

Global Air-hardening Tool Steel Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G18B57B4AE4FEN.html>

Date: February 2026

Pages: 131

Price: US\$ 3,480.00 (Single User License)

ID: G18B57B4AE4FEN

Abstracts

According to our (Global Info Research) latest study, the global Air-hardening Tool Steel market size was valued at US\$ 494 million in 2025 and is forecast to a readjusted size of US\$ 624 million by 2032 with a CAGR of 3.4% during review period.

Air-hardening tool steel was developed to address the critical bottleneck of traditional high-carbon tool steel, which suffers from severe deformation and cracking during quenching, failing to meet the requirements of precision and complex mold and cutting tool manufacturing. Its core characteristics are: 1. Alloying: Containing high levels of alloying elements (such as chromium, molybdenum, vanadium, and manganese), significantly improving the steel's hardenability. 2. Quenching medium: High-hardness martensitic structure can be obtained simply by cooling in still or flowing air. Demand stems from the urgent need in modern manufacturing for high-precision, long-life, and low-deformation tools and molds. Its upstream supply chain is centered on special metallurgy, including suppliers of high-quality scrap steel, ferroalloys (chromium, molybdenum, vanadium, etc.), and graphite electrodes, as well as steel mills with advanced processes such as vacuum smelting and electroslag remelting. Downstream, it directly connects with tool manufacturers and mold makers, with the final products widely used in the manufacturing of cutting tools, stamping dies, plastic molds, die-casting molds, and precision measuring tools. In 2025, the output of air-hardening tool steel will be approximately 120,000 tons, with an average price of approximately US\$4,000 per ton, a gross profit margin of approximately 30%, and a single production line capacity of 2,000 tons per year.

This report is a detailed and comprehensive analysis for global Air-hardening 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 Air-hardening Tool Steel market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (KUS\$/Ton), 2021-2032

Global Air-hardening 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 Air-hardening 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 Air-hardening 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 Air-hardening 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 Air-hardening 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 Bohler-Uddeholm (Unlisted, Kapfenberg Austria), Carpenter Technology Corporation (Listed, Pennsylvania USA), Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany), Daido Steel Co., Ltd. (Listed, Nagoya Japan), Nachi-Fujikoshi Corp. (Listed, Tokyo Japan), ASSAB (Unlisted, Singapore), GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany), Crucible Industries LLC (Unlisted, New York USA), Erasteel SAS (Unlisted, Paris France), Swiss Steel Group (Listed, Lucerne Switzerland), etc.

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

Market Segmentation

Air-hardening 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

Air-Hardening Cold-Work Tool Steels

Air-Hardening Hot-Work Tool Steels

Market segment by Manufacturing Process

Conventionally Melted Air-Hardening Tool Steels

Electroslag Remelted (ESR) Air-Hardening Tool Steels

Powder Metallurgy (PM) Air-Hardening Tool Steels

Market segment by Application

Mold

Cut Tool

Measuring Tool

Other

Major players covered

Bohler-Uddeholm (Unlisted, Kapfenberg Austria)

Carpenter Technology Corporation (Listed, Pennsylvania USA)

Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany)

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

Nachi-Fujikoshi Corp. (Listed, Tokyo Japan)

ASSAB (Unlisted, Singapore)

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

Crucible Industries LLC (Unlisted, New York USA)

Erasteel SAS (Unlisted, Paris France)

Swiss Steel Group (Listed, Lucerne Switzerland)

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

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

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

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

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

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

SeAH Besteel Corporation (Listed, Seoul South Korea)

Nova Tech, Inc. (Unlisted, Rhode Island 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 Air-hardening Tool Steel product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Air-hardening 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 Air-hardening 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 Air-hardening Tool Steel.

