



**NEW STAR INDUSTRIES**

An IATF 16949 : 2016 Company

HIGH TENSILE  
**FASTENERS**



**RDSO** Approved

[www.newstarinds.com](http://www.newstarinds.com)



# COMPANY PROFILE



NEW STAR Industries is An IATF 16949:2016 Certified Company & RDSO Approved for Heavy Structure bolting assemblies engaged in manufacturing of High Tensile Automotive and Industrial Fasteners. The company has been serving the Automobile and Industrial segment for more than 65 years.

Since our foundation in 1957, we have consistently invested our capital into operations and new technology; devoted our entire company to continuous improvement in all aspects of our organization — TQM, 5 Sigma and QoS measurables — and developed long-term relationships with our clients throughout the world. Today NEW STAR is run by Er. Amandeep Singh Bhamra & Vikramjeet Singh Bhamra , the third Generation of this family owned business. Under the leadership of Mr. Narinder Singh Bhamra - President, FMAI.

New Star Industries Caters to the Automotive, Railways & Construction sectors and supplies to almost all of the major industry domains in india as OE supplier. Most of the india's finest companies source their fasteners requirements form us.

## CERTIFICATION





# INFRASTRUCTURE



## **Growth strategy:**

We are excited to announce that, due to our remarkable growth over the last years, NEW STAR Industries is expanding! In fact, we are establishing a New Facility in Ludhiana, Punjab.- NEW STAR AUTOCOMP In this Plant we will manufacture quality Fasteners and Forgings for our Automotive and Engineering Sector Customers.

## **Our Vision:**

Our vision for NEW STAR Group over the next three years is to create 1000 jobs for the people of India and contribute to the economic growth and development of our country. Through our commitment to innovation, excellence, and industry leadership, we aim to establish ourselves as a trusted provider of high-quality fastening solutions, both domestically and internationally.

## **Our Team:**

Operators, technicians, engineers and other helping hands are the integral parts, along with the management, managers and staff in sales and marketing.

## **MANUFACTURING FACILITY :**

- » Bolt Header (M20 to M27) Cold forging
- » Boltmaster ( M8 to M18) Cold forging
- » Nut Former ( M5 to M24) Cold forging
- » Hot Forging Press ( M22 to M72 ) Hotforging
- » Screw Forging (M20 to M72) Long Bolt Hot Forging
- » Continuous Mash Belt Furnace- Scada Controlled
- » Shaker Health Furnace- Scade Controlled
- » Special Purpose Machines
- » CNC Machines
- » Milling Machines
- » Broaching Machines

## **TESTING FACILITY :**

- » Spectrometer
- » UTM
- » Rockwell Hardness Tester
- » Impact Testing Machine
- » Microscope with image analyzer
- » RA Value Testing Equipments
- » SST Chamber
- » Torque Testing Equipments
- » Profile Projector
- » Magnaflux
- » Mobile Spectro

## **PLATING FACILITY :**

- » Zinc Phosphate Plant
- » Zinc Electro Plating Plant
- » Zinc Aluminium flake Coating Plant
- » Hot Dip Galvanizing Plant





**BOLTS**



**Wheel Bolts**

| Product Details | Metric                   |
|-----------------|--------------------------|
| <b>Dia</b>      | M14-M22                  |
| <b>Length</b>   | up to 150mm              |
| <b>Grade</b>    | 8.8, 10.9, 12.9          |
| <b>Standard</b> | As Per Customer Drawing. |



**Hex Head Bolts / Screws**

| Product Details | Metric                                                                                     |
|-----------------|--------------------------------------------------------------------------------------------|
| <b>Dia</b>      | M6 - M64                                                                                   |
| <b>Length</b>   | 12mm - 500mm                                                                               |
| <b>Grade</b>    | 4.6, 5.6, 6.8, 8.8, 10.9, 12.9                                                             |
| <b>Standard</b> | ISO 4014, DIN 931, IS-1364- 1 - Half Thread<br>ISO 4017, DIN 933, IS-1364- 2 - Full Thread |



**Flange Bolts**

| Product Details | Metric                        |
|-----------------|-------------------------------|
| <b>Dia</b>      | M6 - M42                      |
| <b>Length</b>   | 16mm - 400mm                  |
| <b>Grade</b>    | 8.8, 10.9, 12.9               |
| <b>Standard</b> | ISO 4162, DIN 6921, JISB 1189 |



**Heavy Hex Head Structural Bolts**

| Product Details | Metric                       | Inches     |
|-----------------|------------------------------|------------|
| <b>Dia</b>      | M12 - M36                    | 1/2" to 3" |
| <b>Length</b>   | 40mm - 500mm                 | upto 20"   |
| <b>Grade</b>    | 8.8, 10.9, 12.9              |            |
| <b>Standard</b> | EN 14399, IS 3757, ASTM A325 |            |

# BOLTS



## Socket Head Cap Screw

| Product Details | Metric          |
|-----------------|-----------------|
| <b>Dia</b>      | M6 - M64        |
| <b>Length</b>   | 16mm - 400mm    |
| <b>Grade</b>    | 8.8, 10.9, 12.9 |
| <b>Standard</b> | ISO 4762        |



