



# TECHNOGRIP PRODUCTS

An ISO 9001 : 2015 Certified Co.



*Quality makes us Different ...*





## PORTFOLIO INDEX



*Quality makes us Different ...*

COMPANY PROFILE	02-04
<b>PRODUCTS</b>	
RANGE OF FASTENERS	05
<b>BOLTS</b>	06-08
HEX HEAD BOLTS	06
SQUARE HEAD BOLTS	06
CARRIAGE BOLTS	07
ANCHOR BOLTS	07
STUDS	08
SHEAR CONNECTOR STUD	08
<b>NUTS</b>	09-11
HEX NUTS	09
HEX LOCK NUTS	09
PAL NUTS	09
HEAVY HEX NUTS	10
SQUARE NUTS	10
LONG NUTS	10
ANTI THEFT NUTS / SHEAR NUT	11
<b>WASHERS</b>	11-12
SPRING WASHERS	11
SQUARE WASHERS	11
FLAT WASHERS	12
A.R.E.A. HEAVY LOCK WASHERS	12
DTI WASHERS	12
HSFG BOLTS, NUTS & WASHERS	13
PRODUCTS FOR CRASH BARRIER	13
MISCELLANEOUS USE PRODUCTS	14
U-BOLTS / J-BOLTS / EYE BOLTS	14
PRE-LOAD BOLT ASSEMBLIES (HR)	15
CABLE TRAY & CABLE LADDERS	15
WELDMESH	15
RIVETS	16
POST SPIKES	16
INFRASTRUCTURE	17-18

# TECHNOGRIP PRODUCTS

An ISO 9001 : 2015 Certified Co.





## Marketing Under Our Own Brand "TGP"



**Technogrip Products** has come a long way since **establishment in the year 2010**. The company is having a wide range of products for Power Transmission Lines, Railways, Wind Mills, Road Crash Barriers, Bridges, Oil and Gas Refinery, Coal Mills, Pre-Fabricated Buildings, Sub Station Structures, Shipyard Operations, Heavy Engineering Industries, lighting poles, Special Fasteners, General Industries Fasteners, Auto Parts etc. Along with fasteners we are also manufacturing and supplying wire mesh, cantilever, cable tray, sheet metal items, post anchors & spike posts marketed under the brand name of "TGP". The company has the privilege of serving most quality conscious customers in the industry. We have built up the reputation of being a reliable and quality supplier source to our esteemed clients. The blend of through experience and technical expertise has enabled us to incorporate quality, perfection, accuracy and precision in our products.

Our highly motivated and qualified team of professionals works endlessly to ensure that the customers of the company are provided with the products, which are of the highest quality. The combination of these professional and the latest technology have virtually ensured that products developed and distributed by Technogrip Products is rated among the best in the industry. We have been growing immensely under the visionary guidance of our respected founder, S. Kamaljit Singh, who has been in this industry for over 23 years.

While giving its customers an extra touch Technogrip Products finds itself alone among others, to provide a widest range of fasteners at the most reasonable and competitive price for its ever growing customer base.

The company is striving to archive perfection in all its ends ours and would go that extra mile in order to achieve the best of the best.





1

## OUR MISSION

The Mission of our company results from its strategy. Its main aim is to continue improving the high quality of products and services. All our activities are determined by the diverse needs of our customers and aimed at meeting their ever-changing demands.

The priority for all our employees is to be able to provide every potential customer with top quality products, as the satisfied customer translates into our success. We intend to achieve this aim by meeting customer expectations, offering professional services and high quality products at competitive prices as well as providing diverse assortment of products.

2

## OUR VISION

Whole WORLD is on a single click today ..

Our vision is to provide quality products on competitive price to our customers who are pointed anywhere on globe. We know & we believe " OUR QUALITY MAKE US DIFFERENT "

3

## OUR CERTIFICATIONS

We are pleased to inform you, that TUV SUD of Germany has awarded us with ISO 9001:2015 certificates for quality standards we are maintaining.

We have also awarded CE mark that indicates conformity with health, safety and environmental protection standards for products sold within the EUROPEAN ECONOMIC AREA.







