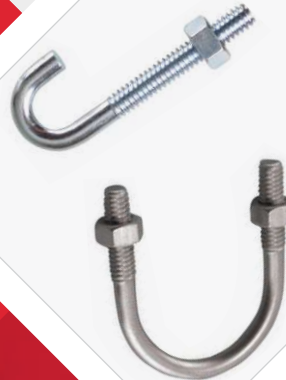


TR FASTENERS



20+
years of experience

**ALL TYPES OF FASTENERS
& SCAFFOLDING ACCESSORIES
SUITABLE FOR MULTIPLE
APPLICATIONS**



An ISO 9001:2015 Certified Co.

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TR FASTENERS

About Us

We are manufacturer and exporter of Fasteners

TR Fasteners is a reputed name in the Fasteners industry and our products are widely used in different Sectors like **Transmission Lines, Railway, Wind Mills, Automobile, Refinery, Power Plant, Machine Tools, General & Special Fasteners**. TR Fasteners is one of the leading fasteners manufacturer, supplier and exporter in India with a sizeable stock of **Automotive Fasteners, Industrial Fasteners, Structural Fasteners, Road Crash Barrier Fasteners, B7 Studs, High Tensile Fasteners, Galvanized Fasteners, Threaded Rods, Etc.** and we have large and deep stock of them. We are manufacturing and exporting wide range of fasteners confirming to rigid International Standards such as DIN, ASTM, BS, ANSI, etc. as well as customised requirements.

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. TR Fasteners is a company that has been providing comprehensive and cost-effective sourcing solutions to businesses of all sizes for over 20 years.

Our specialties are zinc plated and hot dip galvanized products of which we have a very wide and varied stock. We also supply major industrial end-users in the India with specials from the drawing stage and we offer all kinds of solutions. We test the quality of our products in-house. We do this via hardness measurements, microscopic surface controls and by carrying out tensile tests and testing for wiring deviations. We supply certificates if required. We are one of the highest production manufacturers of quality fasteners in India. We stand for competitive prices, good stock, punctual deliveries and our high level of flexibility!

Quality Policy

Quality Policy

When it comes to quality, TR FASTENERS believes in stringent quality checks at every stage of production making it an integral part of the production process. Regular quality checks are carried out by experienced and highly qualified engineers and inspectors in-house as well as by external agencies.

Customer Satisfaction

Supply state of the art Products/Services to customers that meet their expectations for Quality, Technology, Time, and Responsiveness.

Quality

Continually improve Effectiveness and Efficiency of Quality Management Systems to maintain a distinguishable competitive edge as viewed by customers.

Research & Development

Establish and Implement leading edge Human Resource Systems and practices to meet the business objective through training, empowerment, and motivation in achieving total employee Involvement.

Testing Process

We have in house testing facilities department for continuously improvement of our fasteners. This testing unit has been installed so as to assure that the products are manufactured in exact accordance to the industrial standards. It is well equipped with all the necessary gadgets, tools & instruments.



Infrastructure



DRAWING



STEEL BAR



STEEL WIRE ROD

Offering a robust range of Hexagon Screw, Dome Cap Nuts, B7 Stud Nut Bolt, Hardened HSFG Washer, etc, we, TR Fasteners aims to become a top-notch brand. Our manufacturer and supplier firms want to become a top-notch entity with 100% client satisfaction. We are sure that with the support of our associates and in-house team of professionals all our dreams will come true. In order to manufacture a flawless product range, we make use of the finest quality material and advanced machines. Our modern and cost-effective techniques of production assists us in offering the products at market leading rates. We are thankful to our team of experts who work round the clock to meet deadlines and maintain excellence. In order to have business deals with us, all a customer needs to do is contact us on the provided number.



TRIMMING



COLD FORGING



COLD FORGING UPTO 325MM



ROLLING



PHYSICAL TESTING LAB



PACKING

Coated Material

Zinc Plating:

Many steel fasteners are electroplated with zinc for better corrosion resistance. Fasteners that have been zinc plated have a shiny, silvery or golden appearance, referred to as clear or yellow zinc respectively. They are fairly corrosion resistant but will rust if the coating is destroyed or if exposed to a marine environment.

Hot Dip Galvanizing:

Galvanizing is another coating involving the application of a layer of zinc. Hot dip galvanizing puts the thickest possible coating on the metal, resulting in superior corrosion resistance. Due to the thickness of the coating hot dipped galvanized bolts are not compatible with other nuts. Galvanized nuts are tapped slightly larger than other nuts to accommodate this coating.

