ORIGINAL INSTRUCTIONS

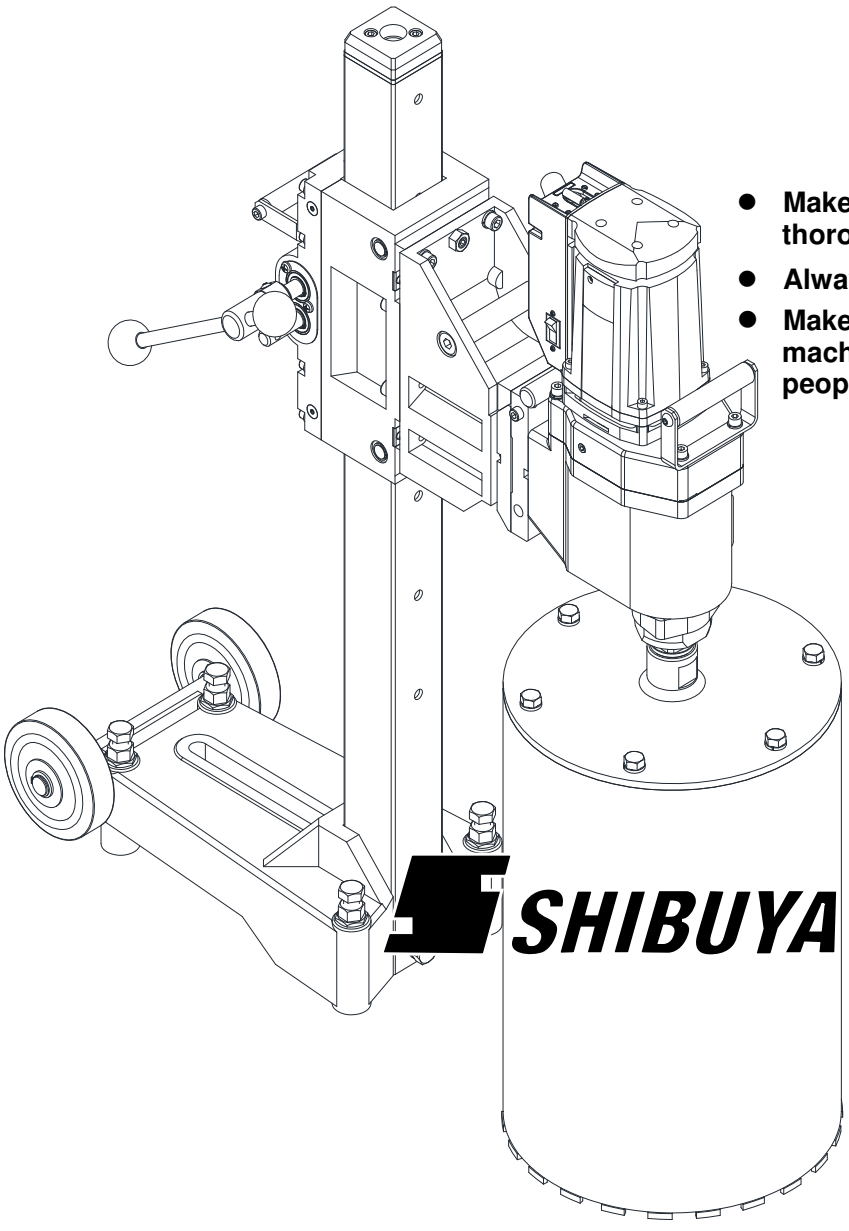
SHIBUYA

DIAMOND CORE DRILLING MACHINE OPERATOR'S INSTRUCTION MANUAL

WITH PARTS LISTS & DRAWINGS

DRILL MOTOR MODEL: H2531

DRILL STAND MODEL: TS-605



- **Make sure to read and understand this manual thoroughly before starting the operation.**
- **Always keep this manual with the machine.**
- **Make sure that this manual is with the machine, when it is given and/or sold to other people.**

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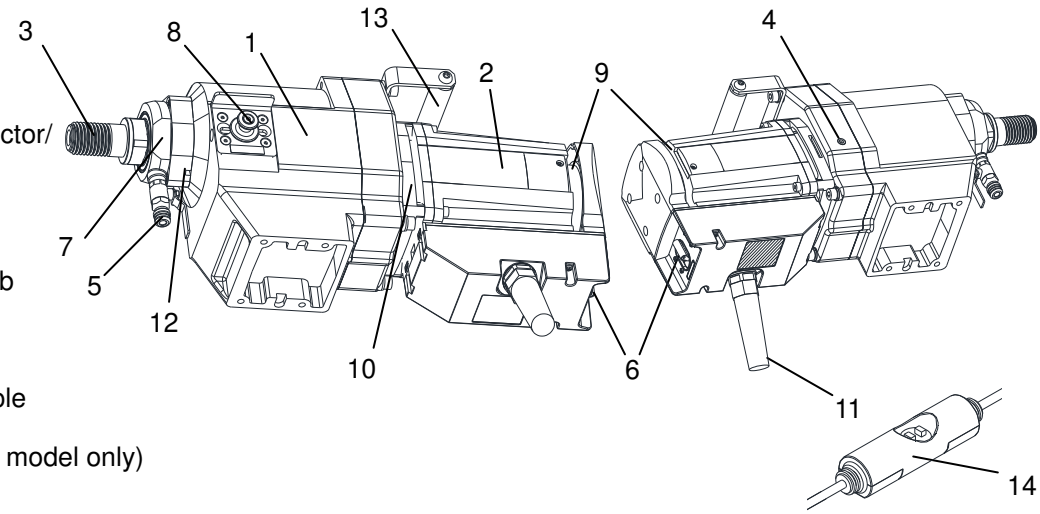
TS-605-H2531-2024

NAME OF EACH PART

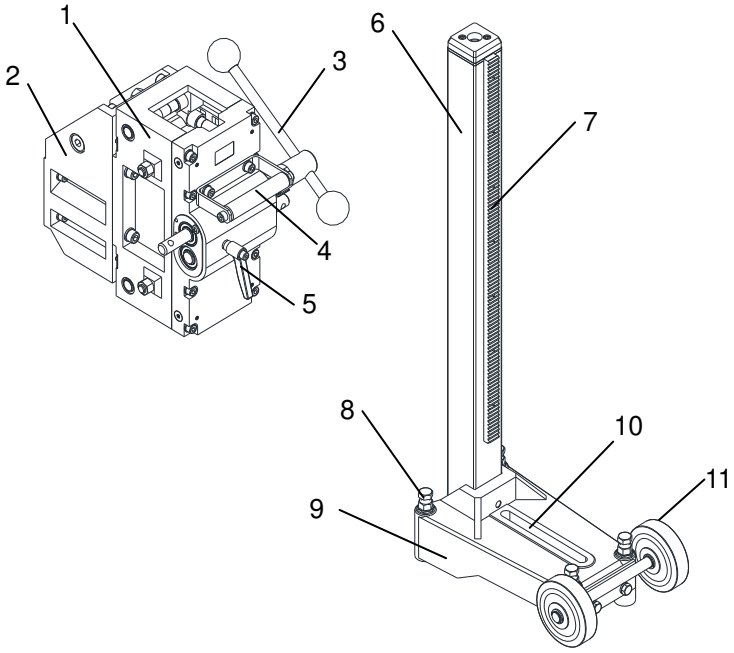
H2531 Drill Motor

1. Gear Box
2. Motor
3. Spindle
4. Grease Inlet
5. GARDENA Connector/ Water Cock
6. Main Switch (Circuit Protector)
7. Swivel Ring
8. Gear Change Knob
9. Air Inlet
10. Air Outlet
11. Power Cord
12. Water Leakage Hole
13. Grip Handle
14. PRCD (220-240 V model only)



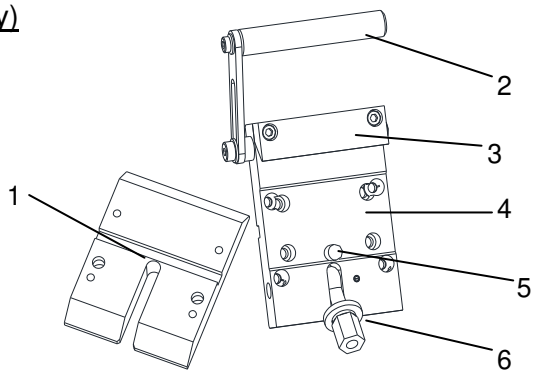
TS-605 Drill Stand

1. Carriage Block
2. 130mm Spacer
3. Quick Release Handle (Feed handle)
4. Grip Handle
5. Stopper-Knob (Carriage Brake)
6. Column
7. Rack Gear
8. Leveling Bolt
9. Base
10. Anchor Slot
11. Wheel



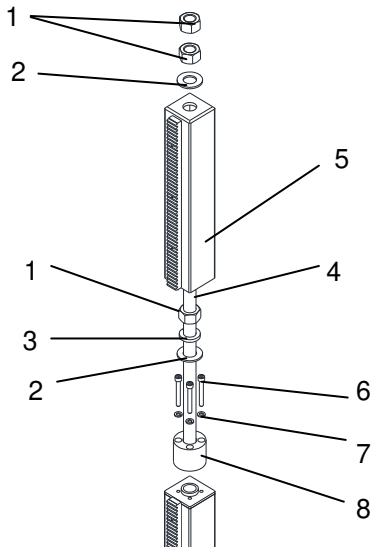
Quick Release Spacer (Standard Accessory)

1. Carriage-Side Plate
2. Grip Handle
3. Hooking Claw
4. Motor-Side Plate
5. Stopper Pin
6. Spacer Tightening Nut (W1/2 Hex. Nut)



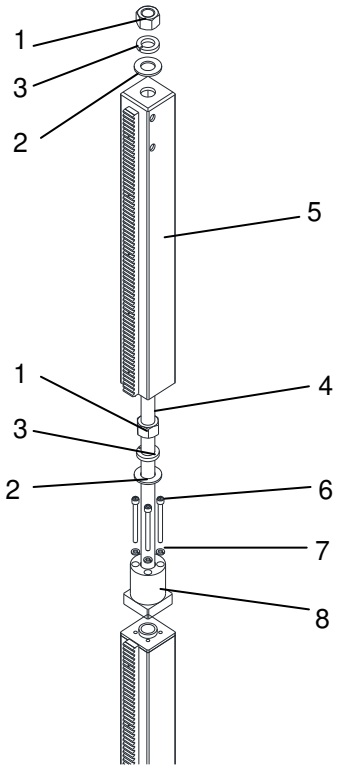
Swivel Top (Option)

1. 1-8 UNC Hex. Nut (3 PCS.)
2. W-1 Plain Washer (2 PCS.)
3. W-1 Spring Washer
4. 1-8 UNC x 500 Threaded Bolt
5. Swivel Top Body
6. M8 x 60 Hex. Socket Bolt (4 PCS.)
7. 8 Spring Washer (4 PCS.)
8. Swivel Top Mount



Extension Column (Option)

1. 1-8 UNC Hex. Nut (2 PCS.)
2. W-1 Plain Washer (2 PCS.)
3. W-1 Spring Washer (2 PCS.)
4. 1-8 UNC x 680 Threaded Bolt
5. Extension Column Body
6. M8 x 80 Hex. Socket Bolt (4 PCS.)
7. 8 Spring Washer (4 PCS.)
8. Extension Column Mount

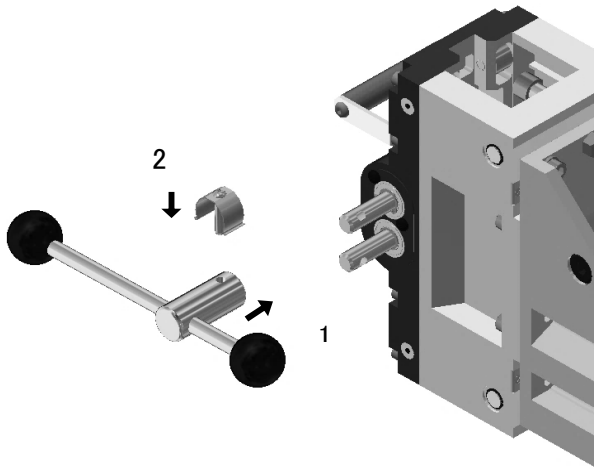


Refer to the schematic drawings and parts lists attached at the end of this manual for names of more specific parts.

ILLUSTRATIONS OF OPERATION

(The numbers in the figure correspond to the same heading number in the writing sections.)

6.2



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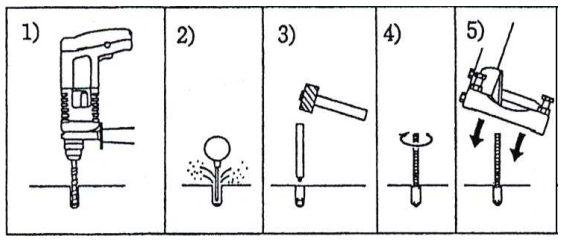

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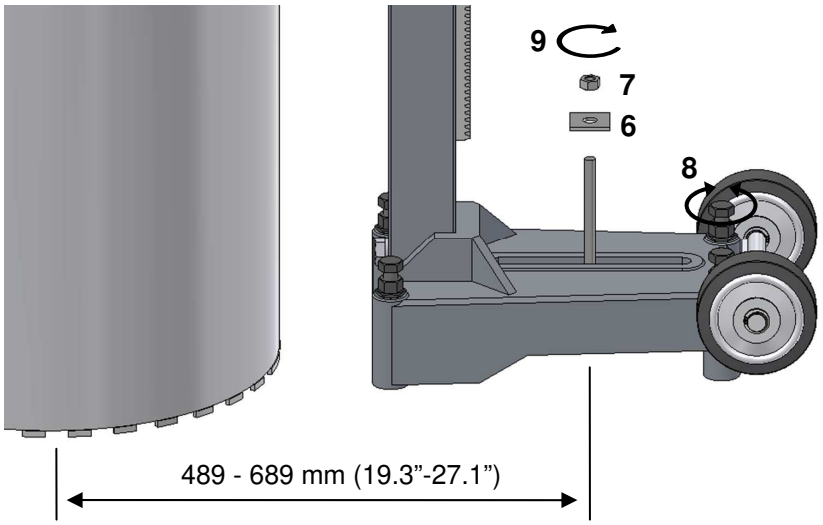

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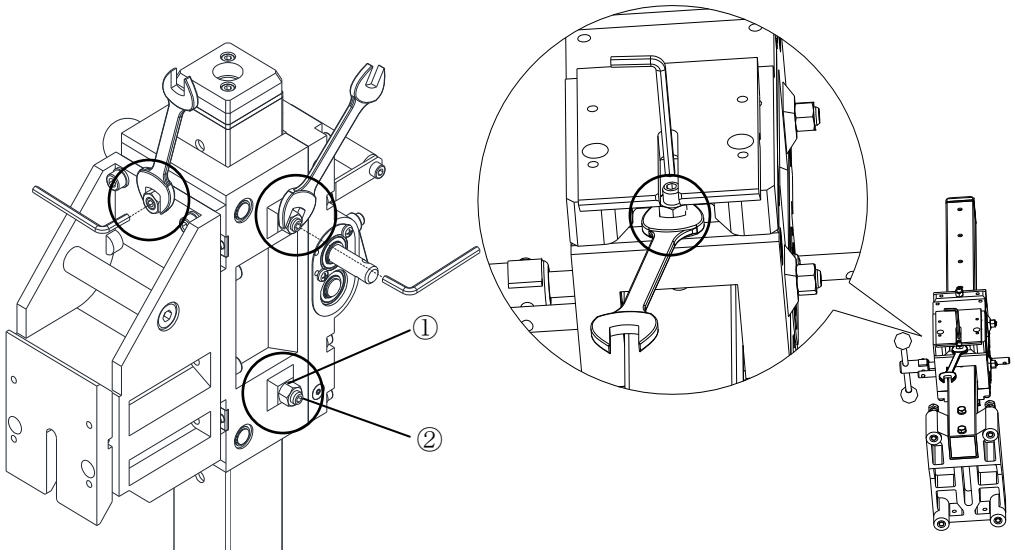

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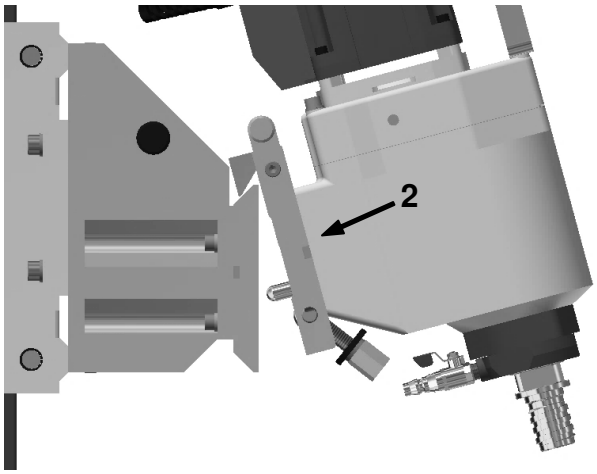

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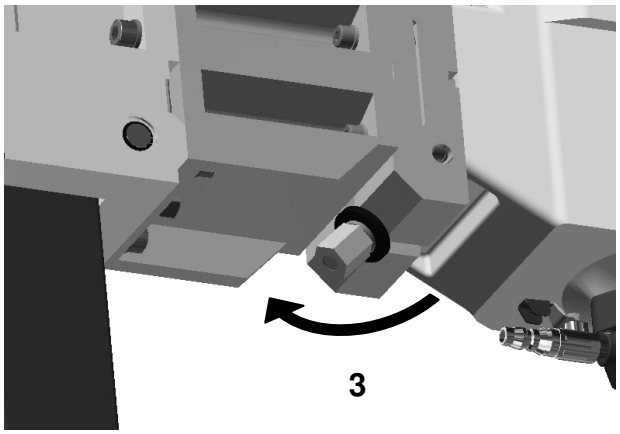

