



# OM TECHNOLOGIES PVT LTD

We Hold Tight

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# OVERVIEW

Om Technologies specializes in manufacturing complicated cold forging & machined components such as **Rivet Nuts, Clinch Nuts and Bushes**



**25+**

Year of Operations



**45,000 sq ft**  
Plant Area



**100+**  
Customers & SKUs

## Core Values

**Customer Centricity**

**Global Quality**

**Transparency**

# KEY MILESTONES



1995

Commenced manufacturing of turned components for Bajaj Auto

2004

Became one of the first plants in Waluj MIDC to become ISO certified

2018

Started precision fastener manufacturing for Honda supply chain

2021

Started supplies of Hot Forging fasteners for windmills

2023

Entered clinch components business for Schneider Electric supply chain

# PRODUCTS – CLINCH COMPONENTS

**Rivet Nuts**



**Clinch Nuts**



**Special Bushes**

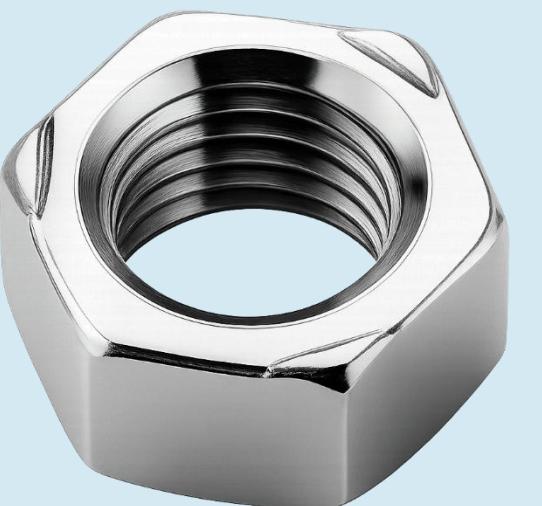


# PRODUCTS – NUTS

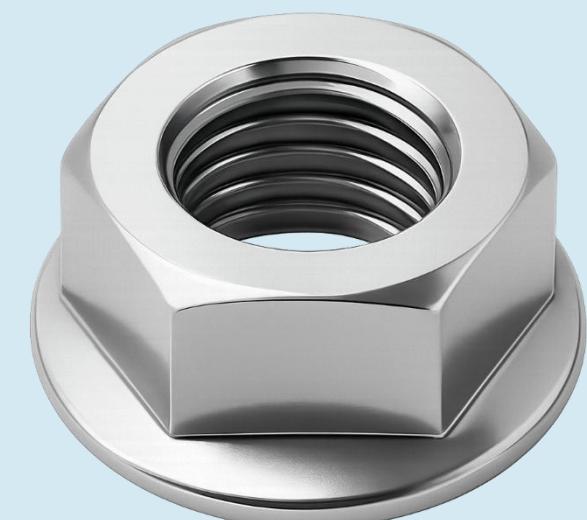
**Square Nuts**



**Weld Nuts**



**Flange Nuts**



# PRODUCTS – TURNED COMPONENTS

**HOT FORGING NUTS**



**AUTOCOMPONENTS**



**TURNED SHAFTS**



# RIVET NUTS



## Rivet Nuts: Sizes M4 to M8

- All shaped of rivet nuts are available available such as Round Head, Reduced Head, Semi Hex, Full Hex
- Complete setup of measurement of pullout & pushout torque and torque to turn ratio
- Full Customization Available - Flange and Body Dimensions, Grip Range and End Configurations

## Industries

- Electronic and Electrical equipment
- Automotive

## Applications

- Control Panels
- Switch Gear
- Telecom

→

- Dashboard assembly
- Battery case
- Trailers &

# HEX AND FLANGE NUTS



## Hex Nuts and Flange Nuts - DIN 934, ISO 4032, DIN 6923, JIS B1190

- Flange Nuts as per DIN 6923 as well as customizes as per customer specific requirements
- We are doing variety of flange sizes and threading in UNC, UNF, BSW and metric
- We also do hot forging nuts as big as M56 Hex Nut and M36 Flange nut

