



FICHA TÉCNICA

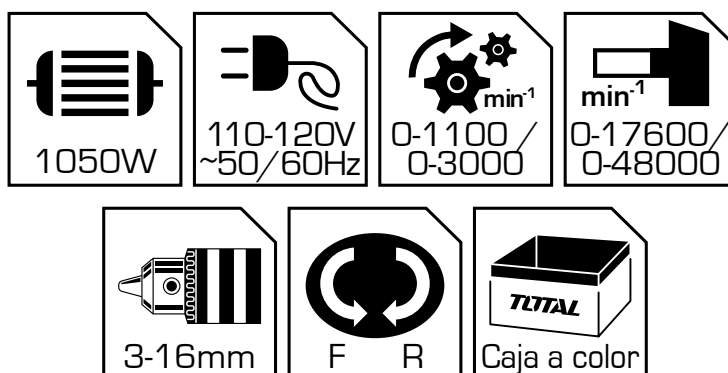
Producto: **Taladro de impacto 1050W Total Tools**

DESCRIPCIÓN: Taladro de impacto 1050W Total Tools de un voltaje de 110-120V~50/60Hz su potencia es 1050W. Su velocidad sin carga de 0-1100/0-3000/min con una velocidad de impacto de 0-17600/0-48000/min. Incluye un set de escobillas de carbón, manija auxiliar, una llave de ajuste para mandril y una barra indicadora de profundidad. Su peso es de 3.9 Kg. y su garantía es de 1 año.

CÓDIGO: UTG111165



Marca: Total Tools	Incluye: 1 set de escobillas de carbón, manija auxiliar,
Voltaje: 110-120V~50/60Hz	1 llave de ajuste para mandril y 1 barra indicadora de
Potencia: 1050W	profundidad
Velocidad sin carga: 0-1100/0-3000/min	Peso: 3.9 Kg.
Velocidad de impacto: 0-17600/0-48000/min	Garantía: 1 año
Mandril: 5/8"	Procedencia: Importado



TOTAL

One-Stop Tools Station

TOTAL

IMPACT DRILL







TG111165, UTG111165, TG111165E, TG111165-4
TG111165-6, TG111165-8, TG111165S

INDUSTRIAL



1050W

The symbols in instruction manual and the label on the tool

	Double insulated for additional protection.
	Read the instruction manual before using.
	CE conformity.
	Wear safety glasses, hearing protection and dust mask.
	Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.
	Safety alert. Please only use the accessories supported by the manufacture.

GENERAL POWER TOOL SAFETY WARNINGS



WARNING Read all safety warnings and all instructions. *Failure to follow the warnings and instructions 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 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**

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 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 energizing 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, 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 dust collection can reduce dust-related hazards.**

and must be repaired.

- c) **Disconnect the plug from the power source and/or the battery pack 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. 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 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.*

5) Service

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

Additional Safety Warnings

- **Wear ear protectors when impact drilling.** *Exposure to noise can cause hearing loss.*
- **Use auxiliary handle(s), if supplied with the tool.** *Loss of control can cause personal injury.*
- **Hold power tool by insulated gripping 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*