## Quality Policy

TechnoGrip Products stands for total customer satisfaction through best quality, timely delivery and is committed to continually improvement in its quality management system. We achieve total customers satisfaction by applying following parameters.

### Use of Genuine Material

- Producing Quality goods
- Adhering to delivery schedules
- Customer Satisfaction
- Competitive Prices

## Quality Control

We take look for quality control from the raw material stage, wherein we check chemical as well physical properties of it. All raw materials accepted and passed are free from cracks and surface discontinuities.



## >> RANGE OF COMMERCIAL & PRECISION FASTENERS

DIAMETER	LENGTH (MM)	
	Cold Forged	Hot Forged
M05	10 to 75	-----
M06	10 to 75	-----
M08	12 to 75	-----
M10	22 to 200	-----
M12	25 to 200	200 to 400
M14	25 to 200	200 to 400
M16	25 to 200	200 to 1500
M18	25 to 200	100 to 1500
M20	30 to 200	100 to 1500
M22	30 to 200	60 to 1500
M24	50 to 200	60 to 1500
M27	50 to 200	60 to 1500
M30	-----	60 to 1500
M33	-----	70 to 1000
M36	-----	80 to 1000
M39	-----	100 to 1000
M42	-----	100 to 1000
M45	-----	100 to 1000
M52	-----	100 to 1000
M56	-----	100 to 1000
M60	-----	100 to 1000
M64	-----	100 to 1000
M72	-----	100 to 1000







## >> BOLTS

We manufacture a wide range of bolts (**Hex Bolts, Sq head bolts, Sq Sq head bolts, HSFG Bolts, Carriage bolts, round head bolts, Dome head bolts, nib bolts, crash barrier bolts & As per drawing**) that are made from high quality raw materials. **TGP** brand bolts are processed by both hot & cold forming system.

## > HEX BOLTS

We provide Hex bolts in various types.

**Sizes:** DIA M8 to M72 and length from 12mm to 900mm

**Grades:** All grades 4.6, 4.8, 5.6, 6.8, 8.8, 10.9, B7, L7, A325, A394, A2-70 etc.

**Finishes:** Auto Black, HDG, Zinc Plated, PTFE, Teflon, Xylon, Cadmium, dichromate, Rilson, Nickel etc.

**Standards:** As per all IS, ISO, DIN, ANSI, BS, ASTM, JIS Standards & non-standard as per customers drawing.



## > SQUARE HEAD BOLTS

We are manufacturing Sq Head bolts and Nuts as per industrial standards.

**Sizes:** Sq Bolts M8 to M30 and Sq Sq Bolts M16 to M56

**Grades:** All grades 4.6, 4.8, 6.8 & 8.8

**Finishes:** Auto Black, HDG, Zinc Plated, PTFE, Teflon, Xylon, Cadmium, dichromate, Rilson, Nickel etc.

**Standards:** As per all IS, ISO, DIN, ANSI, BS, ASTM, JIS Standards & Non-Standard as per customers drawing.



## > CARRIAGE BOLTS

Manufacture carriage bolts/ Mushroom Head Square Neck Bolts as per following parameters :

**Sizes:** M6 to M24

**Grades:** 4.6, 4.8, 5.6, 8.8, 10.9

**Finishes:** Auto Black, HDG, Zinc Plated, PTFE, Teflon, Xylon, Cadmium, dichromate, Rilson etc.

**Standards:** DIN-603/ IS:2609/ ISO-8677/ BS-4933



## > ANCHOR BOLTS

TGP produce foundation bolts, anchor bolts in I-shape, J- shape and L-shape. Further, as per the requirements of our valuable clients. We follow prescribed industrial standards in our manufacturing process, in order to deliver world-class products to our esteemed clients.

**Sizes:** DIA up to 72 mm and length up to 2 meter.

**Material :** Mild steel, High Tensile, Alloy steel, stainless steel and special material to meet the physical properties at - 40 degree centigrade.

