



SHRI RAM FASTNERS



DIN STANDARD

BUILDING FASTENER

100% MADE IN INDIA





SHRI RAM FASTNERS

About

SRF Vision To be the provider of Innovative and High Quality Fasteners to Automotive and other industries, consistently at Competitive Prices. **SRF Mission** Our Mission is to provide High Quality Fasteners at competitive Prices, through Market-Focused & Process-Centered Approach, to develop and deliver innovative solutions to Global customers.

SRF About SRF Fasteners Pvt. Ltd. Serving to the industries for more than a decade Shri Ram steels has changed to SRF Fasteners Pvt. Ltd to serve you better. SRF is a leading manufacturer, distributor and supplier of superior quality fasteners to industries across the globe. At SRF, Our Products are tested to make them ready for the toughest conditions across different industries. New Name & Tag-line “SRF : Tough by Nature” has been adopted to communicate the importance of it in our very nature. By judiciously employing the synergies of a decade of our management’s expertise in the field and a customer-sensitive approach to every aspect of operation, right from manufacturing through to sales and after sales, in order to deliver high-end, high-resistance products. An ISO 9001:2008 certified company with SRF™ as our registered trademark; we aspire to become a reference point for every industry across the globe for their industrial hardware needs through our specialties of genuine pricing, customized solutions, on-time delivery and exceptional customer support.

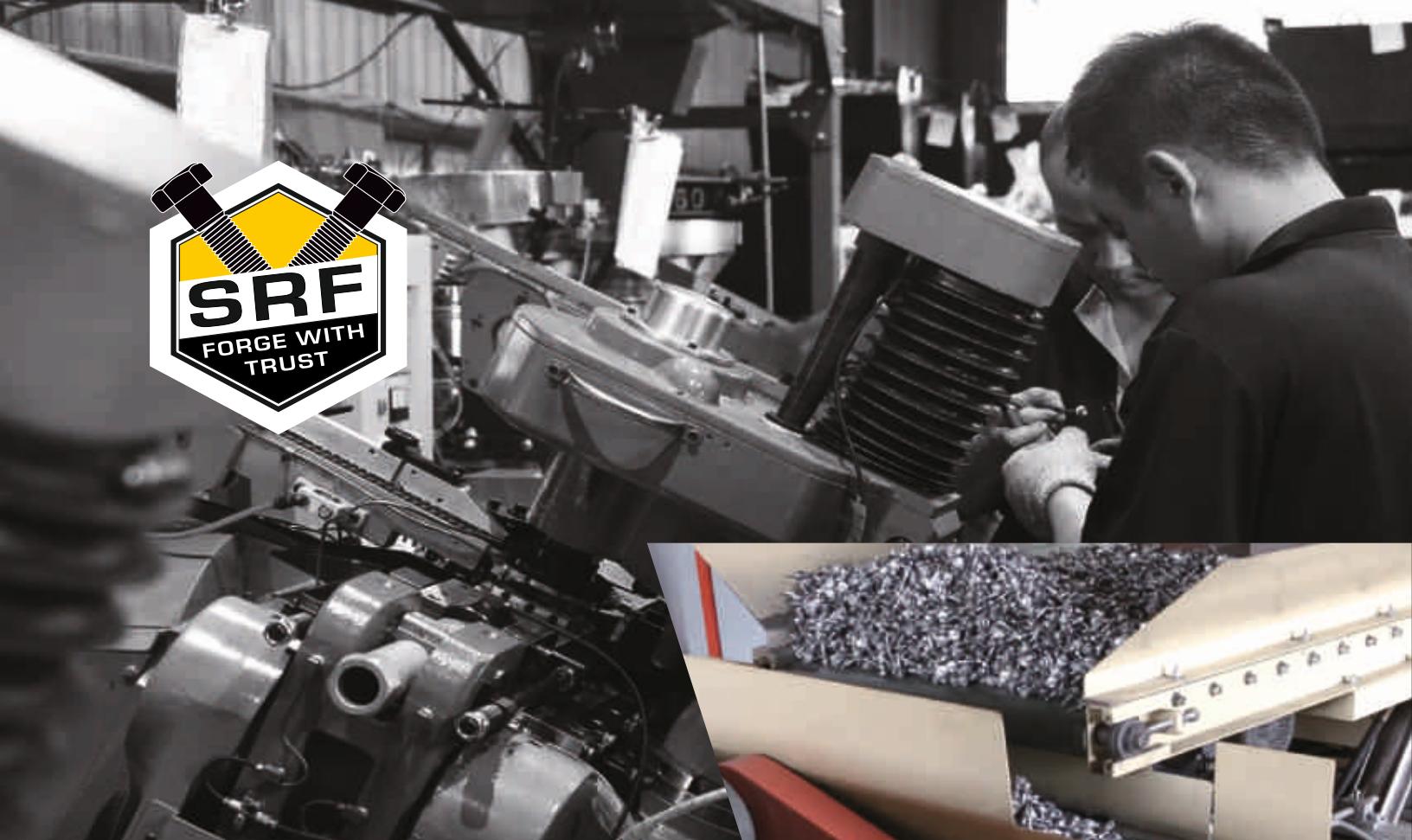
The Composition Story Each and every fastener delivered under the name of SRF has been exclusively manufactured in India using the most up-to-date technology, time-tested processes, evolving practices and skilled resources. At SRF, we understand that high-quality deliverable is possible only when excellence is upheld at every stage of the process. To this effect, we buy only the finest quality of raw materials to produce high-tensile, long-lasting fasteners. All processing is then carried out at our own state-of-the-art manufacturing units under the supervision of an adroit team of professionals inclusive of engineers, technocrats and other skilled workers. With multiple quality checks placed at every step of the manufacturing process, we ensure that only the highest quality industrial hardware of international standards reaches our dedicated packaging unit. Here, it is handled and packed with care, so that it is ready to be delivered anywhere around the world in the same pristine condition that it has been manufactured.

