

# Global Hardened Tool Steel Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Hardened Tool Steel market size was valued at US\$ 18521 million in 2025 and is forecast to a readjusted size of US\$ 24980 million by 2032 with a CAGR of 4.4% during review period.

The development of hardened tool steel was a response to the manufacturing industry's demand for efficient, ready-to-use, high-performance tool materials. Its emergence has moved the complex and specialized final heat treatment process from scattered mold workshops and tool factories to specialized steel mills. Through large-scale, standardized heat treatment production, it directly provides users with 'finished materials' that have already achieved their designed performance. This solves a series of problems faced by end-users when performing their own heat treatment, such as high equipment investment, difficulty in process control, high risk of deformation and scrap, and long production cycles. Hardened tool steel refers to tool steel that has undergone final heat treatment (quenching + tempering) to achieve its designed hardness and mechanical properties. The demand stems directly from the downstream manufacturing industry's urgent need to simplify production processes, shorten delivery cycles, lower technical barriers, and mitigate heat treatment risks. Its supply chain relies on specialized tool steel base material manufacturers upstream, and downstream users cover various enterprises such as mold manufacturers, tool producers, and precision mechanical parts manufacturers, enabling them to skip the investment and process exploration of building their own heat treatment workshops and focus on the processing and assembly of final products. In 2025, the output of hardened tool steel is expected to be approximately 3,000,000 tons, with an average price of approximately US\$6,000 per ton, a gross profit margin of approximately 30%, and a single production line capacity of 40,000 tons per year.

This report is a detailed and comprehensive analysis for global Hardened Tool Steel market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Hardened Tool Steel market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (KUS\$/Ton), 2021-2032

Global Hardened Tool Steel market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (KUS\$/Ton), 2021-2032

Global Hardened Tool Steel market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (KUS\$/Ton), 2021-2032

Global Hardened Tool Steel market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (KUS\$/Ton), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Hardened Tool Steel

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Hardened Tool Steel market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Daido Steel Co., Ltd. (Listed, Nagoya Japan), Bohler-Uddeholm (Unlisted, Kapfenberg Austria), Crucible Industries LLC (Unlisted, New York USA), Carpenter Technology Corporation (Listed, Pennsylvania USA), Erasteel SAS (Unlisted, Paris France), Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany), Aubert & Duval (Unlisted, Paris France), Nachi-Fujikoshi Corp. (Listed,

Tokyo Japan), Fushun Special Steel Co., Ltd. (Listed, Liaoning China), TG International Co., Ltd. (Listed, Jiangsu China), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

Hardened Tool Steel market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Hardened Cold-Work Tool Steels

Hardened Hot-Work Tool Steels

Hardened Plastic Mold Steels

Hardened High-Speed Steels

### Market segment by Manufacturing Process

Conventionally Hardened Tool Steels

Remelted Hardened Tool Steels

Powder Metallurgy Hardened Tool Steels

### Market segment by Application

Mold

Cut Tool

Measuring Tool

Other

#### Major players covered

Daido Steel Co., Ltd. (Listed, Nagoya Japan)

Bohler-Uddeholm (Unlisted, Kapfenberg Austria)

Crucible Industries LLC (Unlisted, New York USA)

Carpenter Technology Corporation (Listed, Pennsylvania USA)

Erasteel SAS (Unlisted, Paris France)

Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany)

Aubert & Duval (Unlisted, Paris France)

Nachi-Fujikoshi Corp. (Listed, Tokyo Japan)

Fushun Special Steel Co., Ltd. (Listed, Liaoning China)

TG International Co., Ltd. (Listed, Jiangsu China)

Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China)

BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China)

Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan)

Rovalma, S.A. (Unlisted, Barcelona Spain)

Swiss Steel Group (Listed, Lucerne Switzerland)

GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany)

Cincinnati Tool Steel Co. (Unlisted, Illinois USA)

Hudson Tool Steel Corporation (Unlisted, California USA)

Shandong Qilu Industrial Co., Ltd. (Unlisted, Shandong China)

Diehl Tool Steel, Inc. (Unlisted, Ohio USA)

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Hardened Tool Steel product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Hardened Tool Steel, with price, sales quantity, revenue, and global market share of Hardened Tool Steel from 2021 to 2026.

Chapter 3, the Hardened Tool Steel competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Hardened Tool Steel breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Hardened Tool Steel market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Hardened Tool Steel.

