



FICHA TÉCNICA

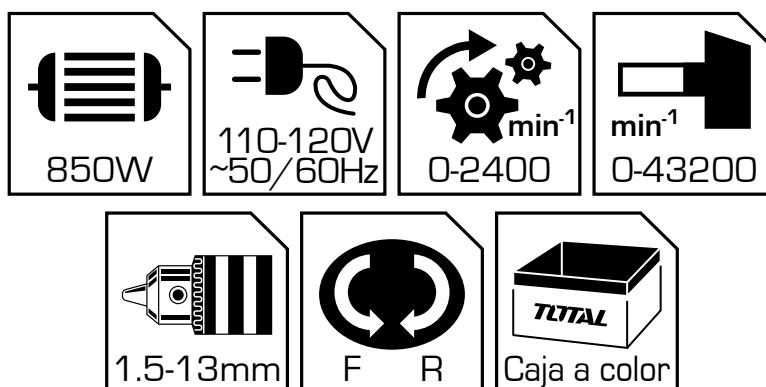
Producto: Taladro percutor 850W de 1/2" Total Tools

DESCRIPCIÓN: Taladro percutor 850W de 1/2" Total Tools de un voltaje de 110-120V~50/60Hz 110-120V~50/60Hz su potencia es 850W. Su velocidad sin carga es de 0-2400/min y su velocidad de impacto 0-43200/min. Posee un mandril de 1/2 e incluye interruptor cambio de velocidad retroceso/avance, función de percutor. Su peso es de 2.5 Kg. y tiene garantía de 1 año.

CÓDIGO: **UTG109136**

INDUSTRIAL

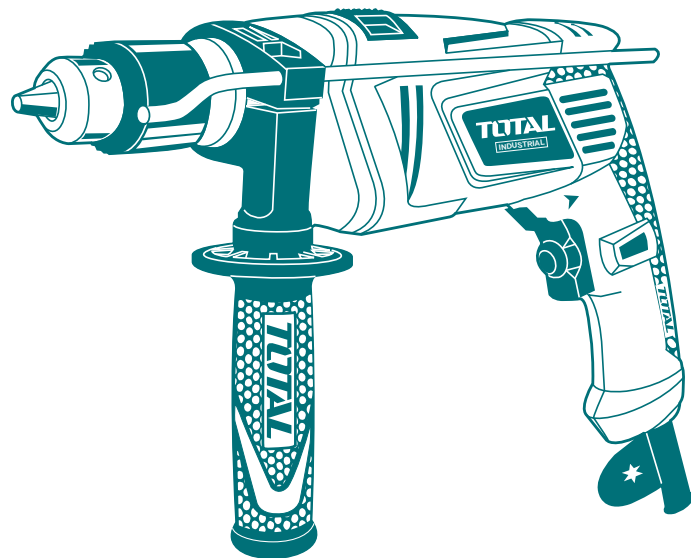
Marca: Total Tools	Incluye: Interruptor cambio de velocidad retroceso/avance, función de percutor.
Voltaje: 110-120V~50/60Hz 110-120V~50/60Hz	Peso: 2.5 Kg.
Potencia: 850W	Garantía: 1 año
Velocidad sin carga: 0-2400/min	Procedencia: Importado
Velocidad de impacto: 0-43200/min	
Mandril: 1/2"	



TOTAL

One-Stop Tools Station

TOTAL



IMPACT DRILL

www.totaltools.cn
TOTAL TOOLS CO., PTE. LTD.
MADE IN CHINA
T0918.V04

850W

TOTAL

One-Stop Tools Station

TOTAL

IMPACT DRILL

TG109136,UTG109136,TG109136E
TG109136-6,TG109136-8,TG109136S,TG109136-4

INDUSTRIAL



EN Impact Drill

ES Taladro De Impacto



850W

Safety Instructions

WARNING!

Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings listed below refers to your mains-operated (corded) power tool.

1) Work area

a) Keep work area clean and well lit.

