339
SS162150	+2×φ4.5×150 2pcs.	210×35×8	485340

Inner Ctn.: 10 sets

No. NMCS Recessed SAKISUBO Bit With Bit Magnetizer/Demagnetizer PAT.

- Magnetic screw catcher with two built-in neodymium magnets holds screws securely.
- Combined with recessed bit, ideal for continuous screw tightening in confined places and on the dry walls.

Model No.	Contents	Card size (mm)	EDP No.
NMCS16210	Recessed SAKISUBO Bit +2×φ4.5×100 1pc. Bit Magnetizer/Demagnetizer 1pc.	160×35×17	349958
NMCS16215	Recessed SAKISUBO Bit +2×φ4.5×150 1pc. Bit Magnetizer/Demagnetizer 1pc.	210×35×17	349965

Inner Ctn.: 10 sets

One point

Strong magnet catches screws.

Bit Magnetizer / Demagnetizer

Attaching the NMC-2P to a bit make its retaining strength about 20 times more than normal magnetized bits. The bit with the NMC-2P can assuredly catch even a long screw.

Approx. **20** times stronger **0.318kgf**

No. SS16H Recessed "SAKISUBO" Hex Bit PAT.

●For hex hole bolts and screws.
●Long type useful hard-to-reach places.

Model No.	Contents	Card size (mm)	EDP No.
SS16H2010	H2.0 × 100 1pc.	160×35×8	485329
SS16H2510	H2.5 × 100 1pc.	160×35×8	485330
SS16H3010	H3.0 × 100 1pc.	160×35×8	485331
SS16H4010	H4.0 × 100 1pc.	160×35×8	485332
SS16H5010	H5.0 × 100 1pc.	160×35×8	485333
SS16H6010	H6.0 × 100 1pc.	160×35×8	485334

Inner Ctn.: 10 sets

No. BW Recessed "SAKISUBO" Hex Bit 5-Piece Set PAT.

Model No.	Contents	Card size (mm)	EDP No.
BW-32	Recessed "SAKISUBO" Hex Bit A/F2.5, 3.0, 4.0, 5.0, 6.0 × 100 1 for each Bit Magnetizer/Demagnetizer 1pc.	160×70×23	486592

Inner Ctn.: 10 sets

No. SS16T Recessed "SAKISUBO" TORX Bit PAT.

●Specialized for Torx screws.
●Manufactured under license by Torx, this bit is compatible with any Torx screws.

Model No.	Contents	Card size (mm)	EDP No.
SS16T1010	T10 × 100 1pc.	160×35×8	485347
SS16T1510	T15 × 100 1pc.	160×35×8	485348
SS16T2010	T20 × 100 1pc.	160×35×8	485349
SS16T2510	T25 × 100 1pc.	160×35×8	485350
SS16T3010	T30 × 100 1pc.	160×35×8	485351

Inner Ctn.: 10 sets

No. BW Recessed "SAKISUBO" TORX Bit 5-Piece Set PAT.

Model No.	Contents	Card size (mm)	EDP No.
BW-33	Recessed "SAKISUBO" TORX Bit T10, 15, 20, 25, 30 × 100 1 for each Bit Magnetizer/Demagnetizer 1pc.	160×70×23	486593

Inner Ctn.: 10 sets

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

No. SS16BP Recessed "SAKISUBO" Ball Point Bit PAT.

●For hex hole bolt and screw.
●Ball point tip with an inclination angle of 30°.
Suited for working in cramped places of high-density packaging.

Model No.	Contents	Card size (mm)	EDP No.
SS16BP2010	H2.0 × 100 1pc.	160×35×8	485341
SS16BP2510	H2.5 × 100 1pc.	160×35×8	485342
SS16BP3010	H3.0 × 100 1pc.	160×35×8	485343
SS16BP4010	H4.0 × 100 1pc.	160×35×8	485344
SS16BP5010	H5.0 × 100 1pc.	160×35×8	485345
SS16BP6010	H6.0 × 100 1pc.	160×35×8	485346

Inner Ctn.: 10 sets

No. NMC-2P Bit Magnetizer/Demagnetizer NEW

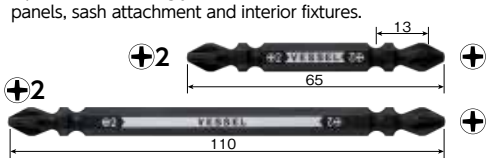
●Magnetic screw catcher with two built-in neodymium magnets holds screws securely.
●Combined with bit, ideal for continuous screw tightening in cramped places and on the dry walls.

Model No.	Contents	Card size (mm)	EDP No.
NMC-2P	Bit Magnetizer/Demagnetizer 2pcs.	120×44×17	486575

Inner Ctn.: 10 sets

No. S14 Double End "SAKISUBO" Bit 2-Piece Set

- The constricted part acts as a cushion, absorbing the shock from power impact tools, and improves durability.
- Optimal for fastening joists, staircase construction, concrete panels, sash attachment and interior fixtures.



Model No.	Contents		Card size (mm)	EDP No.
S142065	⊕2× 65	2pcs.	160×35×8	485447
S142082	⊕2× 82	2pcs.	160×35×8	485448
S142110	⊕2×110	2pcs.	160×35×8	485449
S142150	⊕2×150	2pcs.	210×35×8	485450

Inner Ctn.: 10 sets

No. S5P Double End "SAKISUBO" Bit 5-Piece Set

- Tapered tip prevents cam-out.
- Excellent durability.

Model No.	Contents		Package size (mm)	EDP No.
S5P2065F	⊕2× 65	5pcs.	135×50×7	485435
S5P2110F	⊕2×110	5pcs.	160×50×7	485436

Inner Ctn.: 10 sets

No. NMCS3P "SAKISUBO" Bit with Bit Magnetizer/Demagnetizer (packed in a plastic bag) 3-Piece Set

- A set of SAKISUBO bits with convenient NMC-2P Bit Magnetizer/Demagnetizer.
- More affordable by omitting printing mark from the bit.
- Both 3-piece and 8-piece sets come with 1 × NMC-2P Bit Magnetizer/Demagnetizer.

