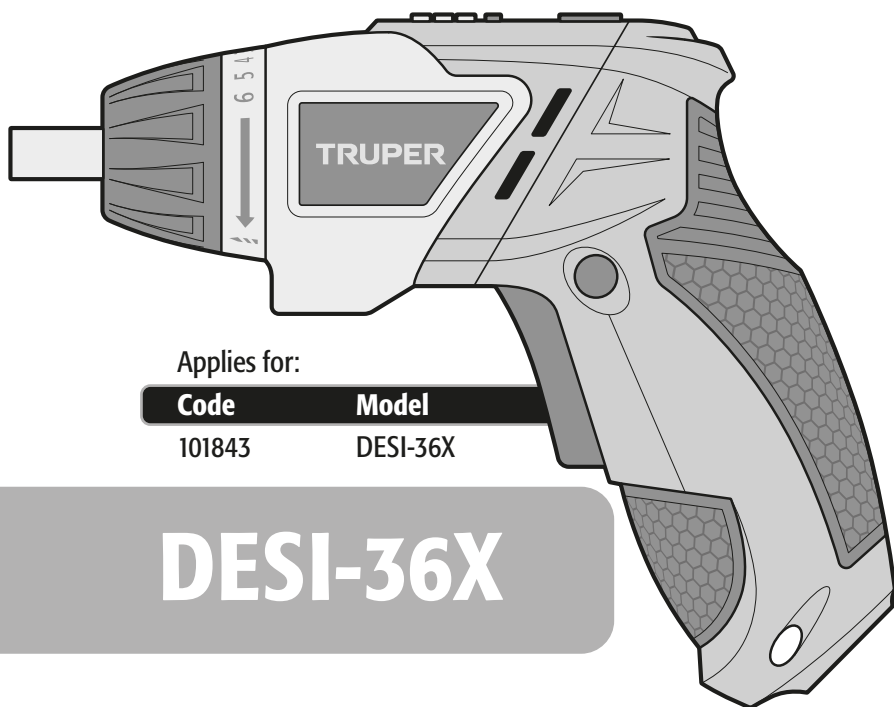




Manual

Wireless Screwdriver

220 RPM
Speed



Applies for:



Code	Model
101843	DESI-36X

DESI-36X



Read the user's manual thoroughly
before operating this tool.



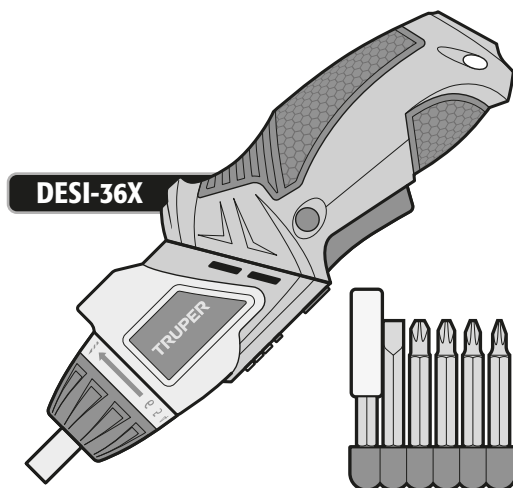
Technical Data	3
Power Requirements	3
 General Power Tool Safety Warnings	4
 Safety Warnings for Power Screwdrivers	5
Parts	6
Start Up	6
Maintenance	8
Troubleshooting	8
Authorized Service Centers	9
Warranty Policy	10

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.



DESI-36X

Code	•	101843
Description	•	Wireless Screwdriver
Speed	•	220 RPM
Bits Support	•	1/4"
Rechargeable Battery	•	Voltage: 3.6 V --- Capacity: 1,3 Ah Type: Ion-Lithium
Charge Time	•	3 hours IP Grade • IP20
Charger	•	Input • Voltage: 127 V~ 60 Hz 200 mA
	•	Output • Voltage: 5 V --- 0.5 A

Power cord grips used in this product: Type "V".
Charger Build Quality: Double Insulation

⚠ 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.

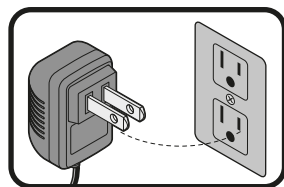
⚠ WARNING Before gaining access to the terminals all power sources should be disconnected.