Hot dipped galvanized fasteners are frequently used outdoors, especially in coastal environments.

Chrome:

Fasteners are chrome plated and polished for appearance. Chrome plating provides similar corrosion resistance to zinc plating. The main drawback of polished chrome is its high cost. If more corrosion resistance is required, stainless steel may be chrome plated, preventing any corrosion should the chrome be penetrated.



Electro Zinc Plating



Hot-Dip Galvanized Plating



Auto Black Finish

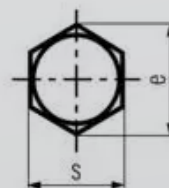
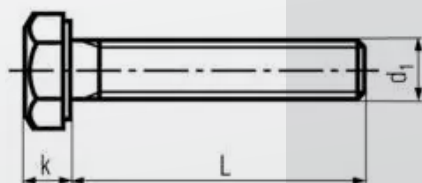


Electro Gold Plating

Bolts



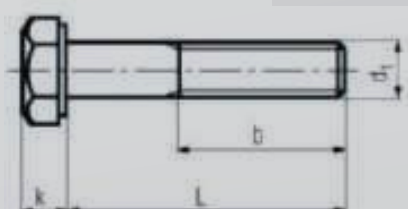
Hex Bolt Full Thread



TECHNICAL SPECIFICATION

d1	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36	M42	M45	M48
b* to 125	14	16	18	22	26	30	34	38	42	46	50	54	60	66	72	78	90	96	102
b to 200	-	-	24	28	32	36	40	44	48	52	56	60	66	72	78	84	96	102	108
b over 200	-	-	-	-	45	49	53	57	61	65	69	73	79	85	91	97	109	115	121
k	2.8	3.5	4	5.3	6.4	7.5	8.8	10	11.5	12.5	14	15	17	18.7	21	22.5	26	28	30
e	7.66	8.79	11.05	14.38	18.9	21.1	24.49	26.75	30.14	33.53	35.72	39.98	45.2	50.85	55.37	6.79	71.3	76.95	82.60
s	7	8	10	13	17	19	22	24	27	30	32	36	41	46	50	55	65	70	75

Hex Bolt Half Thread



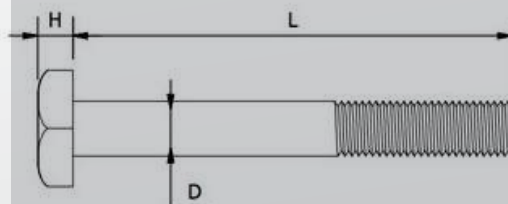
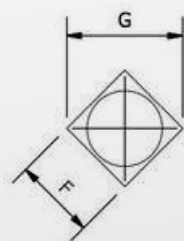
TECHNICAL SPECIFICATION

d1	M4	M5	M6	M8	M10	M10	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36	M42	M45	M48
b* to 125	14	16	18	22	26	26	34	38	42	46	50	54	60	66	72	78	90	96	102
b to 200	-	-	24	28	32	32	40	44	48	52	56	60	66	72	78	84	96	102	108
b over 200	-	-	-	-	45	45	53	57	61	65	69	73	79	85	91	97	109	115	121
k	2.8	3.5	4	5.3	6.4	6.4	8.8	10	11.5	12.5	14	15	17	18.7	21	22.5	26	28	30
e	7.66	8.79	11.05	14.38	18.9	18.9	24.49	26.75	30.14	33.53	35.72	39.98	45.2	50.85	55.37	6.79	71.3	76.95	82.60
s	7	8	10	13	17	17	22	24	27	30	32	36	41	46	50	55	65	70	75

Bolts

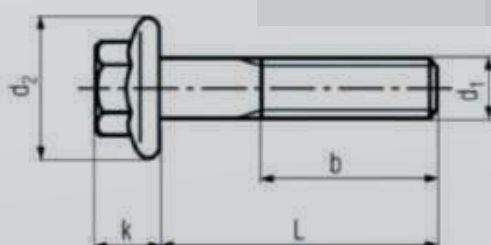


Square Head Bolt



Manufacturing Process				Hot Forge				No			
				Cold Forge				Yes			
TECHNICAL SPECIFICATION											
d1	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24	M30
b	14	16	18	22	26	30	34	38	46	54	66
t1 min	1.48	1.88	2.38	2.88	3.35	3.85	4.35	5.35	6.32	6.82	8.82
s	3	4	5	6	8	10	12	14	17	19	22
k max	2.8	3.5	4	5	6.5	7.5	8.5	10	12	14	17.5
d2 max	7	8.5	10	13	16	18	21	24	30	36	45