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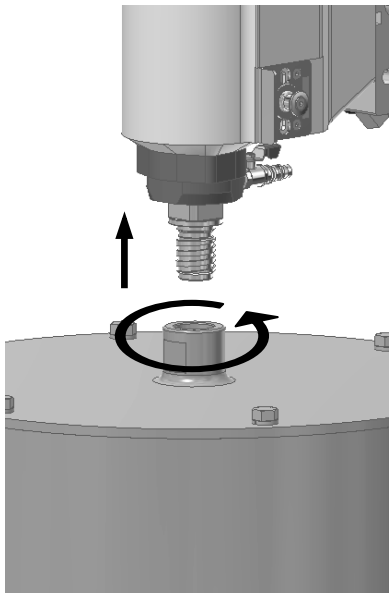

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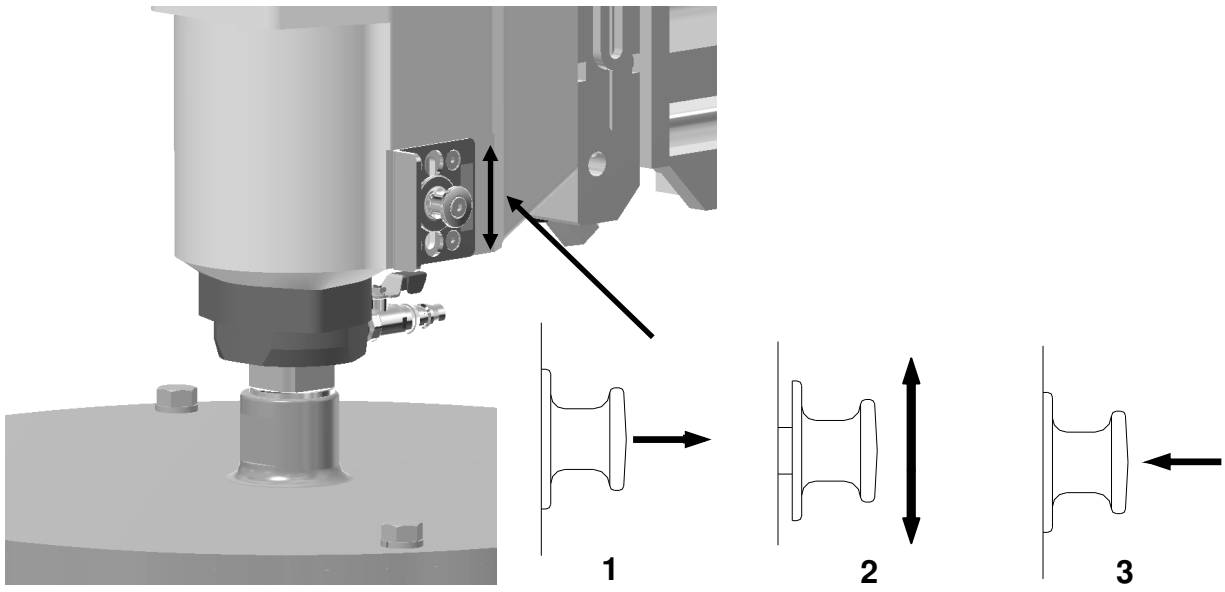

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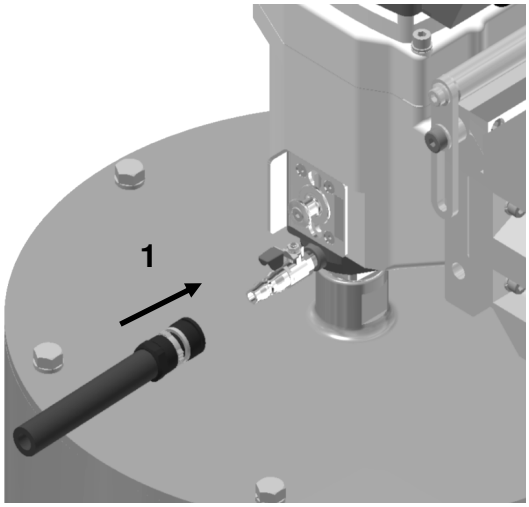

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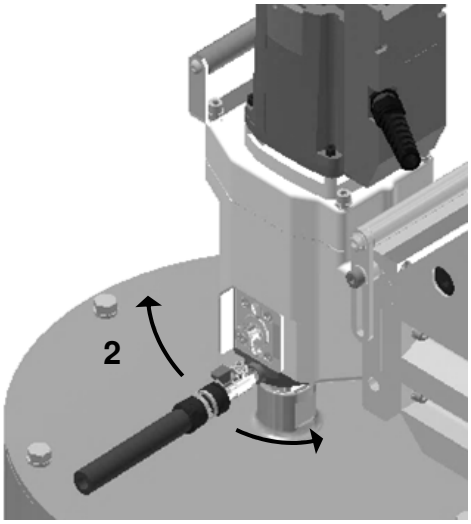

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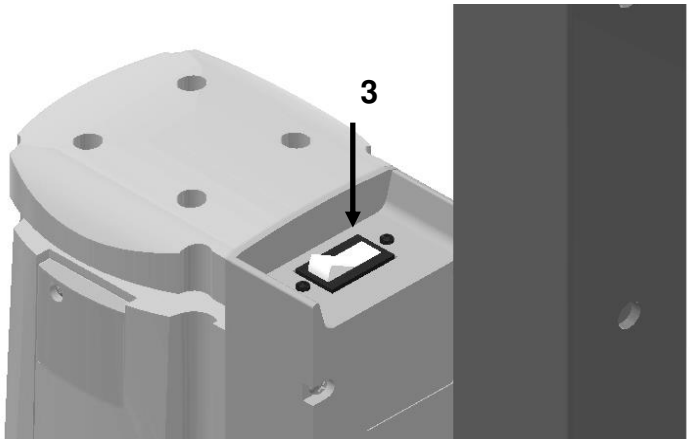

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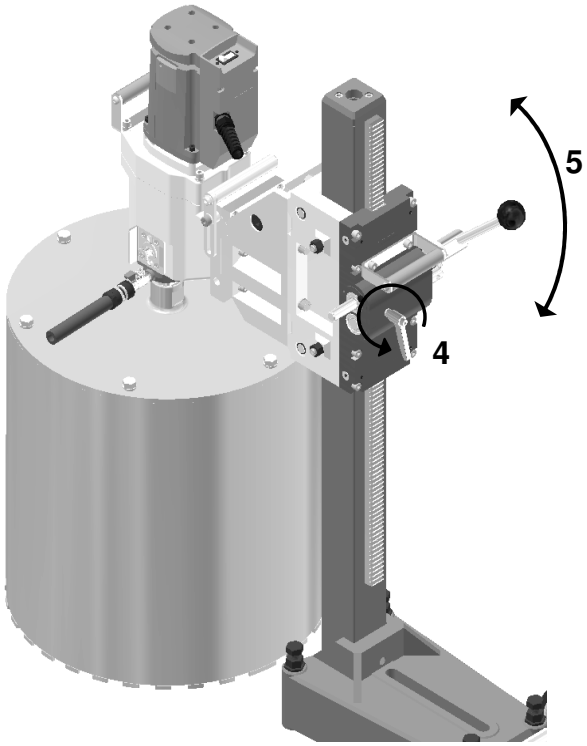


STANDARD ACCESSORIES

Check that all of the following items are included in the package.

TS-605

Item		Size		Qty.	
Quick Release Handle Set				1	
Quick Release Spacer Set				1	
Parallel Key		10x10x100 mm		1	
Hex. Socket Bolt	Spring Washer	M8 x 25	8	4	4
Hex. Socket Bolt	Spring Washer	M8 x 30	8	4	4

Item in the tool bag	Size	Qty.
Single-End Spanner	24 mm / 26 mm (US)	1
Single-End Spanner	36 mm	1
Double-End Spanner	19 x 21 mm	1
Ratchet Wrench	19 x 21 mm	1
Allen Key	5 mm	1
Allen Key	6 mm	1
Allen Key	8 mm	1
Square Washer	W1/2	2
Core Removal Lasso		1

CONTENTS

1. GENERAL INFORMATION

1.1 Safety notes and their meanings

In this manual, warning signs are classified into four levels based on the level of potential risks.

⚠ **DANGER**	This symbol indicates the imminent risks that lead to death or serious injury to the operators and others, unless the safety instructions are observed.
⚠ **WARNING**	This symbol indicates the potential risks that may lead to death or serious injury to the operators and others, unless the safety instructions are observed.
⚠ **CAUTION**	This symbol indicates the potential risks that lead to injury to the operators and others, unless the safety instructions are observed.
NOTE	This symbol is used for the information that is necessary for you to know.

1.2 Pictograms

Make sure to read and understand this manual thoroughly before starting the operation.

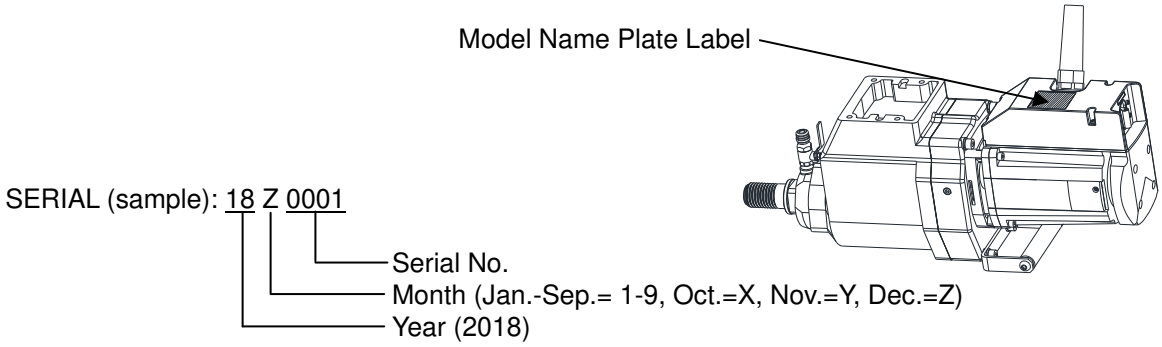
The machine can be a dangerous tool if it is not used correctly. Incorrect and careless use can lead to death or serious injury to the operators and/or others.

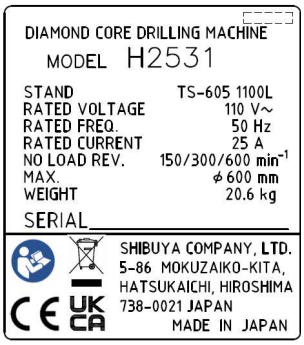
Do not dispose of this machine with domestic waste. Follow your national law.

When you dispose of concrete slurry, ask your local authorities for applicable regulations.

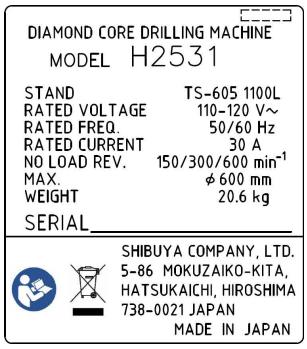
1.3 Model name plate label

This machine has a label as shown in the figures below. When the label is illegible or lost, contact a Shibuya authorized dealer to get a new one.
The serial number on the model name plate indicates the production year and month of the drill motor as shown in the sample below.

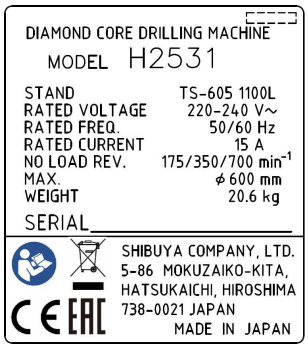




110 V model



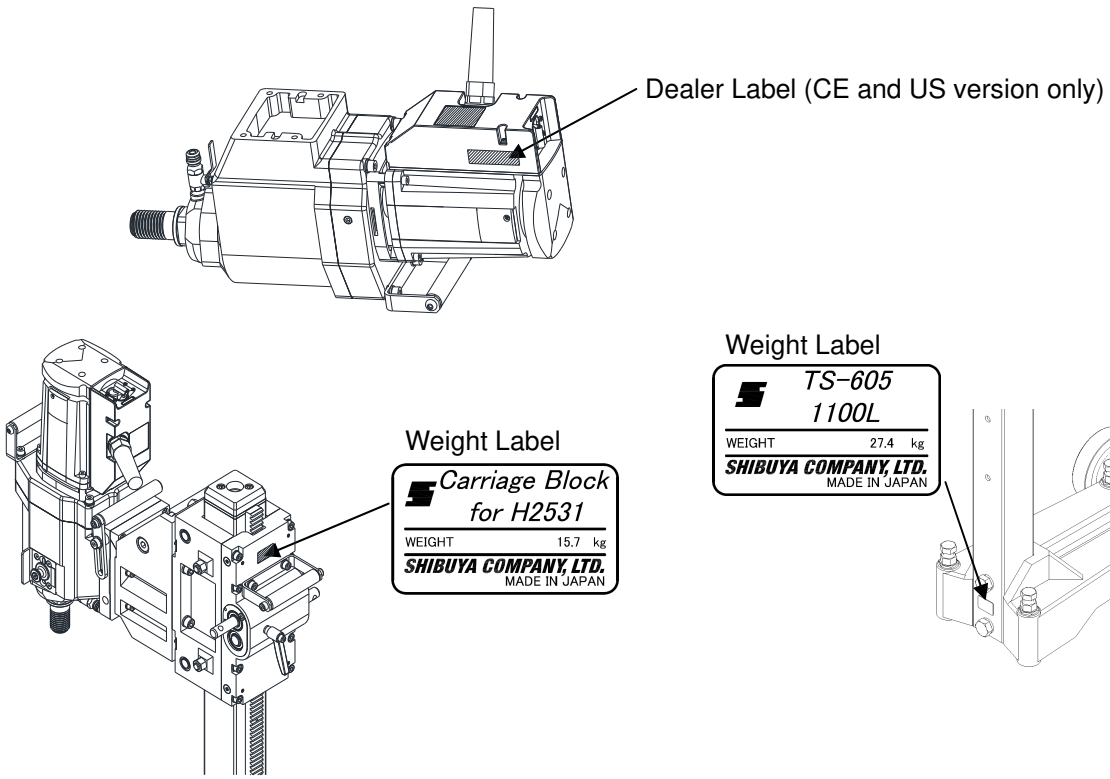
110-120 V model



220-240 V model

1.4 Other label

This machine has labels as shown in the figure below. When the label is illegible or lost, contact a Shibuya authorized dealer to get a new one.



2. DESCRIPTION

This machine consists of the drill motor and drill stand. This machine is designed for wet drilling in walls and floors made of concrete, natural stone and other mineral building materials using diamond core bits (diamond tools). The drill motor must be mounted on a Shibuya drill stand: TS-605. Handheld use is not permissible.

2.1 Applications of the machine

- Drilling reinforced concrete for piping works
- Extracting concrete cores for strength testing
- Overall drilling in reinforced concrete, except drilling upwards

3. IMPORTANT NOTICE

⚠ DANGER

- **Improper use of the diamond core drilling machine may lead to serious or fatal injuries. Read, understand and follow this manual carefully before the operation.**
- **This machine is designed for core drilling operations. Never use it for any other purposes. Do not use it as a hand-held core drill.**

⚠ WARNING

- **This machine is intended for industrial applications by experienced operators.**
- **Always use common sense and plan your work to avoid injuries. It is not possible to cover all risks which may occur during the operations in this manual. Therefore, enough care must be taken to ensure the safe operation of this machine.**

NOTE

- Shibuya Company, Ltd. reserves the right to change specifications of products without any prior notices.
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4. SAFETY

4.1 Safety precautions

The safety precautions given in the following section contain all general safety precautions for power tools which, in accordance with the applicable standards, require to be listed in the operating instructions.
Accordingly, some of the rules listed may not be relevant to this power tool.

4.1.1 General power tool safety warnings

⚠ **WARNING**
Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3) Personal safety

a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

4) Power tool use and care

a) **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

5) Service

a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

4.1.2 Diamond drill safety warnings

a) **When performing drilling that requires the use of water, route the water away from the operator's work area or use a liquid collection device.** Such precautionary measures keep the operator's work area dry and reduce the risk of electrical shock.
b) **Operate power tool by insulated grasping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
c) **Wear hearing protection when diamond drilling.** Exposure to noise can cause hearing loss.
d) **When the bit is jammed, stop applying downward pressure and turn off the tool.** Investigate and take corrective actions to eliminate the cause of the bit jamming.
e) **When restarting a diamond drill in the workpiece check that the bit rotates freely before starting.** If the bit is jammed, it may not start, may overload the tool, or may cause the diamond drill to release from the workpiece.
f) **When securing the drill stand with anchors and fasteners to the workpiece, ensure that the anchoring used is capable of holding and restraining the machine during use.** If the workpiece is weak or porous, the anchor may pull out causing the drill stand to release from the workpiece.
g) **When drilling through walls or ceilings, ensure to protect persons and the work area on the other side.** The bit may extend through the hole or the core may fall out on the other side.

h) **Do not use this drill tool for overhead drilling with water supply.** Water entering the power tool will increase the risk of electric shock.

4.1.3 Additional safety precautions

Personal safety

- Tampering with or modification of the machine is **not** permitted.
- The machine is **not intended for use by inexperienced persons** who have received no special training.
- Keep the machine out of reach of children.
- **Avoid touching rotating parts.** Switch the machine on only after it is in the position at the workpiece. Touching rotating parts, especially rotating accessory tools, may lead to injury.
- Avoid skin contact with drilling slurry.
- Dust from materials, such as paint containing lead, some kinds of wood, concrete / masonry / stone containing silica, and minerals as well as metal, may be injurious to health. Contact with or inhalation of the dust may cause allergic reactions and/or respiratory or other diseases to the operator or bystanders. Certain kinds of dust are classified as carcinogenic such as oak and beech dust, especially in conjunction with additives for wood conditioning (chromate, wood preservative). Material containing asbestos must only be handled by specialists. Use a dust removal system that is as effective as possible. Accordingly, use a suitable vacuum cleaner of the type recommended by **specialists** for wood dust and/or mineral dust and which is designed for use with this power tool. Ensure that the workplace is well ventilated. The use of a dust mask suitable for the particular type of dust is recommended. Observe national regulations applicable to the materials on which you intend to use the machine.
- The diamond core drilling machine and the diamond core bit are heavy pieces of equipment. There is a risk of crushing parts of the body. **The user and any other persons in the vicinity must wear suitable eye protection, a hard hat, ear protection, protective gloves and safety footwear while the machine is in use.**

Careful handling and use of electric tools

- Make sure that the drill motor is correctly fastened in the drill stand.
- Ensure that the accessory tools used have a spindle thread that is compatible with the drilling machine and that they are secured in the spindle correctly.