Cluttered and 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.

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 safety equipment. Always wear eye protection.

Safety equipment such as dust mask, non-skid

safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) Avoid accidental starting. Ensure the switch is in the off-position before plugging in.

Carrying power tools with your finger on the switch or plugging in 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 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, clothing and gloves 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 these devices can reduce dust related hazards.

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 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. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use.

Many accidents are caused by poorly

Safety Instructions

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 and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.

Use of the power tool for operations different from intended could result in a hazardous situation.

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.

Additional safety instructions for your drill

1. Always wear ear protectors with impact drill. Exposure to noise can cause hearing loss.
2. Always wear eye protectors when using this impact drill.
3. Always use the auxiliary handles supplied with the tool. Loss of control can cause personal injury.
4. Always check walls and ceiling to avoid hidden power cables and pipes. A metal detector can be obtained from any good DIY store for this purpose.
5. Do not start the drill with the chuck key in chuck.
6. Make sure the power switch is not "on" before you plug in. Always switch off before you put your drill down.
7. Hold your impact drill firmly in both hands.
8. Make sure drill bit are tightened securely in chuck.
9. Do not use damaged or worn drill bits.
10. Use clamps or a vice to hold workpiece, if possible.

Double insulation:

The tool is double insulated. This means that all the external metal parts are electrically insulated from the mains power supply. This is done by placing insulation barriers between the electrical and mechanical components making it unnecessary for the tool to be earthed.

Important note

Ensure your mains supply voltage is the same as your tool rating plate voltage. Remove the mains plug from socket before carrying out any adjustment or servicing.

SYMBOLS



Read the manual



Warning



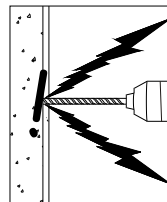
Wear eye protection



Wear ear protection



WEEE marking



Components, Specifications and Accessories



Components list

- | | |
|---------------------------------------|-----------------------------------|
| 1 Depth gauge | 6 Cable sleeve |
| 2 Chuck | 7 On/Off switch |
| 3 Locking screw for depth gauge | 8 Variable speed control |
| 4 Drill/Impact action selector switch | 9 Forward/reverse selector switch |
| 5 Switch lock button | 10 Auxiliary handle |

Technical Specifications

Model No.:	TG109136	UTG109136	TG109136-8(BS plug)	TG109136S(SAA plug)
Rated power input:	850W	850W	850W	850W
Rated voltage:	220-240V~50/60Hz	110-120V~60Hz	220-240V~50/60Hz	220-240V~50/60Hz
No-load speed:	0-2700/min	0-2400/min	0-2700/min	0-2700/min
Impact rate:	0-43200/min	0-38400/min	0-43200/min	0-43200/min
Chuck capacity:	1.5-13mm	1/16"-1/2"	1.5-13mm	1.5-13mm
Model No.:	TG109136-6(ISRAEL plug)	TG109136E	TG109136-4(IRAM plug)	
Rated power input:	850W	850W	850W	
Rated voltage:	220-240V~50/60Hz	220-240V~50/60Hz	220-240V~50/60Hz	
No-load speed:	0-2700/min	0-2700/min	0-2700/min	
Impact rate:	0-43200/min	0-43200/min	0-43200/min	
Chuck capacity:	1.5-13mm	1.5-13mm	1.5-13mm	

Double insulation:

Accessories:

1. Auxiliary handle 1pcs 2. Depth gauge 1pcs 3. Chuck key 1pcs 4. Carbon brushes 1set

Operation

Warning: Before using your drill be sure to read the instruction manual carefully.

Installing the auxiliary handle (see Dia1)

For your personal safety we recommend using the auxiliary handle at all times.

To fit the handle, loosen the locking screw for handle collar anti-clockwise. Slide clamping loop over the handle collar. Rotate the handle around the handle collar until the handle is in the desired position. Tighten the locking screw clockwise to secure the handle. If you are right handed fit the handle as shown in Dia2. If you are left handed fit the handle the other way round.