**Finishes:** Self, Black, HDG, Teflon.

**Standards:** As per customer's requirement (I-shape, L-shape, J-Shape etc.)







## >> STUDS

Our company is counted among the leading manufacturers of best quality range of studs. These studs can be availed in different dimensions as per the requirement of the client. Studs may be full threaded, half threaded & double ended.

**Sizes:** DIA M12 to M72 and length up to 1000mm or equivalent in inches series.

**Grades:** All grades 5.6, 8.8, 10.9, B7, L7 etc.

**Finishes:** Auto Black, HDG, Zinc Plated, PTFE, Teflon, Xylon, dichromate, Rilson etc..

**Standards:** IS 1862, DIN 938, ASTM A193, DIN 976 and as per customers drawing.



*Touch  
The Perfection  
with perfect fittings !!*



## > SHEAR CONNECTORS

The latest technology used in construction of buildings and bridges. They are used as a major element in the composite structure. Excellent quality, high load bearing capacity, durability, faster speed of construction, etc. are some of the reasons why it is gaining popularity in the construction industry.

"Shear connector means headed steel studs. These are welded to a structural member for achieving composite action with concrete. Shear connector is one of the major elements in the composite structure."

**Sizes:** 10 mm to 25 mm and length up to 350 mm

**Specifications :** ISO 13918

**Finishes:** Self

**Grade:** As per standard



## >> NUTS

TGP has a comprehensive range of nuts using hot forging, cold forging, bar turning & milling process. We are manufacturing **Hex Nuts, Heavy Hex Nuts, Long Nuts, Lock Nuts, Square Nuts, Anti-theft Nut & Rectangular Nuts.**

## > HEX NUTS

We are producing Hex Nuts, Heavy Hex Nut, Long Nuts, Lock Nuts, Flange Nuts and Nylock Nuts .

**Sizes:** M5 to M120

**Grades:** 4, 5, 6, 8, 10, 12 etc.

**Finishes:** Auto Black, HDG, Zinc Plated, PTFE, Teflon, Xylon, Cadmium, dichromate, Rilson etc.

**Standards:** As per all IS, ISO, DIN, ANSI, BS, ASTM, JIS Standards.



## > HEX LOCK NUTS

Lock Nuts are used for locking purpose. A thin/ lock nut that is assembled with a regular nut to lock both nuts in place. The lock nut provides extra resistance that helps prevent loosening.

**Sizes:** M8 to M100

**Grades:** 4, 5, 6, 8, 10 etc.

**Finishes:** Auto Black, HDG, Zinc Plated, PTFE, Teflon, Xylon, Cadmium, dichromate, Rilson etc.

**Standards:** IS, ISO, DIN Standards.



## > PAL NUT

A Pal nut is a locking device for nuts which is made of spring sheet metal. The pal nut is screwed on the bolt on top of an ordinary nut, and has a series of protruding barbs that locks the nut in place when the nut is tightened. The Pal nut itself is reusable. A Pal nut should not be used as a substitute for a positive locking device such as a castellated nut or nuts with safety wire.

**Sizes:** M12 to M24

**Grades:** 4, 5, 6, 8, 10 etc.

**Finishes:** HDG

**Standards:** IS, ISO, DIN Standards.







## > HEAVY HEX NUTS

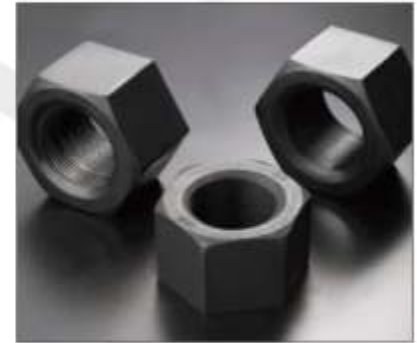
Heavy Hex Nuts are internally threaded fastener which is both thicker and wider than a same-sized finished hex nut. These are mainly used in structural plant, bridges etc. We are offering Hv hex nuts in Metric and inches (imperial).