## Countersunk Socket Head Screw

| Product Details | Metric          |
|-----------------|-----------------|
| <b>Dia</b>      | M6 - M24        |
| <b>Length</b>   | 16mm - 400mm    |
| <b>Grade</b>    | 8.8, 10.9, 12.9 |
| <b>Standard</b> | ISO 10642       |



## Front Spring Bolts

| Product Details | Metric                  | Inches     |
|-----------------|-------------------------|------------|
| <b>Dia</b>      | M16 - M24               | 5/8" to 1" |
| <b>Length</b>   | up to 500mm             | up to 20"  |
| <b>Grade</b>    | 10.9, 12.9              |            |
| <b>Standard</b> | As Per Customer Drawing |            |



## Carriage Bolts

| Product Details | Metric          |
|-----------------|-----------------|
| <b>Dia</b>      | M6 - M42        |
| <b>Length</b>   | 16mm - 400mm    |
| <b>Grade</b>    | 8.8, 10.9, 12.9 |
| <b>Standard</b> | ISO 2609        |



**BOLTS**



**Round Head Rivet**

| Product Details | Metric                  |
|-----------------|-------------------------|
| <b>Dia</b>      | M10 - M24               |
| <b>Length</b>   | up to 200mm             |
| <b>Material</b> | SAE1010, SAE1018        |
| <b>Standard</b> | As Per Customer Drawing |



**Self Tapping Screws**

| Product Details  | Metric                                                                               |
|------------------|--------------------------------------------------------------------------------------|
| <b>Material</b>  | SAE1015, SAE 1018, 10B21, 15B25                                                      |
| <b>Standard</b>  | As Per Customer Drawing                                                              |
| <b>Condition</b> | Hardened & Tempered                                                                  |
| <b>Standard</b>  | Cross Recess drive self tapping screw conforming to ASB 194, CSK, Pan & Raised head. |



**Foundation Bolts**

| Product Details | Metric        |
|-----------------|---------------|
| <b>Dia</b>      | M12 - M24     |
| <b>Length</b>   | up to 3 Metre |
| <b>Grade</b>    | 4.6, 8.8      |
| <b>Standard</b> | IS 5624       |



**Square Head Bolts**

| Product Details | Metric                   |
|-----------------|--------------------------|
| <b>Dia</b>      | M16 - M36                |
| <b>Length</b>   | up to 200mm              |
| <b>Grade</b>    | 8.8, 10.9, 12.9          |
| <b>Standard</b> | As Per Customer Drawing. |



**Shear Connecting Stud with Ferrule**

| Product Details | Metric      |
|-----------------|-------------|
| <b>Dia</b>      | M16 - M25   |
| <b>Length</b>   | up to 300mm |



# NUTS



## Hex Nut

|                   |                              |
|-------------------|------------------------------|
| <b>Standard</b>   | ISO 4032, DIN 934, IS-1364-3 |
| <b>Size Range</b> | M6 to M64                    |
| <b>Thread</b>     | Metric & Inches Thread       |
| <b>Grade</b>      | 4,6,8,10,12                  |



## Wheel Nut

|                   |                      |
|-------------------|----------------------|
| <b>Standard</b>   | As per vehicle model |
| <b>Size Range</b> | M18 to M22           |
| <b>Thread</b>     | Metric               |
| <b>Grade</b>      | 10                   |



## Flange Nut

|                   |                              |
|-------------------|------------------------------|
| <b>Standard</b>   | ISO 4161, DIN 6923, JISB1190 |
| <b>Size Range</b> | M6 to M45                    |
| <b>Thread</b>     | Metric & Inches Thread       |
| <b>Grade</b>      | 8,10,12                      |



## Heavy Hex Nuts

|                   |                             |
|-------------------|-----------------------------|
| <b>Standard</b>   | EN14399-3, Is6623, ASTMA563 |
| <b>Size Range</b> | M12 to M36                  |
| <b>Thread</b>     | Metric & Inches Thread      |
| <b>Grade</b>      | 8,10                        |



**NUTS**



**Square Nut**

|                   |                                          |
|-------------------|------------------------------------------|
| <b>Standard</b>   | DIN 557 or as per customer specification |
| <b>Size Range</b> | M6 to M42                                |
| <b>Thread</b>     | Metric & Inches Thread                   |
| <b>Grade</b>      | 8,10                                     |



**Weld Nut**

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| <b>Standard</b>   | DIN 928 - Square Weld Nut<br>DIN 929 - Hexagon Weld Nut |
| <b>Size Range</b> | M6 to M16                                               |
| <b>Thread</b>     | Metric                                                  |
| <b>Material</b>   | SAE 1018, I5B25                                         |



**Pinion Nut**

|                   |                         |
|-------------------|-------------------------|
| <b>Standard</b>   | As per customer drawing |
| <b>Size Range</b> | M18 to M45              |
| <b>Thread</b>     | Metric                  |
| <b>Grade</b>      | 8,10                    |