Installing the depth gauge (see Dia2)

The depth gauge can be used to set a constant depth to drill. To use the depth gauge, loosen the locking screw for gauge by rotating the auxiliary handle anti-clockwise. Insert the depth gauge through hole in handle. Slide the depth gauge to required depth and tighten the locking screw by rotating the locking screw clockwise.

Inserting a tool into chuck (see Dia3)

Warning: Before installing tool, remove mains plug from mains supply.

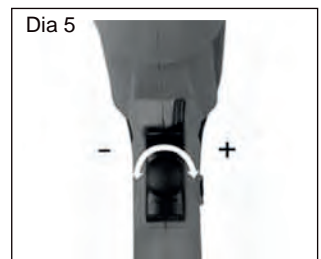
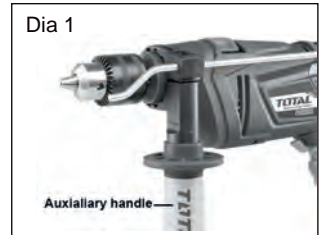
Remove chuck key from key storage tab at base of drill handle, place key into chuck, turn key anti-clockwise to undo/loosen chuck, inset drill/tool and firmly tighten chuck by turning key clockwise. Remove key and replace in storage tab at base of drill handle.

Operating the On/Off switch (see Dia4)

Press the on/off switch in for operation, release switch to stop. If you wish to use the drill continuously the switch lock button can be pushed in after the on/off switch has been depressed. To release the lock button simply depress on/off switch fully, the button will automatically release.

Variable speed control selector (see Dia5)

The maximum speed can be altered by turning the variable speed control. Turn clockwise to increase and anti-clockwise to decrease speed. The speed of the drill varies with the amount of pressure applied to the on/off switch, i.e. more pressure for higher speed.



Operation

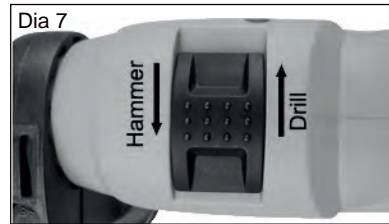
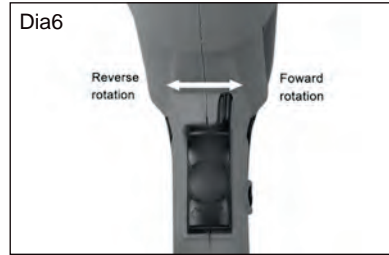
Changing rotational direction (see Dia6)

To change the rotational direction, push the forward/reverse selector switch to the "R" position indicated on your drill. The rotation will now be forward rotation. Push the forward/reverse selector switch to "L" position indicated on your drill. The rotation will be reverse rotation.

Note: Never move the forward/reverse switch whilst the drill is in operation or the on/off switch is locked as this will damage the drill.

Drill/Impact action switch (see Dia7)

When drilling masonry and concrete push the drill/impact action selector switch into the hammer position "←". When drilling wood, metal, plastic push the switch into the drill position "↕".



Maintenance and Troubleshooting

Working hints for your drill

1 Drilling masonry and concrete

Select the drill/impact action selector switch to the "hammer symbol" position. Tungsten carbide drill bits should always be used for drilling masonry, concrete etc with a high speed.

2 Drilling steel

Select the drill/impact action selector switch to the "drill symbol" position. HSS drill bits should always be used for drilling steel with a lower speed.

3 Screw driving

Select the drill/impact action selector switch to the "drill symbol" position. Use a low speed to drive in or remove screws.

4 Pilot holes

When drilling a large hole in tough material (i.e. steel), we recommend drilling a small pilot hole first before using a large drill bit.

5 Drilling tiles

Select the drill/impact action selector switch to the "drill symbol" position to drill the tile. When tile has been penetrated, switch over to "hammer symbol" position.

6 Cool the motor

If your power tool becomes too hot, set the speed to maximum and run no load for 2-3 minutes to cool the motor.