Chapter 14 and 15, to describe Air-hardening 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 Oil-hardening Tool Steel Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 O-Series (Oil-Hardening Cold-Work Tool Steels)

1.3.3 Low-Alloy Special Purpose Oil-Hardening Steels

1.4 Market Analysis by Manufacturing Process

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

1.4.2 Conventionally Melted Oil-Hardening Tool Steels

1.4.3 Electroslag Remelted (ESR) Oil-Hardening Tool Steels

1.5 Market Analysis by Application

1.5.1 Overview: Global Oil-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 Oil-hardening Tool Steel Market Size & Forecast

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

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

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

2 MANUFACTURERS PROFILES

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

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

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

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

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

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

2.2 Bohler-Uddeholm (Unlisted, Kapfenberg Austria)

- 2.2.1 Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Details
- 2.2.2 Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Major Business
- 2.2.3 Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Oil-hardening Tool Steel Product and Services
- 2.2.4 Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Oil-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.2.5 Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Recent Developments/Updates
- 2.3 Crucible Industries LLC (Unlisted, New York USA)
- 2.3.1 Crucible Industries LLC (Unlisted, New York USA) Details
- 2.3.2 Crucible Industries LLC (Unlisted, New York USA) Major Business
- 2.3.3 Crucible Industries LLC (Unlisted, New York USA) Oil-hardening Tool Steel Product and Services
- 2.3.4 Crucible Industries LLC (Unlisted, New York USA) Oil-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.3.5 Crucible Industries LLC (Unlisted, New York USA) Recent Developments/Updates
- 2.4 Carpenter Technology Corporation (Listed, Pennsylvania USA)
- 2.4.1 Carpenter Technology Corporation (Listed, Pennsylvania USA) Details
- 2.4.2 Carpenter Technology Corporation (Listed, Pennsylvania USA) Major Business
- 2.4.3 Carpenter Technology Corporation (Listed, Pennsylvania USA) Oil-hardening Tool Steel Product and Services
- 2.4.4 Carpenter Technology Corporation (Listed, Pennsylvania USA) Oil-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.4.5 Carpenter Technology Corporation (Listed, Pennsylvania USA) Recent Developments/Updates
- 2.5 Erasteel SAS (Unlisted, Paris France)
- 2.5.1 Erasteel SAS (Unlisted, Paris France) Details
- 2.5.2 Erasteel SAS (Unlisted, Paris France) Major Business
- 2.5.3 Erasteel SAS (Unlisted, Paris France) Oil-hardening Tool Steel Product and Services
- 2.5.4 Erasteel SAS (Unlisted, Paris France) Oil-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.5.5 Erasteel SAS (Unlisted, Paris France) Recent Developments/Updates
- 2.6 Aubert & Duval (Unlisted, Paris France)
- 2.6.1 Aubert & Duval (Unlisted, Paris France) Details
- 2.6.2 Aubert & Duval (Unlisted, Paris France) Major Business
- 2.6.3 Aubert & Duval (Unlisted, Paris France) Oil-hardening Tool Steel Product and Services

2.6.4 Aubert & Duval (Unlisted, Paris France) Oil-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Aubert & Duval (Unlisted, Paris France) Recent Developments/Updates

2.7 Nachi-Fujikoshi Corp. (Listed, Tokyo Japan)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2.13.3 Rovalma, S.A. (Unlisted, Barcelona Spain) Oil-hardening Tool Steel Product and Services

2.13.4 Rovalma, S.A. (Unlisted, Barcelona Spain) Oil-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

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

2.14 Swiss Steel Group (Listed, Lucerne Switzerland)

2.14.1 Swiss Steel Group (Listed, Lucerne Switzerland) Details

2.14.2 Swiss Steel Group (Listed, Lucerne Switzerland) Major Business

2.14.3 Swiss Steel Group (Listed, Lucerne Switzerland) Oil-hardening Tool Steel Product and Services

2.14.4 Swiss Steel Group (Listed, Lucerne Switzerland) Oil-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.14.5 Swiss Steel Group (Listed, Lucerne Switzerland) Recent