Flange Bolt



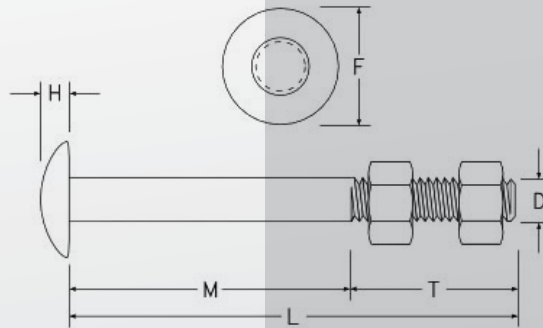
Manufacturing Process				Hot Forge				No			
				Cold Forge				Yes			
TECHNICAL SPECIFICATION											
d1	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24	M30
b	14	16	18	22	26	30	34	38	46	54	66
t1 min	1.48	1.88	2.38	2.88	3.35	3.85	4.35	5.35	6.32	6.82	8.82
s	3	4	5	6	8	10	12	14	17	19	22
k max	2.8	3.5	4	5	6.5	7.5	8.5	10	12	14	17.5
d2 max	7	8.5	10	13	16	18	21	24	30	36	45

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Bolts



Step Bolt



TECHNICAL SPECIFICATION

Bolt Diameter	D		C		H		F		P	
	Body Diameter		Head Diameter		Head Height		Square Width		Square Depth	
	max	min	max	min	max	min	max	min	max	min
10	0.199	0.182	0.656	0.625	0.114	0.094	0.199	0.185	0.125	0.094
1/4	0.26	0.237	0.844	0.813	0.145	0.125	0.26	0.245	0.156	0.125
5/16	0.324	0.298	1.031	1	0.176	0.156	0.324	0.307	0.187	0.156
3/8	0.388	0.36	1.219*	1.188	0.208	0.188	0.388	0.368	0.219	0.188
7/16	0.452	0.421	1.406	1.375	0.239	0.219	0.452	0.431	0.25	0.219
1/2	0.515	0.483	1.594	1.563	0.27	0.25	0.515	0.492	0.281	0.25

Button Head Bolt



Manufacturing Process			Hot Forge					No			
			Cold Forge					Yes			
TECHNICAL SPECIFICATION											
d	M2	M2.5	M3	M3.5	M4	M5	M6	M7	M8	M10	M12
d2(mm)	3.5	4.5	5.7	6.8	7.5	9.5	10.5	12	14	18	21
K Max(mm)	1.3	1.5	1.65	2.2	2.2	2.75	3.3	3.8	4.4	5.5	6.6
T Min(mm)	0.8	1	10.4	1.3	1.3	1.56	20.8	2.2	2.6	3.12	4.16
S(mm)	1.27	1.5	2	2.5	2.5	3	4	4	5	6	8
Pitch	0.4	0.45	0.5	0.6	0.7	0.8	1	1	1.25	1.5	1.75

Special Fastener



U-Bolt



J-Bolt



T-Bolt



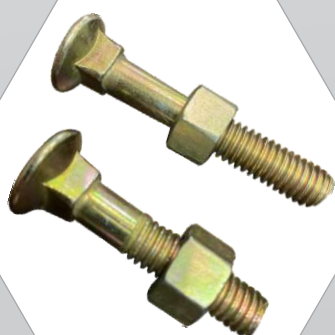
Eye-Bolt



Cycle Handle Bolt



Clevis Pin



Falla Bolt



Fan Bolt



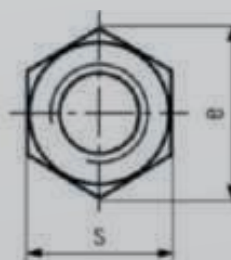
Rotavator Bolt

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Nuts



Hex Nut



Manufacturing Process				Hot Forge					Yes				
				Cold Forge					Yes				
TECHNICAL SPECIFICATION													
d1	M1	M1.2	M1.4	M1.6	M1.7	M2	M2.3	M2.5	M2.6	M3	M3.5	M4	M5
s	2.5	3	3	3.2	3.5	4	4.5	5	5	5.5	6	7	8
e	2.72	3.29	3.29	3.48	3.82	4.32	4.95	5.45	5.51	6.01	6.01	7.66	8.76
m	0.8	1	1.2	1.3	1.4	1.6	1.8	2	2	2.4	2.8	3.2	4