Maintenance

- 1 Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool.
- 2 Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth.
- 3 Always store your power tool in a dry place.
- 4 Keep the motor ventilation slots clean.
- 5 If you see some sparks flashing in the ventilation slots, this is normal and will not damage your power tool.
- 6 If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.

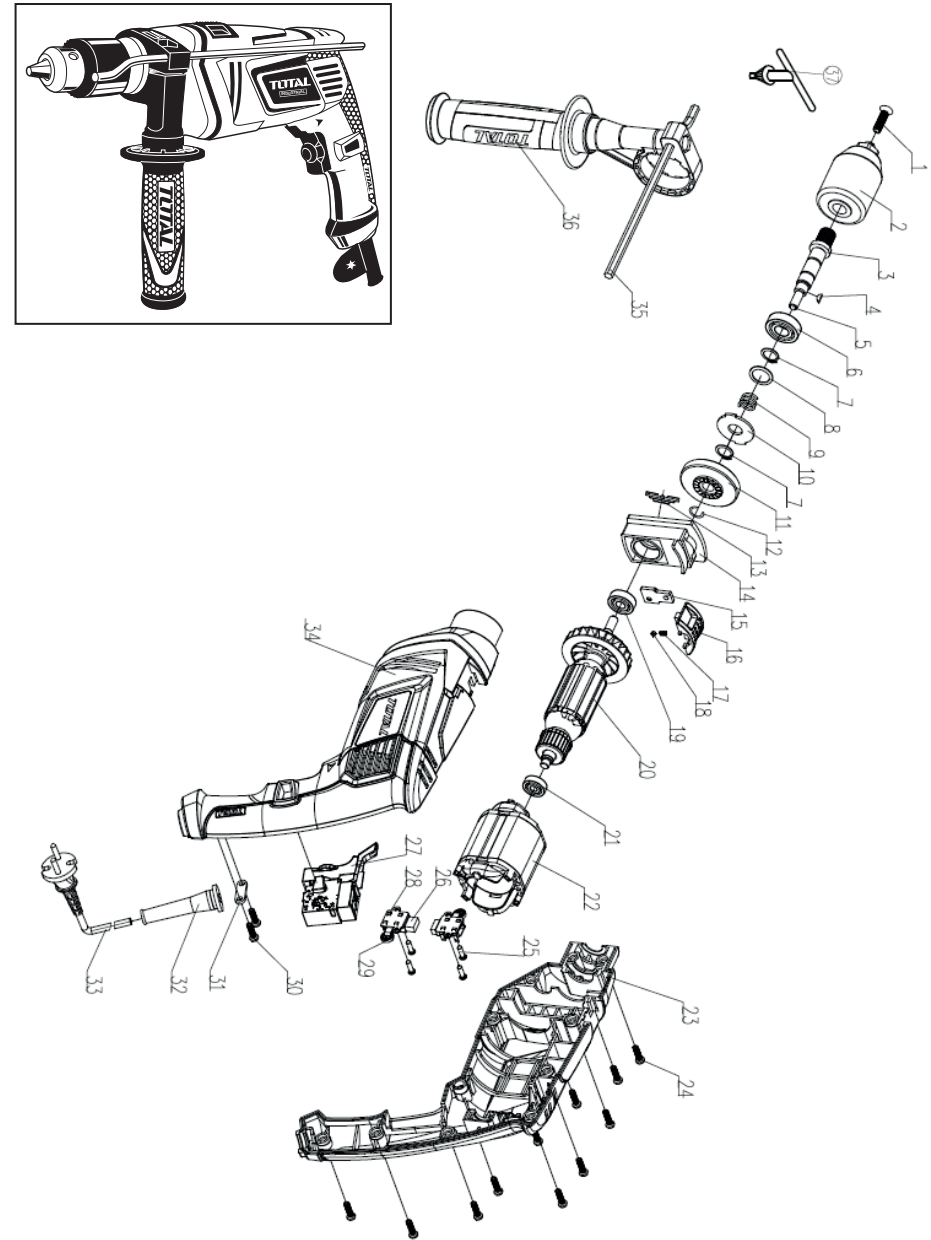
Troubleshooting

- 1 If your drill will not operate, check the power at the mains plug.
- 2 If the drill is not cutting properly, check the drill bit for sharpness, replace drill bit if worn. Check that the drill is set to forward rotation for normal use.
- 3 If a fault can not be rectified return the drill to qualified repair personnel for service.