Power Requirements


⚠ WARNING Tools with double insulation and reinforced insulation eliminate the need of a grounded 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 ft to 49 ft	Higher than 49 ft
From 0 and up to 10 A	3 (one grounded)	18 AWG	16 AWG
From 10 and up to 13 A		16 AWG	14 AWG
From 13 and up to 15 A		14 AWG	12 AWG
From 15 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 especially designed for operating outdoors and reduce the risk of electric shock.





General power tool safety warnings



WARNING! Read carefully all safety warnings and instruction 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 losing 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 recollection 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.

Battery tool Use and Care

Recharge only with the charger specified by TRUPER.

A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

Use power tools only with specifically designated battery packs.

Use of any other battery packs may create a risk of injury and fire.

When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects, that can make a connection from one terminal to another.

Shorting the battery terminals together may cause burns or a fire.

Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.








Liquid ejected from the battery may cause irritation or burns.

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.


Charging the Screwdriver



- Misusing the charger may cause damages.
- Regularly check the charger is not damaged, especially the connector cable and the housing.
- Do not use the charger if it was submitted to knocks or discharge. Go to a  **TRUPER**® Authorized Service Center to repair before using it.
- For no reason at all disassemble the charger. Repairs shall only be carried out by  **TRUPER**® Authorized Service Center staff. Improper assembly may cause fire or electric shock. 
- Never use the charger in places where explosive or flammable materials are present.
- Connect the charger only to household power outlet. Do not connect the charger if the power outlet has a different voltage tension different to the one indicated in the specifications label.
- A faulty electric installation or excessive tension in the power outlet may originate an electric discharge. 
- Connect the charger into a power outlet with easy access to be able to disconnect quickly in case of fault.
- Not charging the screwdriver correctly may damage the battery, the charger and the screwdriver.
- Charge the screwdriver in a 32 °F to 113 °F environment. Ideal environment temperature is 73 °F
- Double check the ventilation is adequate when charging the batteries. In this process gases are released.
- Charge the screwdriver inside. Do not charge outdoors.
- Check the charger is not in humid environment. Otherwise there is risk of electric shock. 
- Do not use the screwdriver for purposes different from its designed. The charger is only built to charge the screwdriver. Different uses may result in fire or fatal electric shock.  
- Do not try to charge the screwdriver with a charger that is different from the one supplied.
- Use the charger only to charge the screwdriver and not as power supply while operating the screwdriver.
- Do not set object onto the charger. Do not cover, because it overheats. Never set it close to heat sources.
- Set the power cable in a way that nobody will trip with it or step on it.
- After charging the screwdriver always disconnect the charger from the power supply.
- Never pull or disconnect the charger using the connection cable.
- Preferably, avoid using extension cables. If absolutely necessary using an extension cable double check the electric requirement mentioned in page 3 are observed.
- Never set the screwdriver or the accessories onto or near hot surfaces.

Select the Adequate Bit

-  **CAUTION** • Use only screwdriver bits recommended by  **TRUPER**®.
- Keep the screwdriver bits in good repair. This measure reduced the load onto the tool and extends the tool useful life.