Chapter 14 and 15, to describe Hardened Tool Steel sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Air-hardening Tool Steel Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Air-Hardening Cold-Work Tool Steels

1.3.3 Air-Hardening Hot-Work Tool Steels

1.4 Market Analysis by Manufacturing Process

1.4.1 Overview: Global Air-hardening Tool Steel Consumption Value by Manufacturing Process: 2021 Versus 2025 Versus 2032

1.4.2 Conventionally Melted Air-Hardening Tool Steels

1.4.3 Electroslag Remelted (ESR) Air-Hardening Tool Steels

1.4.4 Powder Metallurgy (PM) Air-Hardening Tool Steels

1.5 Market Analysis by Application

1.5.1 Overview: Global Air-hardening Tool Steel Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 Mold

1.5.3 Cut Tool

1.5.4 Measuring Tool

1.5.5 Other

1.6 Global Air-hardening Tool Steel Market Size & Forecast

1.6.1 Global Air-hardening Tool Steel Consumption Value (2021 & 2025 & 2032)

1.6.2 Global Air-hardening Tool Steel Sales Quantity (2021-2032)

1.6.3 Global Air-hardening Tool Steel Average Price (2021-2032)

### 2 MANUFACTURERS PROFILES

2.1 Bohler-Uddeholm (Unlisted, Kapfenberg Austria)

2.1.1 Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Details

2.1.2 Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Major Business

2.1.3 Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Air-hardening Tool Steel Product and Services

2.1.4 Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Recent Developments/Updates

## 2.2 Carpenter Technology Corporation (Listed, Pennsylvania USA)

2.2.1 Carpenter Technology Corporation (Listed, Pennsylvania USA) Details

2.2.2 Carpenter Technology Corporation (Listed, Pennsylvania USA) Major Business

2.2.3 Carpenter Technology Corporation (Listed, Pennsylvania USA) Air-hardening Tool Steel Product and Services

2.2.4 Carpenter Technology Corporation (Listed, Pennsylvania USA) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Carpenter Technology Corporation (Listed, Pennsylvania USA) Recent Developments/Updates

## 2.3 Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany)

2.3.1 Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Details

2.3.2 Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Major Business

2.3.3 Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Air-hardening Tool Steel Product and Services

2.3.4 Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Recent Developments/Updates

## 2.4 Daido Steel Co., Ltd. (Listed, Nagoya Japan)

2.4.1 Daido Steel Co., Ltd. (Listed, Nagoya Japan) Details

2.4.2 Daido Steel Co., Ltd. (Listed, Nagoya Japan) Major Business

2.4.3 Daido Steel Co., Ltd. (Listed, Nagoya Japan) Air-hardening Tool Steel Product and Services

2.4.4 Daido Steel Co., Ltd. (Listed, Nagoya Japan) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 Daido Steel Co., Ltd. (Listed, Nagoya Japan) Recent Developments/Updates

## 2.5 Nachi-Fujikoshi Corp. (Listed, Tokyo Japan)

2.5.1 Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Details

2.5.2 Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Major Business

2.5.3 Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Air-hardening Tool Steel Product and Services

2.5.4 Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Recent Developments/Updates

## 2.6 ASSAB (Unlisted, Singapore)

2.6.1 ASSAB (Unlisted, Singapore) Details

2.6.2 ASSAB (Unlisted, Singapore) Major Business

2.6.3 ASSAB (Unlisted, Singapore) Air-hardening Tool Steel Product and Services

- 2.6.4 ASSAB (Unlisted, Singapore) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.6.5 ASSAB (Unlisted, Singapore) Recent Developments/Updates
- 2.7 GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhutte Germany)
  - 2.7.1 GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhutte Germany) Details
  - 2.7.2 GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhutte Germany) Major Business
  - 2.7.3 GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhutte Germany) Air-hardening Tool Steel Product and Services
  - 2.7.4 GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhutte Germany) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.7.5 GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhutte Germany) Recent Developments/Updates
- 2.8 Crucible Industries LLC (Unlisted, New York USA)
  - 2.8.1 Crucible Industries LLC (Unlisted, New York USA) Details
  - 2.8.2 Crucible Industries LLC (Unlisted, New York USA) Major Business
  - 2.8.3 Crucible Industries LLC (Unlisted, New York USA) Air-hardening Tool Steel Product and Services
  - 2.8.4 Crucible Industries LLC (Unlisted, New York USA) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.8.5 Crucible Industries LLC (Unlisted, New York USA) Recent Developments/Updates
- 2.9 Erasteel SAS (Unlisted, Paris France)
  - 2.9.1 Erasteel SAS (Unlisted, Paris France) Details
  - 2.9.2 Erasteel SAS (Unlisted, Paris France) Major Business
  - 2.9.3 Erasteel SAS (Unlisted, Paris France) Air-hardening Tool Steel Product and Services
  - 2.9.4 Erasteel SAS (Unlisted, Paris France) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.9.5 Erasteel SAS (Unlisted, Paris France) Recent Developments/Updates
- 2.10 Swiss Steel Group (Listed, Lucerne Switzerland)
  - 2.10.1 Swiss Steel Group (Listed, Lucerne Switzerland) Details
  - 2.10.2 Swiss Steel Group (Listed, Lucerne Switzerland) Major Business
  - 2.10.3 Swiss Steel Group (Listed, Lucerne Switzerland) Air-hardening Tool Steel Product and Services
  - 2.10.4 Swiss Steel Group (Listed, Lucerne Switzerland) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.10.5 Swiss Steel Group (Listed, Lucerne Switzerland) Recent