d1	M6	M7	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30
s	10	11	13	17	19	22	24	27	30	32	36	41	46
e	11.05	12.12	14.38	18.9	21.1	24.49	26.75	29.56	32.95	35.03	39.55	45.2	55.85
m	5	5.5	6.5	8	10	11	13	15	16	18	19	22	24

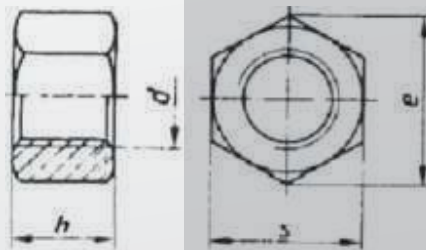
d1	M33	M36	M39	M42	M45	M48	M52	M56	M60	M64	M68	M72
s	50	55	60	65	70	75	80	85	90	95	100	105
e	55.37	60.79	66.44	71.03	76.95	82.06	88.25	95.07	100.72	106.37	112.02	117.67
m	26	29	31	34	36	38	42	45	48	51	54	58

d1	M76	M80	M85	M90	M95	M100	M105	M110	M115	M120	M125	M130
s	110	115	120	130	135	145	150	155	165	170	180	185
e	123.32	128.97	133.11	145.77	151.42	162.75	168.37	174.02	185.32	190.97	202.27	207.75
m	61	64	68	72	76	80	84	88	92	96	100	104

Nuts

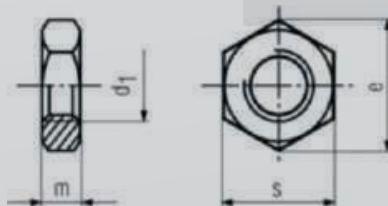


Double Face Nut



Manufacturing Process			Hot Forge					Yes		
			Cold Forge					Yes		
TECHNICAL SPECIFICATION										
d1	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24
s	10	13	17	19	22	24	27	30	32	36
e	11.05	14.38	18.9	21.1	24.49	26.75	29.56	32.95	35.03	39.95
h	6	8	10	12	14	16	18	20	22	24

Lock Nut



Manufacturing Process			Hot Forge				No		
			Cold Forge				Yes		
TECHNICAL SPECIFICATION									
d1	M2	M3	M4	M5	M6	M8	M10	M12	M14
s	4	5.5	7	8	10	13	17	19	22
e	4.32	6.01	7.66	8.79	11.05	14.38	18.9	21.1	24.49
m	1.2	1.8	2.2	2.7	3.2	4	5	6	7

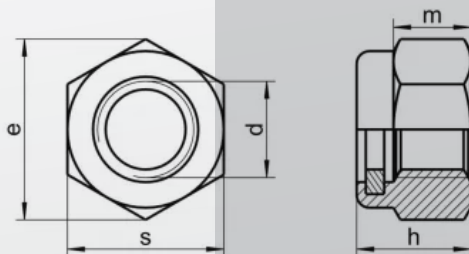
d1	M16	M18	M20	M22	M24	M27	M30	M33	M36
s	24	27	30	32	36	41	46	50	55
e	26.75	29.56	32.95	35.03	39.55	45.2	50.85	55.37	6.79
m	8	9	10	11	12	13.5	15	16.5	18

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Nuts

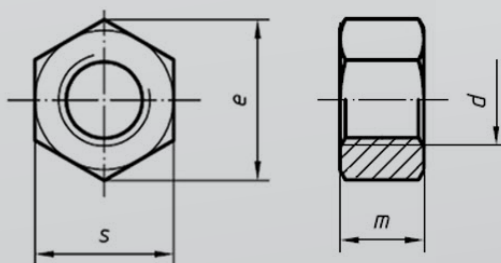


Nylock Nut



Manufacturing Process			Hot Forge				Yes		
			Cold Forge				Yes		
TECHNICAL SPECIFICATION									
d1	M5	M6	M8	M10	M12	M14	M16	M20	M24
s	8	10	13	17	19	22	24	30	36
e	8.79	11.05	14.38	18.90	21.1	24.49	26.75	32.95	39.55
m min	3.52	3.92	5.15	6.43	8.3	9.68	11.28	13.52	16.16
h	6.3	8	9.5	11.5	14	16	18	22	28