Developments/Updates

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

2.15.1 GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhutte Germany) Details

2.15.2 GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhutte Germany) Major

Business

2.15.3 GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhutte Germany) Oil-hardening Tool Steel Product and Services

2.15.4 GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhutte Germany) Oil-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.15.5 GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhutte Germany) Recent Developments/Updates

2.16 Cincinnati Tool Steel Co. (Unlisted, Illinois USA)

2.16.1 Cincinnati Tool Steel Co. (Unlisted, Illinois USA) Details

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

2.16.3 Cincinnati Tool Steel Co. (Unlisted, Illinois USA) Oil-hardening Tool Steel Product and Services

2.16.4 Cincinnati Tool Steel Co. (Unlisted, Illinois USA) Oil-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

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

2.17 Hudson Tool Steel Corporation (Unlisted, California USA)

2.17.1 Hudson Tool Steel Corporation (Unlisted, California USA) Details

2.17.2 Hudson Tool Steel Corporation (Unlisted, California USA) Major Business

2.17.3 Hudson Tool Steel Corporation (Unlisted, California USA) Oil-hardening Tool Steel Product and Services

2.17.4 Hudson Tool Steel Corporation (Unlisted, California USA) Oil-hardening Tool Steel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.17.5 Hudson Tool Steel Corporation (Unlisted, California USA) Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: OIL-HARDENING TOOL STEEL BY MANUFACTURER

3.1 Global Oil-hardening Tool Steel Sales Quantity by Manufacturer (2021-2026)

3.2 Global Oil-hardening Tool Steel Revenue by Manufacturer (2021-2026)

3.3 Global Oil-hardening Tool Steel Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Oil-hardening Tool Steel by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Oil-hardening Tool Steel Manufacturer Market Share in 2025

3.4.3 Top 6 Oil-hardening Tool Steel Manufacturer Market Share in 2025

3.5 Oil-hardening Tool Steel Market: Overall Company Footprint Analysis

- 3.5.1 Oil-hardening Tool Steel Market: Region Footprint
- 3.5.2 Oil-hardening Tool Steel Market: Company Product Type Footprint
- 3.5.3 Oil-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 Oil-hardening Tool Steel Market Size by Region
 - 4.1.1 Global Oil-hardening Tool Steel Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Oil-hardening Tool Steel Consumption Value by Region (2021-2032)
 - 4.1.3 Global Oil-hardening Tool Steel Average Price by Region (2021-2032)
- 4.2 North America Oil-hardening Tool Steel Consumption Value (2021-2032)
- 4.3 Europe Oil-hardening Tool Steel Consumption Value (2021-2032)
- 4.4 Asia-Pacific Oil-hardening Tool Steel Consumption Value (2021-2032)
- 4.5 South America Oil-hardening Tool Steel Consumption Value (2021-2032)
- 4.6 Middle East & Africa Oil-hardening Tool Steel Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

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

6 MARKET SEGMENT BY APPLICATION

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

7 NORTH AMERICA

- 7.1 North America Oil-hardening Tool Steel Sales Quantity by Type (2021-2032)
- 7.2 North America Oil-hardening Tool Steel Sales Quantity by Application (2021-2032)
- 7.3 North America Oil-hardening Tool Steel Market Size by Country
 - 7.3.1 North America Oil-hardening Tool Steel Sales Quantity by Country (2021-2032)
 - 7.3.2 North America Oil-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 Oil-hardening Tool Steel Sales Quantity by Type (2021-2032)

8.2 Europe Oil-hardening Tool Steel Sales Quantity by Application (2021-2032)

8.3 Europe Oil-hardening Tool Steel Market Size by Country

8.3.1 Europe Oil-hardening Tool Steel Sales Quantity by Country (2021-2032)

8.3.2 Europe Oil-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 Oil-hardening Tool Steel Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Oil-hardening Tool Steel Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Oil-hardening Tool Steel Market Size by Region