Electrical safety

- **Avoid using extension cords with multiple power outlets** and the simultaneous use of several machines connected to one extension cord.
- Never plug into the socket that is not equipped with an earth (ground) conductor.
- Before beginning work, **check the working area (e.g. using a metal detector) to ensure that no concealed electric cables or gas and water pipes** are present. External metal parts of the machine may become live, for example, when an electric power line is damaged accidentally. This presents a serious risk of electric shock.
- Make sure that the supply cord is not pinched and damaged as the carriage block advances.
- **Never operate the machine without the PRCD.** Never operate machines without an isolating transformer if PRCD is not equipped. Test the PRCD each time before use.
- **Check the machine's supply cord at regular intervals** and have it replaced by a qualified specialist if found to be damaged. If the machine's supply cord is damaged it must be replaced by Shibuya authorized dealer. Check extension cords at regular intervals and replace them if found to be damaged. Do not touch the supply cord or extension cord if it is damaged while working. Disconnect the supply cord plug from the power outlet. Damaged supply cords or extension cords present a risk of electric shock.

Workplace

- **Approval must be obtained from the site engineer or architect prior to beginning drilling work.** Drilling work on buildings and other structures may influence the static equilibrium of the structure, especially when steel reinforcing bars or load-bearing components are cut through.
- If the drill stand has not been fastened correctly, always move the drill motor mounted on the drill stand all the way down in order to prevent the stand from falling over.
- Keep the supply cord, extension cord, water hose and vacuum hose away from rotating parts of the machine.

4.2 Safety devices

Circuit protector (Main Switch)

⚠ WARNING
Do not modify the circuit protector.

This machine is equipped with a circuit protector for safer operation, avoiding overload of the drill motor which may cause fire or smoke.

Clutch system

⚠ CAUTION
Do not tighten the clutch by yourself.

This machine is equipped with clutch system to reduce the risks when the core bit is jammed. This system also plays a role in protecting the power train.

5. TECHNICAL DATA

5.1 Diamond core drilling machine

When powered by a generator or transformer, the generator or transformer's power output must be at least 5.2 kVA. The operating voltage of the transformer or generator must always be the voltage stated on the model name plate label.
The specification may vary for country-specific versions. Please refer to the model name plate label for details of its voltage, frequency, current and input power ratings.
Information for users as per EN 61000-3-11: Switching on causes a brief drop in voltage. Other appliances may be negatively affected on mains supplies where conditions are unfavorable. No malfunctions are to be expected in mains supplies with an impedance of less than 0.162 ohms (220-240 V).

Motor Model		**H2531**		
Rated Voltage	(V)	110	110-120	220-240
Rated Frequency	(Hz)	50	50/60	
Rated Input	(W)	2750	3450	
Rated Current	(A)	25	30	15
Spindle Rev. at No Load	(min^{-1})	150/300/600		175/350/700
Spindle Rev. at Rated Load	(min^{-1})	100/200/400		105/210/420
Spindle Thread		UNC 1 1/4" or A-ROD		
Weight (excl. Plug and Cord)	(kg)	20.6 (45 lbs.)		

Drill Stand Model		**TS-605**
Max. Applicable Core Bit Diameter	(mm)	600 (24")
Overall Height	(mm)	1106 (43.5")
Base Size*	(mm)	230 x 400 (9.1" x 15.7")
Total Stroke	(mm)	634 (25")
Weight (excl. Carriage Block)	(kg)	27.6 (61 lbs.) [> 25 kg]
Weight (incl. Carriage Block)	(kg)	42.9 (95 lbs.) [> 25 kg]

* Wheels are not included

NOTE
Never use the machine at the place where the ambient temperature is below 0 degrees C (32 degrees F) or above 40 degrees C (104 degrees F).

5.2 Noise information and vibration values determined in accordance with EN 62841

The sound pressure and vibration values given in these instructions have been measured in accordance with a standardized test and may be used to compare one power tool with another. They may be used for a preliminary assessment of exposure. The data given represents the main applications of the power tool. However, if the power tool is used for different applications, with different accessory tools, or is poorly maintained, the data may vary. This may significantly increase exposure over the total working period. An accurate estimation of exposure should also take into account the times when the power tool is switched off, or when it is running but not actually being used for a job. This may significantly reduce exposure over the total working period. Identify additional safety measures to protect the operator from the effects of noise and/or vibration, for example: maintain the tool and the accessories and organization of work patterns.

The sound pressure and vibration have been measured under the following condition in accordance with EN62841.

Drill motor	Speed range	Core bit dia.	Concrete formulation
H2531 (110 / 220-240 V)	L (Low speed)	450 mm	The water/cement mass ratio : 0.56 Compressive strength : 44 N/mm^2

Noise emission values determined in accordance with EN 62841

Drill motor	H2531 110 V
Sound (power) level (L_{WA})	110 dB(A)
Uncertainty for the sound power level (K_{WA})	3 dB(A)
Sound pressure level (L_{pA})	86.8 dB(A)
Uncertainty for the sound pressure level (K_{pA})	3 dB(A)

Drill motor	H2531 220-240 V
Sound (power) level (L_{WA})	111.4 dB(A)
Uncertainty for the sound power level (K_{WA})	3 dB(A)
Sound pressure level (L_{pA})	93.5 dB(A)
Uncertainty for the sound pressure level (K_{pA})	3 dB(A)

Total vibration (vector sum of three directions) measured in accordance with EN 62841

Triaxial total vibration (vector sum of vibration) at the quick release handle (feed handle) does not exceed 2.5 m/s² in accordance with EN 62841.

6. BEFORE USE

When you purchase a complete set that consists of Drill Motor and Drill Stand, the packing is divided into three packages. The drill motor H2531 in the polyethylene bag is packed in the carton box. The carriage block including the quick release spacer for H2531 is packed in the carton box. The drill stand TS-605 is packed in the carton box. Assemble the components as described in this manual after unpacking.

6.1 Attaching the quick release spacer to the drill motor and the carriage block

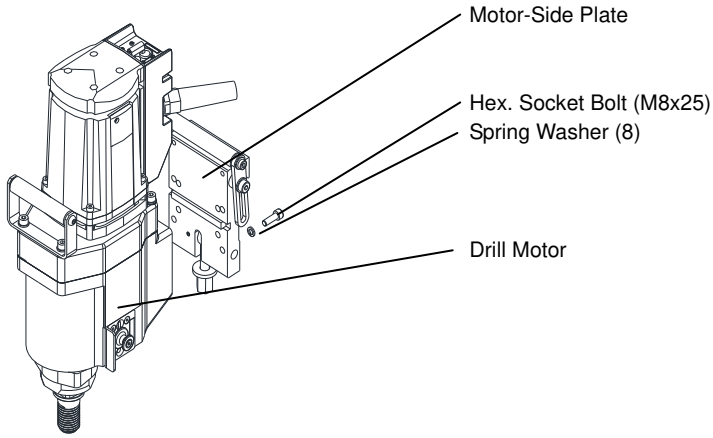
⚠ WARNING

- **Make sure the drill motor is switched off and disconnected from the power supply.**
- **Comply with the tightening torque stated on this manual. Inadequate torque may lead to death or serious injury to the operators and others.**

6.1.1 Attaching the motor-side plate to the drill motor

Use 4 pieces of hex. socket bolt (M8x25) and 4 pieces of spring washer (8) which are supplied with the quick release spacer. The tightening torque is 21 Nm (15.5 lbf･ft) each.

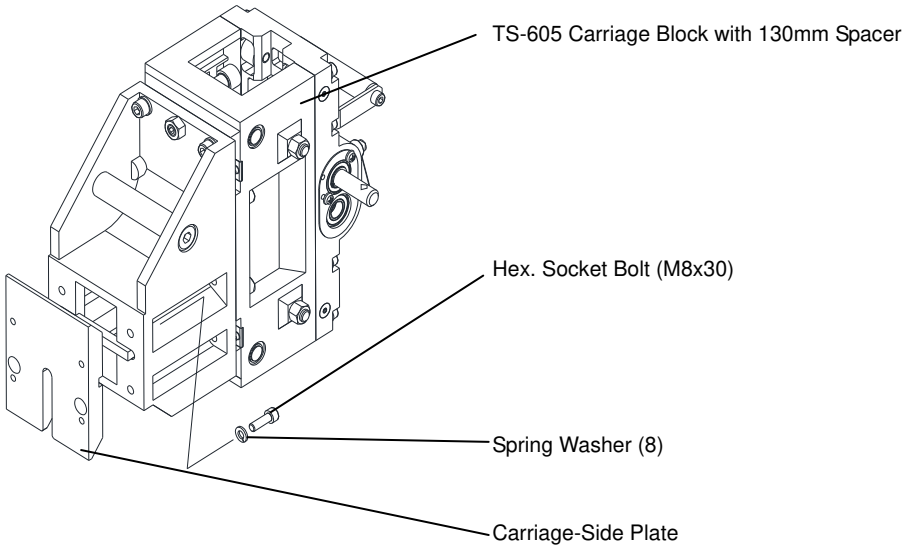
Refer to the figure below.



6.1.2 Attaching the carriage-side plate to the carriage block

Use 4 pieces of hex. socket bolt (M8x30) and 4 pieces of spring washer (8) which are supplied with the quick release spacer. The tightening torque is 21 Nm (15.5 lbf･ft) each.

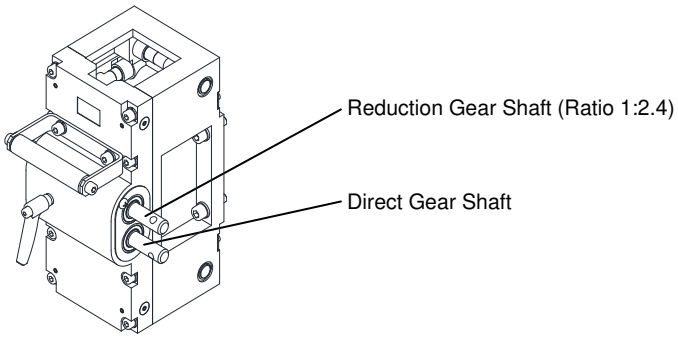
Refer to the figure below.



6.2 Attaching the quick release handle to the carriage block

⚠ WARNING
Take care not to pinch fingers between the retainer and the quick release handle (feed handle).

NOTE
The carriage block is equipped with 2 different pinion shafts. The upper shaft on the right side is connected to reduction gear (Ratio 1:2.4), and the lower shaft on the right and left sides are connected to direct gear.



Follow the procedure below.

1) Attach the quick release handle (feed handle) to either one of the shafts.
2) Insert the retainer (pin) to fix the quick release handle to the carriage block.
3) Ensure that the handle is firmly-fastened.

6.3 PRCD, GFCI and RCD

220-240 V model

⚠ WARNING
Always use a Portable Residual Current Device (PRCD) also known as a Ground Fault Circuit Interrupter (GFCI).

Test and reset the PRCD before each use.
1. Plug into an earthed/grounded power outlet.
2. Press the "I" or "RESET" button on the PRCD.
   The indicator lights up.
3. Press the "0" or "TEST" button on the PRCD.
   The indicator goes out.

110-120 V model

⚠ WARNING
Always use a Residual Current Device (RCD) also known as a Ground Fault Circuit Interrupter (GFCI).

Refer to the manual of the RCD or GFCI.

Specifications of an RCD or GFCI

Power voltage	110-120 V
Breaking current	30 A or more
Current leakage	10 mA or less

6.4 Extension cords

⚠ CAUTION

- **For 220-240 V model, use only extension cords of a type approved for the application and with conductor cross section 2 mm^2 or larger, and the maximum allowable length of the cord is 35 meters (115 ft).**
- **For 110-120 V model, use only extension cords of a type approved for the application and with conductor cross section 3.5 mm^2 (12AWG) or larger, and the maximum allowable length of the cord is 30 meters (98 ft).**
- **Never turn on the drill motor while the extension cords are circularly bundled. The circularly bundled extension cords may act as a coil which generates a magnetic field and heat.**

7. SETTING UP

7.1 Fastening the drill stand with an anchor

⚠ DANGER

Fasten the drill stand firmly on the material to be drilled, otherwise the machine may become unstable during the operation and it may lead to death or serious injury to the operators and others.

⚠ WARNING

- **Read and follow the instruction manual of the anchor bolts used with the machine.**
- **Use anchor bolts which tensile strength is greater or equal to 24.5 kN (5.5 klbf).**
- **When fastening the drill stand to a wall, countermeasures must be taken to avoid falling hazards.**
- **Never fasten the drill stand to a ceiling.**

⚠ CAUTION

Transportation, installation, and dismantling of the machine must be done by two or more operators for safety.

⚠ NOTE

Use two anchors for drilling larger or equal to 350 mm (13.8") diameter holes for stable drilling. Ensure that there is sufficient distance between the anchors therefore the material to be drilled will not collapse while the operation.

1) Drill a hole for Drop-In anchor, using a hammer drill.
   The ideal distance between the center of the hole to be drilled and the anchor hole;

   TS-605 drill stand: 489-689 mm (19.3"-27.1")

2) Clean out the anchor hole.
3) Insert the anchor into the hole, and hammer a setting tool to fasten the anchor firmly.
4) Screw a threaded bolt into the anchor.
5) Set the drill stand, passing the bolt through the anchor slot.
6) Insert the W1/2 square washer (standard accessory) to the bolt.
7) Insert a hex. nut to the bolt. Then, tighten the nut temporarily.
8) Adjust the leveling bolts to stabilize the base. Tighten the nut on the leveling bolts to fix the leveling bolts firmly.
9) Tighten the hex. nut firmly using a spanner.

7.2 Mounting the carriage block on the drill stand

7.2.1 Attaching the carriage block to the drill stand

⚠ CAUTION

- **Take care not to pinch fingers between the carriage block and the column when mounting**

the carriage block.

- **Hold the carriage block tightly with both hands when mounting the carriage block on the drill stand.**
- **The quick release handle (feed handle) starts turning once the pinion gear of the carriage block and the rack gear of the column are engaged. Take care not to hit the handle against your body when the carriage block is sliding.**
- **Tighten the stopper-knob (carriage brake) to prevent unintentional sliding down of the carriage block.**

Follow the procedure below.

1) Loosen the stopper-knob.
2) Mount the carriage block on the drill stand.
3) Turn the quick release handle to feed the carriage block to a suitable position.
4) Tighten the stopper-knob.

7.2.2 Adjusting the carriage block

NOTE
Adjustment of the carriage block plays an important role in core drilling operations. Unacceptable play of the carriage block will cause a radial runout of the core bit which may lead to unsymmetrical contact of the shank and/or jamming of the core bit while the operation. If the carriage block is too tight, the resistance will increase and the carriage block does not slide smoothly along the column. Adjust the carriage block a little tight and within the operator can reasonably feed the motor.

The carriage block must be adjusted if there is play between the carriage block and the column. Follow the procedure below.

1) While holding the feed handle, loosen the stopper-knob.
2) After loosening ① hex. nuts using a 19x21mm double-end spanner, tighten or loosen ② hex. socket screws using a 6mm Allen key to adjust the play while turning the feed handle. After ② hex. socket screws are properly adjusted, tighten ① hex. nuts.

There are 2 places for adjusting the play of crosswise direction on the left side of the carriage block.
There are 2 places for adjusting the play of front-back direction on the front side of the carriage block.

7.3 Mounting the drill motor on the carriage block with quick release spacer

⚠ WARNING

- **Make sure the drill motor is switched off and disconnected from the power supply.**
- **Make sure that that the drill stand is firmly fastened to the material to be drilled.**
- **Make sure that the carriage block is locked at some point on the column by using the stopper-knob.**
- **Hold the drill motor securely until the spacer tightening nut is firmly tightened.**
- **Make sure that the spacer tightening nut is always tightened firmly.**

⚠ CAUTION

- **Take care not to pinch fingers between the quick release spacers while mounting/ dismounting the drill motor.**
- **Tighten the stopper-knob (carriage brake) to prevent unintentional sliding down of the carriage block.**

Follow the procedure below.

1) Tighten the stopper-knob to fix the carriage block on the column.
2) Hook the drill motor on the hooking claw of quick release spacer, and insert the stopper pin into the carriage-side plate.
3) Tilt the spacer tightening nut from the motor-side plate to the carriage-side plate, and tighten it firmly. The tightening torque is 49 Nm (36.3 lbf・ft).
4) Check that the drill motor is firmly mounted on the carriage block.

7.4 Setting up the swivel top (Option)

⚠ CAUTION

- **The attaching procedure of the swivel top must be carried out by two or more operators for safety. Ensure to not swiveling the carriage block on the swivel top unintentionally.**
- **Before attaching the swivel top, ensure that the length of threaded bolt is 415mm (16.3") from the top of the swivel top mount, otherwise the swivel top will come off from the column and may lead to injuries.**
- **The swivel top part is swiveling the carriage block and the motor purpose only. Never use this part for drilling.**

Purpose of the swivel top:

The swivel top makes changing the core bits easier for deep drilling while the motor and carriage block are positioned on the swivel top part.

Fig.1 illustrates when the first step of drilling is done. For deep drilling, the core must be removed from the material, however the core bit interferes the removal of the core.

Fig.2 illustrates that using the swivel top enables rotating the carriage block with motor.

Fig.3 illustrates that removing the core while the carriage block and the motor is still on the column.

Utilizing the swivel top makes changing or extending the core bit easier, improving the efficiency of the drilling operation.