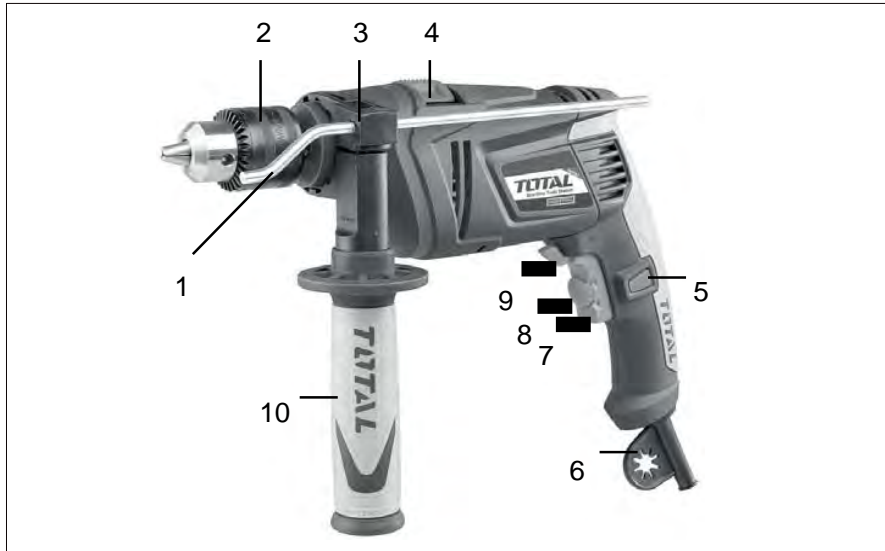
TG109136,UTG109136,TG109136E,TG109136-6,
TG109136-8,TG109136S,TG109136-4 Spare part list

NO.	Part Description	Qty
1	Screw M6*25 Left	1
2	chuck	1
3	output spindle	1
4	Semicircular Key 3*10	1
5	steel ball 5	1
6	ball bearing 6001/C3-ZRS	1
7	circlip 12	2
8	saucer I	1
9	spring1*13.6*23	1
10	saucer II	1
11	gear	1
12	Circlip 10	1
13	oil shield	1
14	support	1
15	slip plate drill/impact selector	1
16	drill/impact selector	1
17	spring0.5*3.5*9.5	1
18	steel ball 4	1
19	ball bearing 608/C3-2Z	1
20	rotor	1
21	ball bearing607/C3-2Z	1
22	stator	1
23	right housing	1
24	Screw ST4.2*16	11
25	screw ST2.9*12	4
26	carbon brush	2
27	Switch	1
28	brush holder	2
29	spring	2
30	Inductance	1
31	capacitor	1
32	screw ST4.2*13	2
33	cord clamp	1
34	Cord protector	1
35	cord and plug	1
36	left housing	1
37	Depth gauge	1
38	Auxillary handle assembly	1

TG109136,UTG109136,TG109136E,TG109136-6,
TG109136-8,TG109136S,TG109136-4 Exploding view



Componentes, especificaciones y Accesorios



Listado de componentes

- | | |
|-------------------------------------|---------------------------------|
| 1 Profundimetro | 6 Porta llave de broquero |
| 2 Portabrocas | 7 Interruptor |
| 3 Seguro de profundimetro | 8 Control de velocidad variable |
| 4 Selector acción rotación/percutor | 9 Selector de giro |
| 5 Botón de bloqueo de interruptor | 10 Manija auxiliar |