9.3.1 Asia-Pacific Oil-hardening Tool Steel Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Oil-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 Oil-hardening Tool Steel Sales Quantity by Type (2021-2032)

10.2 South America Oil-hardening Tool Steel Sales Quantity by Application (2021-2032)

10.3 South America Oil-hardening Tool Steel Market Size by Country

10.3.1 South America Oil-hardening Tool Steel Sales Quantity by Country (2021-2032)

10.3.2 South America Oil-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 Oil-hardening Tool Steel Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Oil-hardening Tool Steel Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Oil-hardening Tool Steel Market Size by Country

11.3.1 Middle East & Africa Oil-hardening Tool Steel Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Oil-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 Oil-hardening Tool Steel Market Drivers

12.2 Oil-hardening Tool Steel Market Restraints

12.3 Oil-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 Oil-hardening Tool Steel and Key Manufacturers

13.2 Manufacturing Costs Percentage of Oil-hardening Tool Steel

13.3 Oil-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 Oil-hardening Tool Steel Typical Distributors

14.3 Oil-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 Air-hardening Tool Steel Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

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

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

Table 4. Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Basic Information, Manufacturing Base and Competitors

Table 5. Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Major Business

Table 6. Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Air-hardening Tool Steel Product and Services

Table 7. Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. Bohler-Uddeholm (Unlisted, Kapfenberg Austria) Recent Developments/Updates

Table 9. Carpenter Technology Corporation (Listed, Pennsylvania USA) Basic Information, Manufacturing Base and Competitors

Table 10. Carpenter Technology Corporation (Listed, Pennsylvania USA) Major Business

Table 11. Carpenter Technology Corporation (Listed, Pennsylvania USA) Air-hardening Tool Steel Product and Services

Table 12. Carpenter Technology Corporation (Listed, Pennsylvania USA) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. Carpenter Technology Corporation (Listed, Pennsylvania USA) Recent Developments/Updates

Table 14. Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Basic Information, Manufacturing Base and Competitors

Table 15. Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Major Business

Table 16. Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Air-hardening Tool Steel Product and Services

Table 17. Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Kind & Co. Edelstahlwerk (Unlisted, Wiehl Germany) Recent Developments/Updates

Table 19. Daido Steel Co., Ltd. (Listed, Nagoya Japan) Basic Information, Manufacturing Base and Competitors

Table 20. Daido Steel Co., Ltd. (Listed, Nagoya Japan) Major Business

Table 21. Daido Steel Co., Ltd. (Listed, Nagoya Japan) Air-hardening Tool Steel Product and Services

Table 22. Daido Steel Co., Ltd. (Listed, Nagoya Japan) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Daido Steel Co., Ltd. (Listed, Nagoya Japan) Recent Developments/Updates

Table 24. Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Basic Information, Manufacturing Base and Competitors

Table 25. Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Major Business

Table 26. Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Air-hardening Tool Steel Product and Services

Table 27. Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. Nachi-Fujikoshi Corp. (Listed, Tokyo Japan) Recent Developments/Updates

Table 29. ASSAB (Unlisted, Singapore) Basic Information, Manufacturing Base and Competitors

Table 30. ASSAB (Unlisted, Singapore) Major Business

Table 31. ASSAB (Unlisted, Singapore) Air-hardening Tool Steel Product and Services

Table 32. ASSAB (Unlisted, Singapore) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. ASSAB (Unlisted, Singapore) Recent Developments/Updates

Table 34. GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany) Basic Information, Manufacturing Base and Competitors

Table 35. GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany) Major Business

Table 36. GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany) Air-hardening Tool Steel Product and Services

Table 37. GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. GMH Gruppe SE & Co. KG (Unlisted, Georgsmarienhütte Germany) Recent Developments/Updates

Table 39. Crucible Industries LLC (Unlisted, New York USA) Basic Information, Manufacturing Base and Competitors