Fig.1

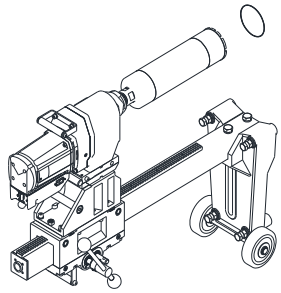


Fig.2

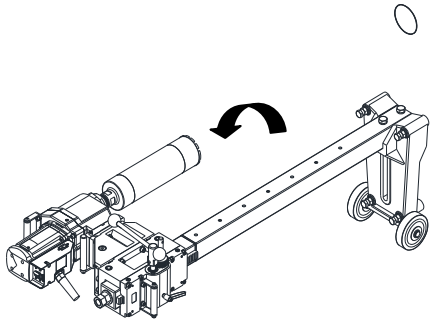
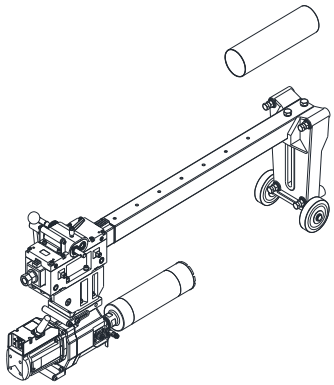


Fig.3



Follow the procedure below.

1) Ensure that the drill stand is firmly fastened and the drill motor is firmly mounted.
2) Remove the top cover from the column (Fig.4)
3) Place the swivel top mount on the top of the column and align the screw holes. (Fig.5)
4) Use 4 pieces of 8 spring washers and 4 pieces of M8x60 hex. socket bolts to fix the swivel top mount. The tightening torque is 21 Nm (15.5 lbf・ft) each. (Fig.5)

Fig.4

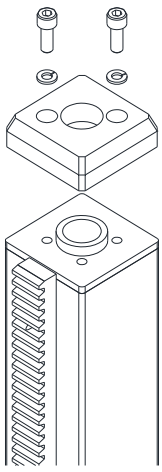
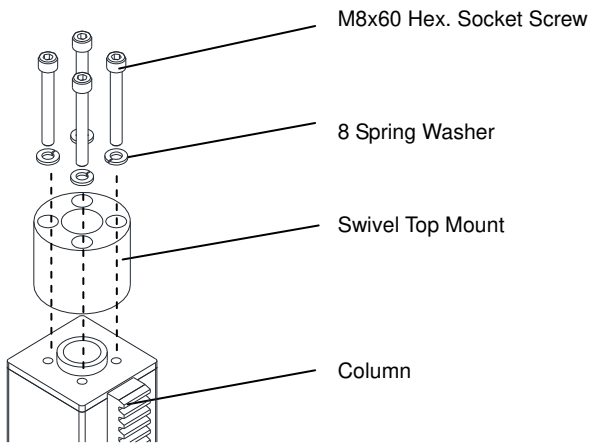


Fig.5



5) Screw the 1-8UNCx500 threaded bolt into the swivel top mount. Ensure that the length of threaded bolt is 415mm (16.3") from the top of the mount. (Fig.6)
6) Insert W-1 plain washer and then W-1 spring washer passing through the threaded bolt. Insert and

tighten 1-8UNC hex. nut. The tightening torque is 110 Nm (81.4 lbf・ft). (Fig.6)

7) Attach the swivel top body. Insert W-1 plain washer and 1-8UNC hex. nut. Tighten the 1-8UNC hex. nut temporary. The temporary tightening torque is 90 Nm (66.6 lbf・ft). (Fig.7)

NOTE
The quantity of the nut used in the procedure 7) is only 1 piece.

Fig.6

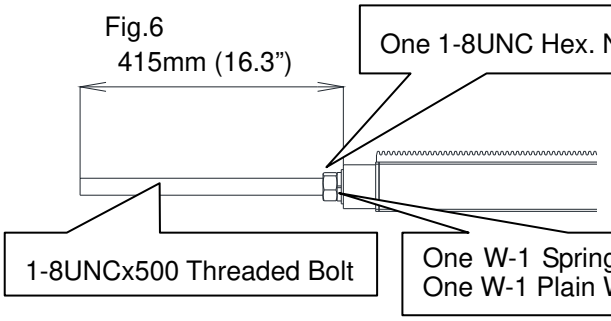
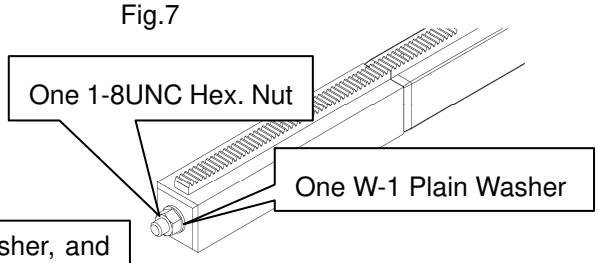


Fig.7



8) Slide the carriage block to the swivel top part. Ensure to hold the drill motor by an operator to avoid unintentional rotating of the motor. (Fig.8)

9) While the drill motor is held by the operator, adjust the tightening torque of the nut which was temporary tightened in the procedure 7) to enable safe and proper rotation of the carriage block and the drill motor on the swivel column. Ensure that the tightening torque is adequate so the swivel top does not rotate unintentionally nor does not rotate at all while in use. (Fig.9)

10) After confirming that the swivel top rotates safely and properly, fix the nut adjusted in the procedure 9) by tightening another 1-8UNC hex. nut on the top. The tightening torque for the second nut is 110 Nm (81.1 lbf・ft). Ensure that the end of the threaded bolt is flush with the upper surface of the nut. (Fig.10)

Fig.8

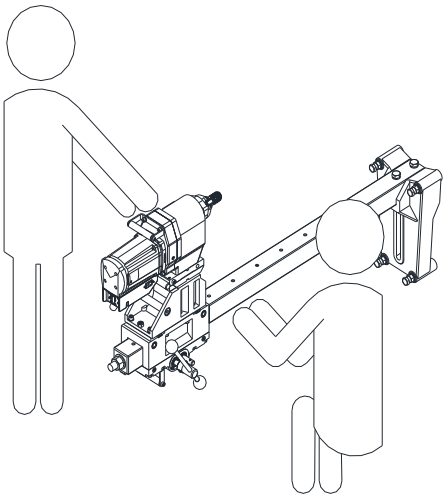


Fig.9

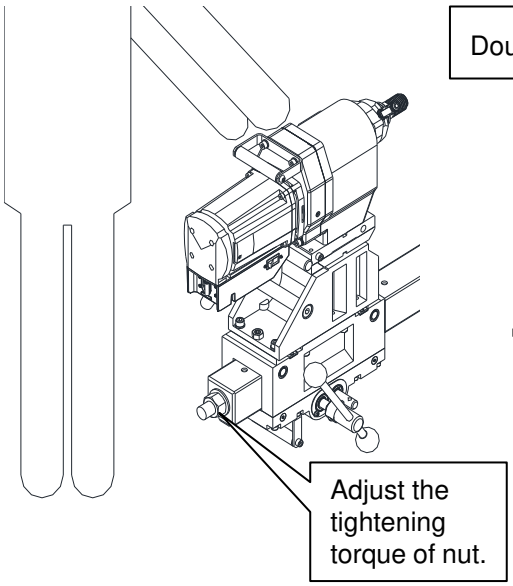
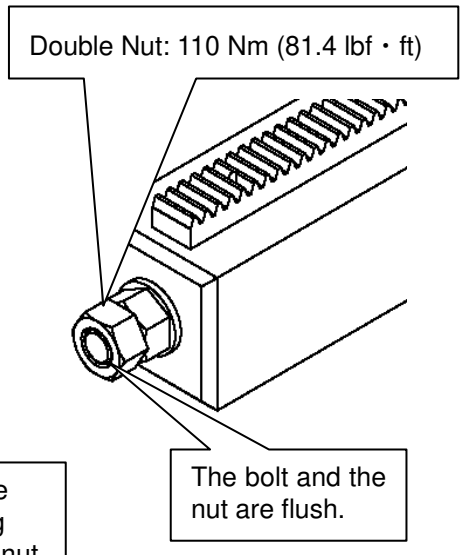


Fig.10



For the use of the swivel top, refer to 8.2.6 Use of the swivel top (Option) for deep drilling on page 20.

7.5 Setting up the extension column (Option)

⚠ CAUTION

Before attaching the extension column, ensure that the length of threaded bolt is 560mm (22") from the top of the extension column mount, otherwise the extension column may come off while the operation and may lead to injuries.

Follow the procedure below.

1) Ensure that the drill stand is firmly fastened.
2) Remove the top cover from the column (Fig.1)
3) Place the extension column mount on the column, aligning the screw holes. (Fig.2)
4) Use 4 pieces of 8 spring washers and 4 pieces of M8x80 hex. socket bolts to fix the extension column mount. The tightening torque is 21 Nm (15.5 lbf・ft) each. (Fig.2)

Fig.1

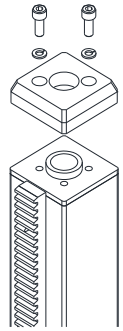
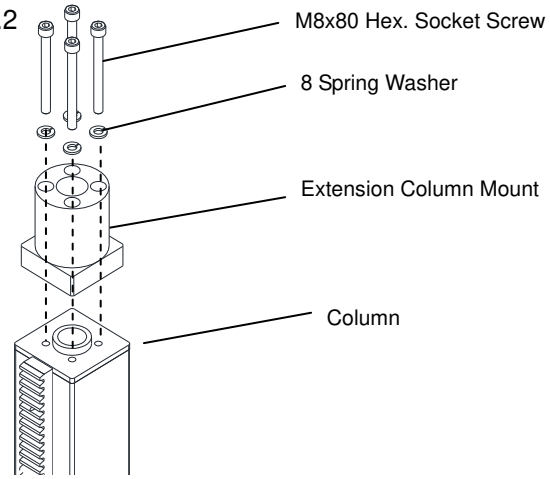


Fig.2



5) Screw the 1-8UNCx680 threaded bolt into the extension column mount. Ensure that the length of threaded bolt is 560 mm (22") from the top of the mount. (Fig.3)

6) Insert W-1 plain washer and then W-1 spring washer passing through the threaded bolt. Insert and tighten 1-8UNC hex. nut. The tightening torque is 110 Nm (81.4 lbf・ft). (Fig.3)

7) Attach the extension column body. Insert W-1 plain washer and then W-1 spring washer. Insert and tighten an 1-8UNC hex. nut. The tightening torque is 110 Nm (81.4 lbf・ft). (Fig.4)

8) Check that the extension column is firmly attached to the column.

Fig.3

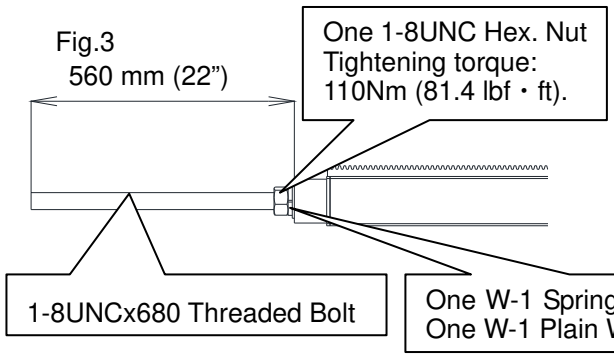
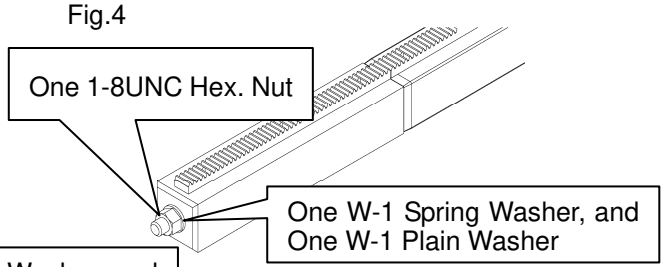


Fig.4



7.6 Attaching a core bit

⚠ WARNING

- **Make sure the drill motor is switched off and disconnected from the power supply.**
- **Never use the drill motor's power to attach a core bit.**

⚠ CAUTION

Wear protective gloves when changing a core bit. A core bit becomes hot as a result of use. It may have sharp edges.

NOTE

- Use core bits in conformity with EN13236 and/or EN12413.
- For safety reason, each damaged (cracked) bit must be replaced.
- Leaving a core bit attached to the spindle may cause adherence of the core bit to the spindle. Using a quick disconnect tool such as the Slider may help to avoid such adherence.

Attach a core bit to the spindle firmly and securely by rotating the core bit.

Ensure that the end surface of the core bit is aligned with the surface of the spindle, so that the core bit can not be tightened any further.

7.7 Shifting the gear

⚠ WARNING

Make sure the drill motor is switched off and disconnected from the power supply.

⚠ CAUTION

The gear shifting must be done when the motor is completely stopped.

H2531 drill motor has a 3-speed gearbox. "H" is a high-speed range, "M" is a middle-speed range and "L" is a low speed range.
According to the size or diameter of the core bit attached, a proper gear must be chosen.
Refer to the following table.

NOTE

This table is advisory only. Maximum drilling diameter depends on the hardness of the material to be drilled.

Drill Motor Model	Speed Range	Rev. (No-Load)	Recommended Drilling Diameter
H2531	H	600 min^{-1} (110-120 V) 700 min^{-1} (220-240 V)	110 to 200 mm (4" to 8")
	M	300 min^{-1} (110-120 V) 350 min^{-1} (220-240 V)	200 to 300 mm (8" to 12")
	L	150 min^{-1} (110-120 V) 175 min^{-1} (220-240 V)	300 to 600 mm (12" to 24")

For the gear shifting procedure, refer to the following.

1) Pull out the gear change knob.
2) Shift it to your desired position.
3) When the shifting is completed, the knob will be pushed back. Ensure that the knob is pushed back to the position before proceeding to the next step.

NOTE

If the gear does not shift well, shift the gear while rotating the spindle by hand.

7.8 Preparation for water supply

⚠ CAUTION

- **Ensure that the water hose is not entangled with the core bit or other moving parts.**
- **Ensure that the water hose has an enough length for the working stroke of the carriage block.**
- **Ensure that the water hose is not damaged.**
- **Check the water supply system to ensure there are no leaks.**
- **Never allow water to enter the drill motor.**

NOTE

- The maximum water pressure is 3 bar.
- Use only water (tap water or fresh water).
- Maximum water temperature: 40 degrees C (104 degrees F).

Follow the procedure below.

1) Connect a water hose from a tap or a water supplying device to the Gardena connector / water cock of the drill motor.
2) Turn the swivel ring and adjust the hose position properly.

8. OPERATION

8.1 Precautions for the drilling operation

⚠ DANGER

- **The following instructions are essential safety measures that you must follow.**
- **Improper use may lead to death or serious injury to the operators and/or others.**

Ensure the following before plugging in.

8.1.1 General

- Ensure that the operator has read and understood this manual.
- Ensure that that the operator wears proper protective clothing such as a hard hat, protective glasses, hearing protection, dust mask, protective gloves, and non-skid safety shoes. Long hair must be tied up.
- Depending on the applicable standard, take care not to stay in the environment which exceeds the allowable sound level for a long time.
- Confirm that the core bit is attached to the spindle properly. When it is misaligned or loose, attach it again.
- Take care not to get your face close to the air outlet.
- Do not insert your hands, arms, face, and other body parts in the working range of the carriage block.

8.1.2 Electrical safety

- Never use this machine without a PRCD, GFCI or RCD.
- Do not drill in an upward from the horizontal. Water may leak in the motor.
- When drilling walls, a proper water collection device must be used.
- Check that the power supply voltage is the voltage shown on the model name plate label of the power tool. If the voltage is low, the current likely increases therefore the circuit protector trips frequently.
- Secure enough current for the machine.
- Use a correctly functioning generator or transformer.
- When powered by a generator or transformer, the generator or transformer's power output must be at least 5.2 kVA.
- Make sure that there is no damage on the power plug, cord, and power outlet. If there is any damage, contact a Shibuya authorized dealer for repair.
- Never turn on the drill motor while the extension cords are circularly bundled. The circularly bundled extension cords may act as a coil which generates a magnetic field and heat.
- Before connecting to the power supply, make sure that the main switch is in OFF (0) position. If the main switch is in ON (I) position, the drill motor unintentionally starts off when applying current, which may lead to injury to the operator or others.

8.1.3 Others

- Ensure that the following portions are firmly installed;
  a) Base and the surface of the material to be drilled.
  b) Column and carriage block.
  c) Carriage block and drill motor.
- Ensure that power cord, water hose, and operator's protective clothing are not touching the core bit.
- Ensure that the air inlet of the drill motor which is located on the top side of the motor is not blocked. Insufficient cooling may lead to damage of the motor.
- Ensure that any adjusting keys, wrenches, and spanners are not attached to the machine before starting the operation and while in operation.

8.2 Operating procedure

8.2.1 Start drilling

⚠ DANGER

- **Ensure that the operator (s) stand firmly, and keep people away from the working area before starting.**
- **For penetration works, ensure to have proper protection for the operators as well as the people and property at the opposite side of the wall or down floor.**
- **Keep your hands and other body parts away from rotating parts while the drill motor is running.**
- **Do not apply too much pressure to the feed handle at the start of drilling. Rapid start of drilling may shatter segments of the core bit and the pieces may cause injuries. Gradually increase the pressure until stable feeding rate.**
- **Do not touch the metal parts of the feeding handle except the ball knob(s). It may cause electric shock and pinching fingers.**

Follow the procedure below.

1) Insert the plug into the power outlet via a PRCD, GFCI or RCD.
   For the use of a PRCD, GFCI and RCD, refer to the clause 6.3.
2) Open the water cock to start supplying water.
3) Turn on the main switch to start the drill motor.
4) Loosen the stopper-knob, and start feeding the carriage block by turning the feed handle until the core bit contacts with the drilling surface.
5) When the tip of the core bit comes into contact, apply only light pressure until the segments of core bit completely get into the material. Then, gradually increase the pressure until stable feeding rate.

8.2.2 Restart after the circuit protector trips

⚠ WARNING

The main switch still remains at ON (I) position even after the drill motor is forced to shut off due to situations such as the electric power failure. To avoid unintentional restart of the motor, ensure to turn off (0) the main switch immediately, after the motor is forced to shut off.

This drill motor is equipped with a circuit protector to protect the motor. The circuit protector trips when it detects overcurrent during the operation.
To restart the drill motor, turn on the main switch again. Adjust the feed pressure so that the circuit protector does not trip.