NMCS3P 2065F NMCS3P 2082F NMCS3P2110F

NMCS8P2065F NMCS8P2082F NMCS8P2110F

Model No.	Contents	Package size (mm)	EDP No.
NMCS3P2065F	SAKISUBO Bit ⊕2× 65 3pcs. Bit Magnetizer/Demagnetizer 1pc.	130×50×16	485359
NMCS3P2082F	SAKISUBO Bit ⊕2× 82 3pcs. Bit Magnetizer/Demagnetizer 1pc.	130×50×16	485360
NMCS3P2110F	SAKISUBO Bit ⊕2×110 3pcs. Bit Magnetizer/Demagnetizer 1pc.	160×50×16	485361

Inner Ctn.: 10 sets

No. NMCS8P "SAKISUBO" Bit with Bit Magnetizer/Demagnetizer (packed in a plastic bag) 8-Piece Set

NMCS8P2065F	SAKISUBO Bit ⊕2× 65 8pcs. Bit Magnetizer/Demagnetizer 1pc.	143×87×16	485362
NMCS8P2082F	SAKISUBO Bit ⊕2× 82 8pcs. Bit Magnetizer/Demagnetizer 1pc.	143×87×16	485363
NMCS8P2110F	SAKISUBO Bit ⊕2×110 8pcs. Bit Magnetizer/Demagnetizer 1pc.	162×87×16	485364

Inner Ctn.: 10 sets

No. M-S14 "SAKISUBO" Bit (packed in a plastic bag) 10-Piece Set

M-S14 ⊕2×110H

- For soft joint applications such as fastening elastic items (coarse threads, wood screw, resin tap etc). Can be used with general standard screws.
- Suppresses backlash of bits on a wood grain and secure a smooth fastening.

Model No.	Contents	Heat treatment classification	Package size (mm)	EDP No.
M-S14⊕2× 65H	⊕2× 65 10pcs.	H	86×133×8	415441
M-S14⊕2× 82H	⊕2× 82 10pcs.	H	86×162×8	415442
M-S14⊕2×110H	⊕2×110 10pcs.	H	86×162×8	415443
M-S14⊕2×150H	⊕2×150 10pcs.	H	86×202×8	415444

Outer Ctn.: 10 sets

No. M-S14H "SAKISUBO" Bit (packed in a plastic bag) 10-Piece Set

M-S14H ⊕2×110H

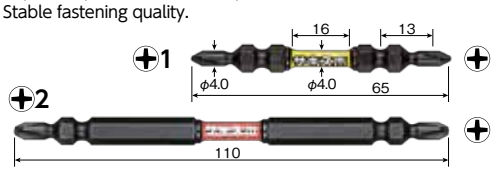
- For hard joint applications such as tapping or self-tapping screws. Optimal for low head screws such as thin washers or screws whose head hole accuracy is not good.
- Thick tip improves durability. Fits pan head screws like tapping or drill screws.
- Black finish appealing to professionals. Rust-resistant.

Model No.	Contents	Heat treatment classification	Package size (mm)	EDP No.
M-S14H⊕2× 65H	⊕2× 65 10pcs.	H	86×133×8	415445
M-S14H⊕2× 82H	⊕2× 82 10pcs.	H	86×162×8	415446
M-S14H⊕2×110H	⊕2×110 10pcs.	H	86×162×8	415447
M-S14H⊕2×150H	⊕2×150 10pcs.	H	86×202×8	415448

Outer Ctn.: 10 sets

No. SDT "SAKISUBO" Slender Torsion Bit 2-Piece Set

- Tapered tip allows for easy view of screw head and improves working efficiency.
- High hardness and ductile new material developed. Shock resistant in spite of the tapered tip. Can be used with a drilling screw.
- Torsion part absorbs a big impact of the impact driver. Remarkably improved durability.
- Tapered tip absorbs a low impact when the screw is seated. Stable fastening quality.



Model No.	Contents		Card size (mm)	EDP No.
SDT141065	⊕1× 65	2pcs.	160×35×8	485403
SDT141110	⊕1×110	2pcs.	160×35×8	485404
SDT142065	⊕2× 65	2pcs.	160×35×8	485395
SDT142082	⊕2× 82	2pcs.	160×35×8	485396
SDT142110	⊕2×110	2pcs.	160×35×8	485397
SDT142150	⊕2×150	2pcs.	210×35×8	485405

Inner Ctn.: 10 sets

No. SDT5P "SAKISUBO" Slender Torsion Bit 5-Piece Set

Model No.	Contents		Card size (mm)	EDP No.
SDT5P2065	⊕2× 65	5pcs.	160×70×8	485398
SDT5P2082	⊕2× 82	5pcs.	160×70×8	485399
SDT5P2110	⊕2×110	5pcs.	160×70×8	485400

Inner Ctn.: 10 sets

No. PS "Plus-Minus" Bit for Terminal Screws

- For Phillips /slotted screws.
- With a tube preventing short circuit.

Model No.	Contents	Card size (mm)	EDP No.
PS161110	PS1×ϕ4 ×ϕ4.5×110 1pc.	160×35×8	485411
PS162110	PS2×ϕ5.5×ϕ6 ×110 1pc.	160×35×8	485412
PS162150	PS2×ϕ5.5×ϕ6 ×150 1pc.	210×35×8	485413

Inner Ctn.: 10 sets

No. KDB "KADOGIWA" Corner Bit for Brace

- For fastening seismic hardware.
- Can be tilted up to 6° at the tip section. Ideal for working at corners.
- For fastening hall-down hardware and brace hardware.

Model No.	Contents	Card size (mm)	EDP No.
KDB-SQ3	SQ 3×100 1pc.	160×50×13	485421

Inner Ctn.: 10 sets

No. KDB Replacement Corner Bit

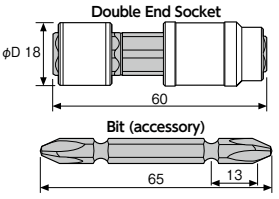
- Exclusively for the KDB-SQ3.

Model No.	Contents	Card size (mm)	EDP No.
KDB-SQ3K	SQ 3× 35 1pc.	135×35×8	485422

Inner Ctn.: 10 sets

No. BH-40/41 Double-End Socket NEW

- 1 socket compatible with multiple drill screws.
- Multi-function socket also usable as an adapter for bit extension.



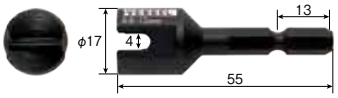
Model No.	Bit (accessory)	Socket Size (A/F)	OAL	ϕD	(mm)	EDP No.
BH-40	⊕2×65	8/9.6	60	18		486761
BH-41	⊕2×65	8/10	60	18		486762

*Metalworking drill: up to dia.6mm
*Woodworking drill: up to dia.12mm
* Socket bit cannot be linked.

Card size: 160mm x 50mm, Inner Ctn: 5 sets, Outer Ctn: 50 sets

No. A20ZB "BARITORI" Full Tread Deburring Bit

- Burrs of thread studs (made of iron) can be removed by electrical impact tools.
- Optimal for edge surface finish of hanging bolts and anchor bolts.



Model No.	Applicable	Card size (mm)	EDP No.
A20ZB55	Full Tread (iron) M8, 3/8, M10, M12	160×35×20	485431

Inner Ctn.: 5 sets

One point

PROKON series

"Plus-Minus" Bit for Terminal Screws

For Phillips/slotted screws that are widely used.
For fastening terminal screws on distribution board, fitting hardware to hold electric wire, plumbing, and air conditioner installation.

"KADOGIWA" Corner Bit for Bracing

Can be tilted up to 6° at the tip section.
Can fasten screws easily in narrow places like corners using impact driver.
For fastening hold down hardware, brace hardware and various seismic hardware.