Table 40. Crucible Industries LLC (Unlisted, New York USA) Major Business

Table 41. Crucible Industries LLC (Unlisted, New York USA) Air-hardening Tool Steel Product and Services

Table 42. Crucible Industries LLC (Unlisted, New York USA) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. Crucible Industries LLC (Unlisted, New York USA) Recent Developments/Updates

Table 44. Erasteel SAS (Unlisted, Paris France) Basic Information, Manufacturing Base and Competitors

Table 45. Erasteel SAS (Unlisted, Paris France) Major Business

Table 46. Erasteel SAS (Unlisted, Paris France) Air-hardening Tool Steel Product and Services

Table 47. Erasteel SAS (Unlisted, Paris France) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 48. Erasteel SAS (Unlisted, Paris France) Recent Developments/Updates

Table 49. Swiss Steel Group (Listed, Lucerne Switzerland) Basic Information, Manufacturing Base and Competitors

Table 50. Swiss Steel Group (Listed, Lucerne Switzerland) Major Business

Table 51. Swiss Steel Group (Listed, Lucerne Switzerland) Air-hardening Tool Steel Product and Services

Table 52. Swiss Steel Group (Listed, Lucerne Switzerland) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. Swiss Steel Group (Listed, Lucerne Switzerland) Recent Developments/Updates

Table 54. Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Basic Information, Manufacturing Base and Competitors

Table 55. Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Major Business

Table 56. Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Air-hardening Tool Steel Product and Services

Table 57. Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Sanyo Special Steel Co., Ltd. (Listed, Osaka Japan) 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) Air-hardening Tool Steel Product and Services
- Table 62. BaoWu Special Steel Co., Ltd. (Unlisted, Shanghai China) Air-hardening 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. Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Basic Information, Manufacturing Base and Competitors
- Table 65. Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Major Business
- Table 66. Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Air-hardening Tool Steel Product and Services
- Table 67. Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 68. Fushun Special Steel Co., Ltd. (Listed, Liaoning China) Recent Developments/Updates
- Table 69. Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Basic Information, Manufacturing Base and Competitors
- Table 70. Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Major Business
- Table 71. Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Air-hardening Tool Steel Product and Services
- Table 72. Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 73. Dongbei Special Steel Group Co., Ltd. (Unlisted, Liaoning China) Recent Developments/Updates
- Table 74. TG International Co., Ltd. (Listed, Jiangsu China) Basic Information, Manufacturing Base and Competitors
- Table 75. TG International Co., Ltd. (Listed, Jiangsu China) Major Business
- Table 76. TG International Co., Ltd. (Listed, Jiangsu China) Air-hardening Tool Steel Product and Services
- Table 77. TG International Co., Ltd. (Listed, Jiangsu China) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. TG International Co., Ltd. (Listed, Jiangsu China) Recent Developments/Updates

Table 79. POSCO Specialty Steel Co., Ltd. (Unlisted, Gyeongsangbuk-do South Korea) Basic Information, Manufacturing Base and Competitors

Table 80. POSCO Specialty Steel Co., Ltd. (Unlisted, Gyeongsangbuk-do South Korea) Major Business

Table 81. POSCO Specialty Steel Co., Ltd. (Unlisted, Gyeongsangbuk-do South Korea) Air-hardening Tool Steel Product and Services

Table 82. POSCO Specialty Steel Co., Ltd. (Unlisted, Gyeongsangbuk-do South Korea) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 83. POSCO Specialty Steel Co., Ltd. (Unlisted, Gyeongsangbuk-do South Korea) Recent Developments/Updates

Table 84. SeAH Besteel Corporation (Listed, Seoul South Korea) Basic Information, Manufacturing Base and Competitors

Table 85. SeAH Besteel Corporation (Listed, Seoul South Korea) Major Business

Table 86. SeAH Besteel Corporation (Listed, Seoul South Korea) Air-hardening Tool Steel Product and Services