Press Nut

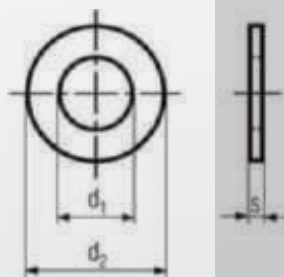
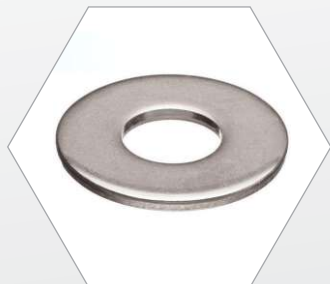


Manufacturing Process				Hot Forge				Yes			
				Cold Forge				Yes			
TECHNICAL SPECIFICATION											
d1	M6	M7	M8	M10	M12	M14	M16	M18	M20	M22	M24
s	10	11	13	17	19	22	24	27	30	32	36
e	11.05	12.12	14.38	18.9	21.1	24.49	26.75	29.56	32.95	35.03	39.55
m	5	5.5	6.5	8	10	11	13	15	16	18	19

Washers

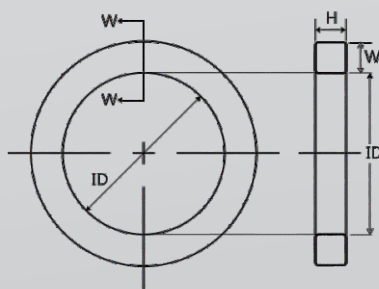


Plain Washer



Manufacturing Process				Hot Forge					No			
				Cold Forge					Yes			
TECHNICAL SPECIFICATION												
for thread size	M3	M3.5	M4	M5	M6	M7	M8	M10	M12	M14	M16	M18
d1	3.2	3.7	4.3	5.3	6.4	7.4	8.4	10.5	13	15	17	19
d2	7	8	9	10	12	14	16	20	24	28	30	34
s	0.5	0.5	0.8	1	1.6	1.6	1.6	2	2.5	2.5	3	3
for thread size	M20	M22	M24	M27	M30	M33	M36	M39	M42	M45	M48	M52
d1	21	23	25	28	31	34	37	40	43	46	50	54
d2	37	39	44	50	56	60	66	72	76	85	92	98
s	3	3	4	4	4	5	5	6	7	7	8	8

Ring Washer



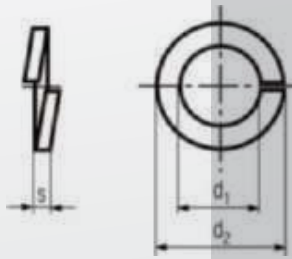
Manufacturing Process				Hot Forge				No			
				Cold Forge				Yes			
TECHNICAL SPECIFICATION											
Used for	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20
d1	3.2	4.3	5.3	6.4	8.4	10.5	13	14	17	20	22
d2 max	9	12	15	18	24	30	37	44	50	56	60
s	0.8	1	1.2	1.6	2	2.5	3	3	3	4	4

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Washers

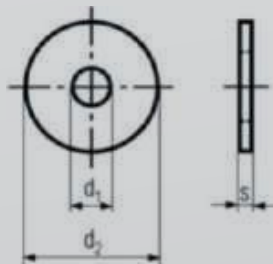


Spring Washer



Manufacturing Process			Hot Forge						No			
			Cold Forge						Yes			
TECHNICAL SPECIFICATION												
for thread size	M2	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20
d1	2.1	3.1	4.1	5.1	6.1	8.1	10.2	12.2	14.2	16.2	18.2	20.2
d2	4.4	6.2	7.6	9.2	11.8	14.8	18.1	21.1	24.1	27.4	29.4	33.6
s	0.5	0.8	0.09	1.2	1.6	2	2.2	2.5	3	3.5	3.5	4
for thread size	M22	M24	M27	M30	M33	M36	M38	M42	M45	M48	M52	
d1	22.5	24.5	27.5	30.5	33.5	36.5	39	42.5	45.5	49	53	
d2	35.9	40	43	48.2	55.2	58.2	61.2	68.2	71.2	75	86	
s	4	5	5	6	6	6	6	7	7	7	8	