"BARITORI" Full Tread Burring Bit

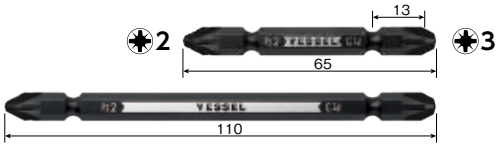
Easy to use with impact driver.
Excellent durability.
Must for fitting hanging bolts and installing air conditioning equipment.
Ideal for treating edge face of anchor bolt.

Double End "SAKISUBO" Bit

Improved durability with cushion effect at constricted part.
For working with joist, stairs, composite panels, sash frame, interior finishing, etc.

No. PZ Double End Combi Bit 2-Piece Set

●PZ2 and PZ3 are combined into one bit.

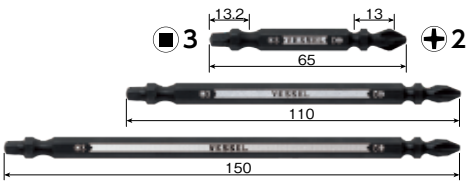


Model No.	Contents	Card size (mm)	EDP No.
PZ142365	PZ2/ PZ3×65 2pcs.	160×35×8	485401
PZ142311	PZ2/ PZ3×110 2pcs.	160×35×8	485402

Inner Ctn.: 10 sets

No. PQ Double End Combi Bit 2-Piece Set

●SQ3 and ⊕2 are combined into one bit.
●Tapered tip of ⊕2 prevents cam-out. Long life.



Model No.	Contents	Card size (mm)	EDP No.
PQ142365	⊕2 / SQ3× 65 2pcs.	160×35× 8	485406
PQ142311	⊕2 / SQ3×110 2pcs.	160×35× 8	485407
PQ142315S	⊕2 / SQ3×150 1pc.	190×35×17	485408

Inner Ctn.: 10 sets

No. 220W-123 Combi Plus Screwdriver

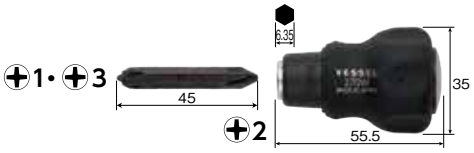
●Three sizes are combined into one bit. Can be used for most of Phillips screws commonly used.

Model No.	Contents	Card size (mm)	EDP No.
220W-123	●Bit Interchangeable Ball-Grip ●Bit ⊕1・⊕3 / ⊕2×110mm	160×70×43	233073

Inner Ctn.: 10 sets

No. 270BW-123 Combi Plus Stubby Screwdriver

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



Model No.	Contents	Card size (mm)	EDP No.
270BW-123	●Bit Interchangeable Cushion Subby Grip ●Bit ⊕1・⊕3 / ⊕2×45mm	160×55×37	233076

Inner Ctn.: 10 sets

No. 220W-62 Ball-Grip Interchangeable Screwdriver

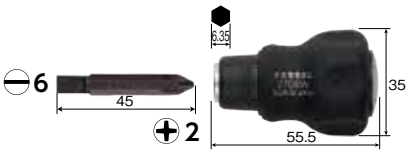
●Slotted tip used for quick connection terminal such as outlet and frequently-used ⊕2 are combined into one bit.

Model No.	Contents	Card size (mm)	EDP No.
220W-62	●Bit Interchangeable Ball-Grip ●Bit ⊖6 / ⊕2×110mm	160×70×43	233071

Inner Ctn.: 10 sets

No. 270BW-62 Cushion Stubby Interchangeable Screwdriver

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



Model No.	Contents	Card size (mm)	EDP No.
270BW-62	●Bit Interchangeable Cushion Subby Grip ●Bit ⊖6 / ⊕2×110mm	160×70×43	233075

Inner Ctn.: 10 sets

No. 220W-3 Ball-Grip Interchangeable Screwdriver Set

●Convenient set with ⊕1, ⊕3, slotted tip used for quick connection terminal such as outlet, frequently-used ⊕2, and Pozidrive Pz2 and Pz3 widely used for imported furniture assembly and snowboard bindings.

Model No.	Contents	Card size (mm)	EDP No.
220W-3	●Bit Interchangeable Ball-Grip ●Bit ⊕1 / ⊕3, ⊖6/ ⊕2, PZ2 / PZ3 ×110mm	153×93×41	233072

Inner Ctn.: 10 sets

No. PD Dedicated Replacement Combi Bit

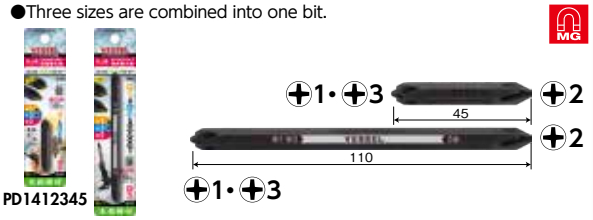
●Slotted tip used for quick connection terminal such as outlet and frequently-used ⊕2 are combined into one bit.

Model No.	Contents	Card size (mm)	EDP No.
PD142645	⊖6 / ⊕2× 45mm 1pc.	135×35×8	485416
PD142611	⊖6 / ⊕2×110mm 1pc.	160×35×8	485414

Inner Ctn.: 10 sets

No. PD Dedicated Replacement Combi Plus Bit

●Three sizes are combined into one bit.



Model No.	Contents	Card size (mm)	EDP No.
PD1412345	⊕1・⊕3 / ⊕2× 45mm 1pc.	135×35×8	485415
PD1412311	⊕1・⊕3 / ⊕2× 110mm 1pc.	160×35×8	485417

Inner Ctn.: 10 sets

PD1412311 / PD142611 Application Models 220W / 220W-3 / 220W-62 / 220W-123
PD1412345 / PD142645 Application Models 270BW / 270BW-62 / 270BW-123

No. 220W Bit Interchangeable Ball-Grip

●Can be used as a normal ball-grip driver by inserting a bit for electric driver (6.35 mm hex bit).
●Black grip gives a robust impression.

Model No.	Contents	Card size (mm)	EDP No.
220W	Bit Interchangeable Ball-Grip	145×50×43	125344

Inner Ctn.: 10 sets

No. 270BW Bit Interchangeable Cushion Sutbby Grip

●Stubby type suited for working in confined places. Can be used with bits for electric driver (6.35 mm hex bit).
●Black grip gives a robust impression.

Model No.	Contents	Card size (mm)	EDP No.
270BW	Bit Interchangeable Cushion Sutbby Grip	100×50×37	233074

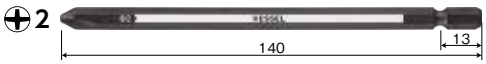
Inner Ctn.: 10 sets

One point Combi PLUS

One bit for 3-size tip-end!
One side is dedicated to frequently-used ⊕2 and another for both ⊕1 and ⊕3.