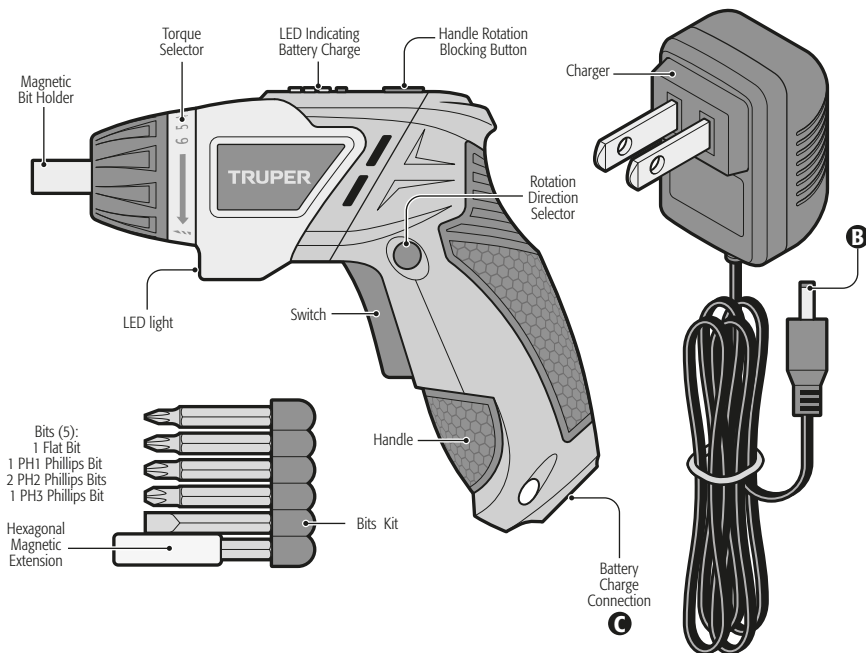
When Operating the Screwdriver

-  **CAUTION** • This tool is designed to work with screws. IT IS NOT A DRILL.
- This is a light-work tool. It shall not be used to remove or set screws requiring a high torque.
- Do not try to modify the tool or the accessories in no way.
- Never use the screwdriver when the charger is connected.
- Turn ON the screwdriver after setting the bits.
- Use extreme care when screwing screws with grove head. The tool may slide away.
- Do not use too much force.
- Do not use this tool single-handedly.
- After each use remove the bit and the extensions. Store them properly.

-  **WARNING** Danger of asphyxiation! Children may swallow small parts and choke. Keep children away from small parts. 

Hold the power tool by the insulated gripping parts when carrying out operations where the fastener may get into contact with hidden cables or its own power cable.

Fasteners making contact with a power cable may turn "alive" the metal parts of the tool and as consequence, cause an electric shock to the operator.

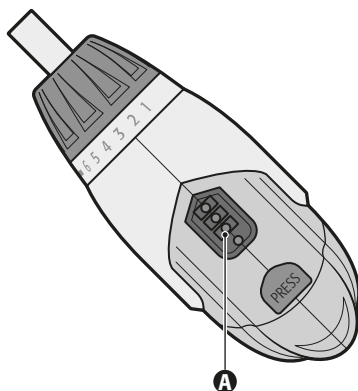


Start Up

Screwdriver Battery Charging

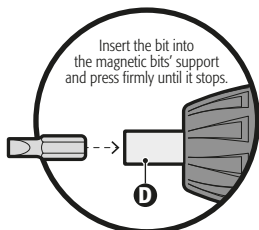
- Charge the screwdriver if the charge indicator displays low battery (red light, **A**).
- When using an Ion-Lithium rechargeable battery, the screwdriver may be charged at any moment no matter the charge level and with no capacitance loss.
- The screwdriver has low battery charge when purchased. It shall be charged before the first use:

1. Insert the cable contact plug (**B**) in the screwdriver battery charge connection (**C**).
2. Insert the charger plug into a properly installed power outlet. The LED will display the red light. When the battery is fully charged, the LED will display green, yellow and red lights. During the charging process, the power supply socket, the charger and rechargeable battery will be hot. Is normal and is not indicating any malfunctioning.
3. disconnect the charger from the supply after the charging process has been completed.; about 3 hours
4. Remove the charger cable from screwdriver battery charge connection.
5. Give the screwdriver time to cool down in environment temperature if getting hot during the charge process. You can now operate the screwdriver.



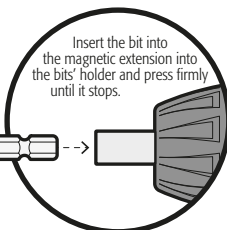
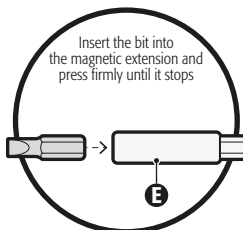
Installing the Bit

The tips can be inserted directly in the magnetic bit support (**D**).



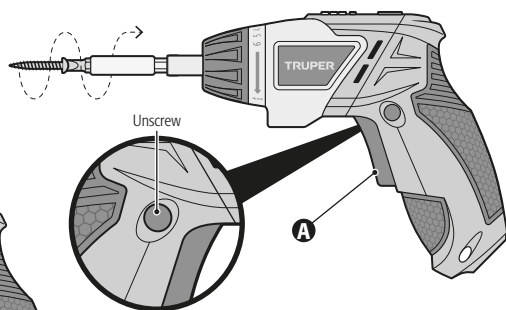
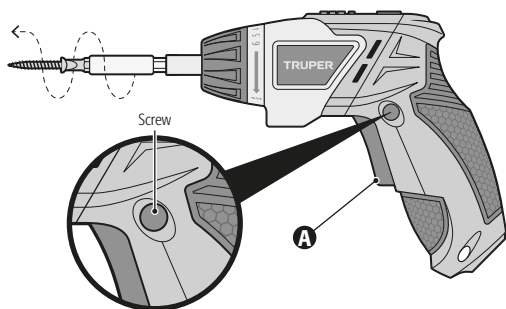
You may use the magnetic extension (**E**):

1. Insert the magnetic extension all the way down to the bit magnetic bits support.
2. Select the bit that matches the screw.
3. Insert the selected bit up to the stopper in the magnetic extension.