Residual risks

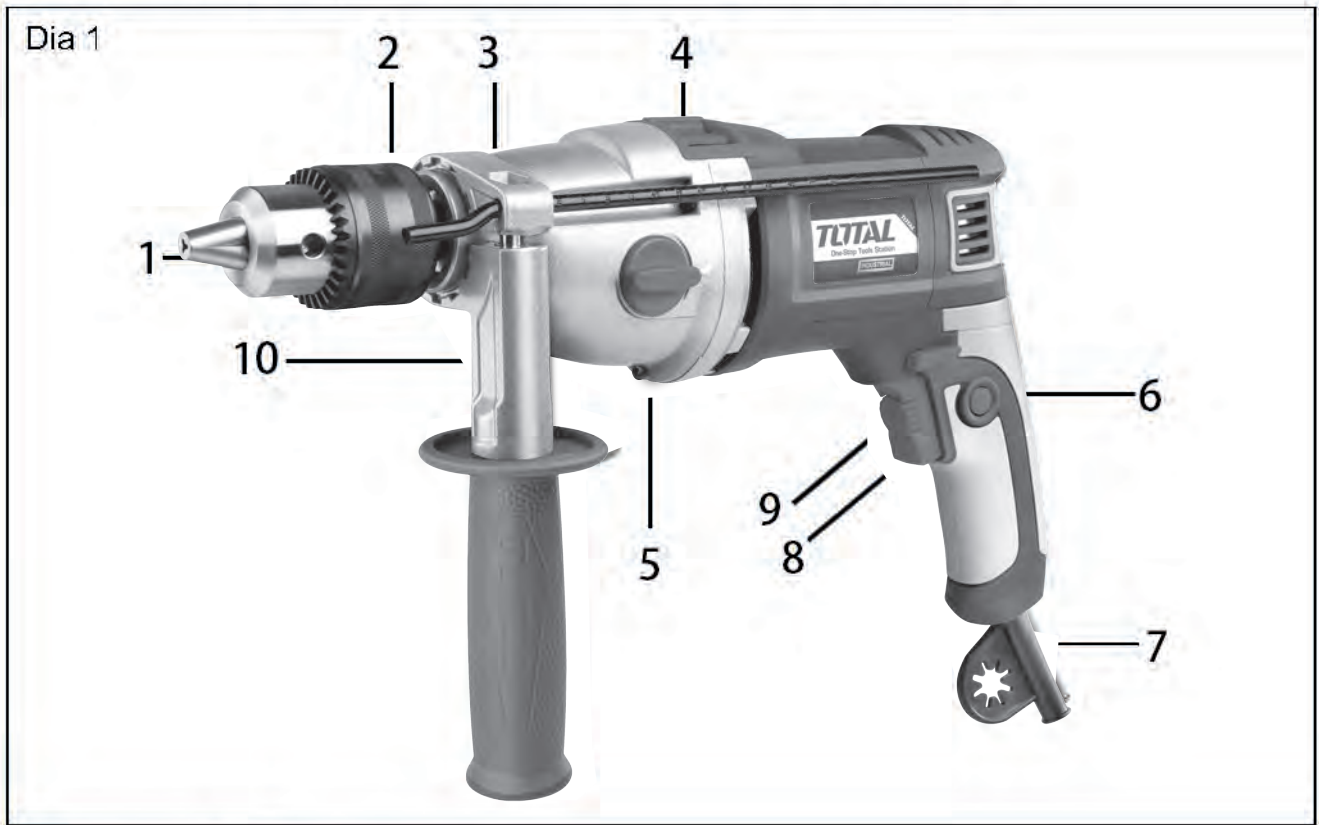
Even when the power tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the power tool's construction and design:

- a) Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.
- b) Injuries and damage to property to due to broken accessories that are suddenly dashed.



Warning! This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this power tool.

Components, Specifications and Accessories



Components list

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

PRODUCT DESCRIPTION



You must abide by certain safety precautions when using the equipment. In order to prevent injuries and damages from occurring, you must always read through this operating manual Carefully.

This manual must be kept in a safe place so that the information that it contains is always available. This operating manual must accompany the equipment if it is transferred to somebody else.

We do not accept any liability for accidents or damage arising from ignoring this manual and the safety instructions.


SPECIFICATIONS

Modle	TG111165/TG111165E		UTG111165
Power	1050W		1050W
Rated Voltage	220-240V~		110-120V~
Frequency	50/60Hz		60Hz
No-Load Speed	0-1100 min ⁻¹ ,0-3000min ⁻¹		0-1100min ⁻¹ ,0-3000min ⁻¹
Blows Per Minute	0-17600min ⁻¹ ,0 -48000min ⁻¹		0-17600min ⁻¹ ,0 -48000min ⁻¹
Chuck Capacity	3-16 mm		1/8"-5/8"
Drill Capacity	Metal	16mm	5 /8"
	Masonry	20mm	3 /4"
	Wood	40mm	1 -9/16"
Weight	3.7kg		3.7kg
Protection class	□ / III		□ / III
Modle	TG111165-6/	TG111165-8/	TG111165-4
	(ISRAEL Plug)	(BS Plug)	(IRAM Plug)
Power	1050W		1050W
Rated Voltage	220-240V~		220-240V~
Frequency	50/60Hz		50/60Hz
No-Load Speed	0-1100 min ⁻¹ ,0-3000min ⁻¹		0-1100min ⁻¹ ,0-3000min ⁻¹
Blows Per Minute	0-17600min ⁻¹ ,0 -48000min ⁻¹		0-17600min ⁻¹ ,0 -48000min ⁻¹
Chuck Capacity	3-16 mm		3-16 mm
Drill Capacity	Metal	16mm	16mm
	Masonry	20mm	20mm
	Wood	40mm	40mm
Weight	3.7kg		3.7kg
Protection class	□ / III		□ / III

ACCESSORIES:

1pcs auxiliary handle
 1set carbon brushes
 1pcs depth gauge
 1pcs chuck key

Operation

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

Installing the auxiliary handle (see Dia 1)


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 Dia1. If you are left handed fit the handle the other way round.

Installing the depth stop (see Dia2)

The depth stop can be used to set a constant depth to drill. To use the depth stop, 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.