No. 230W-2
Ball Grip (Bit-replaceable Tang-Thru Screwdriver)

- Blade interchangeable tang-thru grip.
- 25mm large nut incorporated transmitting well the hammering power.
- Blades can be used with electric screwdrivers.



Model No.	Set Contents	Card size (mm)	EDP No.
230W-2	●Ball Grip (Bit-replaceable Tang-Thru grip) ●Bit +2×140mm 1 for each	160×70×43	125327

Inner Ctn.: 10 sets

No. 230W-3
Ball Grip (Bit-replaceable Tang-Thru Screwdriver)

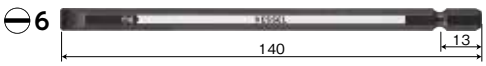
- Blade interchangeable tang-thru grip.
- 25mm large nut incorporated transmitting well the hammering power.
- Blades can be used with electric screwdrivers.

Model No.	Set Contents	Card size (mm)	EDP No.
230W-3	●Ball Grip (Bit-replaceable Tang-Thru grip) ●Bit +3×140mm 1 for each	160×70×43	125328

Inner Ctn.: 10 sets

No. 230W-6
Ball Grip (Bit-replaceable Tang-Thru Screwdriver)

- Blade interchangeable tang-thru grip.
- 25mm large nut incorporated transmitting well the hammering power.
- Blades can be used with electric screwdrivers.



Model No.	Set Contents	Card size (mm)	EDP No.
230W-6	●Ball Grip (Bit-replaceable Tang-Thru grip) ●Bit −6×140mm 1 for each	160×70×43	125329

Inner Ctn.: 10 sets

No. 230W
Ball Grip (Bit-replaceable Tang-Thru grip)

- Blade interchangeable tang-thru grip. (A/F6.35mm)
- 25mm large nut incorporated transmitting well the hammering power.

Model No.	Grip size	Package size (mm)	Inner Ctn.	EDP No.
230W	length 100mm, dia.41mm	145×50×43	10	125326

No. PD162140 / PD163140 / PD166140
Replacement Bit

- Interchangeable blade for the 230W (ball grip tang-thru grip). A/F6.35mm.
- Blades can be used with electric screwdrivers.

PD162140 PD163140 PD166140

Model No.	Contents	Card size (mm)	EDP No.
PD162140	+ 2 × 140mm 1pc	175×35×8	485418
PD163140	+ 3 × 140mm 1pc	175×35×8	485419
PD166140	− 6 × 140mm 1pc	175×35×8	485420

Inner Ctn.: 5 sets

No. RBT

BL Rib Torsion Bits

Black body with a shot blasted (satin finished) high precision bit is marked by laser of the brand logo and screw head design.

Laser marking

Valuable piece of bit decorated by laser beam

No. RBT

BL Rib Torsion Bits

Tip with rib that enhances the strength.
Provided with the torsion part that absorbs the shock at seating of the screw.

※This is for illustrative purpose.

No. S3P BL SAKISUBO Bit 3-Piece Set

●SAKISUBO bits whose constricted part acts as a cushion, absorbing the shock from power impact tools.
●Optimal for fastening joists, staircase construction, concrete panels, sash attachment and interior fixtures.

Model No.	Contents	Card size (mm)	EDP No.
S3P2065-BL	⊕2× 65 3pcs.	160×43×8	485371
S3P2082-BL	⊕2× 82 3pcs.	160×43×8	485372
S3P2110-BL	⊕2×110 3pcs.	160×43×8	485373

Inner Ctn.: 10 sets

No. S5P BL SAKISUBO Bit 5-Piece Set

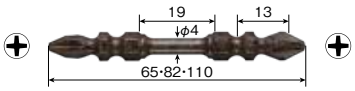
●Bits in a clip holder with magnetizer.

Model No.	Contents	Card size (mm)	EDP No.
S5P2065-BL	⊕2× 65 5pcs.	160×75×23	485383
S5P2082-BL	⊕2× 82 5pcs.	160×75×23	485384
S5P2110-BL	⊕2×110 5pcs.	160×75×23	485385

Inner Ctn.: 5 sets

No. SST3P BL SAKISUBO Torsion Bit 3-Piece Set PAT.

●SAKISUBO shape, in which the constricted part acts as a cushion, absorbing the shock from power impact tools.
●Torsion effect that absorbs the shock generated at the time of seating of the screw.
●Optimal for fastening joists, staircase construction, concrete panels, sash attachment and interior fixtures.



Model No.	Contents	Card size (mm)	EDP No.
SST3P2065-BL	⊕2× 65 3pcs.	160×43×8	485377
SST3P2082-BL	⊕2× 82 3pcs.	160×43×8	485378
SST3P2110-BL	⊕2×110 3pcs.	160×43×8	485379

Inner Ctn.: 10 sets

No. SST5P BL SAKISUBO Torsion Bit 5-Piece Set PAT.

●Bits in a clip holder with magnetizer.

Model No.	Contents	Card size (mm)	EDP No.
SST5P2065-BL	⊕2× 65 5pcs.	160×75×23	485389
SST5P2082-BL	⊕2× 82 5pcs.	160×75×23	485390
SST5P2110-BL	⊕2×110 5pcs.	160×75×23	485391

Inner Ctn.: 5 sets

No. RB3P BL Rib Bit 3-Piece Set

●Tip with rib that enhances the strength.
●Optimal for iron and steel work.

Model No.	Contents	Card size (mm)	EDP No.
RB3P2065-BL	⊕2× 65 3pcs.	160×43×8	485374
RB3P2082-BL	⊕2× 82 3pcs.	160×43×8	485375
RB3P2110-BL	⊕2×110 3pcs.	160×43×8	485376

Inner Ctn.: 10 sets

No. RB5P BL Rib Bit 5-Piece Set

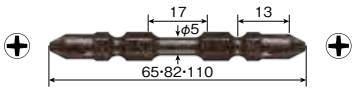
●Bits in a clip holder with magnetizer.

Model No.	Contents	Card size (mm)	EDP No.
RB5P2065-BL	⊕2× 65 5pcs.	160×75×23	485386
RB5P2082-BL	⊕2× 82 5pcs.	160×75×23	485387
RB5P2110-BL	⊕2×110 5pcs.	160×75×23	485388

Inner Ctn.: 5 sets

No. RBT3P BL Rib Torsion Bit 3-Piece Set

●Tip with rib that enhances the strength.
●Torsion effect that absorbs the shock generated at the time of seating of the screw.
●Optimal for iron and steel work.