8.2.3 Core bit jamming

⚠ WARNING

- **Make sure the drill motor is switched off and disconnected from the power supply.**

If the core bit is jammed, follow the procedure below to remove the concrete core before restarting the drill motor.

1) Close the water cock to stop water supply.
2) Unplug the drill motor from the power supply.
3) Remove the concrete core.
4) Insert the plug into the power outlet via a PRCD, GFCI or RCD again.
   For the use of a PRCD, GFCI and RCD, refer to the clause 6.3.
5) Open the water cock to start supplying water.
6) Turn on the main switch to restart the drill motor.

8.2.4 Stop drilling

⚠ WARNING
Do not let the water and/or concrete slurry splash on the drill motor, cable, plug, and the power supply.

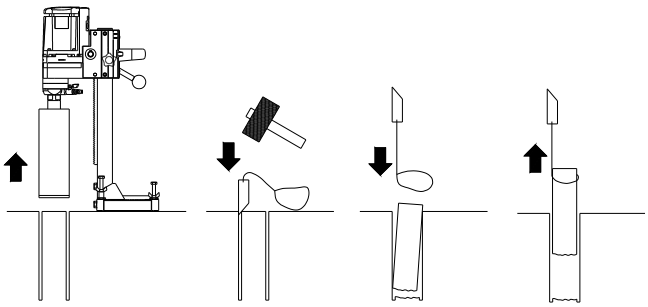
Follow the procedure below.

1) When the core bit reaches the desired depth, turn the feed handle backwards to pull out the core bit from the surface of the drilling object.
2) Tighten the stopper-knob to fix the carriage block on the column.
3) Turn off the main switch to stop the drill motor.
4) Close the water cock to stop water supply.
5) Unplug the drill motor, and then remove the core bit from the spindle.
6) Remove the drill motor from the carriage block using the quick release spacer.
7) Loosen the stopper-knob, and turn the feed handle to pull up the carriage block until the upper end of the column.
8) Lift up and remove the carriage block from the column.
9) Remove the drill stand from the surface of the drilling object.

8.2.5 Remove cores with the core removal lasso

⚠ WARNING
- **The core removal lasso is designed for concrete core removal purpose only. Never use it for any other purposes.**
- **Even though this tool has enough wire length to pull up 250 mm (10”) diameter cores, the maximum applicable core size depends on the weight and length of the core, and situations.**

Follow the procedure shown in the illustration below.



8.2.6 Use of the swivel top (Option) for deep drilling

⚠ CAUTION
The swivel top is only intended to use for swiveling the drill motor with the carriage block to facilitate core bit replacement and/or core removal operations. Do not use the swivel top part for drilling purpose. Drilling operation must be carried out by feeding the carriage block on the column.

NOTE
Only adjust the carriage block when it is on the column. Adjusting the carriage block on the swivel top will cause difficulty in feeding the motor.

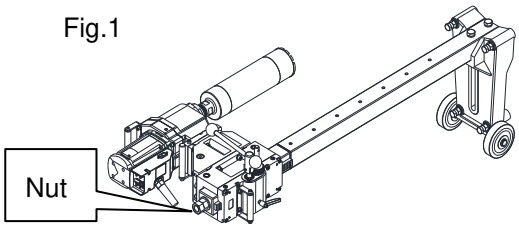
Follow the procedure below.

1) Refer to 8.2.1. Start drilling on page 19.
2) When the core bit reaches the desired depth, turn the feed handle backwards to pull out the core

bit from the surface of the drilling object. Fix the carriage block on the column, stop the drill motor and water supply by referring to the procedure from 1) to 4) in 8.2.4 Stop drilling on page 20.

3) Unplug the drill motor, and then loosen the stopper-knob and pull up the carriage block to the swivel top.
4) Tighten the stopper-knob to fix the carriage block on the swivel top.
5) Rotate the drill motor with the carriage block while they are at the swivel top. If it rotates by its own weight or does not rotate at all, readjust the tightening torque of the nut. (Fig.1) Refer to the procedure 9) to 10) in 7.4 Setting up the swivel top (Option) on page 15.
6) After the core bit is replaced and/or the core is removed, rotate the drill motor with the carriage block back to the original position.
7) Loosen the stopper-knob and feed the carriage block from the swivel top to the column.
8) Tighten the stopper-knob to fix the carriage block on the column.
9) For restarting, refer to 8.2.1. Start drilling on page 19.

Fig.1



9. CLEANING

⚠ **WARNING**

- **Always disconnect the drill motor from power supply before starting any maintenance, cleaning, and inspection.**
- **Never immerse the drill motor in water or any other kind of liquid. It may cause electric shocks to the operator and others, and short circuit of the motor.**

Cleaning procedure is following.

1) Ensure that the drill motor is unplugged from power supply, before start cleaning.
2) Wipe off each part of the drill motor with a wet towel which was tightly wrung.
3) Wipe off each part of the drill stand with a wet towel.
4) Wash away concrete slurry stuck on the base, the leveling bolts, and the column.
5) Rub each part of the machine with a dry cloth.

10. ACCESSORIES (OPTION)

Following items are available as optional accessories.

1 : Water Tank
2 : Water collection rings

11. MAINTENANCE

⚠ **WARNING**

- **Make sure the drill motor is switched off and disconnected from the power supply.**
- **Use only genuine Shibuya spare parts for the maintenance written in this manual.**
- **Repairs excluding the maintenance written in this manual must be carried out by qualified, skilled personnel. The safety of the power tool can thus be maintained.**

11.1 Replacing the carbon brushes

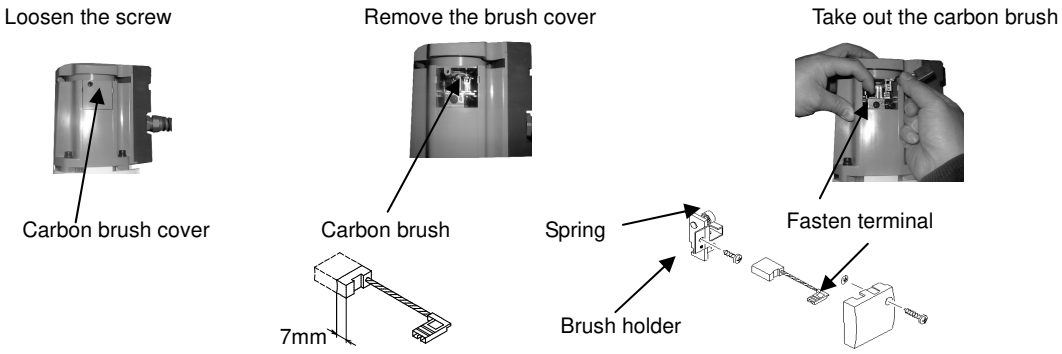
Inspect the remaining length of the carbon brushes every 100 operating hours. If the carbon brushes are worn down to 7 mm or less, replace them with new carbon brushes. Ensure to replace both sides

of carbon brushes as a pair.

NOTE
Always replace both carbon brushes as a pair. Use Shibuya genuine carbon brushes (carbon brush: 049626).

Follow the procedure below.

1) Loosen the screw on the brush cover with a Phillips screwdriver, and remove the brush cover.
2) Pull out the fasten terminal of the carbon brush from the brush holder with a flat-blade screwdriver.
3) Pick up the spring, and pull out the carbon brush while holding the spring with your fingers.
4) Insert a carbon brush into the brush holder.
5) Release the spring to hold the center of the carbon brush.
6) Connect the fasten terminal to the brush holder.
7) Fix the brush cover with the screw. Pay attention not to pinch the lead wire with the brush cover.



12. TRANSPORT AND STORAGE

⚠ WARNING
Store the machine in a lockable area. Keep out of reach of children and unauthorized persons.

NOTE
- Never store the machine at the place where the ambient temperature is below 0 degrees C (32 degrees F) or above 40 degrees C (104 degrees F). Also, never store the machine where the ambient pressure is below 80 kPa (12 psi). Store the machine in dry conditions.
- Keep the feed handle and the grip handle dry, clean, and free from oil and grease.
- Transport the drill motor, the carriage block, and the drill stand and the core bit as separate units. Hold the drill motor tightly by the grip handle.

13. TROUBLESHOOTING

Trouble	What to do first	Possible Causes	Countermeasures
The drill motor does not start.	(1) Turn off the main switch. (2) Turn off the PRCD (220-240V) and unplug the drill motor from the power supply.	Fault in the electric supply	Plug the drill motor into another power supply and check whether the drill motor works. Check the extension cord, RCD/GFCI/PRCD, power supply, and the outlet. Replace them if necessary.
		Other power tools are plugged into the power supply.	Disconnect the other power tools from the power supply. Secure at least 5.2 kVA for the drill motor.
		The power cable/plug is damaged.	Contact a Shibuya authorized dealer.
		The main switch is damaged.	Contact a Shibuya authorized dealer.
		The armature/field coil is damaged.	Contact a Shibuya authorized dealer.
		The carbon brushes are worn out.	Replace the carbon brushes.
	(1) Turn off the main switch. (2) Check the PRCD (220-240V).	The PRCD is turned off.	Turn on the PRCD.
The motor runs, but the core bit does not revolve well / abnormal noises.	(1) Turn off the main switch. (2) Turn off the PRCD (220-240V) and unplug the drill motor from the power supply. (3) Check that the gear change knob is shifted properly. (4) Check the core bit.	The gear change knob is not shifted properly.	Shift the gear change knob to engage gears properly.
		The clutch is worn or loose.	Contact a Shibuya authorized dealer.
		Gears are worn or damaged.	Contact a Shibuya authorized dealer.
		Fragments of working materials such as rebar, concrete, stones are jammed between the core bit and the drilled material.	Remove the concrete core from the core bit.
The drill motor shuts off during the operation.	(1) Check whether the circuit protector tripped.	If the circuit protector tripped, the drill motor was overloaded due to apply too much feed pressure.	Restart the drilling, and take care not to apply too much feed pressure.
	(2) Check whether the PRCD tripped (220-240V).	If the PRCD tripped, electric leakage was detected or voltage was dropped.	Contact a Shibuya authorized dealer, or an electrical engineer.
	(3) Unplug the drill motor from the power supply.	Electric power failure	Check the electric supply with electrical engineer.
Water leaks from the water leakage hole / swivel ring / spindle shaft.	(1) Turn off the main switch. (2) Turn off the PRCD (220-240V) and unplug the drill motor from the power supply. **DO NOT TOUCH THE POWER PLUG WITH WET HANDS.**	Oil seals are worn.	Contact a Shibuya authorized dealer.
		Water pressure is too high.	Reduce the water pressure to less than 3 bar.
The core bit can not be attached to the spindle.	(1) Check the core bit threads and the spindle threads.	The core bit thread is blocked with dirt or damaged.	Clean the thread, or replace the bit if necessary.
		The spindle thread is blocked with dirt or damaged.	Clean the thread. If the spindle was damaged, contact a Shibuya authorized dealer.
Drilling performance goes down	(1) Turn off the main switch. (2) Turn off the PRCD (220-240V) and unplug the drill motor from the power supply. (3) Check the drainage water from the drilling hole.	If the water contains iron powders, the machine is cutting the rebar(s).	Restart the drilling, and take care not to apply too much feeding pressure.
	(4) Check the water supply	Insufficient coolant water	Increase the amount of water supply.
	(5) Check the core bit.	The core bit is worn out, damaged, or defected.	Replace with a new core bit.
		The core bit segments are glazed.	Contact the core bit seller to ask proper sharpening methods.
		Aggregate of concrete is too hard.	Use a core bit with softer segments.
		Maximum drilling depth is reached.	Remove the core and use an extension bar for core bits.
	(6) Jolt the drill motor / stand / core bit to see if it shakes.	The base is not securely fixed to the working material.	Set up the machine again. Redo anchoring securely / Adjust the leveling bolts properly.
		There is play between the carriage block and the column.	Adjust the carriage block.
		Screws which are fastening the base and column, the carriage block and motor are loosened.	Tighten the screws.
	(7) Check for the axial runout of the spindle.	Axial runout of the spindle is observed.	Contact a Shibuya authorized dealer.

14. DISPOSAL

Do not dispose of this machine with domestic waste. Follow your national law.

With regard to environmental aspects, allowing drilling slurry to flow directly into rivers, lakes or the sewerage system without suitable pre-treatment is problematical. Ask your local authorities for applicable regulations.

15. LIMITED WARRANTY

Every Shibuya product is thoroughly inspected and tested before leaving the factory.
Should any trouble develop, return the complete machine prepaid to your nearest Shibuya authorized dealer. If inspection shows the trouble is caused by defective workmanship or material, all repairs will be made without charge and the machine will be returned.

This warranty does not apply where;

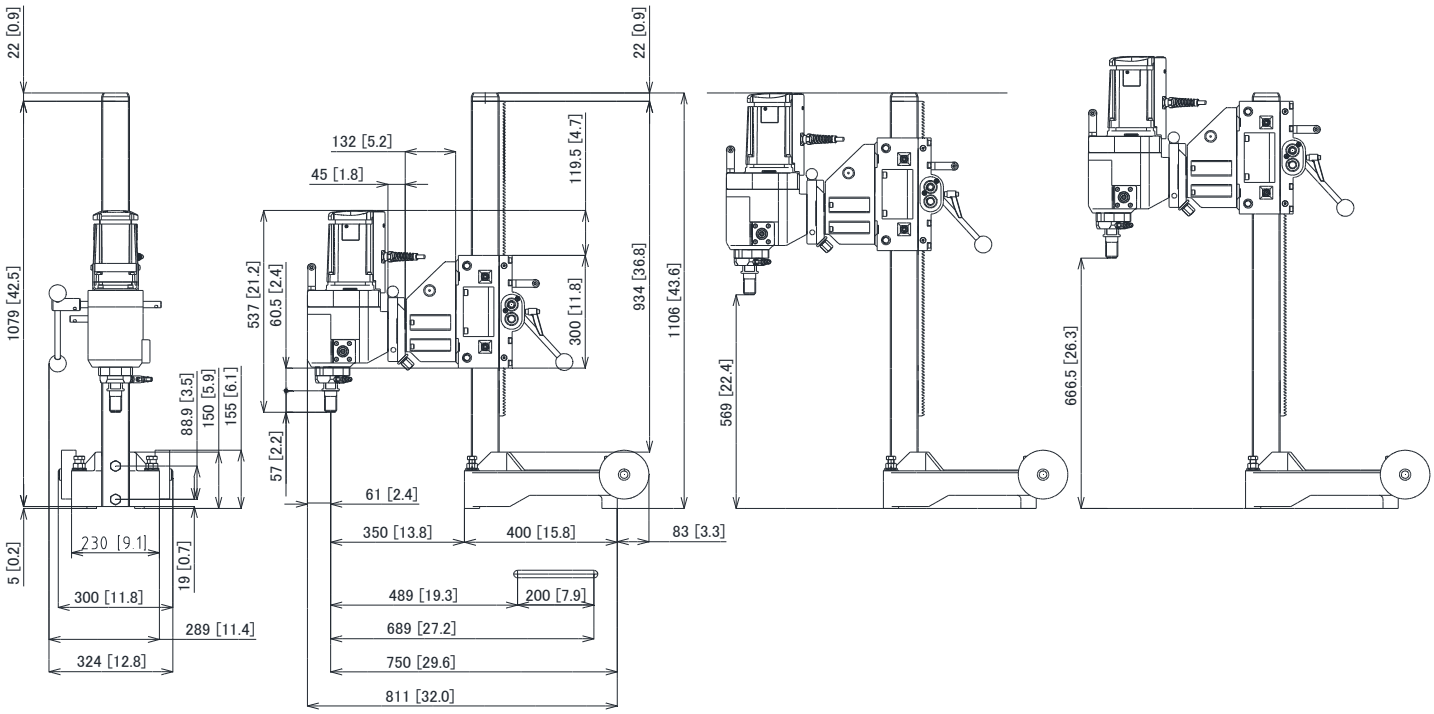
1) Repairs or attempted repairs have been made by persons other than Shibuya authorized dealer.
2) Repairs are required because of normal wear.
3) The machine has been involved in an accident.
4) The machine has been misused.
5) The machine has been used after partial failure or normal wear.
6) The machine has been modified or used with improper accessories
7) The machine expires its warranty period of 1 year upon receipt of the machine.

No other warranty, written or verbal is authorized.