Especificaciones técnicas

Model No.:	TG109136	UTG109136	TG109136-8(BS plug)	TG109136S(SAA plug)
Potencia nominal	850W	850W	850W	850W
Voltaje:	110-120V~60Hz	110-120V~60Hz	220-240V~50/60Hz	220-240V~50/60Hz
velocidad vacio	0-2700/min	0-2400/min	0-2700/min	0-2700/min
Golpes x minuto	0-43200/min	0-38400/min	0-43200/min	0-43200/min
Broquero	1.5-13mm	1/16"-1/2"	1.5-13mm	1.5-13mm

Model No.:	TG109136-6(ISRAEL plug)	TG109136E	TG109136-4(IRAM plug)
Rated power input:	850W	850W	850W
Rated voltage:	220-240V~50/60Hz	220-240V~50/60Hz	220-240V~50/60Hz
No-load speed:	0-2700/min	0-2700/min	0-2700/min
Impact rate:	0-43200/min	0-43200/min	0-43200/min
Chuck capacity:	1.5-13mm	1.5-13mm	1.5-13mm

Doble aislamiento:

Accesorios: Manija auxiliar 1pz Profundimetro 1pz. LLave 1pz Carbones 1 jgo.

Operación

⚠ Advertencia: Antes de usar su taladro, asegúrese de leer atentamente el manual de instrucciones..

Instalación de la manija auxiliar (ver Dia1) Para su seguridad personal, recomendamos usar la manija auxiliar en todo momento. Para montar el mango, afloje el tornillo de fijación en el sentido antihorario. Deslice el collarin de sujeción sobre cuello del taladro. Gire la manija alrededor del cuello en la posición deseada. Ajuste el tornillo de bloqueo en sentido horario para fijar el mango. Si es diestro, ajuste la manija como se muestra en Dia2. Si usted es zurdo, ajuste el mango al revés

Instalando el profundimetro (vea Dia2)

El profundimetro puede ser usado como tope para realizar agujeros con una medida especifica. Para colocar el profundimetro desajuste la manija auxiliar, luego introduzca el profundimetro a travez del orificio, calibre la distancia que desea y ajuste el mango.

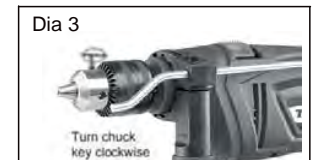
Montaje de una herramienta de corte en el portabroca,

⚠ Retire la llave de su sujetador, introduzcala en el alojamiento para el pin de la llave, girela en sentido antihorario hasta la medida de la broca que desea instalar. Luego gire la llave en sentido contrario hasta que quede bien ajustada.

Operación del interruptor de encendido (vea Dia4)

Presione el interruptor para encender su taladro, si desea mantenerlo encendido continuamente asegurelo con el botón lateral, Para desbloquearlo solo presione el interruptor.

Selector de velocidad variable (seeDia5) Este selector le permite mantener la velocidad constante, solo gire en sentido horario la perilla de control para mantener alta velocidad, y en sentido antihorario para disminuirla.





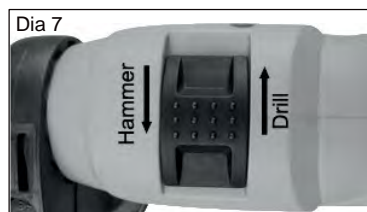
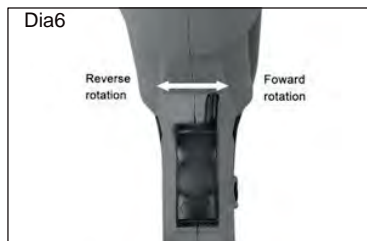
Operación

Cambio en el sentido de rotación (vea Dia6) Para cambiar el sentido de giro solo direccione la perilla a la izquierda o derecho según sea su necesidad.

Nota: Nunca mueva la perilla avance-retroceso mientras el taladro esté encendido, esta maniobra dañara su herramienta.

