

STAINLESS STEEL FASTENERS

Your Partner in

Stainless Steel Excellence

With over 30 years of experience, Viraj Profiles Pvt. Ltd. is a global leader in stainless steel long products, flanges and fasteners, exporting to 96+ countries with a turnover of USD 1.5 billion. Backed by 11,000+ professionals, we are trusted by 1,300+ customers across 6 continents.

Now strengthening our focus in India, Viraj is expanding its state-of-the-art manufacturing to serve evolving domestic needs.

Driven by a vision to be the most respected stainless steel brand, we uphold values of innovation, trust and sustainability—delivering excellence in every product.

Our advanced melting shop, equipped with induction furnaces, AOD converters, and continuous casters, ensures world-class purity and precision.

From automotive to aerospace, our products power industries worldwide, reinforcing our place in global supply chains.



World-Class

Stainless Steel Products for Every Application

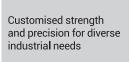
Viraj Profiles Pvt. Ltd. offers over 50,000 SKUs across grades like Austenitic, Ferritic, Martensitic, Duplex and Electrode—engineered for reliability, performance and global standards.



WIRE RODS

Key Features

Size Range	5.5 mm to 39.5 mm
Applications	Shipbuilding, automotive, petroleum, agriculture, welding
Standards	ASTM, DIN, BS, JIS, AWS





WIRES

Size Range	0.09 mm to 15 mm
Applications	Medical, food processin automotive, agriculture
Standards	ASTM, DIN, BS, JIS, AWS
Key Features	Available in fine wire spooling, TIG wire straightening, and random winding



EL ANICES

FLANGES		
Size Range	½" to 40"	
Applications	Oil & gas, chemical, petrochemical, power, marine	
Standards	International (ASME, ANSI, DIN, etc.)	
Key Features	Types include Blind, Weld Neck, Slip-on, Threaded; designed for high-pressure and high -temperature operations	



BRIGHT BARS

Size Range	3 mm to 600 mm (in Round, Hexagon, Square, Flat shapes)
Applications	Aerospace, automotive, railways, oil & gas, engineering
Standards	International quality standards with ultrasonic and eddy current testing
Key Features	Cold-finished and defect-tested for dimensional accuracy and durability



PROFILES

PRUFILES		
Size Range	Custom profiles as per client specifications	
Applications	Construction, architecture communication towers, shipbuilding, power	
Standards	Tested via tensile, ultrasonic, and impact methods	
Key Features	High-strength and precision-engineered for structural stability	

NEW ADDITION



SEAMLESS & WELDED PIPES

Size Range	As per industrial specifications
Applications	Fluid/gas transport, pressure systems, structural use
Standards	ASTM, ASME, EN and more
Key Features	Built for long-lasting performance, corrosion resistance, and leak-proof reliability

Quality That

Inspires Confidence

Commitment To Quality

Viraj Profiles Pvt. Ltd stands as a global benchmark in stainless steel manufacturing. Operating advanced 360-degree facilities equipped with state-of-the-art technologies, the company delivers a wide array of stainless steel solutions that cater to diverse industries and applications.

Spread across expansive manufacturing units and powered by a team of highly trained and skilled professionals, Viraj Profiles continues to push boundaries in quality and innovation. The company's cutting-edge melting shop processes and superior-grade stainless steel products reflect its unwavering commitment to excellence.

With more than 130 global certifications and approvals from renowned regulatory bodies, we have consistently met and exceeded the most stringent quality standards in the world. This unmatched capability positions the company as a trusted partner for clients with evolving and complex requirements, ensuring excellence in every product.



Certification & Compliance

Viraj Profiles Pvt. Ltd. adheres to the highest industry standards, with over 100+ certifications from leading regulatory bodies worldwide. These certifications reflect our ongoing commitment to maintaining the highest levels of quality, safety, and environmental responsibility across all our products.

Product Certifications















Comprehensive Testing & Inspection

Our comprehensive testing and inspection process guarantees the precision and performance of every product we manufacture.

Key tests include

Tensile Testing:

Ensuring optimal strength and performance unde stress.

Hardness Testing:

Verifying the material's resistance to wear and ensuring long-lasting durability.

Intergranular Corrosion Testing (IGC):

Assessing material integrity in challenging environments.