## Developments/Updates

### 2.11 Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan)

2.11.1 Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Details

2.11.2 Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Major Business

2.11.3 Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Air-hardening Tool Steel Product and Services

2.11.4 Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Recent

## Developments/Updates

### 2.12 BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China)

2.12.1 BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China) Details

2.12.2 BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China) Major Business

2.12.3 BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China) Air-hardening Tool Steel Product and Services

2.12.4 BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China) Recent

## Developments/Updates

### 2.13 Fushun Special Steel Co., Ltd. (Listed, Liaoning China)

2.13.1 Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Details

2.13.2 Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Major Business

2.13.3 Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Air-hardening Tool Steel Product and Services

2.13.4 Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.13.5 Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Recent

## Developments/Updates

### 2.14 Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China)

2.14.1 Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Details

2.14.2 Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Major Business

2.14.3 Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Air-hardening Tool Steel Product and Services

2.14.4 Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.14.5 Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Recent Developments/Updates

2.15 TG International Co., Ltd. (Listed, Jiangsu China)

2.15.1 TG International Co., Ltd. (Listed, Jiangsu China) Details

2.15.2 TG International Co., Ltd. (Listed, Jiangsu China) Major Business

2.15.3 TG International Co., Ltd. (Listed, Jiangsu China) Air-hardening Tool Steel Product and Services

2.15.4 TG International Co., Ltd. (Listed, Jiangsu China) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.15.5 TG International Co., Ltd. (Listed, Jiangsu China) Recent Developments/Updates

2.16 POSCO Specialty Steel Co., Ltd. (Unlisted, Gyeongsangbuk-do South Korea)

2.16.1 POSCO Specialty Steel Co., Ltd. (Unlisted, Gyeongsangbuk-do South Korea) Details

2.16.2 POSCO Specialty Steel Co., Ltd. (Unlisted, Gyeongsangbuk-do South Korea) Major Business

2.16.3 POSCO Specialty Steel Co., Ltd. (Unlisted, Gyeongsangbuk-do South Korea) Air-hardening Tool Steel Product and Services

2.16.4 POSCO Specialty Steel Co., Ltd. (Unlisted, Gyeongsangbuk-do South Korea) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.16.5 POSCO Specialty Steel Co., Ltd. (Unlisted, Gyeongsangbuk-do South Korea) Recent Developments/Updates

2.17 SeAH Besteel Corporation (Listed, Seoul South Korea)

2.17.1 SeAH Besteel Corporation (Listed, Seoul South Korea) Details

2.17.2 SeAH Besteel Corporation (Listed, Seoul South Korea) Major Business

2.17.3 SeAH Besteel Corporation (Listed, Seoul South Korea) Air-hardening Tool Steel Product and Services

2.17.4 SeAH Besteel Corporation (Listed, Seoul South Korea) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.17.5 SeAH Besteel Corporation (Listed, Seoul South Korea) Recent Developments/Updates

2.18 Nova Tech, Inc. (Unlisted, Rhode Island USA)

2.18.1 Nova Tech, Inc. (Unlisted, Rhode Island USA) Details

2.18.2 Nova Tech, Inc. (Unlisted, Rhode Island USA) Major Business

2.18.3 Nova Tech, Inc. (Unlisted, Rhode Island USA) Air-hardening Tool Steel Product and Services

2.18.4 Nova Tech, Inc. (Unlisted, Rhode Island USA) Air-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.18.5 Nova Tech, Inc. (Unlisted, Rhode Island USA) Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: AIR-HARDENING TOOL STEEL BY MANUFACTURER**

- 3.1 Global Air-hardening Tool Steel Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Air-hardening Tool Steel Revenue by Manufacturer (2021-2026)
- 3.3 Global Air-hardening Tool Steel Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
  - 3.4.1 Producer Shipments of Air-hardening Tool Steel by Manufacturer Revenue (\$MM) and Market Share (%): 2025
  - 3.4.2 Top 3 Air-hardening Tool Steel Manufacturer Market Share in 2025
  - 3.4.3 Top 6 Air-hardening Tool Steel Manufacturer Market Share in 2025
- 3.5 Air-hardening Tool Steel Market: Overall Company Footprint Analysis
  - 3.5.1 Air-hardening Tool Steel Market: Region Footprint
  - 3.5.2 Air-hardening Tool Steel Market: Company Product Type Footprint
  - 3.5.3 Air-hardening Tool Steel Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Air-hardening Tool Steel Market Size by Region
  - 4.1.1 Global Air-hardening Tool Steel Sales Quantity by Region (2021-2032)
  - 4.1.2 Global Air-hardening Tool Steel Consumption Value by Region (2021-2032)
  - 4.1.3 Global Air-hardening Tool Steel Average Price by Region (2021-2032)
- 4.2 North America Air-hardening Tool Steel Consumption Value (2021-2032)
- 4.3 Europe Air-hardening Tool Steel Consumption Value (2021-2032)
- 4.4 Asia-Pacific Air-hardening Tool Steel Consumption Value (2021-2032)
- 4.5 South America Air-hardening Tool Steel Consumption Value (2021-2032)
- 4.6 Middle East & Africa Air-hardening Tool Steel Consumption Value (2021-2032)

