

# **Stainless Steel Chequered Plate Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Sales Channel (Direct, Indirect), By End Use (Construction & Infrastructure, Automotive, Marine & Shipping, Industrial Equipment, Others), By Region and Competition, 2020-2030F**

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## **Abstracts**

### **Market Overview**

The Global Stainless Steel Chequered Plate Market was valued at USD 8262.80 million in 2024 and is projected to reach USD 11380.90 million by 2030, growing at a CAGR of 0.99% during the forecast period. These plates, known for their patterned and raised surfaces, provide superior slip resistance, making them suitable for safety-centric applications such as stair treads and flooring. The market growth is fueled by the increasing demand across construction, automotive, and industrial sectors for robust and corrosion-resistant materials. Rapid urbanization and infrastructure expansion in emerging economies further bolster the market, despite challenges like raw material price volatility and supply chain constraints, which may affect production and pricing consistency.

### **Key Market Drivers**

#### **Growth in Construction Industry**

The global construction industry, valued at approximately USD 12 trillion in 2024, is a cornerstone of economic development and a key contributor to global GDP. This robust sector plays a vital role in propelling the stainless steel chequered plate market,

driven by the rising need for strong, versatile, and visually appealing building materials. Stainless steel chequered plates, with their corrosion resistance and non-slip properties, are increasingly utilized in both structural and decorative building applications. Additionally, the accelerating pace of urbanization—currently with 55% of the world's population living in urban areas, projected to rise to 68% by 2050—further strengthens demand. Emerging economies, especially in Asia and Africa, are at the forefront of infrastructure expansion, heightening the need for durable materials suitable for high-traffic environments such as walkways, stairs, and flooring.

## Key Market Challenges

### Fluctuating Raw Material Prices

Volatility in raw material prices poses a significant challenge to the global stainless steel chequered plate market, affecting manufacturing costs and profit margins. The production of stainless steel is dependent on essential inputs like nickel, chromium, iron ore, and molybdenum, all of which are susceptible to pricing fluctuations due to geopolitical events, mining policies, and currency shifts. These unpredictable variations complicate procurement and pricing strategies throughout the supply chain. Notably, the market is highly responsive to changes in nickel prices, which are influenced by its demand across sectors like construction, energy, and electric vehicles. Rising demand for nickel in EV batteries, for example, can escalate costs for stainless steel producers. Additionally, export restrictions and political instability in key sourcing countries can amplify this volatility, posing challenges in maintaining stable product pricing.

## Key Market Trends

### Urbanization and Infrastructure Development in Emerging Economies

Rapid urban growth and infrastructure development in emerging economies serve as a major trend shaping the stainless steel chequered plate market. As cities expand to accommodate increasing populations, there is a growing requirement for building materials that offer durability, corrosion resistance, and enhanced safety. Stainless steel chequered plates meet these needs, making them a preferred choice in infrastructure projects. Their application in high-traffic, safety-critical areas such as public transit platforms, industrial flooring, and stairways has surged. This trend is particularly evident in Asia and Africa, where urbanization is accelerating and investments in infrastructure are intensifying, thereby fueling steady demand for stainless steel chequered products.

## Key Market Players

Saky Steel

Wuxi City Ge Ming Sheng Steel Trading Co.,LTD

Xinhe International Trade Co., Ltd.

Yieh United Steel Corporation

SHANDONG HENG STEEL GROUP CO.,LTD

Wuxi Zhongxiu Stainless Steel Co., Ltd.

Foshan Gangzhan Steel Developing Co., Ltd

POSCO

Jindal Stainless Steel

Shandong Tanggang Steel Co., Ltd.

## Report Scope

In this report, the Global Stainless Steel Chequered Plate Market has been segmented into the following categories, in addition to the industry trends which have been detailed below:

Stainless Steel Chequered Plate Market, By Sales Channel:

Direct

Indirect

Stainless Steel Chequered Plate Market, By End Use:

Construction & Infrastructure

Automotive

Marine & Shipping

Industrial Equipment

Others

Stainless Steel Chequered Plate Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Stainless Steel Chequered Plate Market.

## Available Customizations

Global Stainless Steel Chequered Plate Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

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