16. DIMENSIONS

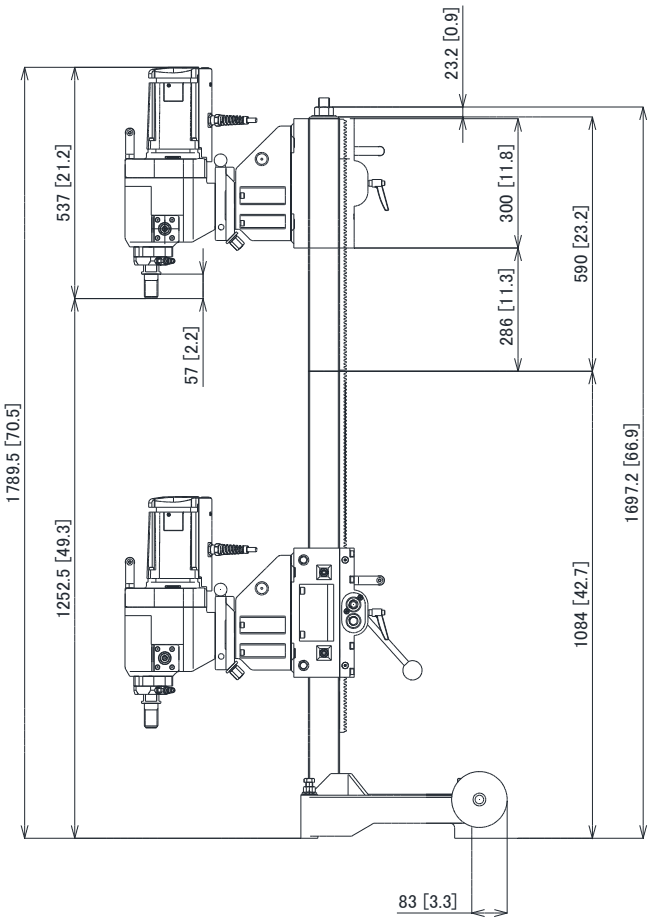
TS-605 drill stand with H2531 motor

Unit: mm [inch]



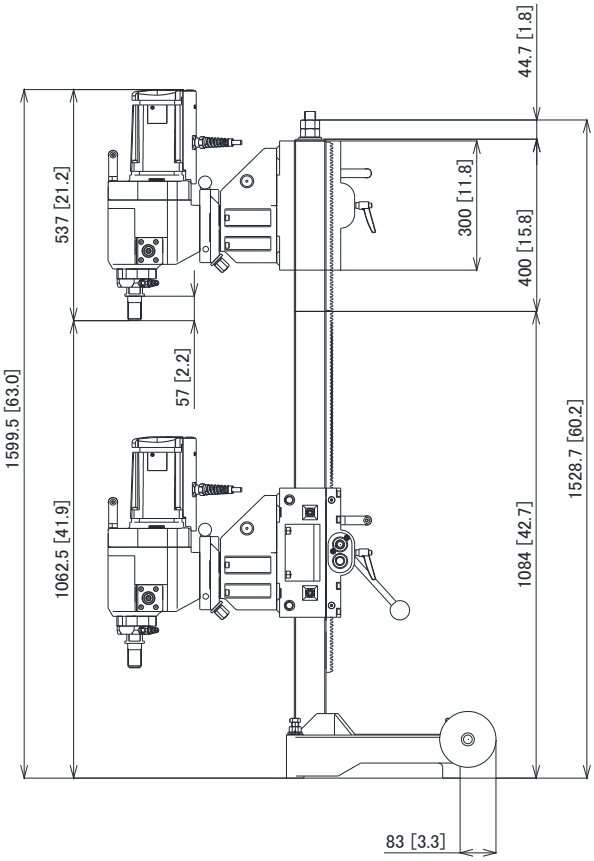
TS-605 drill stand with H2531 motor and optional extension column

Unit: mm [inch]



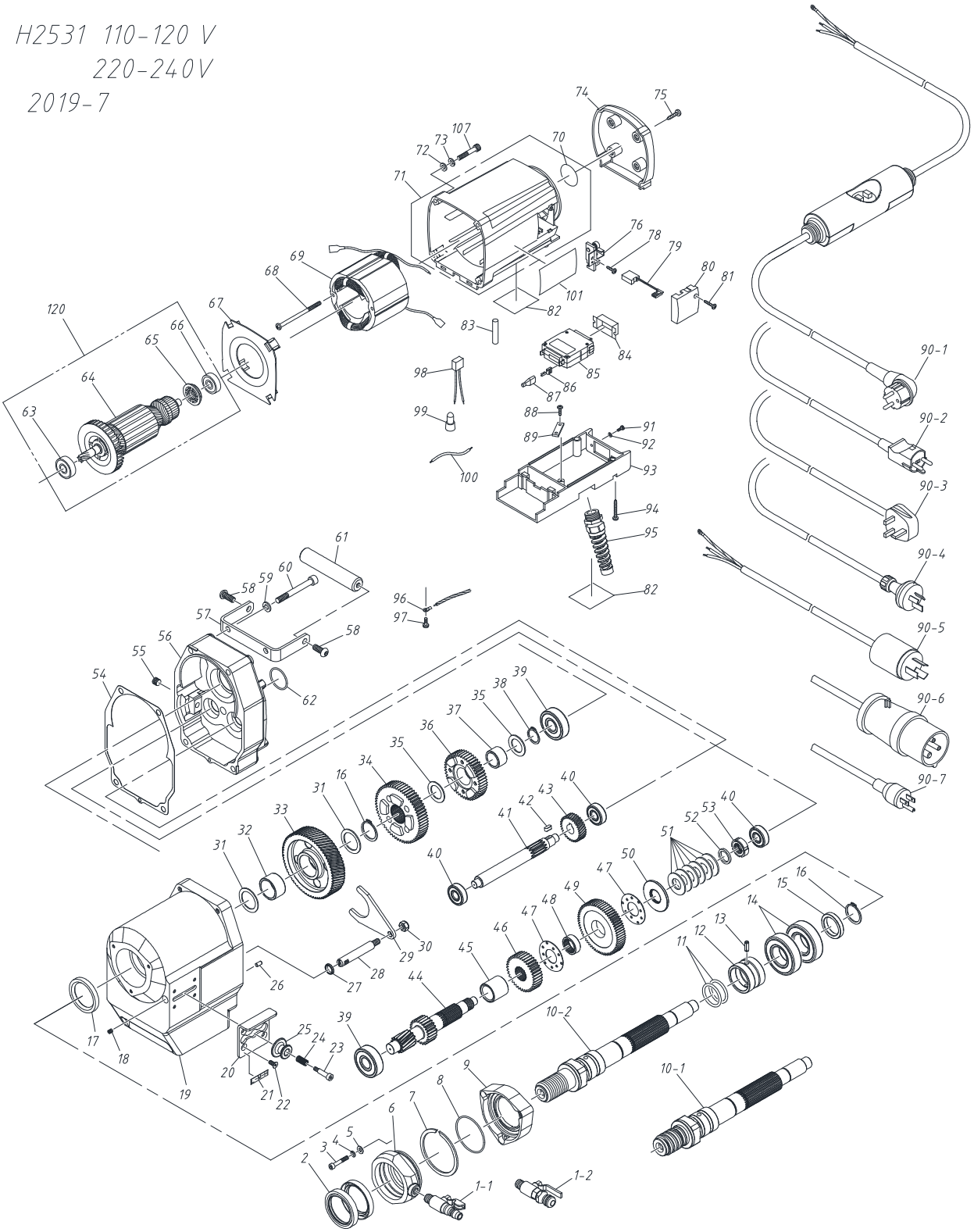
TS-605 drill stand with H2531 motor and optional swivel top

Unit: mm [inch]



17. PARTS LISTS

H2531 DRILL MOTOR

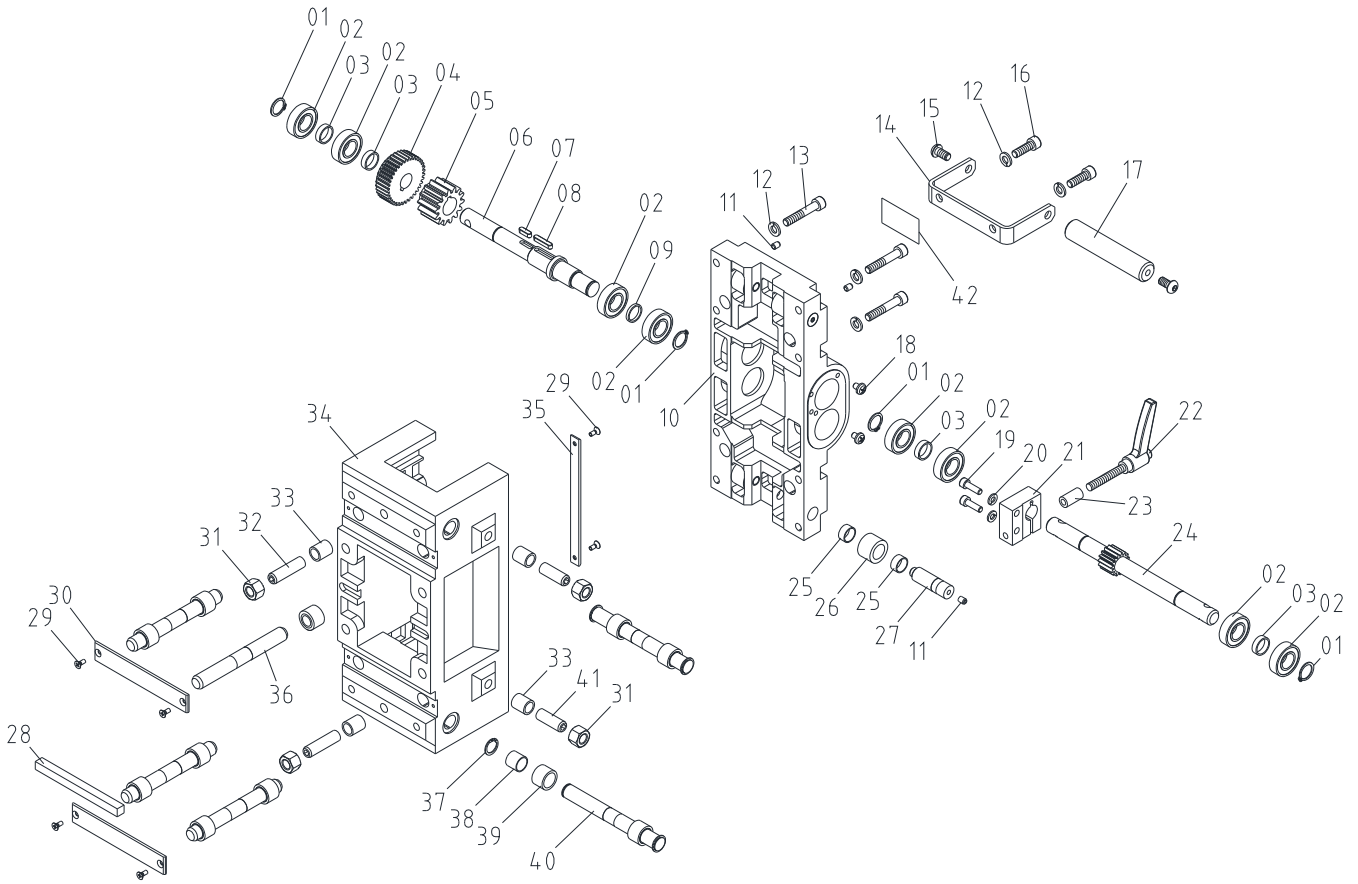


H2531 DRILL MOTOR

POS	PART NAME	NOTE	QTY	CPT CODE
1-1	WATER COCK - SHIBUYA	1/4-Φ16	1	000061
1-2	WATER COCK - GARDENA		1	044137
2	OIL SEAL	HMSA45609 (SUS)	2	043048
3	HEX. SOCKET BOLT	M5×30	3	043049
4	SPRING WASHER	5	3	042180
5	WASHER	ROUND 6	3	042157
6	SWIVEL RING		1	052612
7	SNAP RING	SA70	1	005081
8	O-RING	S56	1	005080
9	FIXING RING		1	052673
10-1	SPINDLE (U)		1	044220
10-2	SPINDLE (A)		1	044219
11	O-RING	P31	2	000151
12	SEAL RING		1	000152
13	SPRING PIN	6×12AW (SUS)	1	000004
14	BALL BEARING	6206DDU	2	000153
15	RING SPACER		1	044217
16	SNAP RING-C	29	2	000165
17	OIL SEAL	HMS40558	1	044221
18	HEX. SOCKET SCREW	M5×6	1	000447
19	GEAR CASE		1	052674
20	PLATE		1	044223
21	SHIFT POSITION STICKER		1	043059
22	HEX. SOCKET BOLT	M5×12 COUNTERSUNK	4	006508
23	STRIPPER BOLT	MSB6.5-20	1	006509
24	COIL SPRING		1	000171
25	KNOB		1	043061
26	PARALLEL PIN	A5×10	1	006559
27	O-RING	P12	1	053480
28	GEAR CHANGE SHAFT		1	044224
29	LEVER		1	044225
30	U-NUT	M8	1	000261
31	SHIM RING		2	006522
32	METAL BUSH		1	044226
33	NO. 10 GEAR		1	044227
34	NO. 8 GEAR		1	044228
35	SHIM RING		2	006526
36	NO. 6 GEAR		1	044229
37	METAL BUSH		1	044230
38	SNAP RING-C	22	1	006529
39	BALL BEARING	6303ZZ	2	000263
40	BALL BEARING	6201ZZ	3	000028
41	NO. 3 GEAR		1	044231
42	PARALLEL KEY	5×5×12 ROUND ENDS	1	042872
43	NO. 2 GEAR		1	042734
44	NO. 7-9 GEAR		1	044232
45	RING SPACER		1	044233
46	NO. 5 GEAR		1	044234
47	WASHER		2	043073
48	METAL		1	042739
49	NO. 4 GEAR		1	044235
50	CLUTCH		1	043074
51	SPRING WAHSER	MDS18-2	6	000014
52	RING SPACER		1	041775
53	TWIN FU NUT	TFU03SC	1	041776
54	RUBBER GASKET		1	044918
55	HEX. SOCKET PLUG	1/8	1	005386
56	BALL BEARING COVER		1	052675
57	HANDLE FIXTURE		1	044238
58	HEX. SOCKET BUTTON BOLT	M8×20	2	044240

POS	PART NAME	NOTE	QTY	CPT CODE
59	SPRING WASHER	2-8	4	000283
60	HEX. SOCKET BOLT	M8×70	4	001499
61	HANDLE SHAFT		1	044239
62	O-RING	S32	1	005389
63	BALL BEARING	6201HP	1	045618
64-1	ARMATURE 220-240V		1	
64-2	ARMATURE 110-120V		1	
65	COLLAR		1	042152
66	BALL BEARING	6200DDW	1	045620
67	FAN CASING		1	043080
68	TAPPING SCREW PANHEAD	5×85	2	043081
69-1	FIELD COIL 220-240V		1	052595
69-2	FIELD COIL 110-120V		1	053067
70	DUSTPROOF SEAL		1	052033
71	MOTOR HOUSING W/DUSTPROOF SEAL		1	051948
72	WASHER	6	4	042157
73	SPRING WASHER	2-6	4	042158
74	TAIL COVER		1	051949
75	TAPPING SCREW PANHEAD	5×20	4	042161
76	BRUSH HOLDER		2	042162
78	SCREW TRUSS PC	4×14	2	042163
79	CARBON BRUSH		2	049626
80	BRUSH COVER		2	051929
81	TAPPING SCREW PANHEAD	4×20	2	042166
82-1	MOTOR NAME PLATE 220-240V		2	
82-2	MOTOR NAME PLATE 110-120VV		2	
84	DUST COVER	NRAR	1	000131
85-1	CIRCUIT PROTECTOR 220-240V	NRAR1100-15AAA	1	001944
85-2	CIRCUIT PROTECTOR 110-120V	NRAR1100-30ADA	1	044977
86	FASTEN TERMINAL		2	000057
87	CAP		2	000056
88	TAPPING SCREW PANHEAD	4×16	2	005495
89-1	CORD FIXER 220-240V		1	042177
89-2	CORD FIXER 110-120V		1	044747
90-1	PLUG WITH CABLE & PRCD	220-240V EU/ASIA	1	042218
90-2	PLUG WITH CABLE & PRCD	220-240V DK	1	042783
90-3	PLUG WITH CABLE & PRCD	220-240V SA	1	050972
90-4	PLUG WITH CABLE & PRCD	220-240V AU	1	051170
90-5	PLUG WITH CABLE	110-120V US	1	043121
90-6	PLUG WITH CABLE	110V UK	1	053048
90-7	PLUG WITH CABLE	110-120V TW	1	045969
91	SCREW PANHEAD W/SW	M3×8	2	043093
92	WASHER	3	2	043094
93	SWITCH BOX		1	043492
94	SCREW PANHEAD B TIGHT	4×30	2	042171
95	CABLE SLEEVE		1	052825
96-1	TERMINAL w/ INSULATION	FVD2-M4 / 220-240V AND UK	1	045679
96-2	TERMINAL w/ INSULATION	FV5.5-S4 / 110-120V US/TW	1	043096
97	SCREW PANHEAD W/SW	M4×8	1	000706
98-1	CONDENSER	0.1μF/220-240V	1	000059
98-2	CONDENSER	0.1μF/110V UK	2	000059
99-1	CLOSED-END CONNECTOR	5.5SD / 220-240V	2	000055
99-2	CLOSED-END CONNECTOR	5.5SD / 110-120V US TW	3	000055
99-3	CLOSED-END CONNECTOR	5.5SD / 110V UK	2	000055
100-1	LEAD WIRE 220-240V		1	043135
100-2	LEAD WIRE 110-120V		2	043097
101	LABEL		1	052180
107	HEX. SOCKET BOLT	M6×35	4	043540
120-1	ARMATURE ASSY 220-240V	63+64+65+66	1	052594
120-2	ARMATURE ASSY 110-120V	63+64+65+66	1	048208

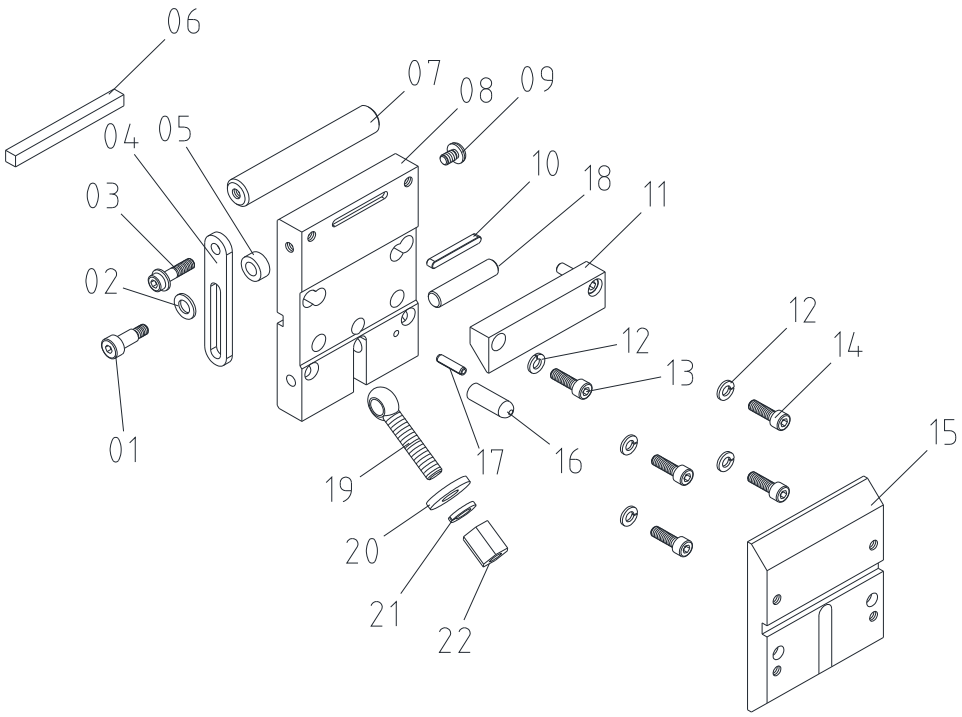
CARRIAGE BLOCK FOR H2531



POS	PART NAME	NOTE	QTY	CPT CODE
1	SNAP RING-C	17	4	000272
2	BALL BEARING	6003DDU	8	000484
3	RING SPACER		4	044305
4	2G		1	044306
5	3G		1	044307
6	PINION SHAFT - DIRECT DRIVE		1	044308
7	PARALLEL KEY ROUND ENDS	5×5×16	1	044309
8	PARALLEL KEY ROUND ENDS	5×5×25	1	044310
9	RING SPACER		1	044311
10	BACK COVER		1	044312
11	HEX. SOCKET SCREW	M6×12	8	042123
12	SPRING WASHER	2-8	10	042824
13	HEX. SOCKET BOLT	M8×45	8	044314
14	HANDLE FIXTURE		1	044238
15	HEX. SOCKET BUTTON BOLT	M8×20	2	044240
16	HEX. SOCKET BOLT	M8×25	2	044315
17	HANDLE SHAFT		1	044239
18	SCREW TRUSS HEAD	M6×6	4	004733
19	HEX. SOCKET BOLT	M6×20	2	043104
20	SPRING WASHER	6 FOR CAP SCREW	2	000083
21	STOPPER PLATE		1	044316