Model No.	Contents	Card size (mm)	EDP No.
RBT3P2065-BL	⊕2× 65 3pcs.	160×43×8	485380
RBT3P2082-BL	⊕2× 82 3pcs.	160×43×8	485381
RBT3P2110-BL	⊕2×110 3pcs.	160×43×8	485382

Inner Ctn.: 10 sets

No. RBT5P BL Rib Torsion Bit 5-Piece Set

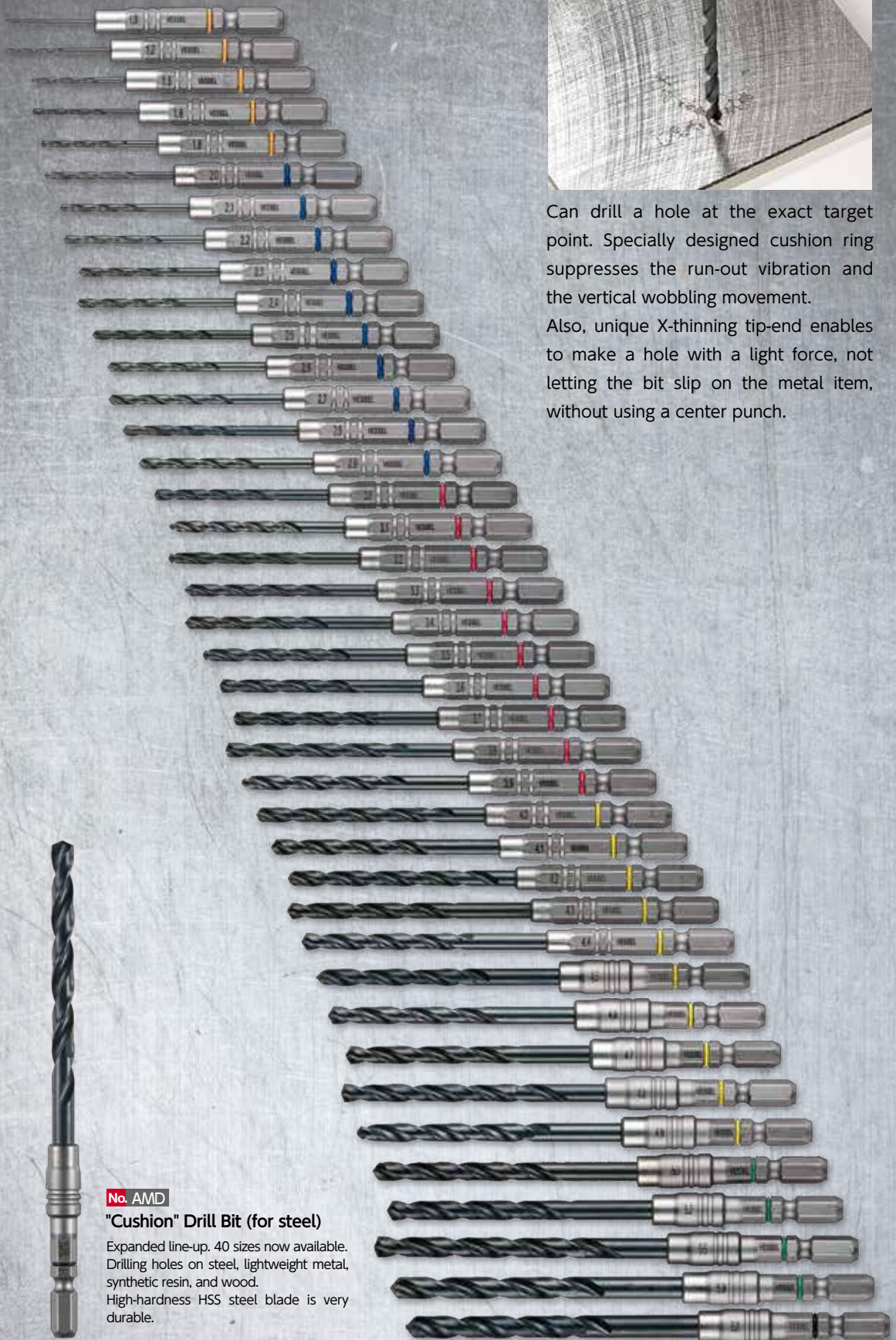
●Bits in a clip holder with magnetizer.

Model No.	Contents	Card size (mm)	EDP No.
RBT5P2065-BL	⊕2× 65 5pcs.	160×75×23	485392
RBT5P2082-BL	⊕2× 82 5pcs.	160×75×23	485393
RBT5P2110-BL	⊕2×110 5pcs.	160×75×23	485394

Inner Ctn.: 5 sets

No. AMD
"Cushion" Drill Bit (for steel)

Can drill a hole at the exact target point. Specially designed cushion ring suppresses the run-out vibration and the vertical wobbling movement.
Also, unique X-thinning tip-end enables to make a hole with a light force, not letting the bit slip on the metal item, without using a center punch.



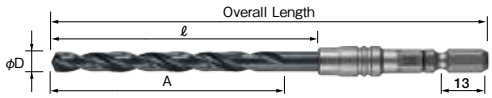
No. AMD

"Cushion" Drill Bit (for steel)

Expanded line-up. 40 sizes now available.
Drilling holes on steel, lightweight metal, synthetic resin, and wood.
High-hardness HSS steel blade is very durable.

No. AMD "Cushion" Drill Bit (for steel) PAT.

●Expanded line-up. 40 sizes now available.
●Drilling holes on steel, lightweight metal, synthetic resin, and wood.
●High-hardness HSS steel blade is very durable.



X-shape (cross) thinning process enables high-speed drilling and remarkable fitting.

Can drill a hole with a light force even without using a center punch.

Model No.	φD	ℓ	A	Overall Length (mm)	X-shape (cross) thinning	EDP No.
AMD-1.0	1.0	22	12	72	—	461111
AMD-1.2	1.2	26	16	76	—	461112
AMD-1.5	1.5	24	18	74	—	461113
AMD-1.6	1.6	26	20	76	—	461114
AMD-1.8	1.8	29	22	79	—	461115
AMD-2.0	2.0	32	24	82	—	461001
AMD-2.1	2.1	32	24	82	—	461116
AMD-2.2	2.2	36	27	86	—	461117
AMD-2.3	2.3	36	27	86	—	461118
AMD-2.4	2.4	40	30	90	—	461119
AMD-2.5	2.5	40	30	90	—	461002
AMD-2.6	2.6	40	30	90	—	461120
AMD-2.7	2.7	44	33	94	—	461121
AMD-2.8	2.8	44	33	94	—	461003
AMD-2.9	2.9	44	33	94	—	461122
AMD-3.0	3.0	44	33	94	●	461004
AMD-3.1	3.1	44	36	94	●	461123
AMD-3.2	3.2	48	36	98	●	461005
AMD-3.3	3.3	48	36	98	●	461006
AMD-3.4	3.4	53	39	103	●	461017
AMD-3.5	3.5	53	39	103	●	461007
AMD-3.6	3.6	53	39	103	●	461018
AMD-3.7	3.7	53	39	103	●	461008
AMD-3.8	3.8	58	43	108	●	461009
AMD-3.9	3.9	58	43	108	●	461124
AMD-4.0	4.0	58	43	108	●	461010
AMD-4.1	4.1	58	43	108	●	461125
AMD-4.2	4.2	58	43	108	●	461011
AMD-4.3	4.3	63	47	113	●	461019
AMD-4.4	4.4	63	47	113	●	461126
AMD-4.5	4.5	63	47	114	●	461012
AMD-4.6	4.6	64	47	114	●	461127
AMD-4.7	4.7	64	47	114	●	461128
AMD-4.8	4.8	69	52	120	●	461013
AMD-4.9	4.9	70	52	120	●	461129
AMD-5.0	5.0	69	52	120	●	461014
AMD-5.2	5.2	69	52	120	●	461020
AMD-5.5	5.5	76	57	127	●	461015
AMD-5.8	5.8	77	57	127	●	461130
AMD-6.0	6.0	76	57	127	●	461016

※Colors inside the table cells indicate the ring color.