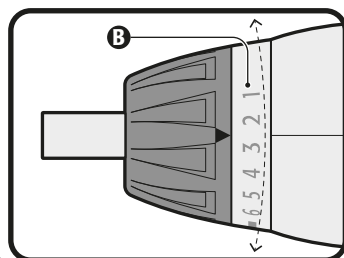
Turning ON and Operation Control

- Keep the switch (**A**) pressed to keep the screwdriver in motion. Release the switch to stop the screwdriver motion.
- You may start screwing without turning ON the screwdriver but, do not try to screw completely this way.
- Move the rotation direction selector to the left to screw.
- Move the rotation direction selector to the right to unscrew.



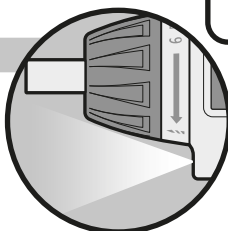
Torque Adjustment

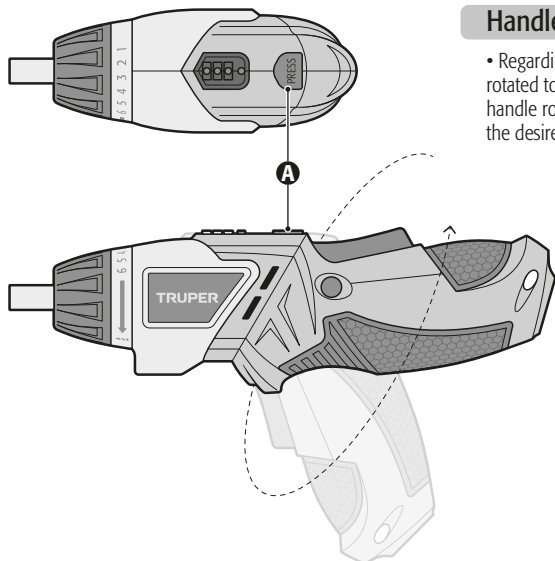
- To select the desired torque level, turn the torque regulator (**B**) until matching the desired level with the upper mark (►).
- To obtain their maximum torque, urn the torque regulator to the position of the following image ◀◀◀



LED Light

- When pressing the switch the LED light is ON.
- Do not stare directly to the light beam. Do not point it towards other people's eyes.





Handle rotation


- Regarding the job, the screwdriver handle can be rotated to operate the tool more comfortably. Press the handle rotation-blocking button (A). Turn the handle into the desired position until hearing a "click" sound.

Maintenance

Cleaning and Storage

- Do not use aggressive cleaning products, metal brushes, sharp or metal utensils, otherwise the screwdriver housing gets damaged.
- Clean the housing with a soft and dry cloth.
- Remove dirt with a humid cloth and mild detergent.
- Never submerge the screwdriver in water or other type of liquids.
- Dry the screwdriver thoroughly before storing.
- Load the battery full before storing the screwdriver for long periods of time. Storing unloaded batteries or partially discharged may cause a deep discharge. This, destroys the batteries cells and makes them useless.
- Store the screwdriver out of the reach of children. Keep it in a locked place with a storing temperature ranging between 41 °F and 68 °F

Troubleshooting

Problem	Cause	Solution
The screwdriver is not ON.	<ul style="list-style-type: none"> Discharged battery. The rotation selector button is in the middle. 	<ul style="list-style-type: none"> Charge the battery. Move the rotation selector button to the left to screw, or to the right to unscrew.
The battery is not charging.	<ul style="list-style-type: none"> The charger is not connected right. Faulty battery. 	<ul style="list-style-type: none"> Check the charger connections in the power outlet and the screwdriver battery charge connection. Go to a  TRUPER Authorized Service .

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 0187-8737** to get information about the nearest Service Center.

