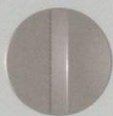
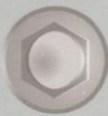




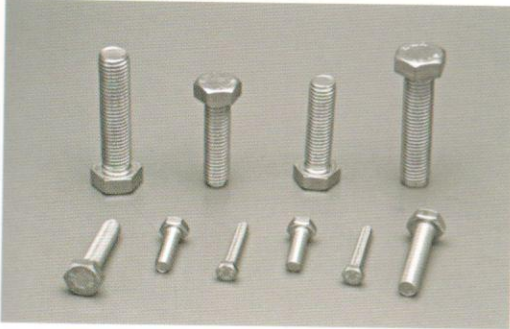
**Stainless Still
Quality Fasteners**



PARMAR METALS PVT. LTD.

WELCOME TO PARMAR METALS PVT LTD.

When you stop and think about fasteners, you realise that they are really pretty important little components. Without them, almost everything we use in day to day life would literally fall apart at its seams. We at PMPL Fasteners think fasteners are the most important components of an assembly. We strive to manufacture fasteners with an emphasis on betterment of overall quality aspects. We are expert in manufacturing of STAINLESS STEEL FASTENERS. The company makes wide range of fasteners and adding sophisticated machines to cover more range. Company is under vertical expansion to meet the global demand and growing with a fast pace.



Stainless Steel Bolts & Nuts for Water Projects and Water Reservoirs

Rollfast manufactures the complete range of **stainless steel bolting** in **SS 202, SS 316 & SS 304** used in projects related to water treatment, sewage water treatment plants, desalination plants, water equipment, for flange joints & pumps.

Rollfast is producing **stainless steel bolts & nuts**

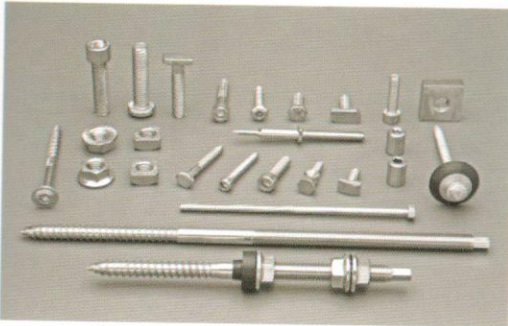
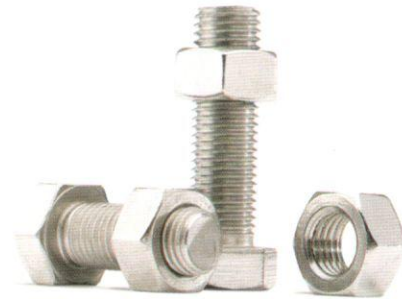
SS 202, SS 316 & SS 304 grade nuts and bolts for the ever growing demand for water storage reservoirs and projects in middle east. These bolts and nuts are used for joining pipelines using pumps and valves.

High Tensile Bolts & Nuts

We at Rollfast manufacture speciality fasteners in many grades in stainless steel and alloy steel. Our expertise over the years has resulted in us providing material in shorter delivery times as per customers drawings or prototype samples.

- Hex Bolts & Nuts in DIN 931 and 933
- Stud Bolts & Nuts ASTM A-193 and A-194
- Foundation Bolts
- Anchor Bolts
- Testing and Quality Control

We have a long standing tradition of providing uncompromised quality fasteners, We relentlessly conduct series of quality checks like UTS testing, profile checks, destructive and all other kinds of non destructive testings.



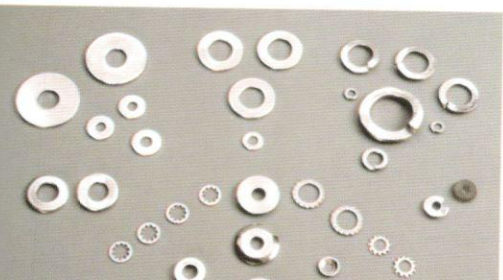
Materials	: Stianless Steel , AISI 202, 304 & 316
Threads	: METRIC, BSW, BSF, UNC, UNFm AS REQUIRED
Size Range	: M3 to M20, 1/8" to 3/4"
Length Range	: 8 mm to 150 mm, 3/8" to 6"
Standards	: DIN, ISO, IS, BS, ANSI

We are committed to satisfy the needs and expectations of our customers by manufacturing and supplying Alloy Steel & Stainless Steel Fasteners of **stated quality, timely delivery and reliable services** at all times.

We strive for continuous improvement through productivity and employee participation. We make sure each and every product face rigorous inspection stages during production process before they make it to the box, ready for shipment.

The Management shall promote Quality at all levels through execution of the quality management system complying to **ISO 9001:2008** standard.

We always aim to give zero defect products to our customers. Every products is certified after final inspection and packaging for its conformance against specified international standards or customer specific requirements. We always believe in continuous improvement in our products keeping in view of customer's requirement.



Note :

- Special Stainless Steel Grade available on request
- We can develop product as per customer's specification/drawing
- All austenitic stainless steel fasteners are normally non-magnetic; after cold working, some magnetic properties may be evident Please ref: ISO 3506-1 standard
- Material Test Certificate is provided as per the EN 10204: 3.1B/3.1 standard
- PMPL - hot forged **stainless steel** and high tensile bolts and sockets in grades 8.8, 10.9 and 12.9, **SS 304, SS 202, SS 316, SS 316 L, 316S31, 316S33, A2 & A4**, ASTM Grades B8, B8M in Class 1 and Class 2
- We manufacture hot forged bolts and nuts, we offer bolts from M-16 diameter to M-64 diameter in any



Chemical Composition

Grade	Material Similar to...	C Max	MN Max	P Max	S Max	SI Max	CR	NI	MO
A2 / B8	AISI 304	0.08	2.00	0.05	0.030	1.00	17.00-20.00	8.0-13.0	-
A4 / B8M	AISI 316	0.08	2.00	0.05	0.030	1.00	16.00-18.50	10.0-14.4	2.00-3.00

Physical Properties

Grade	Standard	Property Class	Tensile Strength Min. (N/mm2)	Yield Strength 0.2% Offset Min. (N/mm2)	Elongation After Fracture AL mm Min.
A2 & A4	ISO 3506	70	700	450	0.4d
		80	800	600	0.3d

Grade	Standard	Property Class	Diameter Inch	Tensile Strength Min. (KSI)	Yield Strength 0.2% Offset Min. (KSI)	Elongation in 4D Min. %	Reduction Of Area Min. %	Hardness (Max.) Rockwell
B8	ASTM A193 / A193M	Class 1	All	75	30	30	50	B96
		Class 2	To 3/4	125	100	12	35	C35
B8M		Class 1	Over 3/4 to 1	115	80	15	35	C35
			All	75	30	30	50	B96
		Class 2	To 3/4	110	96	15	45	C35
			Over 3/4 to 1	100	80	20	45	C35

Torsional Strength as per ISO 3506

Thread	ST 2.2	ST 2.6	ST 2.9	ST 3.3	ST 3.5	ST 3.9	ST 4.2	ST 4.8	ST 5.5	ST 6.3	ST 8
Min. Torsional Strength NM	0.45	0.9	1.5	2	2.7	3.4	4.4	6.3	10	13.6	30.5

For Austenitic Bolts and Screws M1.6 to M16 (Coarse Thread)

Grade	Standards		M1.6	M2	M2.5	M3	M4	M5	M6	M8	M10	M12	M16
Min. Breaking Torque, Mb Min. NM	Property Class	70	0.20	0.4	0.9	1.6	3.8	7.8	13	32	65	110	290
		80	0.24	0.48	0.96	1.8	4.3	8.8	15	37	74	130	330



We believe in the mantra of "Do it Fast, Do it Right, and Do it cost-effective" and that's what has given us the strength to be one of the distinguished manufacturers of Alloy Steel & Stainless Steel cold forged fasteners (Bolts, Nuts, Screws, Threaded Rods, Nails & U-Bolts).

Our modernized well-equipped manufacturing unit, expert technicians, well-trained manpower and dedicated sales support have over the years reinforced us to move forward, and as a result we are not only able to cater to the Indian market but also export our fasteners to the international market.

Because of our substantial product range it gives our customers an opportunity to order multiple



Mfgs. & Exporters of : All Metal Perforated and Expanded Sheets

PARMAR METALS PVT. LTD.

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Tel. : +91 2827 252888