Positive Material Identification (PMI):

Confirming material consistency and quality throughout production.

By maintaining rigorous testing standards, we ensure the reliability and performance of every product we deliver.

Our Sustainability Drive

A Step Towards Near Zero

- 130 MW DC Solar Power Plant commissioned
- 40% of energy needs now met through solar energy
- Targeting near zero emissions
- · Adoption of Electric Vehicles (EVs) in transport fleet
- Eco-friendly practices integrated across operations
- Strong focus on renewable energy & green mobility
- · Reinforcing commitment to sustainable industrial growth

Holding a

World Together

Overview

Viraj Profiles Pvt. Ltd. is amongst the leading companies globally known for delivering a wide array of high-quality stainless steel fasteners designed to meet the unique demands of industries worldwide. Since the inception of our Fasteners Division in 2006, we have consistently elevated industry standards of quality, precision, and dependability, earning the trust of customers across the globe as a reliable partner in fastening solutions.

We cater to both standard and highly specialised industrial requirements with an extensive range of fasteners.



Comprehensive Range

for Every Industry



BOLTS

Available in a wide range of grades and sizes, suitable for standard to heavy-duty applications, ensuring reliable fastening solutions for every project.



NUTS

Complementing our bolts, our nuts come in various strengths and grades, offering secure fastening options for a variety of uses.



SCREWS

Designed for precision, our screws are available in both standard and custom sizes, engineered to meet the specific needs of your applications.



WASHERS

From flat washers to spring washers, our washers are designed to distribute load and provide support, ensuring reliable fastening performance.



THREADED RODS

Ideal for use in a range of industrial applications, threaded rods offer versatile solutions for secure fastening over long distances.



DOWEL SCREWS

Precision-engineered for strong, corrosion-resistant fastening in wood-to-wood or wood-to-metal applications. Ideal for furniture and construction use, they ensure durability and easy installation.

Grades & Property Classes:

Our fasteners are available in a variety of grades and property classes that suit diverse industry requirements. These include:

Grades: 304, 304L, 316, 316L, 316Ti, 200 series, Alloy Group A2, and A4.

Property Class for Bolts & Screws: A2-70, A2-80, A4-70, A4-80, F593C, F593D, F593G, F593H, A4-070, A2-070, A2, A4, A2-50, A4-50, A5-70.

Property Class for Nuts: A2-70, A2-80, A4-70, A4-80, F594C, F594D, F594G, F594H, A2-035, A4-040, A5-70, 8, 8M.

Property Class for SHCS: F837B, F837E, A2-70, A4-70, A2-80, A4-80.

Property Class for Threaded Rods: A2-70, A2-80, A4-70, A4-80, F593C, F593D, F593G, F593H, B8, B8M & CL2.



Dimensional

Specifications

Viraj Profiles Pvt. Ltd. offers stainless steel fasteners in a comprehensive range of **sizes**, **shapes**, **and standard thread configurations** to meet the precise needs of various industries. Our fasteners are manufactured to comply with globally recognized dimensional standards, ensuring **accuracy**, **compatibility**, **and ease of installation** across diverse applications.

We provide:

- **Bolts & Screws:** M3 to M39 | 1/4" to 1 1/2"
- **Nuts:** M5 to M27 | 1/4" to 1"
- Washers & Threaded Rods: Custom sizes available upon request
- Each fastener is engineered with strict tolerances to deliver **optimal fit, durability, and performance,** making it suitable for demanding environments such as construction, automotive, marine, and heavy engineering. For custom dimensions and specialized requirements, we offer tailored solutions to match project-specific needs.

20,000 SKUs & More

More than 20,000 SKUs are manufactured at our Fastener Plant which are used across industries globally. These include:



HEXAGON HEAD BOLT

DIN 931/ISO 4014 ANSI B 18.2.1

Size	Length	Size	Length
M5	25-100	1/4"	1 1/4"- 6"
M6	25-150	5/16"	1 1/4" - 7"
M8	30-180	3/8"	1 1/2" - 10"
M10	35-250	7/16"	1 3/4"- 6"
M12	40-250	1/2"	1 7/8" - 10"
M14	45-250	9/16"	2" - 8"
M16	50-250	5/8"	2" - 10"
M18	60-250	3/4"	2 5/8" - 10"
M20	60-250	7/8"	2 3/4" - 10"
M22	70-250	1"	3 1/4" - 10"
M24	80-250	1 1/8"	4" - 14"
M27	90-350	1 1/4"	4" - 14"
M30	90-350	1 3/8"	4 1/2" - 14"
M33	110-350	1 1/2"	4 1/2" - 14"
M36	110-350		
M39	110-350		