Network of Life Catering to the demands of a wide spectrum of industrial sectors in five continents, we take pride in being able to penetrate international markets with our superior products, genuine pricing, high service standards and strong business ethics. With a client base in 3 Nations and counting, we satisfactorily meet the needs of a variety of market sectors ranging from civil engineering to infrastructure development and automotive industries with the help of our trusted logistical partners. Our diversified range of fasteners includes Hexagon Head Bolts, Hexagon Nuts and Flat Washers. It is our aim to build long-lasting business associations with our esteemed clients, by providing them a product that stands as testimony to our reliability, commitment and excellence.



CAPACITY

SRF Fasteners® are manufactured on a 2000 square meter area which is comprised of Heading, Pinch Pointing, Threading and End-Cutting machines with a total capacity of 600 metric tons per month.



FACTORY

2000 square meter space

Annual capacity

360 containers per year

30 containers per month

600 tons/month





100% Made in Taiwan, used and loved by
customers worldwide for over 13 Years (and counting)!



2014

Established in **2014** and began the trade of selling construction fasteners.

2016

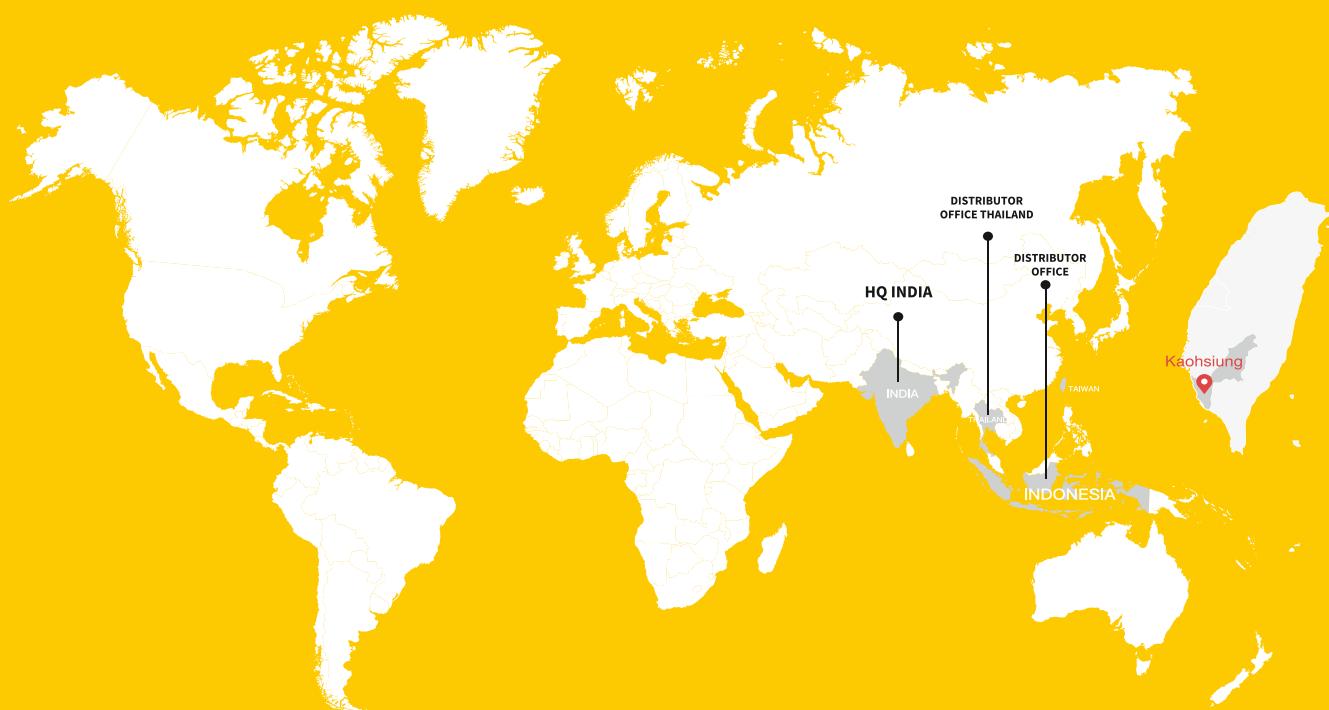
In **2016**, the 100% Made in **INDIA**, SRF Fasteners brand name stepped into the fasteners scene.

2017