**Sizes:** M16 to M72 (5/8" to 3")

**Grades:** 8, 10, 2H, 2HM, 4 & 7 etc.

**Finishes:** Auto Black, HDG, Zinc Plated, PTFE, Teflon, Xylon, dichromate, Rilson etc.

**Standards:** ASTM, ANSI, DIN, BS



## > SQUARE NUTS

We are manufacturing Sq Nuts for general and industrial use.

**Sizes:** M16 to M56

**Grades:** 4, 5, 6, 8, 10 etc.

**Finishes:** Auto Black, HDG, Zinc Plated, PTFE, Teflon, Xylon, Cadmium, dichromate, Rilson etc.

**Standards:** DIN 557 & Customer Drawing



## > LONG NUTS / COUPLER NUTS

Coupler Nut also known as extension nut is a threaded fastener for joining two male threads, most commonly a threaded rod but also pipes. The outside of fastener is the hex usually so a wrench can hold it.

**Sizes:** M10 to M30

**Grades:** 5, 6, 8, 10 etc.

**Finishes:** Black, HDG, Zinc Plated etc.

**Standards:** DIN 6334



## > ANTI-THEFT NUT/ SHEAR NUT

Shear Nuts (anti-theft nuts) also known as breakaway nuts, are a permanent security solution. These nuts are used with Dome head bolts & Saddle bolts. It has a hexagon part which shears off at a predetermined torque. It is installed using standard hex socket or spanner. Once installed, the Shear Nut leaves a tamper resistant cone.

A high security permanent nut fastening designed to prevent unauthorized tampering or removal of equipment or facilities, breakaway nuts are typically used in public areas and within the fencing industry, e.g. for security perimeter fencing, and the automotive industry. Can be used anywhere where a permanent fixing is needed.

### Features :

- One of the best security solution.
- Breakaway hex nut and cone shaped permanent nut
- Suitable for high torque applications
- Vibration resistant
- Tightened using standard spanner or socket

**Sizes:** M6, M8, M10, M12, M16, M20, M24

**Grades:** 5, 8, 10, SS204, Ss304

**Finishes:** Zinc Plated, HDG, Self



## >> WASHERS

We are offering various sizes of washers which are used to support the load of fasteners. We are supplying round washers, spring washers, sq washers, flat washers, pack washers in all standards.

## > SPRING WASHERS

Spring washers are widely used in auto industries, Electrical, Tractors, Automobile Industry, Switchgears, Transformers, Appliances, Transmission, Tower, Railway & General Machineries etc. Washers are produced on automatic machines with close tolerance, under strict quality control & careful processing. These are manufactured using premium quality raw material by our established vendors. Our range of Washers is highly appreciated for its precise dimension, wears & tears resistance, corrosion resistance, and long functional life. Further, to meet the variegated requirements of our clients, these washers are also provided in customized forms.

**Sizes:** M5 to M45

**Grades:** En42 Steel

**Finishes:** Black, HDG, Mech. Galv, Zinc plated

**Standards:** DIN 127, IS: 4072, IS: 3063







## > SQUARE WASHERS

We are manufacturing square washers as well as curved washers using quality tested raw-material. These can be availed at the most reasonable rates to our esteemed clients.

**Sizes:** M12 to M72

**Grades:** MS & En8

**Finishes:** Black, HDG, Mech. Galv, Zinc plated, PTFE,

**Standards:** DIN ,IS, ISO, ANSI and as per customer's need



## > FLAT WASHERS

Flat washers available in all DIA from M5 to M72 & all finishes as per DIN 125, DIN126, ANSI/ASME B18.22.1, ASTM F-436, DIN 440, DIN 446, DIN 9021, DIN 7989, DIN 6916, DIN EN 14399, ISO 7416, ISO 7089, ISO 7091, IS:2016, BS4320 etc.