HEXAGON HEAD SCREW

DIN 933/ISO 4017 ANSI B 18.2.1

Size	Length	Size	Length
M5	10-70	1/4"	3/8"-6"
M6	10-150	5/16"	1/2" - 7"
M8	10-200	3/8"	5/8" - 8"
M10	16-200	7/16"	3/4" - 6"
M12	20-200	1/2"	3/4" - 8"
M14	25-200	9/16"	1" - 8"
M16	25-200	5/8"	1" - 8"
M18	40-200	3/4"	1 1/2" - 8"
M20	40-200	7/8"	1 1/2" - 8"
M22	40-200	1"	1 3/4" - 8"
M24	40-200	1 1/8"	2" - 6"
M27	50-200	1 1/4"	2-1/2"- 6"
M30	50-200	1 3/8"	3"- 6"
M33	60-200	1 1/2"	3"- 6"
M36	60-200		
M39	60-200		



HEXAGON SOCKET HEAD CAP SCREW

DIN912/ISO4762





HEXAGON SOCKET HEAD CAP SCREW

ANSI B 18.3

Size	Length	
	F/T	H/T
1/4"	3/8" - 4"	1 1/2" - 6"
5/16"	1/2" - 6"	1 3/4" - 6"
3/8"	5/8"- 6"	1 3/4"- 6"
7/16"	3/4" - 6"	2"- 6"
1/2"	3/4"- 6"	2 1/4"- 6"
5/8"	1 1/4"- 6"	2 1/2"- 6"
3/4"	2"- 8"	3"- 8"
7/8"	2"- 8"	3 1/4"- 8"
1"	2" - 8"	3 1/2"- 8"
	_	-
	_	_



ROUND HEAD SQUARE NECK BOLT OR CARRIAGE BOLT

DIN 603

ANSI B 18.5

Size	Length		Size	Length	
	F/T	H/T		F/T	H/T
M 5	16 - 65	25-80	1/4"	5/8'' - 3"	1-1/4"- 4"
M 6	16 - 80	35-150	5/16"	3/4'' - 4"	1-1/2"- 6"
M 8	20 - 100	40-150	3/8"	3/4" - 4"	1-3/4"- 6"
M 10	20 - 100	45-150		_	



HEX WOOD/LAG SCREW

DIN 571

Size	Length
M5	25 - 70
M6	25 - 100
M8	30 - 150
M10	40 - 150
M12	45 - 150



HEXAGON SOCKET FLANGE BUTTON HEAD SCREW

IS07380-2

Size	Length	Size	Length
МЗ	10 - 40	M8	12 - 150
M4	10 - 50	M10	16 - 150
M5	10 - 60	M12	20 - 150
M6	10 - 100		





HEXAGON SOCKET BUTTON HEAD SCREW

IS07380-1

ANSI B 18.3

Size	Length	Size	Length
М3	10 - 40		
M4	10 - 50		
M5	10 - 60		
M6	10 - 100	1/4"	3/8" - 4"
M8	12 - 150	5/16"	1/2" - 6"
M10	16 - 150	3/8"	5/8" - 6"
M12	20 - 150	1/2"	3/4" - 6"













HEXAGON SOCKET COUNTERSUNK HEAD CAP SCREW

DIN7991/ISO10642

ANSI B 18.3

Size	Size Length		Size	Length		
	F/T	H/T DIN	H/T ISO		F/T	Н/Т
M3	10 - 40	25 - 40	30 - 40	-	-	-
M4	10 - 50	30 - 50	30 - 50	-	-	-
M5	10 - 75	35 - 75	35 - 75	-	-	-
M6	10 - 100	40 - 100	40 - 100	-	-	-
M8	12 - 150	50 - 150	50 - 150	1/4"	1/2" - 4"	1 3/4" - 4"
M10	16 - 200	50 - 200	55 - 200	5/16"	1/2" - 4"	2" - 6"
M12	20 - 200	60 - 200	65 - 200	3/8"	5/8" - 6"	2 1/4" - 8"
M14	40 - 200	60 - 200	70 - 200	1/2"	1" - 6"	2 1/2" - 8"
M16	40 - 200	70 - 200	80 - 200	5/8"	1 5/8" - 8"	3 1/4" - 8"
M18	40 - 200	70 - 200	-	3/4"	1 5/8" - 8"	3 1/2" - 8"
M20	40 - 200	80 - 200	100 - 200	_	_	<u>-</u>



SLOTTED CSK HEAD SCREW

DIN 963

Size	Length
M3	10 - 40
M4	10 - 50
M5	10 - 60
M6	10 - 80



SLOTTED RAISED CSK OVAL HEAD SCREW

DIN 964

Size	Length
M3	10 - 40
M4	10 - 50
M5	10 - 60
M6	10 - 80



SLOTTED CHEESE HEAD SCREW

DIN 84

Size	Length
M3	10 - 40
M4	10 - 50
M5	10 - 60
M6	10 - 80



SLOTTED PAN HEAD SCREW

DIN 85

Size	Length
М3	10 - 40
M4	10 - 50
M5	10 - 60
M6	10 - 80



HEXAGON FLANGE BOLT (FT) SERRATED/ NON SERRATED

DIN 6921/IS-15582

Size	Length	Size
	Min.	Max.
M8	20	40
M10	20	50



CROSS RECESSED CSK FLAT HEAD SCREW

DIN 965 TYPE H&Z/TORX

Size	Length
M3	10 - 40
M4	10 - 50
M5	10 - 75
M6	10 - 100
M8	12 - 150
M10	16 - 150



CROSS RECESSED RAISED CHEESE

DIN 7985 TYPE H&Z/TORX

Size	Length
M3	10 - 40
M4	10 - 50
M5	10 - 75
M6	10 - 100
M8	12 - 150
M10	16 - 150





DIN 966	TYPE H & Z
	IYPFH & /

Size	Length
M3	10 - 40
M4	10 - 50
M5	10 - 75
M6	10 - 100
M8	12 - 150
M10	16 - 150







Slotted Pan Head Tapping Screw			Slotted CSK Flat Head Tapping Screw		Slotted Raised CSK (Oval) Head Tapping Screw	
DIN-7971		DIN-7972	DIN-7972		DIN-7973	
Size	Length	Size	Length	Size	Length	
ST 2.9	9.5 - 38	ST 2.9	9.5 - 38	ST 2.9	9.5 - 38	
ST 3.5	9.5 - 38	ST 3.5	9.5 - 38	ST 3.5	9.5 - 38	
ST 3.9	9.5 - 38	ST 3.9	9.5 - 38	ST 3.9	9.5 - 38	
ST 4.2	9.5 - 50	ST 4.2	9.5 - 50	ST 4.2	9.5 - 50	
ST 4.8	9.5 - 60	ST 4.8	9.5 - 60	ST 4.8	9.5 - 60	
ST 5.5	13 - 60	ST 5.5	13 - 60	ST 5.5	13 - 60	
ST 6.3	13 - 60	ST 6.3	13 - 60	ST 6.3	13 - 60	







	essed Pan oing Screw	Cross Recessed CSK Flat Head Tapping Screw		Cross Recessed Raised CSK (Oval) Head Tapping Screw	
(TYPE H &	z Z)	(TYPE H & Z)	(TYPE H & Z)
DIN-7981		DIN-7982		DIN-7983	
Size	Length	Size	Length	Size	Length
ST 2.9	9.5 - 38	ST 2.9	9.5 - 38	ST 2.9	9.5 - 38
ST 3.5	9.5 - 38	ST 3.5	9.5 - 38	ST 3.5	9.5 - 38
ST 3.9	9.5 - 38	ST 3.9	9.5 - 38	ST 3.9	9.5 - 38
ST 4.2	9.5 - 50	ST 4.2	9.5 - 50	ST 4.2	9.5 - 50
ST 4.8	9.5 - 60	ST 4.8	9.5 - 60	ST 4.8	9.5 - 60
ST 4.8	13 - 60	ST 5.5	13 - 60	ST 5.5	13 - 60
ST 6.3	13 - 60	ST 6.3	13 - 60	ST 6.3	13 - 60

JIS B1181	Hexagon Nut	JIS B1190	Hexagon Flange Nut Size
Size	M 6 to M 16	Size	M6 to M12



ISO14579-F	014579-FT Hexalobular Socket Head Cap Screw		IS014579-HT	Hexalobular Socket Head Cap Screw	
Size.	Min.	Max.	Size.	Min.	Max.
М6	10	100	M6	35	150
М8	12	160	M8	40	160
M10	16	150	M10	45	150
M12	20	150	M12	55	150

HEXAGON SOCKET THIN HEAD CAP SCREW WITH BLIND HOLE

DIN 6912

Size	Length H/T
M6	25 - 100
M8	30 - 125
M10	30 - 150
M12	45 - 150

HEXAGON SOCKET THIN HEAD CAP SCREW

DIN 7984

Size	Length H/T
M6	30 - 100
M8	35 - 160
M10	40 - 150
M12	50 - 150



41444444444

Dowel Screw Hexagon End		Dowel Screw Middle Hex		Dowel Screw Without Hex	
Size	Length	Size Length		Size	Length
M10	160 - 250	M10	80 - 200	M6	50 - 160
M12	200 - 300	M12	100 - 250	M8	60 - 160

THREADED ROD

DIN 975/DIN 976

ANSI B 18.31.3/IFI 136/ASTM A 193 (CLASS-2)

	Size	Length	Size	Length
Law er Law erth	M5	0.50 Mtr - 1.0 Mtr	7 (4"	0.5 mtr - 3 mtr
Long Length	M6-M36	0.30 mtr - 3 mtr	1/4"	3' - 12'
Chart Langth	MG	20 160	E/16" 11/0"	0.5 mtr - 3 mtr
Short Length	M6	30 - 160	5/16" - 11/2"	3' - 12'
	M8	30 - 160		
	M10	40 - 250		
	M12	50 - 250		
	M14	50 - 250		
	M16	60 - 250		
	M18	60 - 250		
	M20	60 - 250		

DESCRIPTION	SIZE
BS-1083 HEXAGON NUT	1/4" - 1"
ISO 7040 THICK NYLOCK NUT	M10 - M12
IFI-145 / 18.16.4 HEXAGON FLANGE NUT WITH SERRATION	1/4" - 1/2"
ASME B18.2.4.6M HEAVY HEXAGON NUT	M12, M16, M20
UNI 5587 1D HEXAGON NUT	M10 - M20









DIN934/ISO4032 /ISO 8673	DIN439/ISO4035 /ISO 8675	ANSI B 18.2.2			
Hexagon	Hexagon	Heavy	Hexagon	Hexagon Jam	
Nuts	Thin Nuts	Hexagon Nuts	Nuts	Nuts	
M5 - M27	M6 - M24	1/4" - 7/8"	1/4" – 1"	1/4" - 1"	





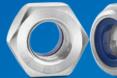








DIN557	DIN562	DIN928	DIN929
Square Nuts	Square Thin Nuts	Square Weld Nuts	Hexagon Weld Nuts
M5 - M12	M6 - M8	M6 - M10	M5 - M12









DIN982 Thick Nyloc Nuts

DIN985 Thin Nyloc Nuts IFI 100 - 107 **Thick Nyloc Nuts**

M6 - M12

M6 - M12

1/4" - 3/8"





DIN6923 Hexagon Flange Nuts

Hexagon Flange Nuts with Serration

M6 - M12

Size

M5-M24

M6 - M12













DIN 125 Plain Washer

Size ¼" to 2" **DIN 127 Spring Lock Washer** Size

M5-M24

Size

1/4"-2"







External Serrated Lock Washers		Internal Serrated Lock Washers		
Size	Size	Size	Size	
M5-M24	¼" to 2"	M5-M24	¼" to 2"	

ANSI B 18.6.3

Cross Recessed Pan Head Machine Screw			Recessed Head Machine	Cross Recessed Flat CSK Head Machine Screw		Cross Recessed Raised CSK Oval Head Machine Screw	
Size	Length	Size	Length	Size	Length	Size	Length
1/4"	3/8"- 4"	1/4"	3/8"- 4"	1/4"	3/8"4"	1/4"	3/8"-4"
5/16"	1/2" - 5"	-	-	5/16"	1/2"- 5"	-	-
3/8"	7/8" - 5"	_	_	-	-	-	_

Hexalobular Socket CSK Flat Head Screw ISO 14581			Hexalobular Raised CSK Head Screw ISO 14584		
M3	10	40	M3	10	40
M4	10	40	M4	10	40
M5	10	50	M5	10	50
M6	12	100	M6	12	100
M8	12	100	M8	12	100
M10	16	100	M10	16	100

Hexalobular Pan Head Tapping Screw (Cross Recess)		Hexalobular CSK Tapping Screw (Cross Recess)			
ISO 14585			ISO 14586		
Size	Len (Min)	Len (Max)	Size	Len (Min)	Len (Max)
ST 2.9	9.5	38	ST 2.9	9.5	38
ST 3.5	9.5	38	ST 3.5	9.5	38
ST 4.2	9.5	50	ST 4.2	9.5	50
ST 4.8	9.5	60	ST 4.8	9.5	60
ST 5.5	13	60	ST 5.5	13	60
ST 6.3	13	60	ST 6.3	13	60

Hexalobular Raised CSK (Oval)		Head Tapping Screw ISO 14587	
Size	Length	Size	Length
ST 2.9	9.5 - 38	ST 4.8	9.5 - 60
ST 3.5	9.5 - 38	ST 5.5	13 - 60
ST 4.2	9.5 - 50	ST 6.3	13 - 60

Testing Facilities	Certifications	Certified from (TUV)	Certified from (BIS)
Tensile Test	EN-ISO 10204-3.1	ISO 9001-2015	IS 1364 - 1
Impact Test	-	CE	IS 1364 - 2
Hardness Test	EN-ISO 10204-3.2	ADW2 / PED	
IGC Test	-	ISO 14001 - 2015	
		ISO 45001 - 2018	

Finishes &

Surface Conditions

At Viraj Profiles Pvt. Ltd., we offer a range of specialised finishes to enhance the performance, durability, and aesthetics of our stainless steel fasteners. Each finish is designed to meet the highest industry standards, ensuring superior corrosion resistance, enhanced surface protection and a refined appearance.

Corrosion-Resistant Finishes

Passivation – Removes contaminants and enhances corrosion resistance, ideal for harsh environments.

Electropolishing – Provides a smooth, high-purity surface, perfect for hygiene-sensitive industries like medical and food processing.





Protective & Functional Coatings

Viraj Stainless Steel Fasteners are equipped with a special coating that forms a clean, non-greasy, abrasion-resistant film. This clear lubricant ensures smooth, touch-safe handling and provides superior protection against thread galling and seizing—delivering a hassle-free fastening experience in stainless steel applications.

Standards

& Compliance

At Viraj Profiles, quality is a structured and continuous process, embedded in every stage of manufacturing. Our fasteners undergo stringent testing and inspection to ensure they meet the highest international standards for reliability, durability, and performance. Equipped with world-class testing facilities, we adhere to rigorous quality control protocols, ensuring consistency in every product.

With **100+ international certifications,** our fasteners comply with industry-leading standards, including:

ISO 9001

Quality Management System

ISO 14001

Environmental Management System

ISO 45001

Occupational Health & Safety Management

AD 2000-Merkblatt WO

Compliance with German Industrial Standards

PED (Pressure Equipment Directive)

European Safety and Reliability Certification

CPR (Construction Products Regulation)

Ensuring Structural Integrity and Safety

BIS (Bureau of Indian Standards)

To uphold these certifications, we employ automated defect detection, real-time quality monitoring, and traceability systems across all production stages. Through continuous process improvements and strict adherence to global standards, Viraj Profiles Pvt. Ltd. ensures that its fasteners perform with precision and reliability in critical applications worldwide.



Viraj Profiles Private Limited

Corporate Office:

Viraj Tower, Ground & 1st Floor, Junction of Andheri Kurla Road, Western Express Highway, Near Land Mark Building, Andheri (East), Mumbai - 400069, India | **T** : +91-22 6276 6200

Factory Office:

G-34, MIDC Tarapur Industrial Area, Boisar, Dist. - Palghar, Maharashtra - 401506, India T:+91-2525 660 600

Registered Office:

223, Exult Developers, Nr Vesu SS, Vesu, Surat - 395007, Gujarat, India

☐ For Product Related Enquiries: sales@viraj.com







CIN: U28113GJ1996PTC151710