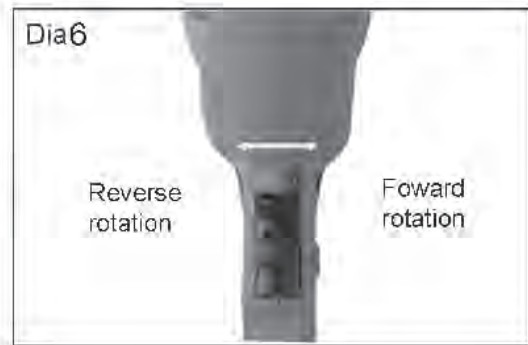


Operation

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.

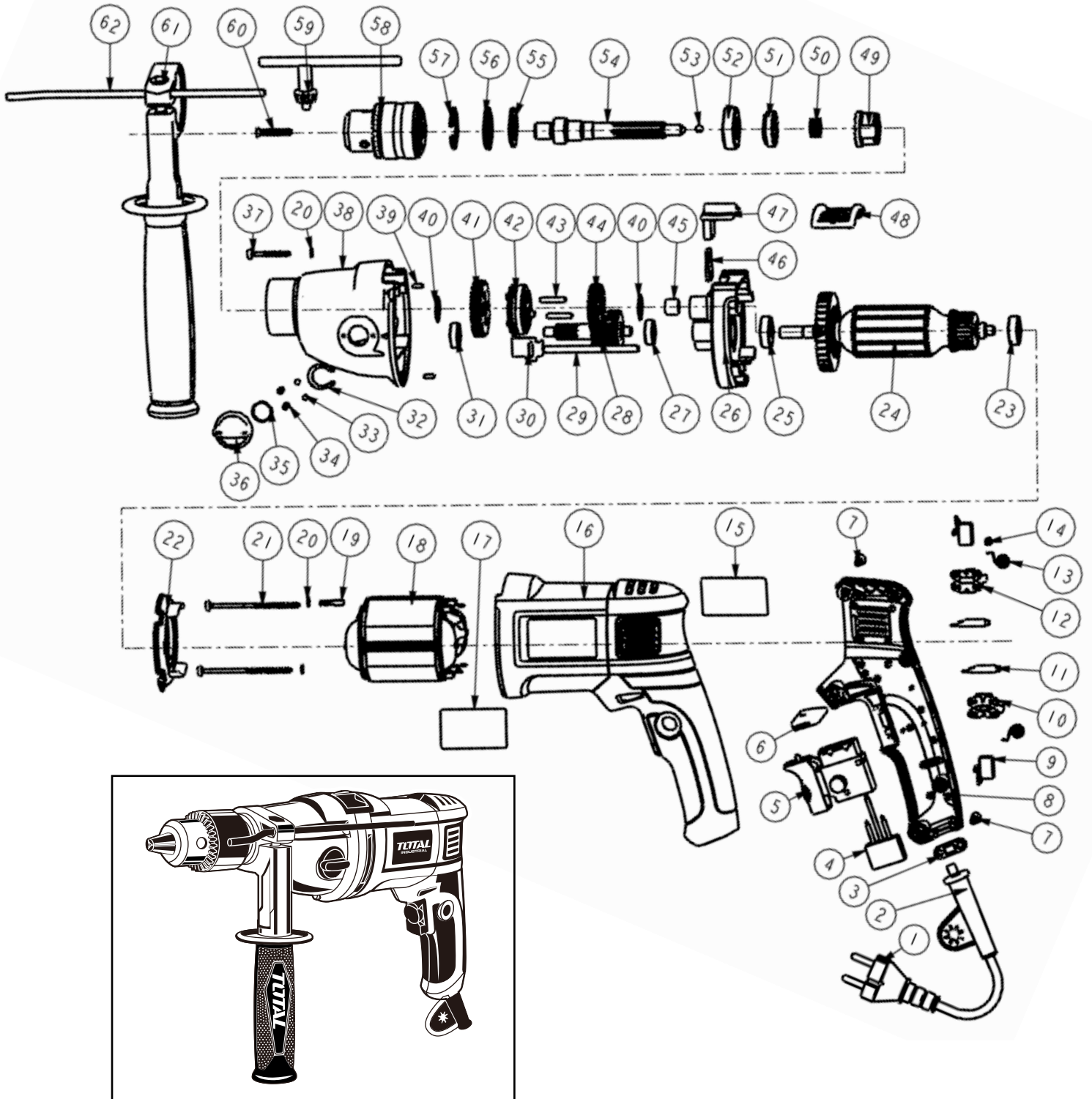
Troubleshooting

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 an authorized dealer for repair.