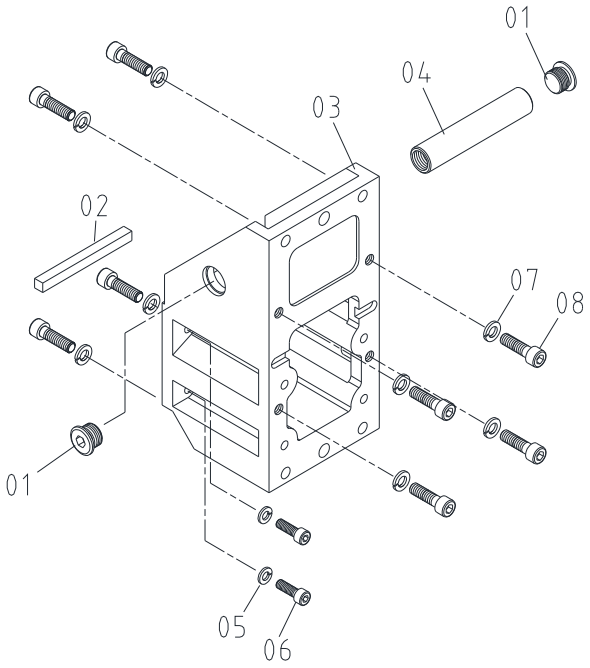
POS	PART NAME	NOTE	QTY	CPT CODE
22	CLAMP LEVER	LDMS-8×50-CR	1	044317
23	RING SPACER		1	044318
24	PINION SHAFT - REDUCTION DRIVE		1	044319
25	METAL BUSH	DUB1508	8	044320
26	ROLLER (R)		4	044321
27	ROLLER SHAFT (R)		4	044322
28	PARALLEL KEY	10×10×120	1	044323
29	SCREW COUNTERSUNK	M4×10	6	000712
30	ROLLER END PLATE		2	044324
31	HEX. NUT	M12	4	044325
32	HEX. SOCKET SCREW	M12×45	2	044326
33	HELICOIL	M12×1.5D	4	000740
34	CARRIAGE MAIN BODY		1	052743
35	GUIDE PLATE		1	044329
36	ROLLER SHAFT(LR)		4	044330
37	SNAP RING-S	ISTW-15	4	041732
38	METAL BUSH	DUB1515	12	044331
39	ROLLER (F&LR)		12	044332
40	ROLLER SHAFT (F)		2	044333
41	HEX SOCKET SCREW	M12×35	2	044334
42	LABEL		1	

QUICK RELEASE SPACER



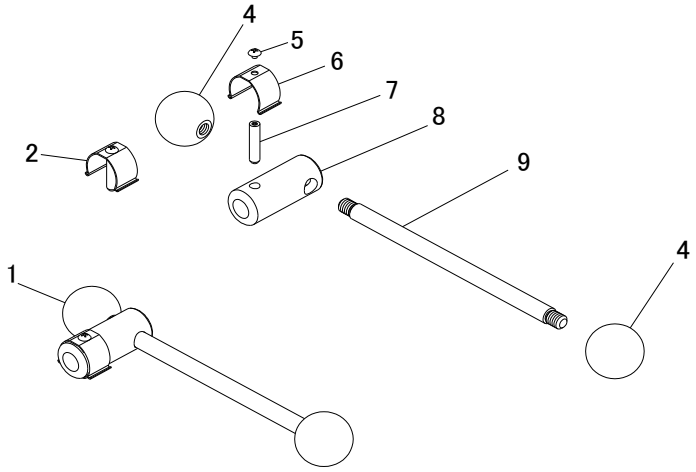
POS	PART NAME	NOTE	QTY	CPT CODE
1	STRIPPER BOLT	MSB10-LC17.2	1	044339
2	SPACER RING		1	044340
3	HEX. SOCKET BOLT FLANGED	M8×25	1	047746
4	ARM PLATE		1	044341
5	SPACER RING		1	044342
6	PARALLEL KEY		1	042952
7	HANDLE SHAFT		1	044343
8	PLATE MOTOR SIDE		1	044344
9	HEX. SOCKET SCREW	M8×12	1	044345
10	PARALLEL KEY	6×6×50 ROUND ENDS	1	043496
11	WEDGE		1	043497
12	SPRING WASHER	8 FOR CAP SCREW	6	000279
13	HEX. SOCKET BOLT	M8×30	2	044711
14	HEX. SOCKET BOLT	M8×25	4	044315
15	PLATE CARRIAGE SIDE		1	044346
16	PIN		1	043498
17	SPRING PIN	6×22AW	1	044347
18	SHAFT		1	043494
19	EYE BOLT	W1/2×65 SUS	1	044348
20	PLAIN WAHSER		1	043500
21	SPRING WASHER	2 W1/2	1	043501
22	LONG NUT	W1/2×25	1	043502

130MM SPACER



POS	PART NAME	NOTE	QTY	CPT CODE
1	PLUG	1/2	2	044349
2	PARALLEL KEY		1	042952
3	SPACER BLOCK BODY 130MM		1	052745
4	HANDLE SHAFT		1	044352
5	SPRING WASHER	8 FOR CAP SCREW	4	000279
6	HEX.SOCKET BOLT	M8×30	4	000284
7	SPRING WASHER	10 FOR CAP SCREW	4	044335
8	HEX. SOCKET BOLT	M10×35	4	044336

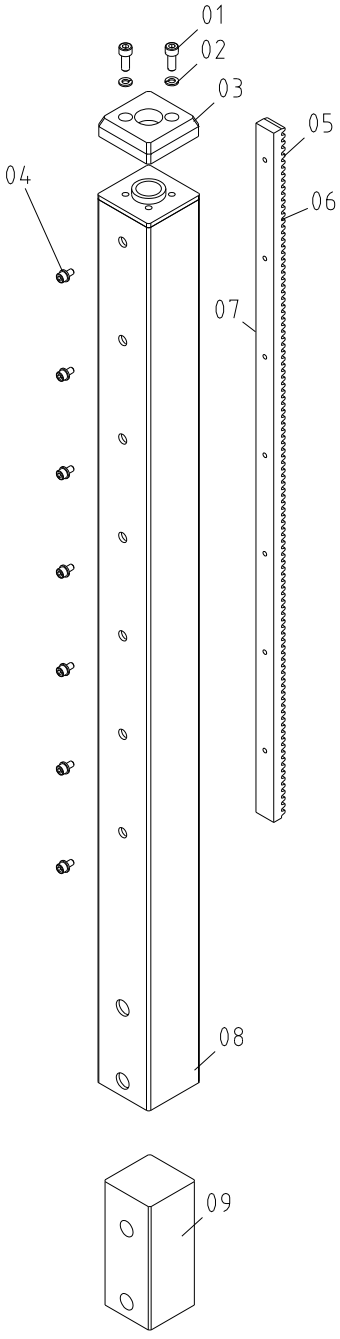
QUICK RELEASE HANDLE

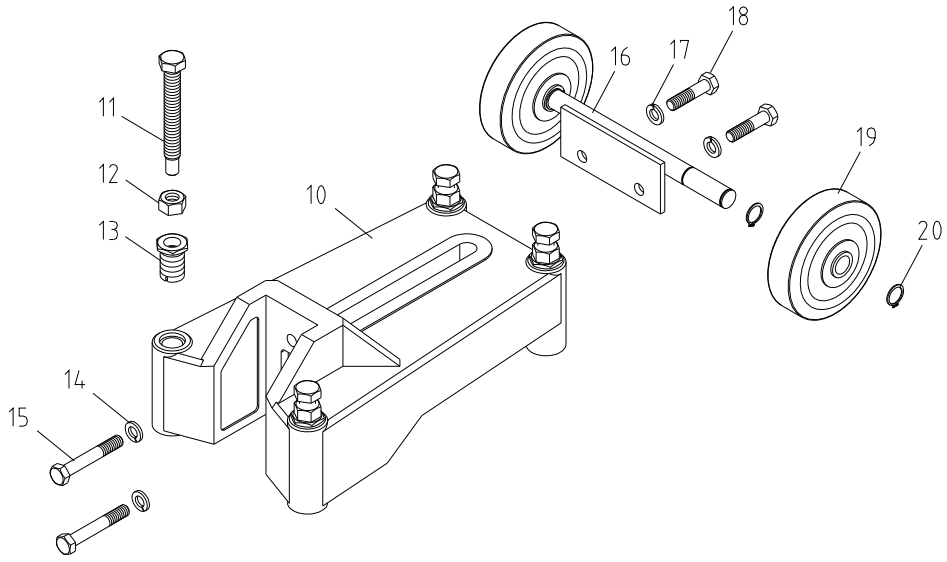


POS	PART NAME	NOTE	QTY	CPT CODE
1	Q.R.HANDLE CPL.		1	042959
2	RETAINER COMPLETE		1	006095
4	GRIP BALL DIA.45		2	042113
5	SCREW	M5×6(SUS)	1	006091
6	SPRING		1	006092
7	PIN		1	006093
8	HANDLE BODY		1	006094
9	HANDLE ROD		1	000492

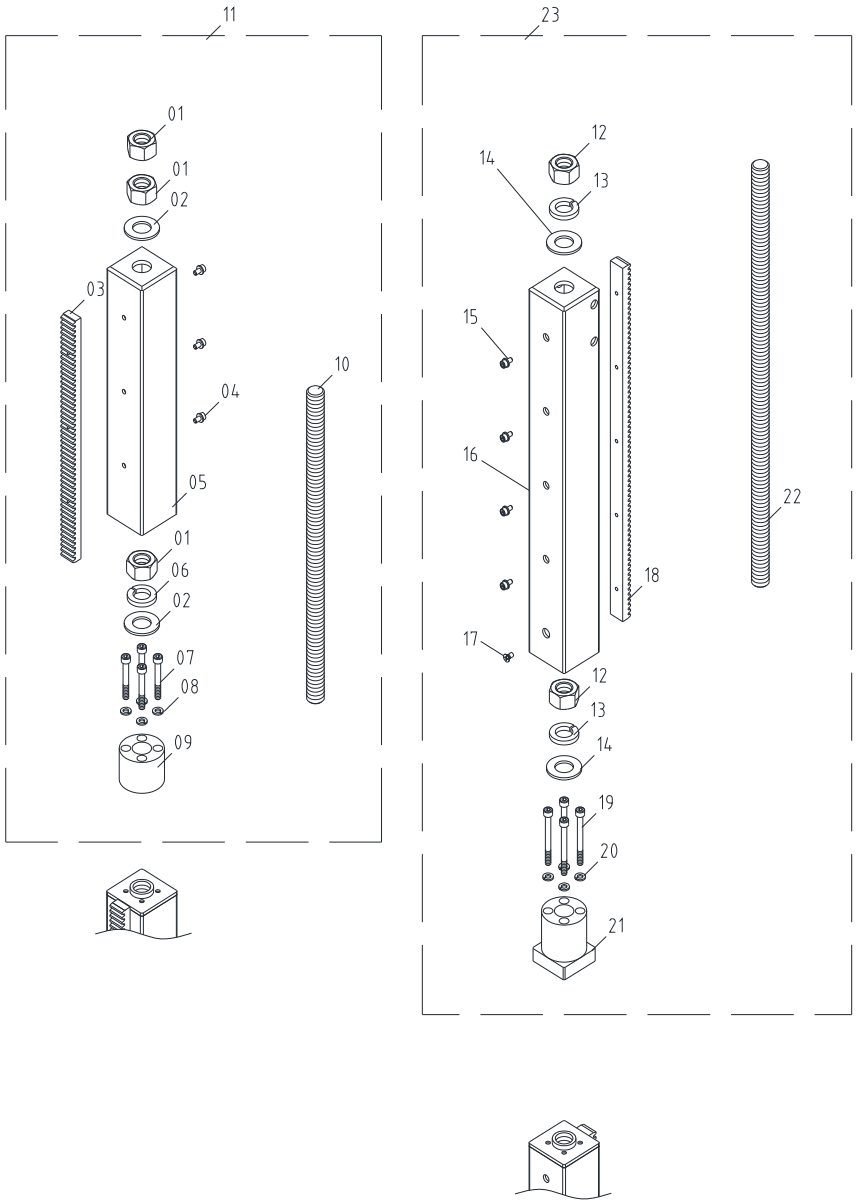
TS-605 BASE AND COLUMN

POS	PART NAME	NOTE	QTY	CPT CODE
1	HEX SOCKET BOLT	M8×20	2	044356
2	SPRING WASHER	8 FOR CAP SCREW	2	000279
3	GUIDE CAP		1	044357
4	HEX SOCKET BOLT	M6×12	7	004672
5	RACK GEAR		1	044358
6	DEPTH GAUGE DECAL (mm)		1	000520
7	DEPTH GAUGE DECAL (inch)	US	1	044497
8	COLUMN		1	044360
9	CORE BLOCK		1	044363
10	BASE PLATE		1	044364
11	LEVELING BOLT	M16	4	044368
11	LEVELING BOLT	5/8	4	044369
12	HEX. NUT	1-M16	4	042967
12	HEX. NUT	5/8-11 UNC	4	044370
13	HEX. BOSS	M16	4	042968
13	HEX. BOSS	5/8	4	044371
14	SPRING WASHER	2-16	2	043393
15	HEX. BOLT 5/8	5/8-11UNC L=100	2	044366
16	WHEEL SHAFT W/PLATE		1	006589
17	SPRING WASHER	2-12	2	042098
18	HEX. BOLT	M12×50	2	044367
19	WHEEL	VS-130	2	006588
20	SNAP RING-C	20	4	000450





SWIVEL TOP AND EXTENSION COLUMN



POS	PART NAME	NOTE	QTY	CPT CODE
1	HEX. NUT	1-8UNC	2	044537
2	PLAIN WASHER	W-1	2	044539
3	RACK GEAR		1	044554
4	HEX. SOCKET BOLT w/SW	M6×12	3	004672
5	SWIVEL TOP BODY		1	044553
6	SPRING WASHER	W-1	1	044538
7	HEX. SOCKET BOLT	M8 x 60	4	000756
8	SPRING WASHER	8 FOR CAP SCREW	4	000279
9	SWIVEL TOP MOUNT		1	044555
10	THREADED BOLT	1-8UNC L500	1	044556
11	SWIVEL TOP CPL.	1-10	1	044523

POS	PART NAME	NOTE	QTY	CPT CODE
12	HEX. NUT	1-8UNC	2	044537
13	SPRING WASHER	W-1	2	044538
14	PLAIN WASHER	W-1	2	044539
15	HEX. SOCKET BOLT w/SW	M6 x12	3	004672
16	EXTENSION COLUMN BODY		1	044541
17	HEX. SOCKET TRUSS BOLT	M6 x 12	1	044540
18	RACK GEAR		1	044542
19	HEX. SOCKET BOLT	M8 x 80	4	001510
20	SPRING WASHER	8 FOR CAP SCREW	4	000279
21	EXTENSION COLUMN MOUNT		1	044544
22	THREADED BOLT	1-8UNC L680	1	044545
23	EXTENSION COLUMN CPL.	12-22	1	044522

EU DECLARATION OF CONFORMITY

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
declares, in sole responsibility, that the following equipment

Drill Stand Model TS-605 with H2531 Drill Motor (110 V), Country of Origin : Japan
Drill Stand Model TS-605 with H2531 Drill Motor (220-240 V), Country of Origin : Japan

Serial No.:

Referred to in this declaration conforms with the following directive(s):

Machinery Directive **2006/42/EC**, Annex I, Annex IIA
Harmonized standards: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010

EMC Directive **2014/30/EU**
Harmonized standards: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000

RoHS Directive **2011/65/EU**

Authorized representative / Importer in UK;

DYMATEC LTD
Units 11-14 Cemetery Road, Houghton Regis, Bedfordshire, LU5 5BZ, United Kingdom
Mr. Jeremy David Newton

The person authorized to compile the technical file;
Mr. Jeremy David Newton
Units 11-14 Cemetery Road, Houghton Regis, Bedfordshire, LU5 5BZ, United Kingdom

Note: This declaration becomes invalid if technical or operational modifications are introduced without the manufacturer's consent.

Hiroshima, 6/2019
Kazuyoshi Shibuya, Director
SHIBUYA COMPANY, LTD.