AGUASCALIENTES **DE TODO PARA LA CONSTRUCCIÓN**
GRAL. BARRAGÁN #1201, COL. GREMIAL, C.P. 20030,
AGUASCALIENTES, AGS. TEL.: 449 994 0537

BAJA CALIFORNIA **SUCURSAL TIJUANA**
AV. LA ENCANTADA, LOTE #5, PARQUE INDUSTRIAL EL
FLORIDO II, C.P. 22244, TIJUANA, B.C.
TEL.: 664 969 5100

BAJA CALIFORNIA SUR **FIX FERRETERÍAS**
FELIPE ÁNGELES ESQ. RUIZ CORTÍNEZ S/N, COL. PUEBLO
NUEVO, C.P. 23670, CD. CONSTITUCIÓN, B.C.S.
TEL.: 613 132 1115

CAMPECHE **TORNILLERÍA Y FERRETERÍA AAA**
AV. ÁLVARO OBREGÓN #324, COL. ESPERANZA
C.P. 24080 CAMPECHE, CAMP. TEL.: 981 815 2808

CHIAPAS **FIX FERRETERÍAS**
AV. CENTRAL SUR #27, COL. CENTRO, C.P. 30700,
TAPACHULA, CHIS. TEL.: 962 118 4083

CHIHUAHUA **SUCURSAL CHIHUAHUA**
AV. SILVESTRE TERRAZAS #128-11, PARQUE INDUSTRIAL
BAFAR, CARRETERA MÉXICO CUAUHTÉMOC, C.P. 31415,
CHIHUAHUA, CHIH. TEL.: 614 434 0052

MEXICO CITY **FIX FERRETERÍAS**
EL MONSTRUO DE CORREGIDORA, CORREGIDORA # 22,
COL. CENTRO, C.P. 06060, CUAUHTÉMOC, CDMX.
TEL.: 55 5522 5031 / 5522 4861

COAHUILA **SUCURSAL TORREÓN**
CALLE METAL MECÁNICA #280, PARQUE INDUSTRIAL
ORIENTE, C.P. 27278, TORREÓN, COAH.
TEL.: 871 209 68 23

COLIMA **BOMBAS Y MOTORES BYMTESA DE MANZANILLO**
BLVD. MIGUEL DE LA MADRID #190, COL. 16 DE
SEPTIEMBRE, C.P. 28239, MANZANILLO, COL.
TEL.: 314 332 1986 / 332 8013

DURANGO **TORNILLOS ÁGUILA, S.A. DE C.V.**
MAZURIO #200, COL. LUIS ECHEVERRÍA, DURANGO,
DGO. TEL.: 618 817 1946 / 618 818 2844

ESTADO DE MÉXICO **SUCURSAL CENTRO JILOTEPEC**
AV. PARQUE INDUSTRIAL #1-A, C.P. 54240, JILOTEPEC,
EDO. DE MÉX. TEL.: 761 782 9101 EXT. 5728 Y 5102

GUANAJUATO **CÍA. FERRETERA NUEVO MUNDO S.A. DE C.V.**
AV. MÉXICO - JAPÓN #225, CD. INDUSTRIAL, C.P. 38010,
CELAYA, GTO. TEL.: 461 617 7578 / 79 / 80 / 88

GUERRERO **CENTRO DE SERVICIO ECLIPSE**
CALLE PRINCIPAL MZ.1 LT. 1, COL. SANTA FE, C.P. 39010,
CHILPANCIÑO, GRO. TEL.: 747 478 5793

HIDALGO **FERREPRECIOS S.A. DE C.V.**
LIBERTAD ORIENTE #304 LOCAL 30, INTERIOR DE PASAJE
ROBLEDO, COL. CENTRO, C.P. 43600, TULANCINGO,
HGO. TEL.: 775 753 6615 / 775 753 6616

JALISCO **SUCURSAL GUADALAJARA**
AV. ADOLFO B. HORN # 6800, COL: SANTA CRUZ DEL
VALLE, C.P.: 45655, TLAJOMULCO DE ZÚÑIGA, JAL.
TEL.: 33 3606 5285 AL 90

MICHOACÁN **FIX FERRETERÍAS**
AV. PASEO DE LA REPÚBLICA #3140-A, COL.
EX-HACIENDA DE LA HUERTA, C.P. 58050, MORELIA,
MICH. TEL.: 443 334 6858

MORELOS **FIX FERRETERÍAS**
CAPITÁN ANZURES #95, ESQ. JOSÉ PERDIZ, COL.
CENTRO, C.P. 62740, CUAUTLA, MOR.
TEL.: 735 352 8931

NAYARIT **HERRAMIENTAS DE TEPIC**
MAZATLAN #117, COL. CENTRO, C.P. 63000, TEPIC, NAY.
TEL.: 311 258 0540

NUEVO LEÓN **SUCURSAL MONTERREY**
CARRETERA LAREDO #300, 1B MONTERREY PARKS,
COLONIA PUERTA DE ANÁHUAC, C.P. 66052, ESCOBEDO,
NUEVO LEÓN, TEL.: 81 8352 8791 / 81 8352 8790

