



PR Fasteners
Nut forming

UNIT PROFILE | NUT FORMING | EST. 2024

PR Fasteners

Cold forged hex and special nuts, M4 to M16 as standard and specials to drawing, formed, tapped and gauged on Plot 208, HSIIDC Rohtak.

PLOT NO. 208, HSIIDC, KHUTANA, HISSAR ROAD
ROHTAK 124001 (HARYANA), INDIA

+91 93152 85000
INFO@PRPRODUCTS.IN

THE UNIT

Nut forming

PR Fasteners opened in 2024 on Plot 208, HSIIDC, Hissar Road, Rohtak. It runs a multi station nut forming line producing cold forged hex and special nuts from M4 to M16, with tapping and gauging on the same floor, so a nut leaves the plant threaded, checked and packed.

Cold forging keeps the grain flowing with the shape of the nut rather than cutting through it, which is why a formed nut carries more load than a machined one of the same size. Certified wire rod goes in at one end of the shop and boxed nuts come out at the other.

125 T Tonnes forged a month	M4–M16 Standard nut range, specials to drawing	2024 Established on Plot 208	5 Material grades run on the line
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PRODUCT RANGE

What the unit makes

The nut forming line runs a standard range of hex and special nuts, so tooling already exists and lead times are short. Specials to drawing are routine work.

Nuts

- Hex Nuts
- Heavy Hex Nuts
- Thin and Jam Nuts
- Flange Nuts
- Hex Weld Nuts
- Square Weld Nuts
- All Metal Lock Nuts
- Nylock Nuts
- Rivet Nuts
- Round Head T-Nuts
- Square Head T-Nuts

Finishes supplied

- Plain and oiled
- Zinc and zinc alloy electroplated
- Zinc flake coated
- Pre-applied thread locking

MATERIAL GRADES

1010

1018

15B25

16MNCR5

SS316



A SAMPLE OF THE RANGE

Parts that run regularly

Tooling for these already exists, which is what keeps deliveries short. Sizes and types outside the list are usually still possible, and specials to your print are routine work.



Hex Nuts



Heavy Hex Nuts



Thin and Jam Nuts



Flange Nuts



All Metal Lock Nuts



Nylock Nuts



Hex Weld Nuts



Square Weld Nuts



PROCESS

From wire rod to packed box

01

Wire rod in

Certified wire rod is checked against the mill certificate, then drawn and cut to the slug weight the nut needs.

02

Cold forging

Multi station nut formers upset, pierce and trim the slug into a hex or special blank. Grain flow follows the shape, so the finished nut carries more load than a machined one.

03

Tapping

Blanks are tapped in line to the thread class on the drawing, with in process gauging as the batch runs.

04

Gauging and packing

Thread ring and plug gauges on every batch, then the nuts are counted, packed and labelled with the batch number.



ON THE FLOOR

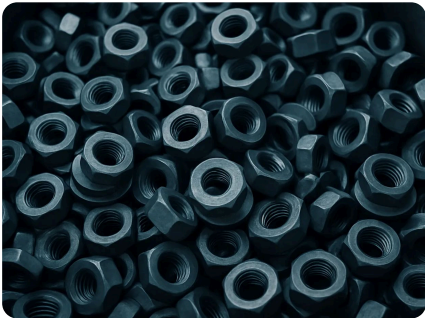
Lines on the floor

Forming	Nut forming line
Range	M4 to M16 standard, specials to drawing
Capacity	125 tonnes a month
Material	1010, 1018, 15B25, 16MnCr5, SS316 wire rod

AROUND THE PLANT



Certified wire rod, checked in



Formed nuts off the line



Nut forming line



Tapping and threading



Secondary operations



Thread ring and plug gauges

WORKS

Plot No. 208, HSIIDC, Khutana, Hissar Road, Rohtak 124001 (Haryana), India

QUALITY

Measured before it ships

- Incoming wire rod checked against the mill certificate
- In process gauging on the forming line
- Thread ring and plug gauges on every batch before packing
- Across flats, height and thread form checked on the profile projector
- Hardness and salt spray reports supplied where the drawing calls for them

INSPECTION



Thread ring and plug gauges



Profile projector, thread form and across flats



WHERE THE NUTS GO

Industries served

Automotive

Chassis and body fasteners · Brackets · Suspension · Assembly line nuts

Two wheelers

Frame and engine mounting · Brackets · Wheel and brake hardware

Agricultural equipment

Tractors · Implements · Structural fasteners

General engineering

Machinery · Electrical equipment · Construction hardware · Fabrication

CONTACT

Works

Plot No. 208, HSIIDC, Khutana, Hissar Road,
Rohtak 124001 (Haryana), India

+91 93152 85000

+91 89501 85000

info@prproducts.in

Send with an enquiry

- Drawing or standard, and thread size
- Material grade
- Finish required
- Quantity and delivery schedule
- Any hardness or salt spray requirement



NUT FORMING, ROHTAK

Formed, tapped and gauged on one floor since 2024.

Send the drawing, thread size, material, finish and quantity. Monday to Saturday, 9:30 to 18:30 IST.