Mounting quantity : 1 Card size : 165×35×8mm
Inner Ctn.: 10 sets, Outer Ctn.: 200 sets

No. AMD3S "Cushion" Drill Bit (for steel) 3-Piece Set PAT.

●Drilling holes on steel, lightweight metal, synthetic resin, and wood.
●High-hardness HSS steel blade is very durable.

Model No.	Contents	Card size (mm)	EDP No.
AMD3S-1	2.0 / 2.5 / 3.0mm 1pc ea	165×45×10	461101
AMD3S-2	3.0 / 3.5 / 4.0mm 1pc ea	165×45×10	461102
AMD3S-3.5	3.5mm 3 pcs	165×45×10	461103
AMD3S-2.0	2.0mm 3pcs	165×45×10	461089
AMD3S-2.5	2.5mm 3pcs	165×45×10	461090
AMD3S-2.8	2.8mm 3pcs	165×45×10	461091
AMD3S-3.0	3.0mm 3pcs	165×45×10	461092
AMD3S-3.2	3.2mm 3pcs	165×45×10	461093
AMD3S-3.3	3.3mm 3pcs	165×45×10	461094
AMD3S-3.8	3.8mm 3pcs	165×45×10	461095
AMD3S-4.0	4.0mm 3pcs	165×45×10	461096
AMD3S-4.2	4.2mm 3pcs	165×45×10	461097
AMD3S-4.5	4.5mm 3pcs	165×45×10	461098
AMD3S-5.0	5.0mm 3pcs	165×45×10	461099
AMD3S-6.0	6.0mm 3pcs	165×45×10	461100

Inner Ctn.: 10 sets

No. AMD6P "Cushion" Drill Bit (for steel) 6-Piece Set

Model No.	Contents	Card size (mm)	EDP No.
AMD6P-3.5	3.5mm 6 pcs	165×55×7	461104

Inner Ctn.: 10 sets

No. AMD7S "Cushion" Drill Bit (for steel) 7-Piece Set

●Drilling holes on steel, lightweight metal, synthetic resin, and wood.
●High-hardness HSS steel blade is very durable.

Model No.	Contents	Card size (mm)	EDP No.
AMD7S	φD 2.8,3.0,3.5,4.2, 4.5,5.0,6.0mm (1 each)	175×65×10	461105

Inner Ctn.: 10 sets

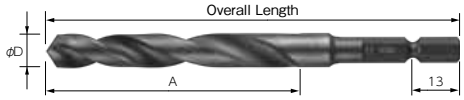
No. AMD14S "Cushion" Drill Bit (for steel) 14-Piece Set

Model No.	Contents	Card size (mm)	EDP No.
AMD14S	φD 1.5,2.0,2.5,2.8,3.0,3.2,3.5,4.0, 4.5,5.0,5.5,6.0,6.5,7.0mm (1 each)	155×108×38	461106

Inner Ctn.: 10 sets

No. KMD "KESSAKU" Drill Bit (for steel)

- "Irregular spiral shape" adopted. Spiral angle is moderate toward the shank side. Chips are exhausted smoothly, resulting in a high speed drilling.
- X-shape (cross) thinning process helps the tip fit the object and drill a hole without punching.
- Tip-end angle is as acute as 118°. Can drill a hole with a light force.
- Sharp edge lasts as high hardness HSS steel is adopted.



Model No.	ϕD (mm)	A (mm)	Overall Length (mm)	Card size (mm)	Inner Ctn.	Outer Ctn.	EDP No.
KMD-6.5	6.5	63	107	165×35×11	10	200	461141
KMD-7.0	7.0	65	109	165×35×11	10	200	461142
KMD-7.5	7.5	66	110	165×35×11	10	200	461143
KMD-8.0	8.0	67	111	165×35×11	10	200	461144
KMD-8.5	8.5	70	114	165×35×11	10	200	461145
KMD-9.0	9.0	73	117	165×35×11	10	200	461146
KMD-9.5	9.5	74	118	165×35×15	5	100	461147
KMD-10.0	10.0	76	120	165×35×15	5	100	461148
KMD-10.5	10.5	78	122	165×35×15	5	100	461149
KMD-11.0	11.0	81	125	165×35×15	5	100	461150
KMD-11.5	11.5	82	126	165×35×15	5	100	461151
KMD-12.0	12.0	83	127	165×35×15	5	100	461152
KMD-12.5	12.5	83	128	165×35×15	5	100	461153
KMD-13.0	13.0	85	130	165×35×15	5	100	461154

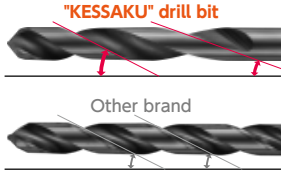
Mounting quantity : 1

One point

Drill a large bore hole with "KESSAKU" drill bit.

Irregular spiral shape

While making a hole, high speed revolution of power tool may cause the machined chips to block the drilled hole and, in consequence, the product cannot be drilled through. In order to let out the chips sequentially, the tip-end of the drill adopts an irregular spiral shape in its design. The spiral angle turns to be more moderate in the drive side. This design enables to make the drilling work quicker by exhausting the machined chips efficiently.



X-shape thinning

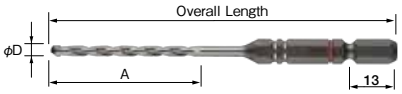
Improved bite.
No punch (a marking to determine the center of the machined object so that the drill tip-end does not move) us required.

118°Tip-end

Cutting quality emphasis. Drill a hole just by pushing lightly toward the drilled object.

No. ACD "Cushion" Drill Bit (for concrete) PAT.

- Drilling holes on mortar, block, brick, ALC, plaster boards, etc. and also drilling pilot holes for screw anchor insertion and plugless screws.



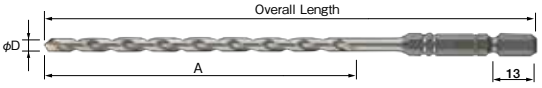
Carbide Chip
+
Asymmetry shape

This asymmetry shaped tip reduces the cutting resistance, making it possible to drill at a relatively low torque.