## > A.R.E.A. HEAVY LOCK WASHERS

**Sizes:** M12 to M42 Thickness up to 13.50mm

**Grades:** En42

**Finishes:** Self, Auto black

**Standards:** As per Area Standard



## > DTI WASHERS

DTI's are like little individual weigh scales, which measure the bolt tension developed during tightening, regardless of the torque resistance of the bolt. By far the simplest method, a DTI is put on one or the other end of all bolts, and after snugging the joint by partially (but not fully) compressing the DTI, all the DTI's are "crushed" to the point where a feeler gage cannot be inserted half way around

**Sizes:** M12 to M36

**Grades:** 8.8, 10.9, A325 & A490

**Finishes:** Phosphated, Hot dip Galvanized, Zinc plated

**Standards:** As per Area Standard



## >> HSFG BOLT, NUTS & WASHERS

TGP produce a variety of High Strength Friction Grip Bolt, Nut & washer. These are manufactured in compliance with all standards. Our range of bolts is acknowledged amidst our clients for resistant to corrosion & temperature and high tensile strength. We offer these bolts as per the specifications laid down by our industrial clients.

**Sizes:** DIA M16 to M36

**Grades:** 8.8S & 10.9S, A325, A490, B7 & L7

**Net Grades:** 8S, 10S, 2H, 4 & 7

**Washer Grades:** 8, F-436

**Finishes:** Black, Zinc plated, Hot dip galvanize, PTFE/ Teflon or as per customer's requirement.

**Standards:** DIN, IS, ISO, ASTM



## >> PRODUCTS FOR CRASH BARRIER

### > GUARD RAIL BOLTS / BUTTON HEAD BOLTS, NIB BOLTS

These kinds of bolt are mainly used in the installation of Road Crash Barriers/ Guard Rails at the road sides and turning points of roads to safeguard the fatal accidents and the safety of vehicles. We manufacture these Bolts as per customer's requirement.

**Sizes:** M12 to M20

**Grades:** 4.6, 4.8, 5.6, 6.8, 8.8, 10.9

**Finishes:** Self, Auto black, Hot dip galvanize and Zinc Plated

**Standards:** DIN, ISO, BS, RAL, As per drawing







## >> PRODUCTS FOR RAILWAY USE

### > U - BOLTS

**Sizes:** M8 to M24

**Grades:** 4.6, 4.8, 5.6, 6.8, 8.8, A325

**Finishes:** Self, Auto black, Hot dip galvanize and Zinc Plated

**Standards:** As per drawing



### > J-BOLTS

**Sizes:** M12 to M24

**Grades:** 4.6, 4.8, 5.6, 6.8, 8.8, A325

**Finishes:** Self, Auto black, Hot dip galvanize and Zinc Plated

**Standards:** As per drawing



### > EYE BOLTS & EYE NUTS

We are counted as one of the reliable Eye Bolts Manufacturers in India. We manufacture forged eye-bolts, Lifting eye bolts & Nuts as per National & International Standard or as per customer's drawing.

**Sizes:** DIA M16 to M39

**Bolt's Grades:** 4.8 & 8.8

**Nut's Grades:** 5, 8

**Finishes:** Black, Zinc plated, Hot dip galvanize.

**Standards:** DIN-444- B/ DIN 580/DIN 582 etc



## >> EN 14399-3 Preload Bolt Assemblies (HR)

We are the manufacturer of pre-loaded fasteners to EN 14399. We supply assemblies from M12 to M36 with grade 8.8 & 10.9. Typical assemblies to EN 14399 include hexagon head bolt (HR Bolt) to EN 14399-3, hexagon nut to EN 14399-3 and hard washer to EN 14399-5 (used under nut) or EN 14399-6 (usually used under bolt head). Additionally, for full compliance with k-Class k0, our company supply Direct Tensions Indicator washers to EN14399-9. For grade 8.8 & 10.9 assemblies, together with DTI washers supplied are hard washers (bolt face or nut face washers) to EN 14399-9 which are used on top of the DTI washer.



We are also manufacturing preload bolt assemblies to EN 14399-4

**Sizes:** M12 to M36

**Grades:** 8.8 HR, 10.9HR & 10.9HV

**Finishes:** Black, HDG as per customers requirement.

## >> CABLE TRAY & CABLE LADDERS

We are offering cable trays, cable trunking, cable ladders with full accessories.