SRF Fasteners takes a major step forward and builds a new facility dedicated to Heading, Threading, and Pinch Pointing processes – maximizing speed and efficiency, taking our service and quality to the next level.

2022

Despite the outburst of COVID-19 and the world going topsy-turvy, SRF Fasteners has taken advantage of the calm within the storm, expanding of our facility and adding multiple collated screw assembly lines, fully prepared once the global economy bounces back to pre-pandemic levels.





List of Machinery

NAME OF MACHINE	RANGE	QUANTITY
1 Bolt Maker National Make	M6-M24	20 No.
2 Nut Former	M6-M24	5 No.
3 Thread Rolling Machines	M6-M24	20 No.
4 Hydraulic Thread Rolling		20 No.
5 Hydraulic Press		1 No.
6 Lathe Machines		4 No.
7 Nut Tapping Machines	M6-M24	4 No.
8 EDM machine		1 No.
9 Polish Adda		1 No.
10 Engraving Machine		1 No.
11 Continous Heat Treatment Furnace	125 kgs/Hour	1 No.
12 Continous Heat Treatment Furnace	200 kgs/Hour	1 No.
13 Zinc Plant Semi Automatic		4 Barrels
14 Wire Processing / Drawing Plant		2 No.



Bolt Makers



Thread Rolling



Heat-Treatment Line



Nut Former



COMMON TESTING FACILITIES

NON DESTRUCTIVE TEST EQUIPMENTS		RANGE	QUANTITY
1	Hardness Tester Rockwell	HRB / HRC	02 No.
2	Hardness Tester Vicker Scale		01 No.
3	Profile Projector		01 No.
4	Metallurgical Microscope		01 No.
5	B. F. Testing Machine For Carrogated Box		01 No.

DESTRUCTIVE TEST/MECHANICAL TEST EQUIPMENTS		CAPACITY	QUANTITY
1	UTM (Universal Testing Machine)	40 TON	01 No.
2	Impact Testing Machine		01 No.
3	Spectometer		01 No.

ELECTROPLATING INSTRUMENTS		QUANTITY
1	Salt Spray Chamber	1 No.
2	Coating Thickness Guage	02 No.