### **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Air-hardening Tool Steel Sales Quantity by Type (2021-2032)
- 5.2 Global Air-hardening Tool Steel Consumption Value by Type (2021-2032)
- 5.3 Global Air-hardening Tool Steel Average Price by Type (2021-2032)

### **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Air-hardening Tool Steel Sales Quantity by Application (2021-2032)
- 6.2 Global Air-hardening Tool Steel Consumption Value by Application (2021-2032)
- 6.3 Global Air-hardening Tool Steel Average Price by Application (2021-2032)

## **7 NORTH AMERICA**

- 7.1 North America Air-hardening Tool Steel Sales Quantity by Type (2021-2032)
- 7.2 North America Air-hardening Tool Steel Sales Quantity by Application (2021-2032)
- 7.3 North America Air-hardening Tool Steel Market Size by Country
  - 7.3.1 North America Air-hardening Tool Steel Sales Quantity by Country (2021-2032)
  - 7.3.2 North America Air-hardening Tool Steel Consumption Value by Country (2021-2032)
  - 7.3.3 United States Market Size and Forecast (2021-2032)
  - 7.3.4 Canada Market Size and Forecast (2021-2032)
  - 7.3.5 Mexico Market Size and Forecast (2021-2032)

## **8 EUROPE**

- 8.1 Europe Air-hardening Tool Steel Sales Quantity by Type (2021-2032)
- 8.2 Europe Air-hardening Tool Steel Sales Quantity by Application (2021-2032)
- 8.3 Europe Air-hardening Tool Steel Market Size by Country
  - 8.3.1 Europe Air-hardening Tool Steel Sales Quantity by Country (2021-2032)
  - 8.3.2 Europe Air-hardening Tool Steel Consumption Value by Country (2021-2032)
  - 8.3.3 Germany Market Size and Forecast (2021-2032)
  - 8.3.4 France Market Size and Forecast (2021-2032)
  - 8.3.5 United Kingdom Market Size and Forecast (2021-2032)
  - 8.3.6 Russia Market Size and Forecast (2021-2032)
  - 8.3.7 Italy Market Size and Forecast (2021-2032)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Air-hardening Tool Steel Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific Air-hardening Tool Steel Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific Air-hardening Tool Steel Market Size by Region
  - 9.3.1 Asia-Pacific Air-hardening Tool Steel Sales Quantity by Region (2021-2032)
  - 9.3.2 Asia-Pacific Air-hardening Tool Steel Consumption Value by Region (2021-2032)
  - 9.3.3 China Market Size and Forecast (2021-2032)
  - 9.3.4 Japan Market Size and Forecast (2021-2032)

- 9.3.5 South Korea Market Size and Forecast (2021-2032)
- 9.3.6 India Market Size and Forecast (2021-2032)
- 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
- 9.3.8 Australia Market Size and Forecast (2021-2032)

## **10 SOUTH AMERICA**

- 10.1 South America Air-hardening Tool Steel Sales Quantity by Type (2021-2032)
- 10.2 South America Air-hardening Tool Steel Sales Quantity by Application (2021-2032)
- 10.3 South America Air-hardening Tool Steel Market Size by Country
  - 10.3.1 South America Air-hardening Tool Steel Sales Quantity by Country (2021-2032)
  - 10.3.2 South America Air-hardening Tool Steel Consumption Value by Country (2021-2032)
  - 10.3.3 Brazil Market Size and Forecast (2021-2032)
  - 10.3.4 Argentina Market Size and Forecast (2021-2032)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Air-hardening Tool Steel Sales Quantity by Type (2021-2032)
- 11.2 Middle East & Africa Air-hardening Tool Steel Sales Quantity by Application (2021-2032)
- 11.3 Middle East & Africa Air-hardening Tool Steel Market Size by Country
  - 11.3.1 Middle East & Africa Air-hardening Tool Steel Sales Quantity by Country (2021-2032)
  - 11.3.2 Middle East & Africa Air-hardening Tool Steel Consumption Value by Country (2021-2032)
  - 11.3.3 Turkey Market Size and Forecast (2021-2032)
  - 11.3.4 Egypt Market Size and Forecast (2021-2032)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
  - 11.3.6 South Africa Market Size and Forecast (2021-2032)

## **12 MARKET DYNAMICS**

- 12.1 Air-hardening Tool Steel Market Drivers
- 12.2 Air-hardening Tool Steel Market Restraints
- 12.3 Air-hardening Tool Steel Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Air-hardening Tool Steel and Key Manufacturers

13.2 Manufacturing Costs Percentage of Air-hardening Tool Steel

13.3 Air-hardening Tool Steel Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Air-hardening Tool Steel Typical Distributors