**Material Grade:** ASTM A36 and SS 316

**Finishes:** HDG, Pre-galvanized, Powder coating

**Standard Length:** 2.44 mtr Zinc Plated



## >> WELD MESH

We offer Welded Mesh which is one of the most versatile of industrial wire products and has innumerable applications throughout all types of industry. It is generally manufactured in mild, galvanized, stainless steel & PVC in different width, size and gauge.

### Features :

- Durable design
- Fine finish
- Rust resistant

### Available Sizes :

10 gauge, 12 gauge

3 X 1

3 X 2

3 X 3

and as per customer customer specification







## >> PRODUCTS FOR MISCELLANEOUS USES

### > RIVETS

We are producing rivets using mild steel from 12mm to 20mm.



### > POST SPIKE

We manufacture, supply and export quality Post Spikes to our clients at competitive range. Post Spike is made under the direction of our experienced and committed experts and ensures before sending. We manufacture these using the premium quality raw materials and as per the defined industry standards. These are used for the installation of Solar Panel, Fencing post, Flag poles, Traffic signs, Bill boards and Sheds. TGP® Post anchors can be easily anchored to the ground, no digging and no concrete required. Post anchors are available in HDG, steel, powder coated and other materials.

**Post Anchor Sizes:** 3.1/2" x 3.1/2", 4" x 4", 5" x 5", 6" x 6" HDG and powder coating high grade steel. Used for Wood Fencing, Street Signs, Construction, Portable Building, Road Signs and more.

**Concrete Pole anchors:** Material Fe360 with HDG and Powder Coating.



# TECHNOGRIP PRODUCTS

An ISO 9001 : 2015 Certified Co.



Quality makes us Different ...

## >> INFRASTRUCTURE

few  
pics of our  
Infrastructure

Our infrastructure is the backbone of our company. Leveraging on the infra structural facility, we boast of producing both quantitative and qualitative range of Nuts, Bolts, Washers, Roadside barriers, Spike post etc. Our manufacturing unit is facilitated by advanced machines and equipment with cutting edge technology, which is meticulously maintained by the skilled workforce. Our installed machinery are in perfect working conditions to ensure maximum out put.



WE ARE SERVING







## >> PROJECTS:

*Some of major projects where our products were used are mentioned below:*

- Bogibeel Rail-cum- Road Bridge on Brahmaputra, Dibrugarh Assam - India
- (2253) National Highway-34 Pkg 3 Bahr - Fark (BOT), West Bengal – India
- Pipe Racks & Steel Buildings for SNCP (ABB)- Oman
- Oman Museum : across Ages, Oman
- 2 x 360 MW Coal Power Plant – Punta Catalina - Peravia – Dominican Republic
- Chhabra Thermal Power- India
- U.P. Jal Nigam Agra Project- India
- Tuticorin Coal Terminal Pvt Ltd- India
- BOP of 2x500 MW Neyveli Project, Tamil Nadu- India
- Nigeria Electricity and Gas Improvement Project (NEGIP) LOT 1 to 6 - Nigeria
- PNG LNG- EPC5A Onshore Pipeline Project, Papua New Guinea
- Site DVLP Jubail 2, Stage 2 (172- C01) – K.S.A
- Tabuk- Construction of Water Network Phase (3) – K.S.A

