

# 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

## Description:

Industrial fasteners have a vital contribution for the growth of almost all sectors of industry. It is a wonderful manifestation which joins & secures material 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 parts 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 parts 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.

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**Keywords:** 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

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