Model No.	ϕD	A	Overall Length (mm)	Card size (mm)	EDP No.
ACD-3.0	3.0	45	102	165×35×8	462001
ACD-3.2	3.2	45	102	165×35×8	462002
ACD-3.4	3.4	45	102	165×35×8	462003
ACD-3.5	3.5	45	102	165×35×8	462004
ACD-3.8	3.8	50	107	165×35×8	462005
ACD-4.0	4.0	50	107	165×35×8	462006
ACD-4.3	4.3	50	107	165×35×8	462007
ACD-4.5	4.5	50	107	165×35×8	462008
ACD-4.8	4.8	50	107	165×35×8	462009
ACD-5.0	5.0	50	107	165×35×8	462010
ACD-5.3	5.3	65	122	165×35×8	462015
ACD-5.5	5.5	65	122	165×35×8	462011
ACD-6.0	6.0	65	122	165×35×8	462012
ACD-6.4	6.4	65	122	165×35×8	462013
ACD-6.5	6.5	65	122	165×35×8	462014

※Colors inside the table cells indicate the ring color. Mounting quantity : 1 Inner Ctn.: 10 sets, Outer Ctn.: 200 sets

No. ACD "Cushion" Drill Bit (for concrete) Long Type PAT.



Model No.	ϕD	A	Overall Length (mm)	Card size (mm)	EDP No.
ACD-3.4L	3.4	95	152	200×35×8	462029
ACD-3.5L	3.5	95	152	200×35×8	462030
ACD-4.3L	4.3	100	157	200×35×8	462031
ACD-4.8L	4.8	100	157	200×35×8	462032
ACD-5.0L	5.0	100	157	200×35×8	462033
ACD-6.4L	6.4	115	172	200×35×8	462034

※Colors inside the table cells indicate the ring color. Mounting quantity : 1 Inner Ctn.: 10 sets, Outer Ctn.: 200 sets

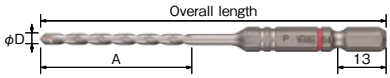
No. ACD3S "Cushion" Drill Bit (for concrete) 3-Piece Set PAT.

Model No.	Contents	Card size (mm)	EDP No.
ACD3S-3.4	3.4mm 3 pcs	165×50×8	462101
ACD3S-3.5	3.5mm 3 pcs	165×50×8	462102
ACD3S-4.3	4.3mm 3 pcs	165×50×8	462103

※Colors inside the table cells indicate the ring color. Inner Ctn.: 10 sets

No. APD "Cushion" Drill Bit for Porcelain Tiles NEW

- Slipless quick drilling.
- Special carbide chip for porcelain tiles is attached at the bit tip with heat-resistant solder.
- Cushion ring prevents backlash, enabling to drill at the right point.



Model No.	φD	A	Overall Length (mm)	Card size (mm)	EDP No.
APD-3.0	3.0	45	102	165×35×8	464001
APD-3.2	3.2	45	102	165×35×8	464002
APD-3.4	3.4	45	102	165×35×8	464003
APD-3.5	3.5	45	102	165×35×8	464004
APD-3.8	3.8	50	107	165×35×8	464005
APD-4.0	4.0	50	107	165×35×8	464006
APD-4.3	4.3	50	107	165×35×8	464007
APD-4.5	4.5	50	107	165×35×8	464008
APD-4.8	4.8	50	107	165×35×8	464009
APD-5.0	5.0	50	107	165×35×8	464010
APD-5.3	5.3	65	122	165×35×8	464011
APD-5.5	5.5	65	122	165×35×8	464012
APD-6.0	6.0	65	122	165×35×8	464013
APD-6.4	6.4	65	122	165×35×8	464014
APD-6.5	6.5	65	122	165×35×8	464015

※Colors inside the table cells indicate the ring color. Mounting quantity : 1 Inner Ctn.: 10 sets, Outer Ctn.: 200 sets

No. APD3S "Cushion" Drill Bit for Porcelain Tiles 3-Piece Set

- Slipless quick drilling.
- Special carbide chip for porcelain tiles is attached at the bit tip with heat-resistant solder.
- Cushion ring prevents backlash, enabling to drill at the right point.

Model No.	Contents	Card size (mm)	EDP No.
APD3S-3.4	3.4mm 3 pcs	165×50×8	464016
APD3S-3.5	3.5mm 3 pcs	165×50×8	464017
APD3S-4.3	4.3mm 3 pcs	165×50×8	464018
APD3S-6.0	6.0mm 3 pcs	165×50×8	464019

※Colors inside the table cells indicate the ring color. Inner Ctn.: 10 sets

One point

Outstanding durability and machining speed

Special tip-end design, with drilling capability on porcelain tiles taken into consideration, enables to drill quickly.

Carbide chip is soldered at the tip-end. Asymmetric tip-end reduces the machining resistance, resulting in a quick drilling with a low torque even on a hard and slippery porcelain tile.

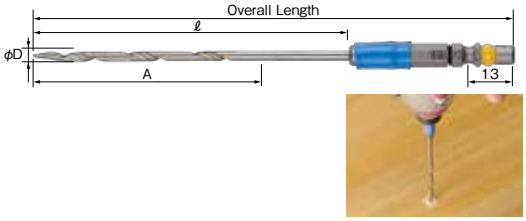
Specially designed asymmetric tip-end with a carbide chip. Very recommended for drilling on porcelain tiles.

Heat resistant solder makes the bit highly endurable even without using water when drilling.

Endurable soldering material is chosen for attachment of the carbide chip to the tip-end of the bit, and thus water is not always required. However, using the APD drill bit with water at its tip-end can improve the lifetime.

No. ATD "Cushion" Drill Bit for Awl PAT.

- Drilling holes on steel, wood, bamboo, plaster, and resin boards. Also drilling a pilot hole on other brittle materials.
- Durable straight shank can drill a hole on hard wood.

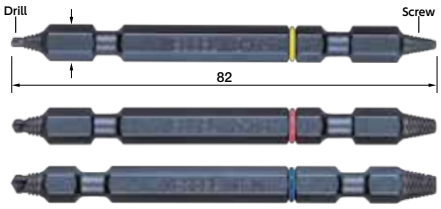


Model No.	φD	ℓ	A	Overall Length (mm)	Card size (mm)	EDP No.
ATD-4	3.0	93	62	143	200×35×8	463001
ATD-5	4.0	103	76	153	200×35×8	463002
ATD-6	5.0	113	80	163	200×35×8	463003

※Colors inside the table cells indicate the ring color. Mounting quantity : 1 Inner Ctn.: 10 sets, Outer Ctn.: 200 sets

No. NEJ Damaged Screw Remover

- Easy to remove stripped or damaged screws with an electric screwdriver (at low speed mode).
- No need to change the rotation; drilling on a damaged screw and removing it can be conducted by rotating counterclockwise.
- O-ring helps distinguish the sizes. Also good to check the drill or thread side.