UK DECLARATION OF CONFORMITY

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
declares, in sole responsibility, that the following equipment

Drill Stand Model TS-605 with H2531 Drill Motor (110 V), Country of Origin : Japan

Serial No.: 2240001 - UP

referred to in this declaration conforms with the following regulation(s):

The Supply of Machinery (Safety) Regulations 2008
Harmonized standards: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010
The Electromagnetic Compatibility Regulations 2016
Harmonized standards: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000
The Restriction of the Use of Certain Hazardous Substances
in Electrical and Electronic Equipment Regulations 2012

Authorized representative / Importer in UK;

DYMATEC LTD
Units 11-14 Cemetery Road, Houghton Regis, Bedfordshire, LU5 5BZ, United Kingdom
Mr. Jeremy David Newton

The person authorized to compile the technical file;
Mr. Jeremy David Newton
Units 11-14 Cemetery Road, Houghton Regis, Bedfordshire, LU5 5BZ, United Kingdom

Note: This declaration becomes invalid if technical or operational modifications are introduced without the manufacturer's consent.

Hiroshima, 4/2022
Kazuyoshi Shibuya, President & CEO
SHIBUYA COMPANY, LTD.

EU DECLARATION OF CONFORMITY

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
declares, in sole responsibility, that the following equipment

Drill Stand Model TS-605 with H2531 Drill Motor (110 V), Country of Origin : Japan
Drill Stand Model TS-605 with H2531 Drill Motor (220-240 V), Country of Origin : Japan

Serial No.:

Referred to in this declaration conforms with the following directive(s):

Machinery Directive **2006/42/EC**, Annex I, Annex IIA
Harmonized standards: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010
EMC Directive **2014/30/EU**
Harmonized standards: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000
RoHS Directive **2011/65/EU**

Authorized representative / Importer in UK;

DIAQUIP
Unit 1, Whitefield Road Ind. Est, Bredbury, Stockport SK6 SQR. United Kingdom

The person authorized to compile the technical file;
Mr. Jonathan Shaw
Unit 1, Whitefield Road Ind. Est, Bredbury, Stockport SK6 SQR. United Kingdom

Note: This declaration becomes invalid if technical or operational modifications are introduced without the manufacturer's consent.

Hiroshima, 6/2019
Kazuyoshi Shibuya, Director
SHIBUYA COMPANY, LTD.

UK DECLARATION OF CONFORMITY

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
declares, in sole responsibility, that the following equipment

Drill Stand Model TS-605 with H2531 Drill Motor (110 V), Country of Origin : Japan

Serial No.: 2240001 - UP

referred to in this declaration conforms with the following regulation (s):

The Supply of Machinery (Safety) Regulations 2008
Harmonized standards: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010
The Electromagnetic Compatibility Regulations 2016
Harmonized standards: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000
The Restriction of the Use of Certain Hazardous Substances
in Electrical and Electronic Equipment Regulations 2012

Authorized representative / Importer in UK;

DIAQUIP
Unit 1, Whitefield Road Ind. Est, Bredbury, Stockport SK6 SQR. United Kingdom

The person authorized to compile the technical file;
Mr. Jonathan Shaw
Unit 1, Whitefield Road Ind. Est, Bredbury, Stockport SK6 SQR. United Kingdom

Note: This declaration becomes invalid if technical or operational modifications are introduced without the manufacturer's consent.

Hiroshima, 4/2022
Kazuyoshi Shibuya, President & CEO
SHIBUYA COMPANY, LTD.

DECLARATIE DE CONFORMITATE EU

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
declară pe proprie răspundere că următoarele echipamente :

Stand de carotare TS-605 cu Motor de carotare H2531 (220-240 V), tara de origine: Japonia

Seria Nr.:

Respecta urmatoarele directive europene:

Directiva **2006/42/EC**, Annex I, Annex IIA privind echipamentele tehnice
Standardele armonizate : EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010

Directiva EMC **2014/30/EU**
Standardele armonizate: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000

Directiva RoHS **2011/65/EU**

Reprezentant autorizat/Importator in Romania:

ANTREPRIZA CONTRACTON SRL
STR. FRUMUSANI, NR. 12, BL. 100, SC.2, AP 63,
SECTOR 4, BUCURESTI, ROMANIA
MR. DANIEL TELER

Persoana autorizata sa intocmeasca fisa tehnica:

MR. DANIEL TELER
STR. FRUMUSANI, NR. 12, BL. 100, SC.2, AP 63,
SECTOR 4, BUCURESTI, ROMANIA

Nota: Această declarație devine nulă în cazul în care modificările tehnice sau operaționale sunt introduse fără acordul producătorului.

Hiroshima, 6/2019
Kazuyoshi Shibuya, Director
SHIBUYA COMPANY, LTD.

UE – DEKLRACJA ZGODNOŚCI

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPONIA
oświadcza, na własną i wyłączną odpowiedzialność, że następujący sprzęt:

Statyw wiertarki Model TS-605 z silnikiem H2531 (220-240 V), Kraj pochodzenia : Japonia

Numer seryjny:

o którym mowa w niniejszej deklaracji spełnia następujące dyrektywy:

Dyrektywę Maszynową **2006**/**42**/**EC**, Annex I, Annex IIA
Ujednolicone normy: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010
Dyrektywa dotyczy kompatybilności elektromagnetycznej **2014**/**30**/**EU**
Ujednolicone normy: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000
Dyrektywę RoHS **2011**/**65**/**EU**

Autoryzowany przedstawiciel / Importer w Polsce;

BETON-TECHNIK
Ul.28 Czewca 56r. Nr. 159/1, 61-505 Poznan, Polska

Osoba upoważniona do wykonania dokumentacji technicznej;

Pana Kazimierza Lewandowskiego
Ul.28 Czewca 56r. Nr. 159/1, 61-505 Poznan, Polska

Uwaga: Niniejsza deklaracja staje się nieważna jeśli bez zgody producenta wprowadzone zostały modyfikacje techniczne lub operacyjne.

Hiroshima, 6/2019
Kazuyoshi Shibuya, Dyrektor
SHIBUYA COMPANY, LTD.

EU SAMSVARSERKLÆRING

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
erklærer, på eget ansvar, at følgende utstyr:

Borstativ Modell TS-605 med H2531 motorenhet (220-240 V), Varens opprinnelsesland:Japan

Serienummer:

Nevnt i denne erklæring er i samsvar med følgende direktiv(er)

Maskin direktiv **2006**/**42**/**EC**, Annex I, Annex IIA
Harmonisert standard: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010
EMC Direktiv **2014**/**30**/**EU**
Harmonisert standard: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000
RoHS Direktiv **2011**/**65**/**EU**

Importør i Norge

LEVANTO NORGE AS
PER KROHGS VEI 4C
1065 OSLO
NORWAY
MR. PATRICK SANDMAN
TLF : +47 22 90 61 50

Personen som er autorisert til å samle og dokumentere teknisk informasjon;

LEVANTO OY
Venevalkamantie 5, 02700 Kauniainen, Finland

Merk: Denne deklarasjonen blir ugyldig om tekniske eller operasjonelle modifikasjoner blir utført uten produsentens tillatelse.

Hiroshima, 6/2019
Kazuyoshi Shibuya, Direktør
SHIBUYA COMPANY, LTD.

EU OVERENSSTEMMELSESERKLÆRING

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
Erklærer hermed, under eget ansvar, at det følgende udstyr

Borestander Model TS-605 med H2531 Boremotor (220-240 V), Oprindelsesland : Japan

Serienummer:

Henvist til I denne erklæring, er I overensstemmelse med retningslinjerne I nedennævnte direktiver:

Maskindirektiv **2006/42/EC**, Annex I, Annex IIA
Harmoniserede standarder: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010
EMC-direktiv **2014/30/EU**
Harmoniserede standarder: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000
RoHS-direktiv **2011/65/EU**

Autoriseret repræsentant/forhandler og importør i DANMARK;

J.D. Diamantværktøj A/S
Glentevej 33, DK-4600 Køge, Denmark

Personen der er autoriseret til udarbejde/oversætte den tekniske fil;
Teknisk ansvarlig: Mr. Hans Henrik Danielsen
Glentevej 33, DK-4600 Køge, Denmark

Note: Denne erklæring anses for værende ugyldig, såfremt der er foretaget tekniske eller oprationelle modifikationer, uden producentens samtykke.

Hiroshima, 6/2019
Kazuyoshi Shibuya, Director
SHIBUYA COMPANY, LTD.

EY-VAATIMUSTENMUKAISUUSVAKUUTUS

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPANI
vakuuttaa omalla vastuullaan, että tässä vakuutuksessa mainitut laitteet:

Porakonejalusta, malli TS-605, H2531-moottorilla (220-240 V) varustettu porakone, alkuperämaa: Japani

Sarja No.:

ovat seuraavan direktiivin (seuraavien direktiivien) mukaisia:

Konedirektiivi **2006/42/EC**, Annex I, Annex IIA
Yhdenmukaiset standardit: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010

EMC-direktiivi **2014/30/EU**
Yhdenmukaiset standardit: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000

RoHS-direktiivi **2011/65/EU**

Valtuutettu edustaja Suomessa;

LEVANTO OY
Venevalkamantie 5, 02700 Kauniainen, Suomi

Teknillisten tiedostojen kääntämiseen valtuutettu henkilö;
Patrick Sandman
Venevalkamantie 5, 02700 Kauniainen, Suomi

Huomaa: Tämä vakuutus lakkaa olemasta voimassa, jos teknisiä tai käyttöön liittyviä muutoksia tehdään ilman valmistajan suostumusta.

Hiroshima, 6/2019
Kazuyoshi Shibuya, Toimitusjohtaja
SHIBUYA COMPANY, LTD.

DÉCLARATION DE CONFORMITÉ EU

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
déclare sous sa seule responsabilité que les équipements suivants :

Bâti de carottage TS-605 avec moteur de carottage H2531 (220-240 V), Pays d'origine : Japon

No de série:

Sont conformes aux directives européennes suivantes :

Directive Machines **2006/42/EC**, Annex I, Annex IIA
Normes harmonisées: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010

Directive CEM **2014/30/EU**
Normes harmonisées: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000

Directive RoHS **2011/65/EU**

Représentant autorisé / Importateur en France;

PEUVREL OUTILS DIAMANTÉS
35 rue La Maison-Neuve, 35270 BONNEMAIN, FRANCE

La personne autorisée à compiler le dossier technique;
Mr. Julien Peuvrel
35 rue La Maison-Neuve, 35270 BONNEMAIN, FRANCE

Note: Cette déclaration devient invalide si des modifications techniques ont lieu sans l'accord du fabricant.

Hiroshima, 6/2019
Kazuyoshi Shibuya, Directeur
SHIBUYA COMPANY, LTD.

EU SAMSVARSERKLÆRING

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
erklærer, på eget ansvar, at følgende utstyr:

Borstativ Modell TS-605 med H2531 Drivmotor (220-240 V), Varens opprinnelsesland:Japan

Serienummer:

Nevnt i denne erklæring i samsvar med følgende direktiv(er)

Maskin direktiv **2006/42/EC**, Annex I, Annex IIA
Harmonisert standard: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010

EMC Direktiv **2014/30/EU**
Harmonisert standard: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000

RoHS Direktiv **2011/65/EU**

Importør i Norge

SVERRE HELLUM & SØNN AS
LINDEBERG NAERINGSVEI 28, 1067 OSLO
NORWAY
MR. GLENN HELLUM
TEL : +47 23 17 81 00

Tekniskansvarlig for utforming av de tekniskefilene;
J.D. DIAMOND TOOLS A/S
GLENTEVEJ 33, DK-4600 KOGE, DENMARK

Merk: Denne deklarasjonen blir ugyldig om tekniske eller operasjonelle modifikasjoner blir utført uten produsentens tillatelse

Hiroshima, 11/2022
Kazuyoshi Shibuya, President & CEO
SHIBUYA COMPANY, LTD.

ES ATITIKTIES DEKLARACIJA

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPONIJA
Deklaruoja, kad sekantys gaminiai:

Gręžimo stovo modelis TS-605 su H2531 gręžimo varikliu (220-240 V), Kilmės šalis: Japonija

Serijos Nr.:

Atitinka sekančias direktyvas:

Mašinų direktyva **2006/42/EC**, Annex I, Annex IIA
Atitinka standartus: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010
Elektromagnetinio suderinamumo direktyva **2014/30/EU**
Atitinka standartus: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000
RoHS direktyva **2011/65/EU**

Autorizuotas atstovas / Importuotojas Lietuvoje;

MONTEZA UAB
Pranciškonų 4A-23, Lt-01133 Vilnius, Lietuva

Asmuo įgaliotas parengti techninę dokumentaciją;
Andrius Montvydas
Pranciškonų 4A-23, Lt-01133 Vilnius, Lietuva

Pastaba: ši deklaracija tampa negaliojanti jei techninės modifikacijos buvo atliktos be gamintojo sutikimo.

Hiroshima, 7/2021
Kazuyoshi Shibuya, Direktorius
SHIBUYA COMPANY, LTD.

UK DECLARATION OF CONFORMITY

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
declares, in sole responsibility, that the following equipment

Drill Stand Model TS-605 with H2531 Drill Motor (110 V), Country of Origin : Japan

Serial No.: 2240001 - UP

referred to in this declaration conforms with the following regulation(s):

The Supply of Machinery (Safety) Regulations 2008
Harmonized standards: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010
The Electromagnetic Compatibility Regulations 2016
Harmonized standards: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000
The Restriction of the Use of Certain Hazardous Substances
in Electrical and Electronic Equipment Regulations 2012

Authorized representative / Importer in UK;

GILES ENGINEERING (UK) LTD
Unit 6 Cathcart Court, 50 Cathcart Road, Rutherglen, South Lanrakshire G73 2RA,
Scotland, United Kingdom
Mr. Derek Cummings

The person authorized to compile the technical file;
Mr. Derek Cummings
Unit 6 Cathcart Court, 50 Cathcart Road, Rutherglen, South Lanrakshire G73 2RA,
Scotland, United Kingdom

Note: This declaration becomes invalid if technical or operational modifications are introduced without the manufacturer's consent.

Hiroshima, 2/2023
Kazuyoshi Shibuya, President & CEO
SHIBUYA COMPANY, LTD.

ESB-SAMRÆMISYFIRLÝSING

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
lýsir því yfir, á eigin ábyrgð, að eftirfarandi búnaður

Drill Stand Model (borstandur módel) TS-605 með H2531 Drill Motor (borvél) (220-240 V), Upprunaland: Japan

Raðnúmer.: 1960001 – UP

sem vísað er til í þessari yfirlýsingu, samræmist eftirfarandi tilskipunum::

Vélatilskipun **2006**/**42**/**EB**, viðauki I, viðauki IIA
Samhæfðir staðlar: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010

EMC-tilskipun **2014**/**30**/**ESB**
Samhæfðir staðlar: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000

RoHS-tilskipun **2011**/**65**/**ESB**

Innflytjandi á Íslandi;

DIAPRO EHF
BUGÐUFLJÓT 17A, MOSFELLSBÆR 270, ÍSLAND

Aðili með heimild til samantektar tækniskjals;
HR. HANS HENRIK DAMIELSEN
J.D. DIAMOND TOOLS A/S
GLENTEVEJ 33, DK-4600 KOGE, DANMÖRK

Ath.: Þessi yfirlýsing verður ógild ef tæknilegar breytingar eru gerðar án samþykkis framleiðanda.

Hiroshima, 1/2024
Kazuyoshi Shibuya, forseti og forstjóri
SHIBUYA COMPANY, LTD.

UK DECLARATION OF CONFORMITY

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
declares, in sole responsibility, that the following equipment

Drill Stand Model TS-605 with H2531 Drill Motor (110 V), Country of Origin : Japan

Serial No.: 2240001 - UP

referred to in this declaration conforms with the following regulation(s):

The Supply of Machinery (Safety) Regulations 2008
Harmonized standards: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010
The Electromagnetic Compatibility Regulations 2016
Harmonized standards: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000
The Restriction of the Use of Certain Hazardous Substances
in Electrical and Electronic Equipment Regulations 2012

Authorized representative / Importer in Ireland;

Erlin Business Company Ltd T/A Concrete Care
Staybarr House Kylemore Park North
Dublin 10, Ireland

The person authorized to compile the technical file;
Mr. Romas Petrovas
Staybarr House Kylemore Park North
Dublin 10, Ireland

Note: This declaration becomes invalid if technical or operational modifications are introduced without the manufacturer's consent.

Hiroshima, 6/2024
Kazuyoshi Shibuya, President & CEO
SHIBUYA COMPANY, LTD.

ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ

SHIBUYA COMPANY, LTD.
5-86, MOKUZAIKO-KITA, HATSUKAICHI, HIROSHIMA 738-0021 JAPAN
δηλώνει, με αποκλειστική ευθύνη, ότι ο ακόλουθος εξοπλισμός

Μονάδα διαμαντοτρύπανου με βάση TS-605 και Κινητήρα H2531 (220-240 V), Χώρα Προέλευσης: Ιαπωνία

Σειριακός αριθμός: 1960001 – UP

που αναφέρεται σε αυτή τη δήλωση συμμορφώνεται με τις ακόλουθες οδηγίες:

Οδηγία Μηχανών **2006/42/ΕΚ**, Παράρτημα I, Παράρτημα IIA
Πρότυπα εναρμόνισης: EN 62841-1:2015, EN 62841-3-6:2014
EN ISO 12100:2010
Οδηγία EMC **2014/30/ΕΕ**
Πρότυπα εναρμόνισης: EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:1997+A1:2001+A2:2008
EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61000-3-11:2000
Οδηγία RoHS **2011/65/ΕΕ**

Εισαγωγέας στην Ελληνική Δημοκρατία:

SARRIS MACHINERY SA
Papagianni Skoula and Irakli, 71305 Heraklion Crete, Greece

Το άτομο που έχει εξουσιοδοτηθεί να συντάξει τον τεχνικό φάκελο:
Mr. Theodoros Sarris
Papagianni Skoula and Irakli, 71305 Heraklion Crete, Greece

Σημείωση: Αυτή η δήλωση καθίσταται άκυρη εάν εισαχθούν τεχνικές ή λειτουργικές τροποποιήσεις χωρίς τη συγκατάθεση του κατασκευαστή.

Hiroshima, 6/2024
Kazuyoshi Shibuya, Πρόεδρος και Διευθύνων Σύμβουλος
SHIBUYA COMPANY, LTD.


SHIBUYA