UTM Testing



Hardness Testing Equipment



CATERING TO VERSATILE APPLICATIONS

- Automotive • Industrial • Railways • Solar Plants
- Pre Engineered Building Structure • Wind Mills • Transmission Line Towers



Automotive Industry



Solar Module Mounting Structure



Pre Engineered Building Structure

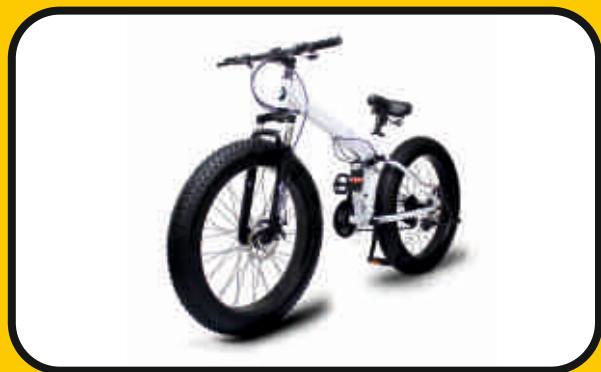


Fasteners being used in
Wind Mill Industries



Railways Industry

Electrical & Petro-Chemical Industry



CYCLE INDUSTRY



AGRO INDUSTRY



CONSTRUCTION INDUSTRY



MEDICAL INDUSTRY



POWER INDUSTRY

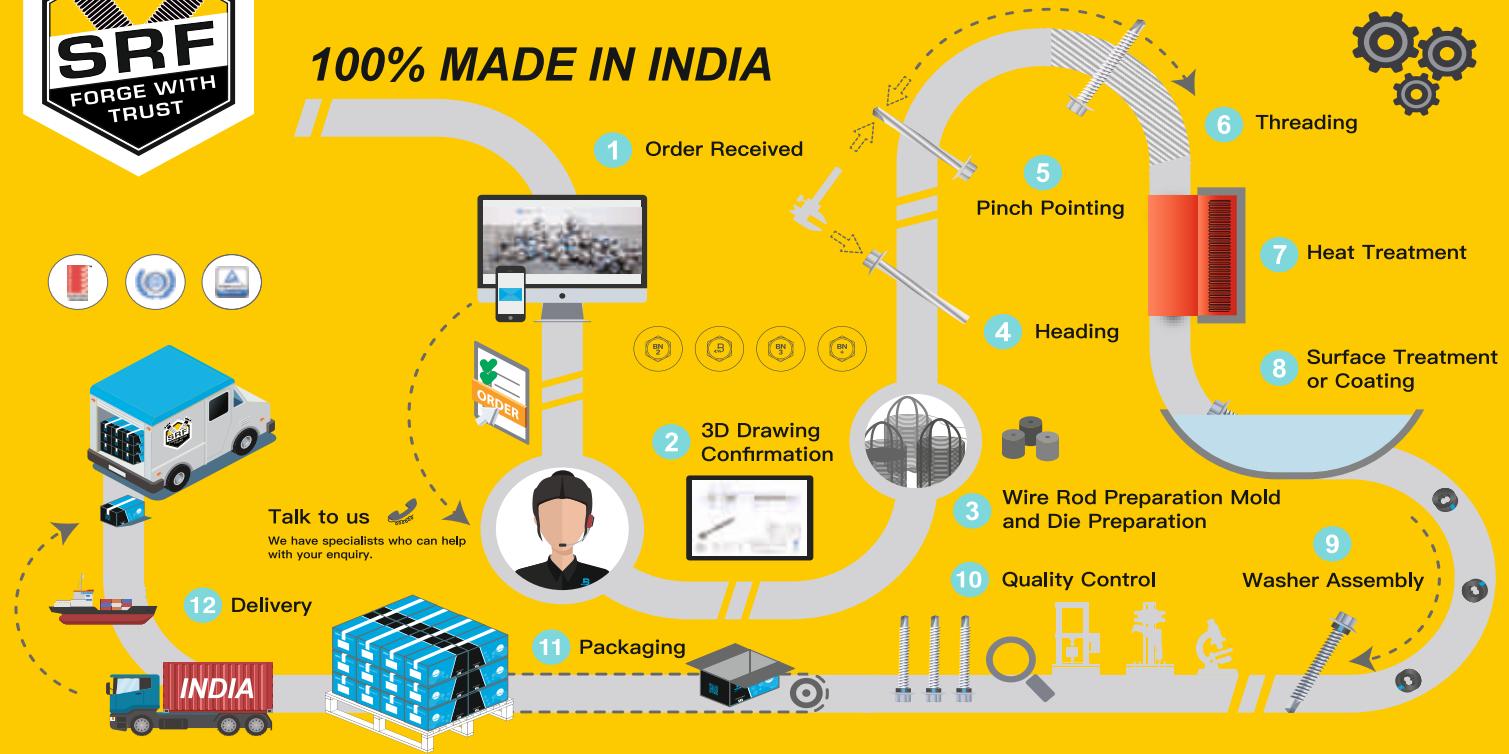


TRUCK INDUSTRY

Production Process



100% MADE IN INDIA



PROPERLY DRIVEN



Driven straight; good penetration, gasket compressed firmly against the surface

IMPROPERLY DRIVEN

MISALIGNED



Driven crooked; could contribute to leakage

OVERDRIVEN



Gasket compressed too far-bulges at sides; strips threads; poor engagement

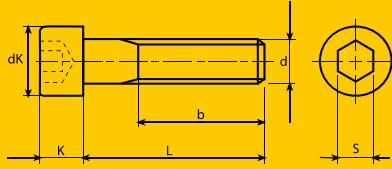
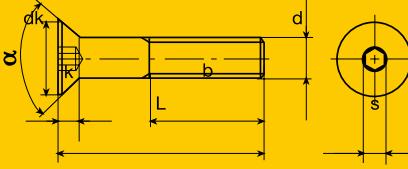
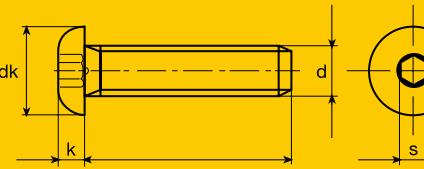