Selector para percusión (see Dia7)

Cuando taladre en madera o metal seleccione  y  cuando perfore concreto



Mantenimiento y solución de problemas

Sugerencias de trabajo para su taladro

1 Perforación de mampostería y hormigón Seleccione el interruptor selector de la acción de perforación / impacto en la posición "símbolo de martillo". Las brocas de carburo de tungsteno siempre se deben utilizar para la perforación de mampostería, hormigón, etc. con una alta velocidad.

2 Perforación en acero

Seleccione el interruptor de broca / impacto a la posición "símbolo de perforación". HSS Siempre se debe usar baja revolución para perforar metales

3 Función de atornillado

Seleccione la función de taladrado en acero para función de atornillado. Esta operación debe hacerse a baja revolución.

4 Agujeros piloto

Para perforar un agujeros grandes en material resistente (es decir, acero), recomendamos perforar un pequeño agujero piloto antes de usar una broca de mayor diametro.

5 Perforado de ceramica

Se recomienda perforar cerámica en la posición de taladrado para acero, luego de haber socabado la superficie y si el material lo amerita, cambie a la posición de impacto y realicelo a baja revolución.

6 Enfriamiento de motor

Si su taladradora se vuelve demasiado caliente, ajuste la velocidad al máximo y mantengala encendida de 2 a 3 minutos sin realizar ninguna operación..

Mantenimiento

- 1 Esta herramienta no requiere de lubricación periódica por lo que el mantenimiento por lo que su mantenimiento no depende del usuario final
- 2 Nunca utilice agua o químicos para limpiar su herramienta, después de cada uso limpiela con brocha, trapo seco o con aire a presión..
- 3 Siempre almacene su herramienta en un lugar seco.
- 4 Mantenga las ranuras del ventilación despejadas y limpias.
- 5 Si observa algunas chispas dentro de su herramienta es normal por la fricción de los carbones con el colector.
- 6 Si el cordón eléctrico está dañado o deteriorado, debe ser reemplazado por uno de iguales características.

Solución de problemas

- 1 Si su taladro no funciona, verifique que si tiene energía en su tomacorriente.
- 2 Si la broca no está cortando correctamente, compruebe que está afilada, o reemplacela, verifique lel sentido de rotación de su taladradora.
- 3 Si después de verificar estas recomendaciones no funciona, llevelo al centro de servicio autorizado TOTAL

**TG109136,UTG109136,TG109136E,TG109136-6,
TG109136-8,TG109136S,TG109136-4 Spare part list**

NO.	Part Description	Qty
1	Tornillo M6*25 rosca izquierda	1
2	portabroca	1
3	Eje de salida	1
4	Semicircular Key 3*10	1
5	Espiga acero 5	1
6	Rodamiento 6001/C3-ZRS	1
7	Anillo de retención 12	2
8	Platillo I	1
9	spring1*13.6*23	1
10	Platillo II	1
11	piñon	1
12	Anillo de retención 10	1
13	retenedor	1
14	soporte	1
15	slip plate drill/impact selector	1
16	Botoón selector impacto/rotación	1
17	muelle0.5*3.5*9.5	1
18	cojinete 4	1
19	Rodamiento 608/C3-2Z	1
20	rotor	1
21	Rodamiento 607/C3-2Z	1
22	Campo	1
23	Carcasa derecha	1
24	tornillo ST4.2*16	11
25	tornillo ST2.9*12	4
26	Carbones o escobillas	2
27	interruptor	1
28	Porta carbones	2
29	resorte	2
30	Inductor	1
31	capacitor	1
32	tornillo ST4.2*13	2
33	Abrazadera de cable	1
34	Protector de cordón	1
35	Cable y enchufe	1
36	Carcasa izquierda	1
37	profundimetro	1
38	Manija auxiliar 3pzs	1

**TG109136,UTG109136,TG109136E,TG109136-6,
TG109136-8,TG109136S,TG109136-4 Exploding view**