14.3 Air-hardening Tool Steel Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Hardened Tool Steel Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Hardened Tool Steel Consumption Value by Manufacturing Process, (USD Million), 2021 & 2025 & 2032

Table 3. Global Hardened Tool Steel Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. Daido Steel Co., Ltd. (Listed, Nagoya Japan) Basic Information, Manufacturing Base and Competitors

Table 5. Daido Steel Co., Ltd. (Listed, Nagoya Japan) Major Business

Table 6. Daido Steel Co., Ltd. (Listed, Nagoya Japan) Hardened Tool Steel Product and Services

Table 7. Daido Steel Co., Ltd. (Listed, Nagoya Japan) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. Daido Steel Co., Ltd. (Listed, Nagoya Japan) Recent Developments/Updates

Table 9. Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Basic Information, Manufacturing Base and Competitors

Table 10. Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Major Business

Table 11. Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Hardened Tool Steel Product and Services

Table 12. Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Recent Developments/Updates

Table 14. Crucible Industries LLC (Unlisted, New York USA) Basic Information, Manufacturing Base and Competitors

Table 15. Crucible Industries LLC (Unlisted, New York USA) Major Business

Table 16. Crucible Industries LLC (Unlisted, New York USA) Hardened Tool Steel Product and Services

Table 17. Crucible Industries LLC (Unlisted, New York USA) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Crucible Industries LLC (Unlisted, New York USA) Recent Developments/Updates

Table 19. Carpenter Technology Corporation (Listed, Pennsylvania USA) Basic Information, Manufacturing Base and Competitors

Table 20. Carpenter Technology Corporation (Listed, Pennsylvania USA) Major Business

Table 21. Carpenter Technology Corporation (Listed, Pennsylvania USA) Hardened Tool Steel Product and Services

Table 22. Carpenter Technology Corporation (Listed, Pennsylvania USA) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Carpenter Technology Corporation (Listed, Pennsylvania USA) Recent Developments/Updates

Table 24. Erasteel SAS (Unlisted, Paris France) Basic Information, Manufacturing Base and Competitors

Table 25. Erasteel SAS (Unlisted, Paris France) Major Business

Table 26. Erasteel SAS (Unlisted, Paris France) Hardened Tool Steel Product and Services

Table 27. Erasteel SAS (Unlisted, Paris France) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. Erasteel SAS (Unlisted, Paris France) Recent Developments/Updates

Table 29. Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Basic Information, Manufacturing Base and Competitors

Table 30. Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Major Business

Table 31. Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Hardened Tool Steel Product and Services

Table 32. Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Recent Developments/Updates

Table 34. Aubert & Duval (Unlisted, Paris France) Basic Information, Manufacturing Base and Competitors

Table 35. Aubert & Duval (Unlisted, Paris France) Major Business

Table 36. Aubert & Duval (Unlisted, Paris France) Hardened Tool Steel Product and Services

Table 37. Aubert & Duval (Unlisted, Paris France) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. Aubert & Duval (Unlisted, Paris France) Recent Developments/Updates

Table 39. Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Basic Information, Manufacturing Base and Competitors

Table 40. Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Major Business

Table 41. Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Hardened Tool Steel Product and Services

Table 42. Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Recent Developments/Updates

Table 44. Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Basic Information, Manufacturing Base and Competitors

Table 45. Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Major Business

Table 46. Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Hardened Tool Steel Product and Services

Table 47. Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 48. Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Recent Developments/Updates

Table 49. TG International Co., Ltd. (Listed, Jiangsu China) Basic Information, Manufacturing Base and Competitors

Table 50. TG International Co., Ltd. (Listed, Jiangsu China) Major Business

Table 51. TG International Co., Ltd. (Listed, Jiangsu China) Hardened Tool Steel Product and Services

Table 52. TG International Co., Ltd. (Listed, Jiangsu China) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. TG International Co., Ltd. (Listed, Jiangsu China) Recent Developments/Updates

Table 54. Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Basic Information, Manufacturing Base and Competitors

Table 55. Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Major Business

Table 56. Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Hardened Tool Steel Product and Services

Table 57. Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Recent

**Developments/Updates**

Table 59. BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China) Basic Information, Manufacturing Base and Competitors

Table 60. BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China) Major Business

Table 61. BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China) Hardened Tool Steel Product and Services

Table 62. BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 63. BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China) Recent Developments/Updates

Table 64. Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Basic Information, Manufacturing Base and Competitors

Table 65. Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Major Business

Table 66. Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Hardened Tool Steel Product and Services

Table 67. Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 68. Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Recent Developments/Updates

Table 69. Rovalma, S.A. (Unlisted, Barcelona Spain) Basic Information, Manufacturing Base and Competitors

Table 70. Rovalma, S.A. (Unlisted, Barcelona Spain) Major Business

Table 71. Rovalma, S.A. (Unlisted, Barcelona Spain) Hardened Tool Steel Product and Services