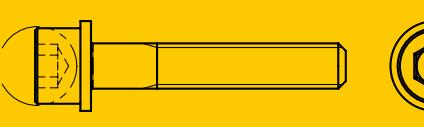
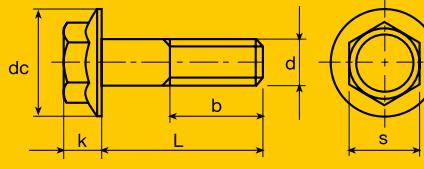
UNDERDRIVEN



Inadequate penetration

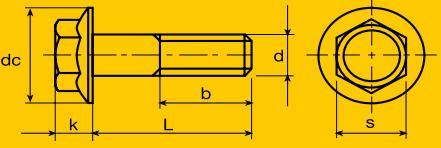
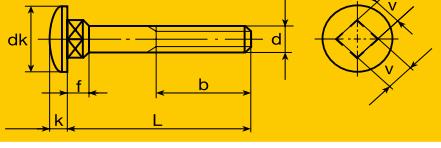
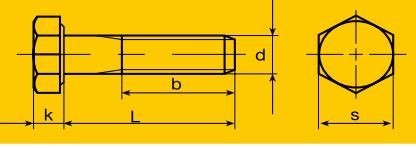
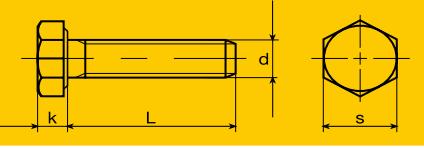
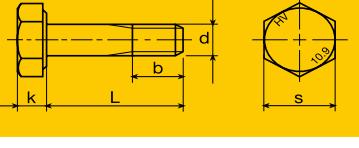
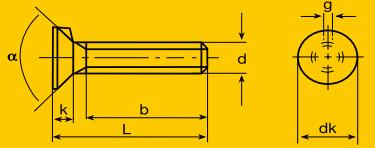


BOLTS

DESCRIPTION	SIZE	GRADE	FINISH AVAILABLE	STANDARD	
BOLTS				DIN	ISO
SOCKET HEAD CAP SCREWS	M5 to M20	4.6, 8.8, 10.9, 12.9	BLACK, ZINC, HDG	912	4762
					
SOCKET COUNTERSUNK HEAD SCREWS	M5 to M20	4.6, 8.8, 10.9	BLACK, ZINC, HDG	7991	
					
SOCKET BUTTON HEAD SCREWS	M5 to M12	4.6, 8.8, 10.9	BLACK, ZINC	7380	7380
					
FLANGE SOCKET HEAD CAP SCREWS	M5 to M12	4.6, 8.8, 10.9, 12.9	BLACK, ZINC		
					
FLANGE BOLTS	M5 to M16	4.6, 8.8, 10.9, 12.9	BLACK, ZINC, HDG	6921	8100
					



BOLTS

DESCRIPTION	SIZE	GRADE	FINISH AVAILABLE	STANDARD
				DIN ISO
FLANGE BOLTS WITH SERRATION	M5 to M16	8.8, 10.9, 12.9	BLACK, ZINC, HDG	6921 8100
				