Big OD Washer

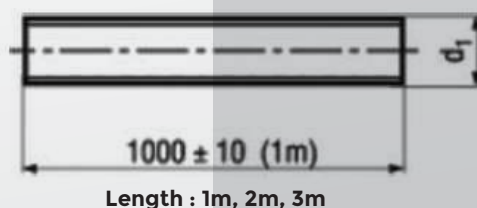


Manufacturing Process				Hot Forge				No			
				Cold Forge				Yes			
TECHNICAL SPECIFICATION											
Used for	M3	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20
d1	3.2	4.3	5.3	6.4	8.4	10.5	13	14	17	20	22
d2 max	9	12	15	18	24	30	37	44	50	56	60
s	0.8	1	1.2	1.6	2	2.5	3	3	3	4	4

Stud & Threaded Bar

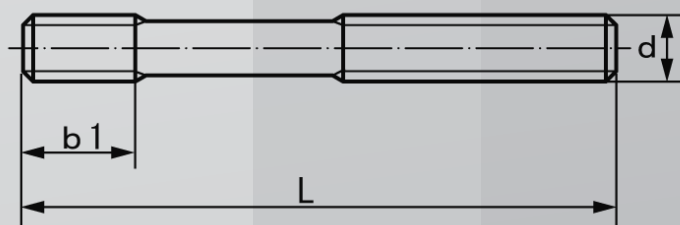


Full Threaded Rod/Bar



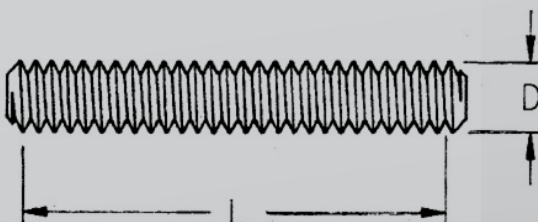
Manufacturing Process			Hot Forge				No			
			Cold Forge				Yes			
TECHNICAL SPECIFICATION										
d1	M6	M8	M10	M12	M14	M16	M18	M20	M22	M24

Half Threaded Rod



Manufacturing Process	Hot Forge		No	
	Cold Forge		Yes	
Size: (IS)	Diameter		M6 to M24	
	Length		30 to 300	
Size: (BS)	Diameter		1/4" to 1"	
	Length		1" to 40"	

MS Stud



Manufacturing Process	Hot Forge		No	
	Cold Forge		Yes	
Size: (IS)	Diameter		M6 to M24	
	Length		30 to 300	
Size: (BS)	Diameter		1/4" to 2"	
	Length		1" to 40"	



Pressed Swivel Coupler

Specifications :-
SIZE: 40*40, 40*50, 50*50
Finish: Zinc Plating



Pressed Fixed Coupler

Specifications :-
SIZE: 40*40, 40*50, 50*50
Finish: Zinc Plating



Forged Swivel Coupler

Specifications :-
SIZE: 40*40, 40*50, 50*50
Finish: Zinc Plating



Forged Fixed Coupler

Specifications :-
SIZE: 40*40, 40*50, 50*50
Finish: Zinc Plating



Beam Clamp

Specifications :-
Finish: Zinc Plating



Board Retaining Clamp

Specifications :-
Finish: Zinc Plating



Bottom Cup
Specifications :-
Finish: Zinc Plating



Toe Board Clamp
Specifications :-
Finish: Zinc Plating



Joint Box
Specifications :-
Finish: Zinc Plating



Eye-Bolt



Rivet



T-Bolt



Tie Rod



TR FASTENERS

Certifications

Government of India
Ministry of Commerce and Industry
Directorate General of Foreign Trade, Ludhiana
Office of the Additional Director General of Foreign Trade, Ludhiana
Niryat Bhavan, BSNL Telephone Exchange, E Block, BRS Nagar, Ludhiana

Importer-Exporter Code

This is to certify that T.R. FASTNER is issued an Importer-Exporter Code (IEC) 3008003281 with details as follows:-