OAXACA **FIX FERRETERÍAS**
AV. 20 DE NOVIEMBRE #910, COL. CENTRO, C.P. 68300,
TUXTEPEC, OAX. TEL.: 287 106 5092

PUEBLA **SUCURSAL PUEBLA**
AV. PERIFÉRICO #2-A, SAN LORENZO ALMECATLA,
C.P. 72710, CUAUHTLACINGO, PUE.
TEL.: 222 282 8282 / 84 / 85 / 86

QUERÉTARO **ARU HERRAMIENTAS S.A. DE C.V.**
AV. PUERTO DE VERACRUZ #110, COL. RANCHO DE
ENMEDIO, C.P. 76842, SAN JUAN DEL RÍO, QRO.
TEL.: 427 268 4544

QUINTANA ROO **FIX FERRETERÍAS**
CARRETERA FEDERAL MZ. 46 LT. 3 LOCAL 2, COL. EJIDAL,
C.P. 77710 PLAYA DEL CARMEN, Q.R.
TEL.: 984 267 3140

SAN LUIS POTOSÍ **FIX FERRETERÍAS**
AV. UNIVERSIDAD #1850, COL. EL PASEO, C.P. 78320,
SAN LUIS POTOSÍ, S.L.P. TEL.: 444 822 4341

SINALOA **SUCURSAL CULIACÁN**
AV. JESÚS KUMATE SUR #4301, COL. HACIENDA DE LA
MORA, C.P. 80143, CULIACÁN, SIN.
TEL.: 667 173 9139 / 173 8400

SONORA **FIX FERRETERÍAS**
CALLE 5 DE FEBRERO #517, SUR LT. 25 MZ. 10, COL.
CENTRO, C.P. 85000, CD. OBREGÓN, SON.
TEL.: 644 413 2392

TABASCO **SUCURSAL VILLAHERMOSA**
CALLE HELIO LOTES 1, 2 Y 3 MZ. #1, COL. INDUSTRIAL,
2A ETAPA, C.P. 86010, VILLAHERMOSA, TAB.
TEL.: 993 353 7244

TAMAULIPAS **VM ORINGS Y REFACCIONES**
CALLE ROSITA #527 ENTRE 20 DE NOVIEMBRE Y GRAL.
RODRÍGUEZ, FRACC. REYNOSA, C.P. 88780, REYNOSA,
TAMS. TEL.: 899 926 7552


TLAXCALA **SERVICIOS Y HERRAMIENTAS INDUSTRIALES**
PABLO SIDAR #132, COL. BARRIO DE SAN BARTOLOMÉ,
C.P. 90970, SAN PABLO DEL MONTE, TLAX.
TEL.: 222 271 7502

VERACRUZ **LA CASA DISTRIBUIDORA TRUPER**
BLVD. PRIMAVERA ESQ. HORTENSIA S/N, COL.
PRIMAVERA, C.P. 93508, POZA RICA, VER.
TEL.: 782 823 8100 / 826 8484

YUCATÁN **SUCURSAL MÉRIDA**
CALLE 33 #600 Y 602, LOCALIDAD ITZINCAB Y MULSA,
MPIO. UMAN, C.P. 97390, MÉRIDA, YUC.
TEL.: 999 912 2451

CHILE **SERVITECMO**
PATRICIO LYNN 1555 LOC. 6 CIUDAD OSORNO, CHILE
TEL.: + 56 2 23502100

Code**101843****Model****DESI-36X****Brand** **TRUPER®**

This product is guaranteed for 2 years. To make the warranty valid or purchase parts and components you must present the product in Corregidora 35, Col. Centro, Alc. Cuauhtémoc, CDMX C.P. 06060 or at the establishment where you purchased it, or at any TRUPER® Service Center listed in the annex to the warranty policy and/or in WWW.TRUPER.COM. Transportation costs resulting from compliance of this warranty will be covered by  **TRUPER®**

For questions or comments, call 800-690-6990. Made in China. Imported by TRUPER, S.A. de C.V. Parque Industrial 1, Parque Industrial Jilotepec, Jilotepec, Edo. de Méx. C.P. 54257. Tel.: 76 1782 9100.

**2
YEARS**

Stamp of the business. Delivery date: