

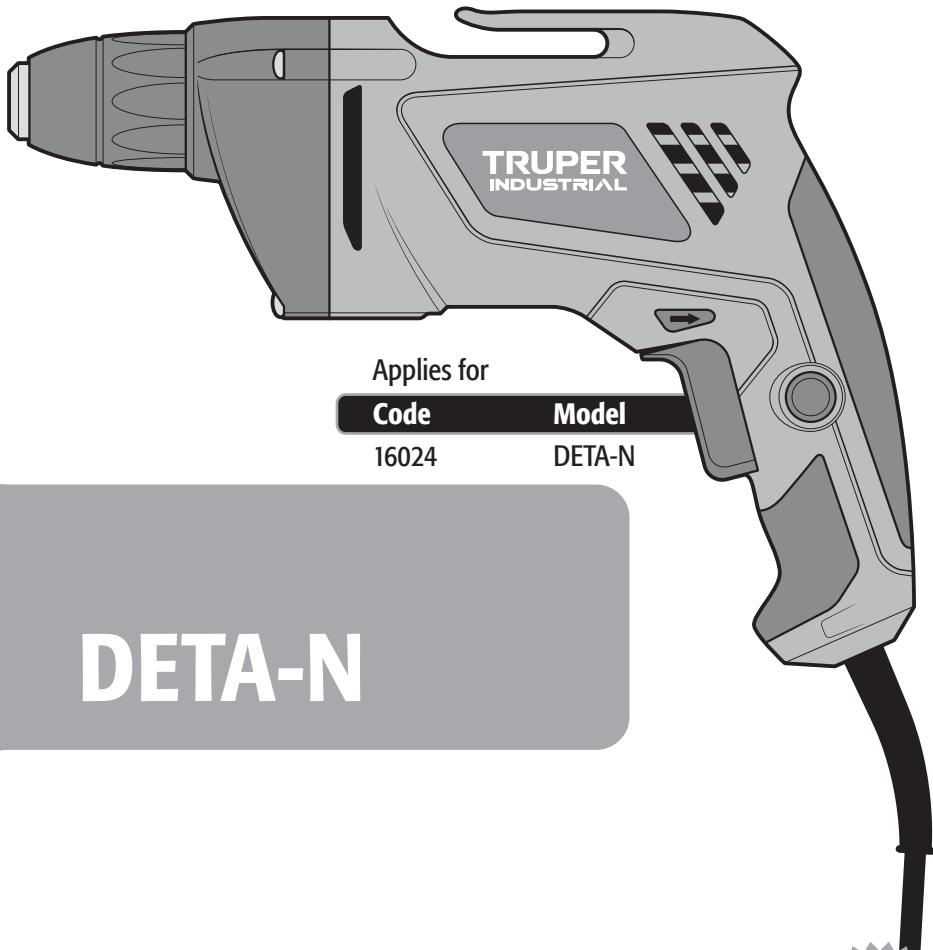
ENGLISH
ESPAÑOL

TRUPER®
INDUSTRIAL

Manual

Drywall screwdriver

0.7 Hp
Power



Applies for

Code

16024

Model

DETA-N

DETA-N

 **CAUTION**



Read this manual thoroughly
before using the tool.



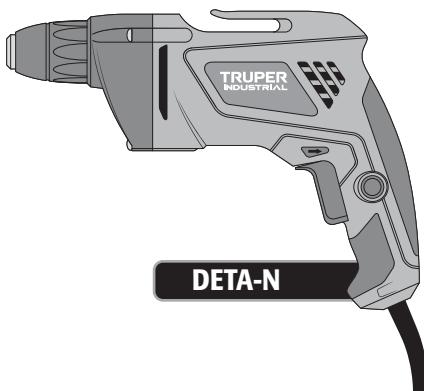
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CAUTION

To gain the best performance of the tool, prolong the duty life, make the Warranty valid if necessary, and to avoid hazards of fatal injuries please read and understand this Manual before using the tool.

Keep this manual for future references.

The illustrations in this manual are for reference only. They might be different from the real tool.



DETA-N

Code	•	16024
Description	•	Drywall screwdriver
Bit holder hexagonal	•	1/4"
Voltage	•	127 V~
Frequency	•	60 Hz
Current	•	4.2 A
Power	•	0.7 Hp
Speed	•	0 RPM - 4 200 RPM
Duty cycle	•	50 minutes work per 20 minutes idle. Maximum 6 hours per day.
Conductors	•	18 AWG x 2C with insulating temperature of 221 °F
Insulation	•	Class II
		IP Grade • IP 20

Power Cord Grips used in this product: Type Y.

Tool Build Quality: Reinforced insulation.

Thermal insulation on motor winding: Class E.

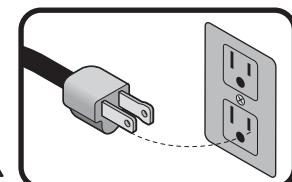
WARNING Avoid the risk of electric shock or severe injury. When the power cable gets damaged it should only be replaced by the manufacturer or at a  TRUPER® Authorized Service Center. The build quality of the electric insulation is altered if spills or liquid gets into the tool while in use. Do not expose to rain, liquids and/or dampness.

WARNING Before gaining access to the terminals all power sources should be disconnected.



Power Requirements

WARNING Tools with double insulation and reinforced insulation are equipped with a polarized plug (one prong is wider than the other). This plug will only fit in the right way into a polarized outlet. If the plug cannot be introduced into the outlet, reverse the plug. If it still doesn't fit, call a qualified electrician to install for you a polarized outlet. Do not alter the plug in any way. Both insulation types eliminate the need of both a grounded third power cord with three prongs or a grounded power connection.



WARNING When using an extension cable, verify the gauge is enough for the power that your product needs. A lower gauge cable will cause voltage drop in the line, resulting in power loss and overheating. The following table shows the right size to use depending on cable's length and the ampere capability shown in the tool's nameplate. When in doubt use the next higher gauge.

Ampere Capacity	Number of Conductors	Extension gauge	
		from 6' to 49'	higher than 49'
from 0 A and up to 10 A		18 AWG(*)	16 AWG
from 10 A and up to 13 A		16 AWG	14 AWG
from 13 A and up to 15 A	3 (one grounded)	14 AWG	12 AWG
from 15 A and up to 20 A		8 AWG	6 AWG

* It is safe to use only if the extensions have a built-in artifact for over current protection.

AWG = American Wire Gauge. Reference: NMX-J-195-ANCE

WARNING When operating power tools outdoors, use a  VOLTECK grounded extension cable labeled "For Outdoors Use". These extensions are specially designed for operating outdoors and reduce the risk of electric shock.



⚠ WARNING! Read carefully all safety warnings and instructions listed below. Failure to comply with any of these warnings may result in electric shock, fire and / or severe damage. **Save all warnings and instructions for future references.**

Work area

Keep your work area clean, and well lit.

Cluttered and dark areas may cause accidents.



Never use the tool in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.

Sparks generated by power tools may ignite the flammable material.



Keep children and bystanders at a safe distance while operating the tool.

Distractions may cause loss of control.



Electrical Safety

The tool plug must match the power outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools.



Modified plugs and different power outlets increase the risk of electric shock.

Avoid body contact with grounded surfaces, such as pipes, radiators, electric ranges and refrigerators.

The risk of electric shock increases if your body is grounded.

Do not expose the tool to rain or wet conditions.

Water entering into the tool increases the risk of electric shock.

Do not force the cord. Never use the cord to carry, lift or unplug the tool. Keep the cord away from heat, oil, sharp edges or moving parts.

Damaged or entangled cords increase the risk of electric shock.

When operating a tool outdoors, use an extension cord suitable for outdoor use.

Using an adequate outdoor extension cord reduces the risk of electric shock.

If operating the tool in a damp location cannot be avoided, use a ground fault circuit interrupter (GFCI) protected supply.

Using a GFCI reduces the risk of electric shock.

Personal safety

Stay alert, watch what you are doing and use common sense when operating a tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.

A moment of distraction while operating the tool may result in personal injury.

Use personal protective equipment. Always wear eye protection.

Protective equipment such as safety glasses, anti-dust mask, non-skid shoes, hard hats and hearing protection used in the right conditions significantly reduce personal injury.



Prevent unintentional starting up. Ensure the switch is in the "OFF" position before connecting into the power source and / or battery as well as when carrying the tool.

Transporting power tools with the finger on the switch or connecting power tools with the switch in the "ON" position may cause accidents.

Remove any wrench or vice before turning the power tool on.

Wrenches or vices left attached to rotating parts of the tool may result in personal injury.

Do not overreach. Keep proper footing and balance at all times. This enables a better control on the tool during unexpected situations.

Dress properly. Do not wear loose clothing or jewelry. Keep hair, clothes and gloves away from the moving parts.

Loose clothes or long hair may get caught in moving parts.



If you have dust extraction and collection devices connected onto the tool, inspect their connections and use them correctly.

Using these devices reduce dust-related risks.

Power Tools Use and Care

Do not force the tool. Use the adequate tool for your application.



The correct tool delivers a better and safer job at the rate for which it was designed.

Do not use the tool if the switch is not working properly.

Any power tool that cannot be turned ON or OFF is dangerous and should be repaired before operating.

Disconnect the tool from the power source and / or battery before making any adjustments, changing accessories or storing.

These measures reduce the risk of accidentally starting the tool.

Store tools out of the reach of children. Do not allow persons that are not familiar with the tool or its instructions to operate the tool.



Power tools are dangerous in the hands of untrained users.

Service the tool. Check the mobile parts are not misaligned or stuck. There should not be broken parts or other conditions that may affect its operation. Repair any damage before using the tool.



Most accidents are caused due to poor maintenance to the tools.

Keep the cutting accessories sharp and clean.

Cutting accessories in good working conditions are less likely to bind and are easier to control.

Use the tool, components and accessories in accordance with these instructions and the projected way to use it for the type of tool when in adequate working conditions.

Using the tool for applications different from those it was designed for, could result in a hazardous situation.

Service

Repair the tool in a TRUPER[®] Authorized Service Center using only identical spare parts.

This will ensure that the safety of the power tool is maintained.



This tool is in compliance with
the Official Mexican Standard
(NOM - Norma Oficial Mexicana).

General standards

CAUTION • This tool is designed to operate with screws. IT IS NOT A DRILL.
• Do not try to modify in any way the tool or its accessories.

Select de adequate bit

CAUTION • Use only screwdriver bits recommended by  TRUPER.
• Keep the screwdriver bits in good working condition. It reduces load on the tool and increases its useful life.

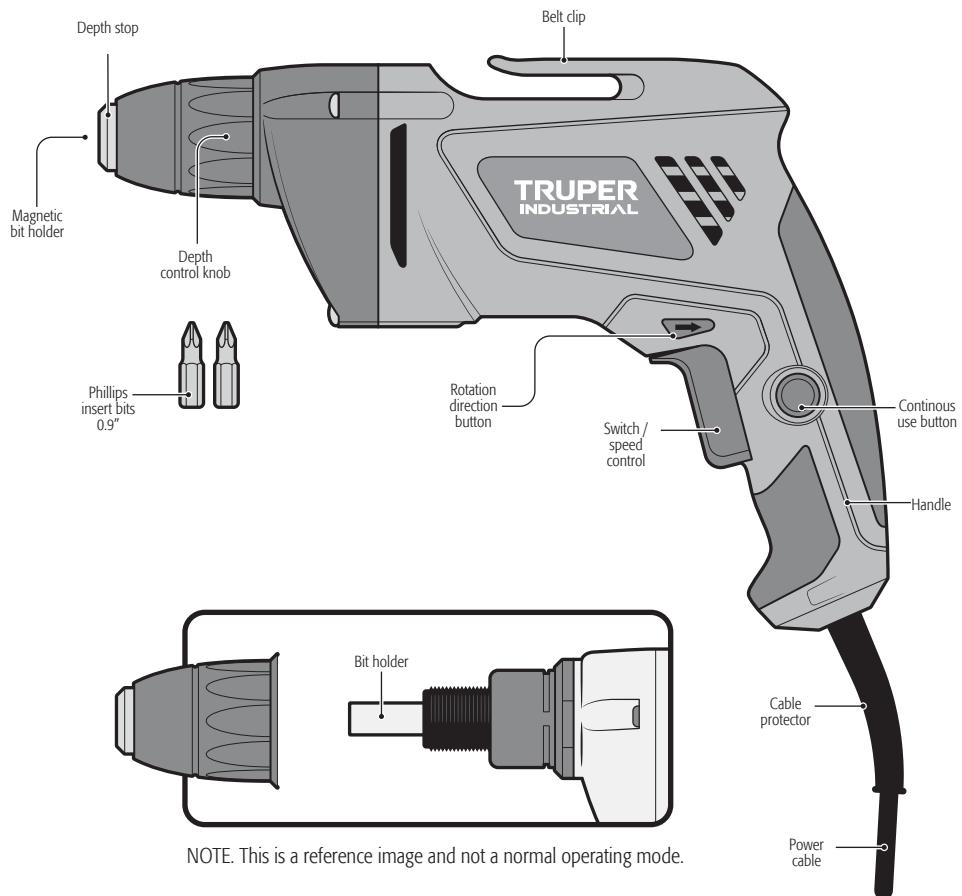
Before operating the screwdriver

- Take your time to assess the job to be done. Double-check all the necessary caution measures are being observed before starting to work.
- WARNING** • Adjust correctly the bit to the bit holder.
- DANGER** • Before fitting screws into a wall, floor or ceiling verify there are not embedded objects like cabling, power lines or pipes.
- Verify the switch is in the OFF position (see page 7 start up and operation control section) before plugging in the tool. Otherwise the tool might unexpectedly start running causing severe injuries.
- CAUTION** • Turn off and disconnect the tool before reversing the bit rotation. Do likewise before installing or replacing bits.

When operating the screwdriver

- Hold the tool by the insulated surfaces designed for this purpose. The holder could wiring or with its own power cord. Making contact with a power cord causes the tool metal parts get electrified and may result in electric shock to the user.
- Do not subject the tool to excessive efforts.
- Refrain from setting the tool immediately after using where there are particles and/or dust. Debris may be absorbed into the tool mechanism and be damaged.
- Hold the power tool by the gripping surfaces when making an option where the fastener can make contact with hidden wires or its own power cord.

Fasteners that come into contact with an energized cable can turn the metal parts of the power tool into living parts and, as a result, cause an electric shock to the operator.

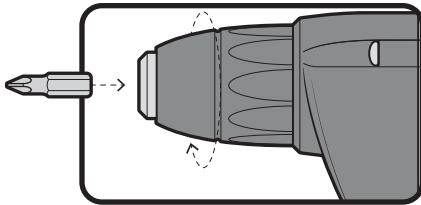


Preparation

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Assembly and disassembly of the tip.

- Insert the tip into the tip holder until it stops. The magnetic tip holder allows the tip to be secured.
- To change the screwdriver tip, turn the depth adjustment knob to the maximum and remove the tip. Pliers are sometimes required to remove the accessory.

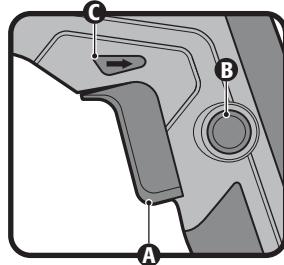


Start up

Start Up and Operation Control

- Intermittent operation:
 - Connect the plug into the power outlet.
 - Press the switch (A) to start the screwdriver.
 - Speed increases when applying more pressure on the switch.
 - To stop, just release the switch.
- Continuous Operation:
 - Connect the plug into the power outlet.
 - Press the switch (A) and block it pressing the continuous use button (B).
 - To stop, press and then, release the switch.

CAUTION During the operation the motor will be running but the tip will not turn until the screw applies pressure in the material. This feature is useful to insert the screw in the tip before screwing it into the material.

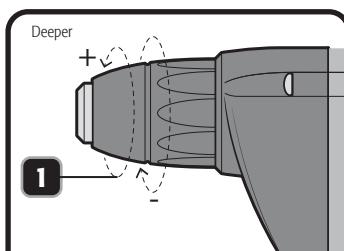


Rotation Direction

- The screwdriver rotation direction is controlled by the rotation direction selector button (C). This function enables the screwing and unscrewing function.
- To screw press the button with the arrow pointing towards the tip holder.
- To unscrew press the button with arrow pointing towards the handle .

Screwing depth adjustment

- The depth stop can be adjusted so that screws can be attached to a specific depth, determined by the needs of the job.
- Follow the chart on the collar to increase or decrease the depth of the screwing.
- To set the screw deeper into the workpiece, turn the adjust knob to the right.
- To set the screw higher into the workpiece, turn the adjust knob to the left.



Operation

- Press firmly the screw bit against the material to be screwed until the depth stop sits against the material and the screwing insert is released.
- To loosen screws, set the rotation direction selector button in the unscrewing position and turn the depth control knob to the maximum.

Maintenance

Cleaning and care

- To guarantee adequate motor cooling, always keep slots clean and free of obstructions.
- Regularly inspect all the mounting screws. Double-check they are properly tighten. If any screw is loose tighten immediately.

Service

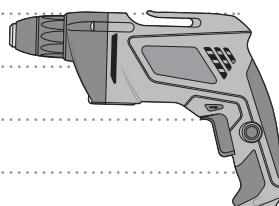
- Service should only be made in a  **TRUPER®** Authorized Service Center. Service and maintenance performed by non-qualified people may be dangerous and lead to personal injuries. It also makes the product Warranty void.

Lubrication

- We recommend lubricating the tool transmission every carbon brush change in a  **TRUPER®** Authorized Service Center.

Carbon brush replacement

- Carbon brushes should be checked periodically.
- When one or both carbon brushes show signs of wear go to a  **TRUPER®** Authorized Service center to have both carbon brushes replaced. When replaced, see if the new carbon brushes move freely in the carbon brush housing. Ask to turn on the tool during five minutes to make the contact in the carbon brushes and the commutator even.
- Use only original  **TRUPER®** spare carbon brushes, designed specifically with the right strength and electric resistance for each type of motor. Carbon brushes with different specifications may damage the motor.
- When replacing carbon brushes, always change both.





In the event of any problem contacting a Truper Authorized Service Center, please see our webpage www.truper.com to get an updated list, or call our toll-free numbers **800 690-6990** or **800-018-7873** to get information about the nearest Service Center.

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TEL.: 999 912 2451

Code	Model	Brand
16024	DETA-N	TRUPER® INDUSTRIAL

Warranty. Duration: 5 year. Coverage: parts, components and workmanship against manufacturing or operating defects, except if used under conditions other than normal; when it was not operated in accordance with the instructive; was altered or repaired by personnel not authorized by **Truper®**. To make the warranty valid, only present the product in the establishment where you bought it or in Corregidora 22, Centro, Cuauhtémoc, CDMX, 06060, where you can also purchase parts, components, consumables and accessories. The costs of transportation of the product that derive from its fulfillment of its service network are included. **Truper will not require any proof of purchase to make the warranty effective.** Phone number 800-018-7873. Made in China. Imported by Truper, S.A. de C.V. Parque Industrial 1, Parque Industrial Jilotepec, Jilotepec, Edo. de Méx. C.P. 54257, Phone number 761 782 9100.



Stamp of the business. Delivery date: