

High Tensile Fasteners

Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, plant layout, process flow sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

Introduction

Industrial fasteners have a vital contribution for the growth of almost all sectors of industry. It is a wonderful manifestation which joins & secures materials together for any productive uses. A fastener is a connective mechanism that mechanically joins or affixes two or more objects together. A bolt is an externally threaded fastener designed for insertion through holes in assembled parts, and is normally intended to be tightened or released by torquing a nut. A nut is a type of hardware fastener with a threaded hole. Nuts are almost always used opposite a mating bolt to fasten a stack of parts together.

The two partners are kept together by a combination of the friction of their threads, a slight stretch of the bolt, and compression of the parts. High tensile nuts and bolts find wide application in joining part where continuous rotation and wear and tear of the nuts and bolts occurs. As the nuts and bolts are subjected to variable stress in a dynamic condition, there is every likelihood that these fasteners can be failed at any instant causing situations like catastrophe.

For the above purpose, nuts and bolts are manufactured from alloy steels having high tensile strength and resistant to continuous wear and tear.

In construction, connectors between structural members bolted connections are used when it is necessary to fasten two elements tightly together, especially to resist shear and bending, as in column and beam connections. Threaded metal bolts are always used in conjunction with nuts. Thus, due to demand it is a good project for entrepreneurs to invest.



Few Indian Major Players are as under

- Aurangabad Electricals Ltd.
- Caparo Engineering India Ltd.
- Coventry Spring & Engg. Co. Ltd.
- Dev Fasteners Ltd.



- **Forbes & Co. Ltd.**
- **G S Auto International Ltd.**
- **Holtzman Systems Ltd.**
- **I S P L Industries Ltd.**
- **Jaico Steel Fasteners Ltd.**

- **Lakshmi Precision Screws Ltd.**
- **M C S Fasteners (India) Ltd.**
- **Mangal Steel Enterprises Ltd.**
- **Mohindra Fasteners Ltd.**
- **Patheja Forgings & Auto-Parts Mfrs. Ltd.**

- **Patton Electro Ltd.**
- **Pooja Forge Ltd.**
- **Sterling Tools Ltd.**
- **Sundram Fasteners Ltd.**
- **Viraj Profiles Ltd.**

PROJECT AT A GLANCE

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	35.00	35.00	Capital	0.00	107.66	107.66
Buildings	0.00	91.00	91.00	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	93.35	93.35	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	10.00	10.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	89.50	89.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	20.00	20.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	322.98	322.98
Preliminary& Pre-operative Exp	0.00	3.00	3.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	9.00	9.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	79.79	79.79				
TOTAL	0.00	430.64	430.64	TOTAL	0.00	430.64	430.64

PROJECT AT A GLANCE

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%
1-2	4.76	8.20	14.76	24.00	0.00	100.00	4.76	0.00	4.76	1.00	0.00
2-3	8.23	11.26	22.99	18.00	0.00	100.00	8.23	0.00	8.23	1.00	0.00
3-4	11.70	14.38	34.68	12.00	0.00	100.00	11.70	0.00	11.70	1.00	0.00
4-5	15.05	17.42	49.74	6.00	0.00	100.00	15.05	0.00	15.05	1.00	0.00
5-6	18.26	20.37	68.00	0.00	0.00	100.00	18.26	0.00	18.26	1.00	0.00

PROJECT AT A GLANCE

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Overall					GPM	PBT	PAT	Net Contrib ution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.24	1.24		1.63	1.63	4.66		4.82%	2.10%	1.44%	583.20	16.36%	4.04	1.07
2-3	1.61	1.42		0.78	0.78	3.03		5.67%	3.28%	2.13%	680.33	16.36%	4.24	1.15
3-4	2.06	1.61	2.06	0.35	0.35	2.04		6.26%	4.15%	2.65%	777.52	16.36%	4.23	1.27
4-5	2.59	1.83		0.12	0.12	1.45		6.67%	4.78%	3.03%	874.70	16.36%	4.11	1.40
5-6	3.23	2.06		0.00	0.00	1.08		6.96%	5.23%	3.31%	971.89	16.36%	3.93	1.67

PROJECT AT A GLANCE

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	65.68%
Total BEP (% of Installed Capacity)	68.02%

IRR, PAYBACK and FACR

Internal Rate of Return .. (In %age)	28.41%
Payback Period of the Project is (In Years)	2 Years 4 Months
Fixed Assets Coverage Ratio (No. of times)	29.053



Major Queries/Questions Answered in the Report?

1. What is High Tensile Fasteners industry?
2. How has the High Tensile Fasteners industry performed so far and how will it perform in the coming years?
3. What is the Project Feasibility of a High Tensile Fasteners Plant?
4. What are the requirements of Working Capital for setting up a High Tensile Fasteners plant?

5. What is the structure of the High Tensile Fasteners industry and who are the key/major players?
6. What is the total project cost for setting up a High Tensile Fasteners plant?
7. What are the operating costs for setting up a High Tensile Fasteners plant?
8. What are the machinery and equipment requirements for setting up a High Tensile Fasteners plant?

9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a High Tensile Fasteners plant?
10. What are the requirements of raw material for setting up a High Tensile Fasteners plant?
11. Who are the Suppliers and Manufacturers of Raw materials for setting up a High Tensile Fasteners plant?
12. What is the Manufacturing Process and Formulations of a High Tensile Fasteners plant?

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- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



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- *We use authentic & reliable sources to ensure business precision*



Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
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- *Consultancies*
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- *Aluminium And Aluminium Extrusion Profiles & Sections,*
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- *Bamboo And Cane Based Projects*
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- *Biodegradable & Bioplastic Based Projects*
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- *Coal & Coal Byproduct*

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- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

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- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitability Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

Sectors We Cover *Cont...*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

Sectors We Cover *Cont...*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*



Sectors We Cover *Cont...*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

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Niir Project Consultancy Services

106-E, Kamla Nagar, New Delhi-110007, India.

Email: npcs.ei@gmail.com , info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886

Mobile: +91-9811043595

Fax: +91-11-23841561

Website : www.entrepreneurindia.co

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