Table 72. Rovalma, S.A. (Unlisted, Barcelona Spain) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 73. Rovalma, S.A. (Unlisted, Barcelona Spain) Recent Developments/Updates

Table 74. Swiss Steel Group (Listed, Lucerne Switzerland) Basic Information, Manufacturing Base and Competitors

Table 75. Swiss Steel Group (Listed, Lucerne Switzerland) Major Business

Table 76. Swiss Steel Group (Listed, Lucerne Switzerland) Hardened Tool Steel Product and Services

Table 77. Swiss Steel Group (Listed, Lucerne Switzerland) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Swiss Steel Group (Listed, Lucerne Switzerland) Recent

## Developments/Updates

Table 79. GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany) Basic Information, Manufacturing Base and Competitors

Table 80. GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany) Major Business

Table 81. GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany) Hardened Tool Steel Product and Services

Table 82. GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 83. GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany) Recent Developments/Updates

Table 84. Cincinnati Tool Steel Co. (Unlisted, Illinois USA) Basic Information, Manufacturing Base and Competitors

Table 85. Cincinnati Tool Steel Co. (Unlisted, Illinois USA) Major Business

Table 86. Cincinnati Tool Steel Co. (Unlisted, Illinois USA) Hardened Tool Steel Product and Services

Table 87. Cincinnati Tool Steel Co. (Unlisted, Illinois USA) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 88. Cincinnati Tool Steel Co. (Unlisted, Illinois USA) Recent Developments/Updates

Table 89. Hudson Tool Steel Corporation (Unlisted, California USA) Basic Information, Manufacturing Base and Competitors

Table 90. Hudson Tool Steel Corporation (Unlisted, California USA) Major Business

Table 91. Hudson Tool Steel Corporation (Unlisted, California USA) Hardened Tool Steel Product and Services

Table 92. Hudson Tool Steel Corporation (Unlisted, California USA) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 93. Hudson Tool Steel Corporation (Unlisted, California USA) Recent Developments/Updates

Table 94. Shandong Qilu Industrial Co., Ltd. (Unlisted, Shandong China) Basic Information, Manufacturing Base and Competitors

Table 95. Shandong Qilu Industrial Co., Ltd. (Unlisted, Shandong China) Major Business

Table 96. Shandong Qilu Industrial Co., Ltd. (Unlisted, Shandong China) Hardened Tool Steel Product and Services

Table 97. Shandong Qilu Industrial Co., Ltd. (Unlisted, Shandong China) Hardened Tool

Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 98. Shandong Qilu Industrial Co., Ltd. (Unlisted, Shandong China) Recent Developments/Updates

Table 99. Diehl Tool Steel, Inc. (Unlisted, Ohio USA) Basic Information, Manufacturing Base and Competitors

Table 100. Diehl Tool Steel, Inc. (Unlisted, Ohio USA) Major Business

Table 101. Diehl Tool Steel, Inc. (Unlisted, Ohio USA) Hardened Tool Steel Product and Services

Table 102. Diehl Tool Steel, Inc. (Unlisted, Ohio USA) Hardened Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Diehl Tool Steel, Inc. (Unlisted, Ohio USA) Recent Developments/Updates

Table 104. Global Hardened Tool Steel Sales Quantity by Manufacturer (2021-2026) & (Kilotons)

Table 105. Global Hardened Tool Steel Revenue by Manufacturer (2021-2026) & (USD Million)

Table 106. Global Hardened Tool Steel Average Price by Manufacturer (2021-2026) & (KUS\$/Ton)

Table 107. Market Position of Manufacturers in Hardened Tool Steel, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 108. Head Office and Hardened Tool Steel Production Site of Key Manufacturer

Table 109. Hardened Tool Steel Market: Company Product Type Footprint

Table 110. Hardened Tool Steel Market: Company Product Application Footprint

Table 111. Hardened Tool Steel New Market Entrants and Barriers to Market Entry

Table 112. Hardened Tool Steel Mergers, Acquisition, Agreements, and Collaborations

Table 113. Global Hardened Tool Steel Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 114. Global Hardened Tool Steel Sales Quantity by Region (2021-2026) & (Kilotons)

Table 115. Global Hardened Tool Steel Sales Quantity by Region (2027-2032) & (Kilotons)

Table 116. Global Hardened Tool Steel Consumption Value by Region (2021-2026) & (USD Million)

Table 117. Global Hardened Tool Steel Consumption Value by Region (2027-2032) & (USD Million)

Table 118. Global Hardened Tool Steel Average Price by Region (2021-2026) & (KUS\$/Ton)

Table 119. Global Hardened Tool Steel Average Price by Region (2027-2032) &

(KUS\$/Ton)

Table 120. Global Hardened Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 121. Global Hardened Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 122. Global Hardened Tool Steel Consumption Value by Type (2021-2026) & (USD Million)

Table 123. Global Hardened Tool Steel Consumption Value by Type (2027-2032) & (USD Million)

Table 124. Global Hardened Tool Steel Average Price by Type (2021-2026) & (KUS\$/Ton)