## >> Find us on GOOGLE virtual tour

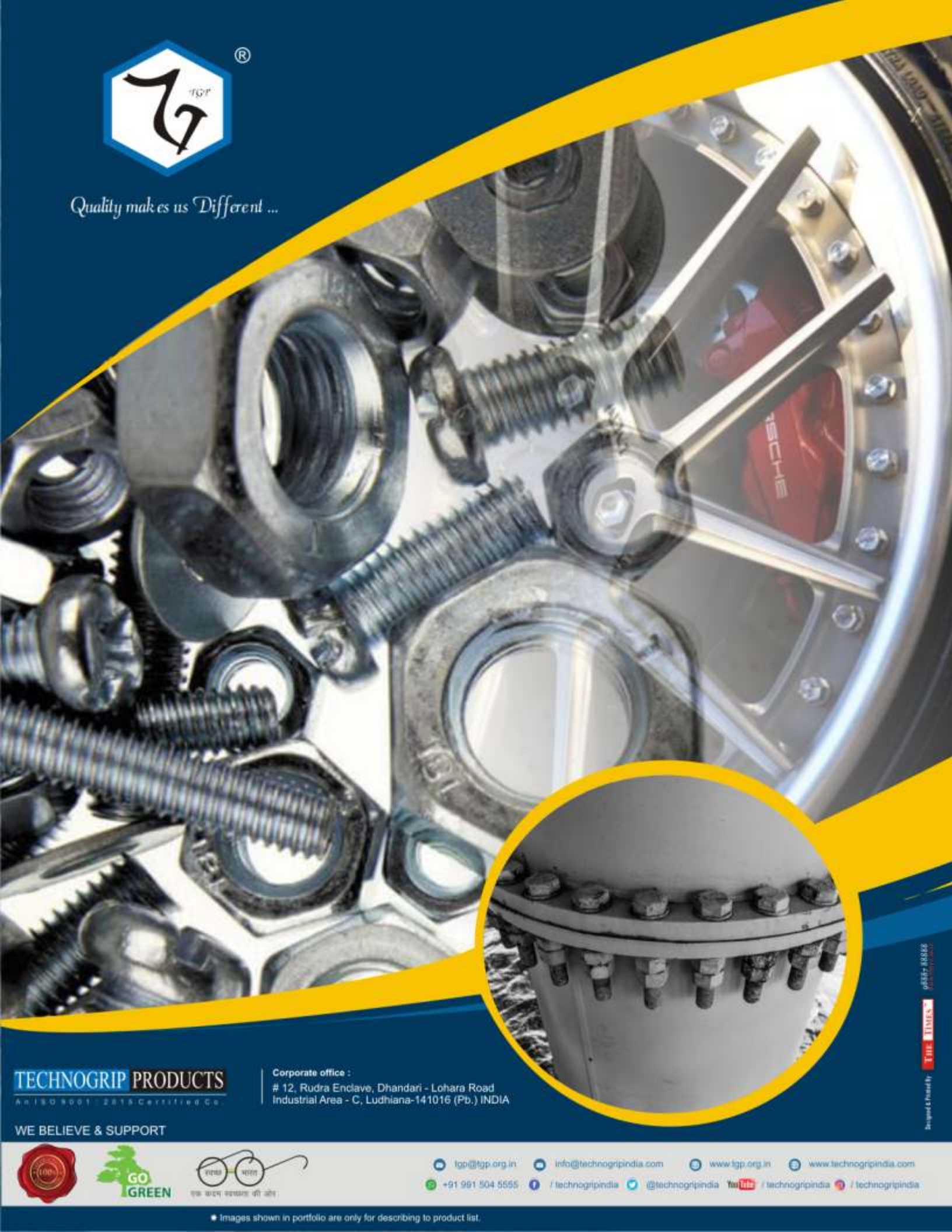
You can visit our factory **VIRTUAL TOUR** on **Google** by searching or browsing <https://bit.ly/2vldpDs>







Quality makes us Different ...



**TECHNOGRIP PRODUCTS**  
An ISO 9001:2015 Certified Co.

Corporate office :  
# 12, Rudra Enclave, Dhandari - Lohara Road  
Industrial Area - C, Ludhiana-141016 (Pb.) INDIA

WE BELIEVE & SUPPORT



[tgp@tgp.org.in](mailto:tgp@tgp.org.in) [info@technogripindia.com](mailto:info@technogripindia.com) [www.tgp.org.in](http://www.tgp.org.in) [www.technogripindia.com](http://www.technogripindia.com)  
[+91 981 504 5555](tel:+919815045555) [/ technogripindia](https://www.facebook.com/technogripindia) [@technogripindia](https://www.instagram.com/technogripindia) [YouTube / technogripindia](https://www.youtube.com/technogripindia) [/ technogripindia](https://www.linkedin.com/company/technogripindia)

• Images shown in portfolio are only for describing to product list.