MUSHROOM HEAD SQUARE NECK BOLTS	M6 to M20	4.8, 8.8	BLACK, ZINC, HDG	603 8677
				
HEX HEAD BOLTS PARTIAL THREADED	M5 to M30	4.6, 4.8, 5.6, 5.8, 8.8, 10.9, 12.9	BLACK, ZINC, HDG	931 4014
				
HEX HEAD SCREWS FULL THREADED	M5 to M30	4.6, 4.8, 5.6, 5.8, 8.8, 10.9, 12.9	BLACK, ZINC, HDG	933 4017
				
HIGH STRENGTH STRUCTURAL BOLTS	M12 to M20	8.8, 10.9	BLACK, ZINC, HDG	6914 7412
				
FLAT COUNTERSUNK NIB BOLTS	M6 to M20	8.8, 10.9	BLACK, ZINC, HDG	604
				



HEX BOLTS



DURLOK® - Self locking, Anti Vibration Fasteners

Metric		Size	Property Class	Tensile Strength	Standard
<input type="checkbox"/> Durlok Bolt		M6 to M20	12.9	1220 N/mm² min	
<input type="checkbox"/> Durlok Nut		M6 to M20	12	Hardness HRC 28 to 36	
<input type="checkbox"/> Durlok Washer		M6 to M20		HRC 47 to 52	
<input type="checkbox"/> Durlok Safety Washer		M6 to M20		HRC 47 to 52	as per SRF specification

NOTE: 1. Durlok Bolts & Nuts do not require a washer. 2. Durlok washers are designed for use with standard hex bolts & nuts. Durlok washers are always used in pairs & must not be used with other flat washers.

HEX BOLTS / SCREWS



Metric		Size	Property Class	Tensile Strength	Standard
<input type="checkbox"/> Hex Head Bolt/Screw		M4 to M80	10.9	1040N/mm² min	ISO 4017 (Full Thread) ISO 4014 (Half Thread)

Inch		Size	Grade	Tensile Strength	Standard
<input type="checkbox"/> Hex Cap Screw		1/4 to 2	8	150,000 psi min	ASME B18.2.1
<input type="checkbox"/> Hex Cap Screw		1/4 to 2	5	120,000 psi min (1/4 to 1) 105,000 psi min (over 1 to 1-1/2)	ASME B18.2.1
<input type="checkbox"/> Hex Bolt		1/4 to 1	A	60 ksi min	ASTM A307 / ASME B18.2.1



STRUCTURAL ASSEMBLIES



Metric		Size	Property Class	Standard
<input type="checkbox"/> System HR Structural Bolt		M12 to M36	8.8 / 10.9	BS EN 14399-3
<input type="checkbox"/> System HR Pre-Load Nut		M12 to M36	8 / 10	BS EN 14399-3
<input type="checkbox"/> System HV Structural Bolt		M12 to M36	10.9	BS EN 14399-4
<input type="checkbox"/> System HV Pre-Load Nut		M12 to M36	10	BS EN 14399-4
<input type="checkbox"/> Plain Non-Chamfered Washer Plain Chamfered Washer		M12 to M36	HV 300 to 370	BS EN 14399-5 BS EN 14399-6
<input type="checkbox"/> Tension Control Structural Bolt*		M12 to M30	10.9	BS EN 14399-10
<input type="checkbox"/> Pre-Load Nut		M12 to M30	10	BS EN 14399-10 (h=d)
<input type="checkbox"/> Non Pre-Load Structural Bolt		M12 to M36	4.6, 5.6, 6.8, 8.8, 10.9	BS EN 15048-1, 2
<input type="checkbox"/> Non Pre-Load Structural Nut		M12 to M36	4, 5, 6, 8, 10, 12	BS EN 15048-1, 2
<input type="checkbox"/> High-Strength Structural Bolt		M12 to M36	8.8	AS1252 - 1983 Dimensional AS1252 - 1996 Mechanical
<input type="checkbox"/> Structural Nut		M12 to M36	8	AS1252 - 1983 Dimensional AS1252 - 1996 Mechanical
<input type="checkbox"/> Structural Washer		M12 to M36	35-45HRC	AS1252 - 1983 Dimensional AS1252 - 1996 Mechanical