### Industries

- Wind Energy
- Automotive

### Applications

- Turbine Blades
- Nacelles
- Tower sections
- Transmission
- Safety
- Others

# MANUFACTURING FACILITY



## Nut Formers

High Speed 6 station and 7 station long stroke nut formers from reputed brands - Total of **11 Nut Formers**



## Tapping

Servo Controlled and Pneumatically controlled precision tapping machines - Total of **18 Tapping Machines**

# MANUFACTURING FACILITY



## CNC Turning

High speed turning machines & VMC from LMW and Ace Micromtic -  
Total of **8 CNC Machines and 1 VMC Machine**



## Tool Room

EDM, Milling, Lathe, Surface Grinder, Polishing adda all available in-house for complete control of tools

# MANUFACTURING FACILITY



## Cutting

Automatic Bandsaw cutting (No man required) for rods upto 80mm.  
Speed is about 250pcs/hour – Total 2 **ITL Bandsaw** available

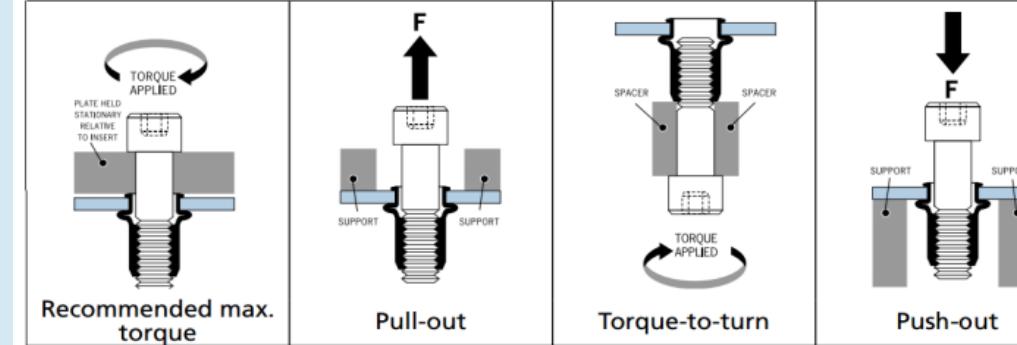


## Hot Forging

200Ton forging press for manufacturing of M30 and above hex nuts and flange nuts



# QUALITY ASSURANCE

PERFORMANCE TEST REPORT																							
Customer Name :	-																						
Customer PO No. & Date :	-																						
PO Quantity :	-																						
Invoice No. & Date :	-																						
Part Desc. :	Hydranut, M6 Serrated Large Flange Steel, Zinc Plated, Grip Range: 2-3mm																						
Material :	STEEL																						
																							
<b>Test Data (Min. Performance)</b> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Test Item:</th> <th>Drg. Spec. Unit ( Min )</th> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>MAXMIUM TORQUE</td> <td>15 N.m</td> <td>25.00</td> <td>25.00</td> <td>24.90</td> </tr> <tr> <td>3</td> <td>TORQUE TO TURN</td> <td>4.5 N.m</td> <td>8.80</td> <td>8.60</td> <td>8.70</td> </tr> </tbody> </table>						Sr. No.	Test Item:	Drg. Spec. Unit ( Min )	1	2	3	1	MAXMIUM TORQUE	15 N.m	25.00	25.00	24.90	3	TORQUE TO TURN	4.5 N.m	8.80	8.60	8.70
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<b>Test Conditions</b> <ul style="list-style-type: none"> <li>Test Instrument : Compression Tester , Torque Tester .</li> <li>Plate Thickness : 2.00 – 3.00mm</li> <li>Hole Size : 9.00 – 9.10 mm</li> <li>Thread Size : M6 X 1 - 6H</li> </ul>																							

## Crimping Test

Maximum Torque, Pull out push out torque, torque to turn all tests are conducted at our end



## Hardness Test

Rockwell hardness, between center, height gauge, TPGs and Plug gauges all available in-house

# KEY CLIENTS



SIMMONDS  
MARSHALL  
LIMITED



# MEET OUR TEAM



**Shyam Chhawchharia**

Managing Director  
B-Tech, BIT Mesra



**Umang Chhawchharia**

Director  
B-Tech, IIT Bombay

# CONTACT US

## OUR CONTACT:



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# THANK YOU