Table 125. Global Hardened Tool Steel Average Price by Type (2027-2032) & (KUS\$/Ton)

Table 126. Global Hardened Tool Steel Sales Quantity by Application (2021-2026) & (Kilotons)

Table 127. Global Hardened Tool Steel Sales Quantity by Application (2027-2032) & (Kilotons)

Table 128. Global Hardened Tool Steel Consumption Value by Application (2021-2026) & (USD Million)

Table 129. Global Hardened Tool Steel Consumption Value by Application (2027-2032) & (USD Million)

Table 130. Global Hardened Tool Steel Average Price by Application (2021-2026) & (KUS\$/Ton)

Table 131. Global Hardened Tool Steel Average Price by Application (2027-2032) & (KUS\$/Ton)

Table 132. North America Hardened Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 133. North America Hardened Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 134. North America Hardened Tool Steel Sales Quantity by Application (2021-2026) & (Kilotons)

Table 135. North America Hardened Tool Steel Sales Quantity by Application (2027-2032) & (Kilotons)

Table 136. North America Hardened Tool Steel Sales Quantity by Country (2021-2026) & (Kilotons)

Table 137. North America Hardened Tool Steel Sales Quantity by Country (2027-2032) & (Kilotons)

Table 138. North America Hardened Tool Steel Consumption Value by Country (2021-2026) & (USD Million)

Table 139. North America Hardened Tool Steel Consumption Value by Country (2027-2032) & (USD Million)

Table 140. Europe Hardened Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 141. Europe Hardened Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 142. Europe Hardened Tool Steel Sales Quantity by Application (2021-2026) & (Kilotons)

Table 143. Europe Hardened Tool Steel Sales Quantity by Application (2027-2032) & (Kilotons)

Table 144. Europe Hardened Tool Steel Sales Quantity by Country (2021-2026) & (Kilotons)

Table 145. Europe Hardened Tool Steel Sales Quantity by Country (2027-2032) & (Kilotons)

Table 146. Europe Hardened Tool Steel Consumption Value by Country (2021-2026) & (USD Million)

Table 147. Europe Hardened Tool Steel Consumption Value by Country (2027-2032) & (USD Million)

Table 148. Asia-Pacific Hardened Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 149. Asia-Pacific Hardened Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 150. Asia-Pacific Hardened Tool Steel Sales Quantity by Application (2021-2026) & (Kilotons)

Table 151. Asia-Pacific Hardened Tool Steel Sales Quantity by Application (2027-2032) & (Kilotons)

Table 152. Asia-Pacific Hardened Tool Steel Sales Quantity by Region (2021-2026) & (Kilotons)

Table 153. Asia-Pacific Hardened Tool Steel Sales Quantity by Region (2027-2032) & (Kilotons)

Table 154. Asia-Pacific Hardened Tool Steel Consumption Value by Region (2021-2026) & (USD Million)

Table 155. Asia-Pacific Hardened Tool Steel Consumption Value by Region (2027-2032) & (USD Million)

Table 156. South America Hardened Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 157. South America Hardened Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 158. South America Hardened Tool Steel Sales Quantity by Application

(2021-2026) & (Kilotons)

Table 159. South America Hardened Tool Steel Sales Quantity by Application

(2027-2032) & (Kilotons)

Table 160. South America Hardened Tool Steel Sales Quantity by Country (2021-2026) & (Kilotons)

Table 161. South America Hardened Tool Steel Sales Quantity by Country (2027-2032) & (Kilotons)

Table 162. South America Hardened Tool Steel Consumption Value by Country (2021-2026) & (USD Million)

Table 163. South America Hardened Tool Steel Consumption Value by Country (2027-2032) & (USD Million)

Table 164. Middle East & Africa Hardened Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 165. Middle East & Africa Hardened Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 166. Middle East & Africa Hardened Tool Steel Sales Quantity by Application (2021-2026) & (Kilotons)

Table 167. Middle East & Africa Hardened Tool Steel Sales Quantity by Application (2027-2032) & (Kilotons)

Table 168. Middle East & Africa Hardened Tool Steel Sales Quantity by Country (2021-2026) & (Kilotons)

Table 169. Middle East & Africa Hardened Tool Steel Sales Quantity by Country (2027-2032) & (Kilotons)

Table 170. Middle East & Africa Hardened Tool Steel Consumption Value by Country (2021-2026) & (USD Million)

Table 171. Middle East & Africa Hardened Tool Steel Consumption Value by Country (2027-2032) & (USD Million)

Table 172. Hardened Tool Steel Raw Material

Table 173. Key Manufacturers of Hardened Tool Steel Raw Materials

Table 174. Hardened Tool Steel Typical Distributors

Table 175. Hardened Tool Steel Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Hardened Tool Steel Picture

Figure 2. Global Hardened Tool Steel Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Hardened Tool Steel Revenue Market Share by Type in 2025