**TG111165, TG111165E, UTG111165, TG111165-4
 TG111165-6, TG111165-8, TG111165S Exploding view**



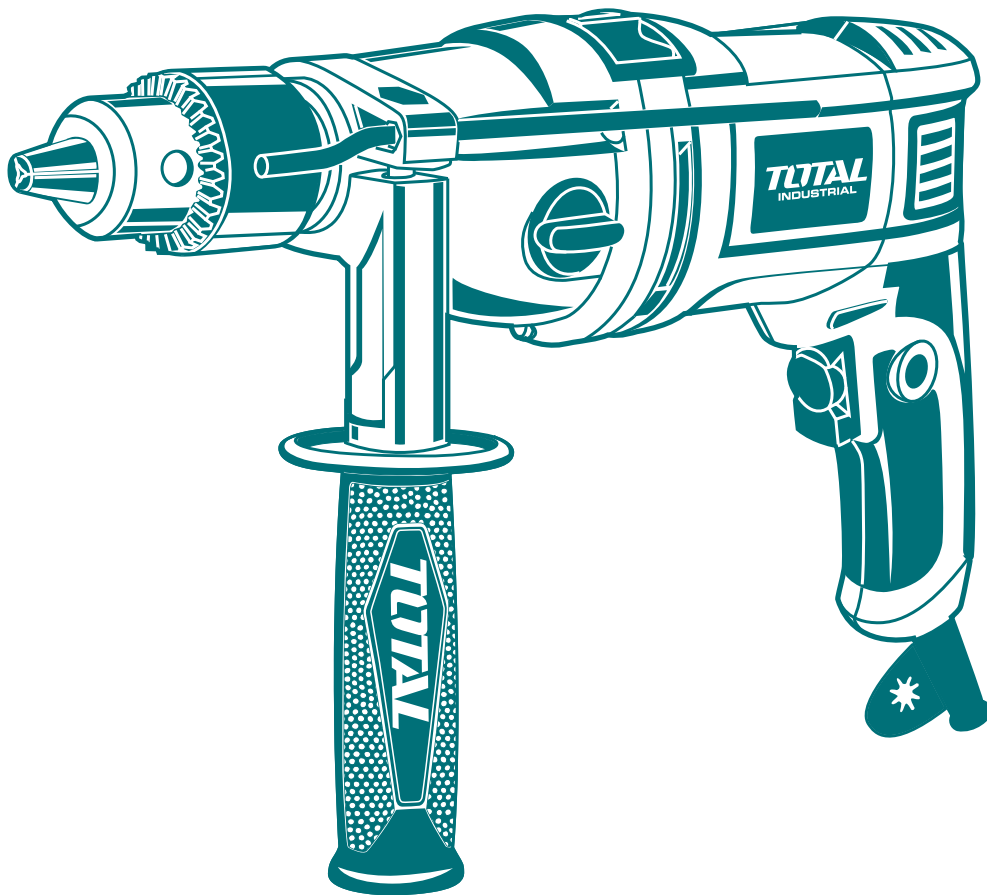
**TG111165,TG111165E,UTG111165,TG111165-4
TG111165-6,TG111165-8,TG111165S Spare part list**

1	Cable	32	Circlip for shaft Φ 16
2	Cable Armor	33	Ball Φ 4
3	Cable Clip	34	Spring A
4	Capacitor	35	Rubber Ring 17
5	Switch	36	Knob
6	Switch Lever	37	Tapping Screw ST4X35
7	Tapping Screw ST4X16	38	Gear Box
8	Right Handle	39	Pin 3X8
9	Carbon Brush	40	Washer
10	Lower brush holder	41	Slow Gear
11	Inductor	42	Clutch
12	Upper brush holder	43	Gudgeon
13	Coil spring	44	Quick Gear
14	Tapping Screw ST3X8	45	Bearing HK081210
15	Right Nameplate	46	Shifting Block
16	Housing	47	Push Button
17	Left Nameplate	48	Push Button Seat
18	Stator	49	Calm Impact Tooth
19	Waveform buckle	50	Spring B
20	Plane Washer Φ 4	51	Act Impact Tooth
21	Tapping Screw ST4X70	52	Bearing 6002
22	Fan Guide	53	Ball Φ 5
23	Bearing 627	54	Output Spindle
24	Rotor	55	Wool felt
25	Bearing 609	56	Seal Ring
26	Supporter	57	Circlip for shaft Φ 32
27	Bearing 627	58	Chuck Φ 13
28	Middle Gear	59	Chuck Key Φ 13
29	Pin B5X70	60	Anti-clockwise Screw M5X25
30	Slide	61	Side Handle
31	Bearing 607	62	Scale

TOTAL

One-Stop Tools Station

TOTAL



IMPACT DRILL

www.totaltools.cn
TOTAL TOOLS CO., PTE. LTD.
MADE IN CHINA
T0918.V09

1050W