STRUCTURAL ASSEMBLIES

Metric		Size	Property Class	Standard
<input type="checkbox"/> Heavy Hex Structural Bolt		M16 to M36	10.9S	IS 3757
<input type="checkbox"/> Heavy Hex Nut		M16 to M36	10S / 8S	IS 6623
<input type="checkbox"/> Structural Washer		M16 to M36	35-45 HRC (Plain) 26-45 HRC min (HDG)	IS 6649

Inch		Size	Tensile Strength/Hardness	Standard
<input type="checkbox"/> Heavy Hex Structural Bolt		1/2 to 1 1/4	120,000 psi (1/2 to 1 dia) 105,000 psi (1 1/8 to 1 1/2 dia)	ASTM A325
<input type="checkbox"/> Heavy Hex Structural Bolt		1/2 to 1 1/4	150,000 - 173,000 psi	ASTM A490
<input type="checkbox"/> Heavy Hex Nuts Grade DH		1/4 to 2	C24 - C38	ASTM A563
<input type="checkbox"/> Heavy Hex Nut Grade 2H		1/4 to 2	24-35 HRC	ASTM A194 2H
<input type="checkbox"/> Hardened Washer		1/4 to 1 3/8	38-45 HRC (coated) 26-45 HRC (HDG)	ASTM F436
<input type="checkbox"/> Tension Control Structural Bolt*		5/8 to 1 1/8	120,000 psi (1/2 to 1 dia) 105,000 psi (1 1/8 to 1 1/2 dia)	ASTM F1852
<input type="checkbox"/> Tension Control Structural Bolt*		1/2 to 1 1/8	150,000 - 173,000 psi	ASTM F2280

PETROCHEMICAL

Metric		Size	Property Class	Standards
<input type="checkbox"/> Stud Bolt		M12 to M56	B7, B7M, B8, B8M, B16, L7, L7M	ASTM A193M, ASTM A320M
<input type="checkbox"/> Nut		M12 to M56	2H, 2HM, 4, 7, 8, 8M	ANSI B18.2.4.6M, A194M
Inch		Size	Grade	Standards
<input type="checkbox"/> Stud Bolt		1/2 to 2 1/4	B7, B7M, B8, B8M, B16, L7, L7M	ASTM A193, ASTM A320
<input type="checkbox"/> Nut		1/2 to 2	2H, 2HM, 4, 7, 8, 8M	ASTM A194



HEX NUTS

Metric		Size	Property Class	Standard
Hex Nut		M6 to M80	8 & 10	ISO 4032
Nylock Nut		M6 to M20 (Gr. 8) M10 to M24 (Gr. 10)	8 & 10	DIN 982
Nylock Nut		M6 to M20 (Gr. 8) M10 to M24 (Gr. 10)	8 & 10	DIN 985
Hex Weld Nut		M6 to M12	8	DIN 929
Hex Lock Nut		M3 to M64		DIN 439, A563

Inch		Size	Grade	Standard
Hex Nut		1/4 to 2	8	ASME B18.2.2
Hex Nut		1/4 to 2	5	ASME B18.2.2
Nylock Nut		#8, #10 (NM Pattern) 1/4 to 3/4 (NE Pattern)	2	ASME B18.16.6
Hex Serrated Flange Nut		1/4 to 3/4	-	ASME B18.16.4
Hex Coupling Nut		1/4 to 3/4	Hardness Rockwell B68 - C32	ASME B18.2.2

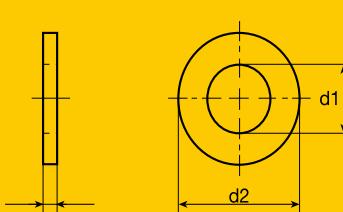
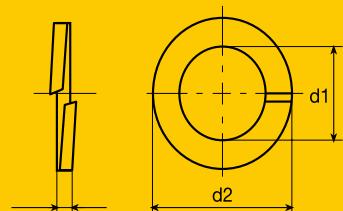
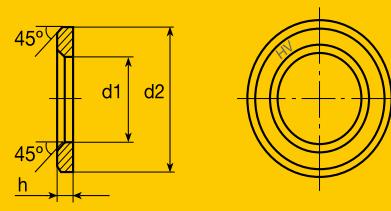