IEC	3008003281
प्राई डाटा नं. (फोन) / PAN	AAYPK7616A
फर्म का नाम / Firm Name	T.R. FASTNER
सिस्टम की प्रकृति / Nature of Concern	Proprietorship
वारी करने की तारीख / Date of Issue	22/05/2008
पता / Registered Address	XIX 536/35/02, SUA ROAD, INDUSTRIAL AREA C, Contact No: 0161-2510544, LUDHIANA, 141010
हस्ताक्षर का नाम / Name of the Signatory	Refer online at https://dgft.gov.in or scan the QR Code
Director / Partner Details	Refer online at https://dgft.gov.in or scan the QR Code
शाखा/दफ्तार / Branch Details	

Last Modified :-
File Number :-

Note: This is a system-generated certificate. Authenticity / Updated details of the IEC can be checked at official DGFT website <https://dgft.gov.in> by entering the IEC and Firm Name under Services > View Any IEC Details. You can also authenticate the certificate by scanning the QR code.

Certificate of Registration

This is to Certify that
Quality Management System of

T R FASTENERS

PLOT NO. BX135/36/35E/4D, BACKSIDE RAVI COMPUTER KANDA, SUA ROAD,
DHANDARI KALAN, LUDHIANA - 141003, PUNJAB, INDIA

has been assessed and found to conform to the requirements of
ISO 9001:2015
for the following scope:

MANUFACTURING OF FASTENERS & SCAFFOLDING ACCESSORIES.

Certificate No : 21EQEM52
Initial Registration Date : 06/10/2021
Date of Expiry : 05/10/2024
1st Surve. Due : 06/09/2022

Issuance Date : 06/10/2021
2nd Surve. Due : 06/09/2023

mms **EGAC** **IAF**

Magnitude Management Services Pvt. Ltd.
403, Madhuban Building, 56, Nehru Place, New Delhi-110019, India
e-mail: info@mmscertification.com, website: www.mmscertification.com
* subject to successful surveillance audits a new surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.
Certificate Validity: Please do check the validity of certificate at <http://www.mmscertification.com> or www.mmscertification.com at Delhi Client.
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned when demanded.

Director

Certificate of Registration

This is to Certify that
Environmental Management System of

T R FASTENERS

PLOT NO. BX135/36/35E/4D, BACKSIDE RAVI COMPUTER KANDA, SUA ROAD,
DHANDARI KALAN, LUDHIANA - 141003, PUNJAB, INDIA

has been assessed and found to conform to the requirements of
ISO 14001:2015
for the following scope:

MANUFACTURING OF FASTENERS & SCAFFOLDING ACCESSORIES.

Certificate No : 21EEEH60
Initial Registration Date : 06/10/2021
Date of Expiry : 05/10/2024
1st Surve. Due : 06/09/2022

Issuance Date : 06/10/2021
2nd Surve. Due : 06/09/2023

mms **EGAC** **IAF**

Magnitude Management Services Pvt. Ltd.
403, Madhuban Building, 56, Nehru Place, New Delhi-110019, India
e-mail: info@mmscertification.com, website: www.mmscertification.com
* subject to successful surveillance audits a new surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.
Certificate Validity: Please do check the validity of certificate at <http://www.mmscertification.com> or www.mmscertification.com at Delhi Client.
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned when demanded.

Director

Certificate of Registration

This is to Certify that
Occupational Health & Safety Management System of

T R FASTENERS

PLOT NO. BX135/36/35E/4D, BACKSIDE RAVI COMPUTER KANDA, SUA ROAD,
DHANDARI KALAN, LUDHIANA - 141003, PUNJAB, INDIA

has been assessed and found to conform to the requirements of
ISO 45001:2018
for the following scope:

MANUFACTURING OF FASTENERS & SCAFFOLDING ACCESSORIES.

Certificate No : 21EOEGS2
Initial Registration Date : 06/10/2021
Date of Expiry : 05/10/2024
1st Surve. Due : 06/09/2022

Issuance Date : 06/10/2021
2nd Surve. Due : 06/09/2023

mms **EGAC** **IAF**

Magnitude Management Services Pvt. Ltd.
403, Madhuban Building, 56, Nehru Place, New Delhi-110019, India
e-mail: info@mmscertification.com, website: www.mmscertification.com
* subject to successful surveillance audits a new surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.
Certificate Validity: Please do check the validity of certificate at <http://www.mmscertification.com> or www.mmscertification.com at Delhi Client.
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned when demanded.

Director

Application



Application

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& Structure Fasteners.*



TR FASTENERS

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+91-9888008463

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trfastener55@gmail.com

Visit Us

www.trfasteners.in