Figure 4. Hardened Cold-Work Tool Steels Examples

Figure 5. Hardened Hot-Work Tool Steels Examples

Figure 6. Hardened Plastic Mold Steels Examples

Figure 7. Hardened High-Speed Steels Examples

Figure 8. Global Hardened Tool Steel Revenue by Manufacturing Process, (USD Million), 2021 & 2025 & 2032

Figure 9. Global Hardened Tool Steel Revenue Market Share by Manufacturing Process in 2025

Figure 10. Conventionally Hardened Tool Steels Examples

Figure 11. Remelted Hardened Tool Steels Examples

Figure 12. Powder Metallurgy Hardened Tool Steels Examples

Figure 13. Global Hardened Tool Steel Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 14. Global Hardened Tool Steel Revenue Market Share by Application in 2025

Figure 15. Mold Examples

Figure 16. Cut Tool Examples

Figure 17. Measuring Tool Examples

Figure 18. Other Examples

Figure 19. Global Hardened Tool Steel Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 20. Global Hardened Tool Steel Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 21. Global Hardened Tool Steel Sales Quantity (2021-2032) & (Kilotons)

Figure 22. Global Hardened Tool Steel Price (2021-2032) & (KUS\$/Ton)

Figure 23. Global Hardened Tool Steel Sales Quantity Market Share by Manufacturer in 2025

Figure 24. Global Hardened Tool Steel Revenue Market Share by Manufacturer in 2025

Figure 25. Producer Shipments of Hardened Tool Steel by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 26. Top 3 Hardened Tool Steel Manufacturer (Revenue) Market Share in 2025

Figure 27. Top 6 Hardened Tool Steel Manufacturer (Revenue) Market Share in 2025

Figure 28. Global Hardened Tool Steel Sales Quantity Market Share by Region (2021-2032)

Figure 29. Global Hardened Tool Steel Consumption Value Market Share by Region (2021-2032)

Figure 30. North America Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 31. Europe Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 32. Asia-Pacific Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 33. South America Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 34. Middle East & Africa Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 35. Global Hardened Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 36. Global Hardened Tool Steel Consumption Value Market Share by Type (2021-2032)

Figure 37. Global Hardened Tool Steel Average Price by Type (2021-2032) & (KUS\$/Ton)

Figure 38. Global Hardened Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 39. Global Hardened Tool Steel Revenue Market Share by Application (2021-2032)

Figure 40. Global Hardened Tool Steel Average Price by Application (2021-2032) & (KUS\$/Ton)

Figure 41. North America Hardened Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 42. North America Hardened Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 43. North America Hardened Tool Steel Sales Quantity Market Share by Country (2021-2032)

Figure 44. North America Hardened Tool Steel Consumption Value Market Share by Country (2021-2032)

Figure 45. United States Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 46. Canada Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 47. Mexico Hardened Tool Steel Consumption Value (2021-2032) & (USD

Million)

Figure 48. Europe Hardened Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 49. Europe Hardened Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 50. Europe Hardened Tool Steel Sales Quantity Market Share by Country (2021-2032)

Figure 51. Europe Hardened Tool Steel Consumption Value Market Share by Country (2021-2032)

Figure 52. Germany Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 53. France Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 54. United Kingdom Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 55. Russia Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 56. Italy Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 57. Asia-Pacific Hardened Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 58. Asia-Pacific Hardened Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 59. Asia-Pacific Hardened Tool Steel Sales Quantity Market Share by Region (2021-2032)

Figure 60. Asia-Pacific Hardened Tool Steel Consumption Value Market Share by Region (2021-2032)

Figure 61. China Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 62. Japan Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 63. South Korea Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 64. India Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 65. Southeast Asia Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 66. Australia Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 67. South America Hardened Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 68. South America Hardened Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 69. South America Hardened Tool Steel Sales Quantity Market Share by Country (2021-2032)

Figure 70. South America Hardened Tool Steel Consumption Value Market Share by Country (2021-2032)

Figure 71. Brazil Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 72. Argentina Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 73. Middle East & Africa Hardened Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 74. Middle East & Africa Hardened Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 75. Middle East & Africa Hardened Tool Steel Sales Quantity Market Share by Country (2021-2032)

Figure 76. Middle East & Africa Hardened Tool Steel Consumption Value Market Share by Country (2021-2032)

Figure 77. Turkey Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 78. Egypt Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 79. Saudi Arabia Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 80. South Africa Hardened Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 81. Hardened Tool Steel Market Drivers

Figure 82. Hardened Tool Steel Market Restraints

Figure 83. Hardened Tool Steel Market Trends

Figure 84. Porters Five Forces Analysis

Figure 85. Manufacturing Cost Structure Analysis of Hardened Tool Steel in 2025

Figure 86. Manufacturing Process Analysis of Hardened Tool Steel

Figure 87. Hardened Tool Steel Industrial Chain

Figure 88. Sales Channel: Direct to End-User vs Distributors

Figure 89. Direct Channel Pros & Cons

Figure 90. Indirect Channel Pros & Cons

Figure 91. Methodology

Figure 92. Research Process and Data Source

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