NUTS

DESCRIPTION	SIZE	GRADE	FINISH AVAILABLE	STANDARD	
NUTS				DIN	ISO
HEX NUTS	M5 to M30	4, 6, 8, 10	BLACK, ZINC, HDG	934	4032
THIN HEX NUTS / LOCK NUTS	M8 to M30	8, 10	BLACK, ZINC, HDG	936	
HIGH STRENGTH STRUCTURAL HEX NUTS	M12 to M30	8, 10	BLACK, ZINC, HDG	6915	7414
FLANGE NUTS WITH SERRATION	M6 to M20	8, 10	BLACK, ZINC, HDG	6923	4161
SQUARE NUT	M6 to M12	8, 10	BLACK, ZINC, HDG	557	
SQUARE WELD NUT	M6 to M12	8, 10	BLACK, ZINC, HDG	928	



WASHERS

DESCRIPTION	SIZE	GRADE	FINISH AVAILABLE	STANDARD
WASHERS				DIN ISO
PLAIN WASHERS	M5 to M30		BLACK, ZINC, HDG	125-A 7089
				
SPRING LOCK WASHERS	M5 to M30		BLACK, ZINC, HDG	127-B
				
HIGH STRENGTH STRUCTURAL WASHERS	M12 to M30		BLACK, ZINC, HDG	6916 7416
				



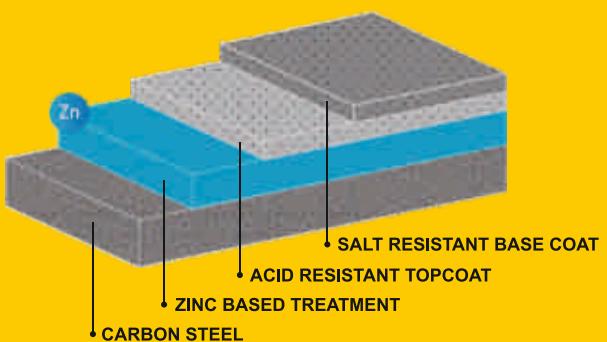
WASHERS

Metric		Size	Hardness	Standard
<input type="checkbox"/> Square Section Spring Washer		3mm to 39mm	HV 430 to 530	DIN 7980
<input type="checkbox"/> Flat Section Spring Washer		3mm to 39mm	HV 430 to 530	DIN 127 B
<input type="checkbox"/> Hardened Washer		12mm to 30mm	HV 300 to 370	IS 2016
<input type="checkbox"/> Hardened Steel Washer		12mm to 56mm	Rockwell 26 to 45 (HDG) Rockwell 38 to 45 (Coated)	ASTM F436M

Inch		Size	Tensile Strength	Standard
<input type="checkbox"/> USS Plain Washer		1/4 to 1 1/2	HRC 38-45	ASME B18.21.1-A
<input type="checkbox"/> SAE Plain Washer		1/4 to 2	HRC 38-45 (Coated) HRC 26-45 (HDG)	ASME B18.21.1-A
<input type="checkbox"/> Spring-Lock Washer		1/4 to 1 1/2	HRC 38-46	ASME B18.21.1
<input type="checkbox"/> Hardened Washer		1/4 to 1 3/8	HRC 38-45 (Coated) HRC 26-45 (HDG)	ASTM F436



Surface Coating



Corrosion Resistance	Class 2		Class 3		Class 4	
Head Marking	B//>	BN2	BN3	B	BN+	BN4
Coating Type	Zinc+ Organic Coating (Ruspert)					
Salt Spray Test	500hrs	500hrs	1000hrs	1000hrs	1000hrs	2000hrs
Kesternich Test	5 cycle	5 cycle	7 cycle	7 cycle	15 cycle	15 cycle





SHRI RAM FASTNERS



SCAN ME



SCAN ME

CONTACT US

Sales : +91 86994-66669

Complaint : +91 70094-91781, 94636-16466

**Ind. Area-C,Dhandari Kalan,
Back Side Ravi Kanda ,Ludhiana**

GSTIN : 03ADGPK7577B2Z0

PAN: ADGPK7577B

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