Model No.	Compatible Screw	Overall Length	Tip dia. Drill	Tip dia. Screw	H (mm)	EDP No.
NEJ-1	M3~M4	82	1.8	1.7	6.35	485424
NEJ-2	M5~M6	82	2.7	2.6	6.35	485425
NEJ-3	M6~M8	82	3.7	3.6	6.35	485426

※Colors inside the table cells indicate the ring color. Card size:135×50×8mm Inner Ctn.: 10 sets Outer Ctn.: 200 sets

No. NEJ-123 Damaged Screw Remover 3-Piece Set

Model No.	Contents	EDP No.
NEJ-123	NEJ-1 / NEJ-2 / NEJ-3 1 for each	485428

Card size:135×63×8mm Inner Ctn.: 10 sets Outer Ctn.: 200 sets

One point

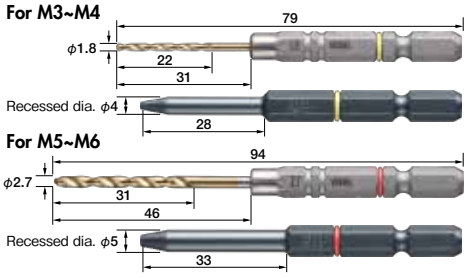
How easy to remove damaged screws!!

No need to change the rotation direction of the power tool. Always use counterclockwise.

※Not suitable for hardened or reverse screws.

No. NEJ Damaged Screw Remover Bit "Slim Type" NEW

- Slim tip-end suitable for use in a cramped space.
- Titanium coated cobalt high-speed steel drill can be used with a stainless steel screw.
- Make a pilot hole on the damaged screw head with the drill bit and remove it with the thread tip-end bit.



Model No.	Set contents	EDP No.
NEJ-4	Drill bit (1.8mm), Thread tapered bit (ϕ4)	485429
NEJ-5	Drill bit (2.7mm), Thread tapered bit (ϕ5)	485430

※Colors inside the table cells indicate the ring color. Card size:160×35×8㎜ Inner Ctn.: 10 sets Outer Ctn.: 100 sets

No. NEJ-45 Damaged Screw Remover Bit "Slim Type" Set

Model No.	Set contents	EDP No.
NEJ-45	Drill bit (1.8mm), Thread tapered bit (ϕ4) Drill bit (2.7mm), Thread tapered bit (ϕ5)	485423

Card size:160×50×12㎜ Inner Ctn.: 10 sets Outer Ctn.: 50 sets

One point

Solution for removal of stripped screws.

No. BH-9 Cap Drill Chuck

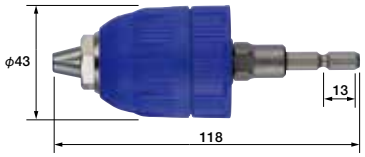
Model No.	Tip grip range	Overall Length (㎜)	Card size (㎜)	EDP No.
BH-9	Dia.:1.5~6.5	77.5	140×50×29	485301

※Colors inside the table cells indicate the cap color. Mounting quantity : 1 Inner Ctn.: 10 sets

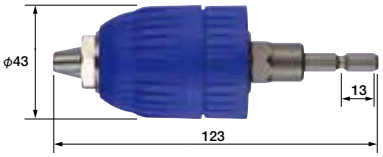
No. BH Drill Chuck Keyless Type (For power tools)

- For Air tools, Electric tools.

BH-261

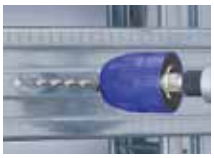


BH-271



BH-261

BH-271

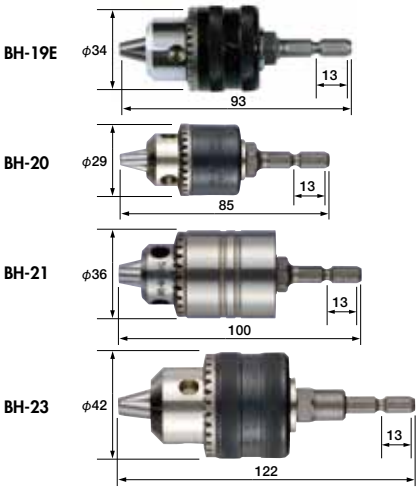


Model No.	Contents	Tip grip range (㎜)	Card size (㎜)	EDP No.
BH-261	Drill Chuck (Keyless)	Dia.:0.5~10	140×80×45	486344
BH-271	Drill Chuck (Keyless)	Dia.:1.5~13	140×80×45	486343

Inner Ctn.: 5 sets

No. BH Drill Chuck Key Type

●For Air tools, Electric tools.
●Excellent holding performance. High precision.
●High durability shaft unit.
●Key type: Attach and detach tools with the included key.
●Hybrid type: Works with or without a key.



BH-19E BH-20 BH-21 BH-23

Model No.	Contents	Tip grip range (mm)	Card size (mm)	EDP No.
BH-19E	Drill Chuck (Keyed)・Key	Dia.:1.0~10	140×80×37	485311
BH-20	Drill Chuck (Keyed)・Key	Dia.:0.8~6.5	140×80×31	486337
BH-21	Drill Chuck (Hybrid)・Key	Dia.:1.5~10	140×80×38	486338
BH-23	Drill Chuck (Keyed)・Key	Dia.:1.5~13	140×80×44	486340

For the BH-25 applicable models, see the D83 type on page 58
Inner Ctn.: 5 sets

No. BH Spare Shaft for Drill Chucks

BH-24

Application Models:
BH-19E/20/21/23/261

BH-29

Application Models:
BH-271

Model No.	Contents	Screw size	Card size (mm)	EDP No.
BH-24	Spare shank・Reversing screw	3/8-24UNF	135×35×17	486341
BH-29	Spare shank・Reversing screw	1/2-20UNF	135×35×17	486349

Inner Ctn.: 5 sets

No. BH-28 Drill Chuck SDS Puls type

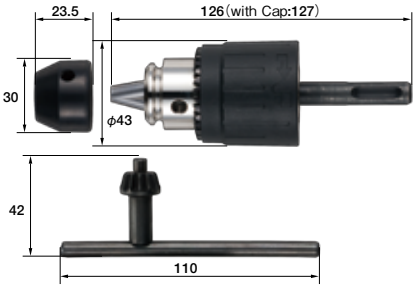
●For rotary hammer and hammer drills.

Model No.	Contents	Tip grip range (mm)	Card size (mm)	EDP No.
BH-28	Drill Chuck (Keyless)	Dia.:1.5~13	185×100×45	486348

Inner Ctn.: 5 sets

No. BH-22H Drill Chuck SDS Puls type

●For rotary hammer and hammer drills.



Model No.	Contents	Tip grip range (mm)	Card size (mm)	EDP No.
BH-22H	Drill Chuck (Keyed)・Key	Dia.:2.5~13	185×100×45	485312

Inner Ctn.: 5 sets

No. BH-22HC Dust-proof cap

●For BH-22H.

Model No.	Contents	Box size (mm)	EDP No.
BH-22HC	Dust-proof cap / 5pcs.	58×56×174	485313

Inner Ctn.: 5 sets