**12 Point Nut / Star Nut**

|                   |                         |
|-------------------|-------------------------|
| <b>Standard</b>   | As per customer drawing |
| <b>Size Range</b> | M18 to M45              |
| <b>Thread</b>     | Metric                  |
| <b>Grade</b>      | 8,10                    |



# NUTS



## Slotted Nut

| Product Details | Metric                             | Inches    |
|-----------------|------------------------------------|-----------|
| Dia             | M10 to M64                         | 1/2" - 2" |
| Thread          | Metric & Inches Threads            |           |
| Grade           | 8,10                               | -         |
| Standard        | IS 2232 or As per customer drawing |           |



## Lock Nut / Locking Nut

|            |                                   |  |
|------------|-----------------------------------|--|
| Standard   | DIN 936 / As per Customer Drawing |  |
| Size Range | M6 to M64                         |  |
| Thread     | Metric                            |  |
| Grade      | 8,10                              |  |



## Taper Nut

|            |                               |  |
|------------|-------------------------------|--|
| Standard   | As per customer specification |  |
| Size Range | M16 to M42                    |  |
| Thread     | Metric                        |  |
| Grade      | 8,10                          |  |



## Axle Tube Nut / Check Nut

| Product Details | Metric                  | Inches  |
|-----------------|-------------------------|---------|
| Dia             | M20 to M100             | 1" - 4" |
| Thread          | Metric & Inches Threads |         |
| Standard        | As per customer drawing |         |



**NUTS**



**Wing Nut**

|                   |                  |
|-------------------|------------------|
| <b>Standard</b>   | DIN 315          |
| <b>Size Range</b> | M6 to M20        |
| <b>Thread</b>     | Metric           |
| <b>Material</b>   | SAE 1008 / BRASS |



**Dome Nut**

|                   |            |
|-------------------|------------|
| <b>Standard</b>   | DIN 1587   |
| <b>Size Range</b> | M16 to M42 |
| <b>Thread</b>     | Metric     |
| <b>Grade</b>      | 4,8,10     |



**Nylock Nut**

|                   |                  |
|-------------------|------------------|
| <b>Standard</b>   | DIN 982, DIN 985 |
| <b>Size Range</b> | M6 to M64        |
| <b>Thread</b>     | Metric           |
| <b>Grade</b>      | 4,8,10           |



**Hydraulic Nut**

|                   |                         |
|-------------------|-------------------------|
| <b>Standard</b>   | As per customer drawing |
| <b>Size Range</b> | M12 to M64              |
| <b>Material</b>   | EN 1A / EN8D            |

**STUD**



**B7 Studs**

| Product Details | Metric         | Inches    |
|-----------------|----------------|-----------|
| <b>Dia</b>      | M6 to M100     | 1/4" - 4" |
| <b>Length</b>   | 25 MM - 500 MM | 1" - 80"  |
| <b>Material</b> | SAE 4140, EN19 | -         |



**Double End Threaded Stud**

| Product Details | Metric               | Inches    |
|-----------------|----------------------|-----------|
| <b>Dia</b>      | M6 to M24            | 1/4" - 1" |
| <b>Length</b>   | As per customer req. | -         |
| <b>Material</b> | EN8D/CK 45/SAE1045,  | -         |



# WASHER



## Plain Washer

|                   |                  |
|-------------------|------------------|
| <b>Standard</b>   | IS 2016, DIN 125 |
| <b>Size Range</b> | M6 to M72        |
| <b>Material</b>   | Mild Steel, EN8D |



## Spring Washer

|                   |                                  |
|-------------------|----------------------------------|
| <b>Standard</b>   | IS 3063, DIN 127                 |
| <b>Size Range</b> | M6 to M64                        |
| <b>Material</b>   | High Carbon Steel / Spring Steel |



## Structural Washer

|                   |                           |
|-------------------|---------------------------|
| <b>Standard</b>   | IS 6649, EN14399-5        |
| <b>Size Range</b> | M12 to M36                |
| <b>Material</b>   | EN8D, Hardened & Tempered |



## Machined Washer

|                   |                                    |
|-------------------|------------------------------------|
| <b>Standard</b>   | IS 2016 or As per customer drawing |
| <b>Size Range</b> | M6 to M52                          |
| <b>Grade</b>      | 8,10                               |



## Direct Tension Indicator Washers

|                   |             |
|-------------------|-------------|
| <b>Standard</b>   | EN 14399 -9 |
| <b>Size Range</b> | M12 - M36   |
| <b>Grade</b>      | 8, 10       |



## Grease Nipple

|                     |                                     |
|---------------------|-------------------------------------|
| <b>Standard</b>     | IS 4009 - Part 2                    |
| <b>Size Range</b>   | M6 to M16                           |
| <b>Raw Material</b> | EN 1A                               |
| <b>Grade</b>        | Induction Hardened & Gas Carburized |



Leading OEM Supplier of  
**Fastening Solutions for the Automotive & Engineering Industry**



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