Table 87. SeAH Besteel Corporation (Listed, Seoul South Korea) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 88. SeAH Besteel Corporation (Listed, Seoul South Korea) Recent Developments/Updates

Table 89. Nova Tech, Inc. (Unlisted, Rhode Island USA) Basic Information, Manufacturing Base and Competitors

Table 90. Nova Tech, Inc. (Unlisted, Rhode Island USA) Major Business

Table 91. Nova Tech, Inc. (Unlisted, Rhode Island USA) Air-hardening Tool Steel Product and Services

Table 92. Nova Tech, Inc. (Unlisted, Rhode Island USA) Air-hardening Tool Steel Sales Quantity (Kilotons), Average Price (KUS\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 93. Nova Tech, Inc. (Unlisted, Rhode Island USA) Recent Developments/Updates

Table 94. Global Air-hardening Tool Steel Sales Quantity by Manufacturer (2021-2026) & (Kilotons)

Table 95. Global Air-hardening Tool Steel Revenue by Manufacturer (2021-2026) & (USD Million)

Table 96. Global Air-hardening Tool Steel Average Price by Manufacturer (2021-2026) & (KUS\$/Ton)

Table 97. Market Position of Manufacturers in Air-hardening Tool Steel, (Tier 1, Tier 2,

and Tier 3), Based on Revenue in 2025

Table 98. Head Office and Air-hardening Tool Steel Production Site of Key Manufacturer

Table 99. Air-hardening Tool Steel Market: Company Product Type Footprint

Table 100. Air-hardening Tool Steel Market: Company Product Application Footprint

Table 101. Air-hardening Tool Steel New Market Entrants and Barriers to Market Entry

Table 102. Air-hardening Tool Steel Mergers, Acquisition, Agreements, and Collaborations

Table 103. Global Air-hardening Tool Steel Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 104. Global Air-hardening Tool Steel Sales Quantity by Region (2021-2026) & (Kilotons)

Table 105. Global Air-hardening Tool Steel Sales Quantity by Region (2027-2032) & (Kilotons)

Table 106. Global Air-hardening Tool Steel Consumption Value by Region (2021-2026) & (USD Million)

Table 107. Global Air-hardening Tool Steel Consumption Value by Region (2027-2032) & (USD Million)

Table 108. Global Air-hardening Tool Steel Average Price by Region (2021-2026) & (KUS\$/Ton)

Table 109. Global Air-hardening Tool Steel Average Price by Region (2027-2032) & (KUS\$/Ton)

Table 110. Global Air-hardening Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 111. Global Air-hardening Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 112. Global Air-hardening Tool Steel Consumption Value by Type (2021-2026) & (USD Million)

Table 113. Global Air-hardening Tool Steel Consumption Value by Type (2027-2032) & (USD Million)

Table 114. Global Air-hardening Tool Steel Average Price by Type (2021-2026) & (KUS\$/Ton)

Table 115. Global Air-hardening Tool Steel Average Price by Type (2027-2032) & (KUS\$/Ton)

Table 116. Global Air-hardening Tool Steel Sales Quantity by Application (2021-2026) & (Kilotons)

Table 117. Global Air-hardening Tool Steel Sales Quantity by Application (2027-2032) & (Kilotons)

Table 118. Global Air-hardening Tool Steel Consumption Value by Application

(2021-2026) & (USD Million)

Table 119. Global Air-hardening Tool Steel Consumption Value by Application

(2027-2032) & (USD Million)

Table 120. Global Air-hardening Tool Steel Average Price by Application (2021-2026) & (KUS\$/Ton)

Table 121. Global Air-hardening Tool Steel Average Price by Application (2027-2032) & (KUS\$/Ton)

Table 122. North America Air-hardening Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 123. North America Air-hardening Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 124. North America Air-hardening Tool Steel Sales Quantity by Application (2021-2026) & (Kilotons)

Table 125. North America Air-hardening Tool Steel Sales Quantity by Application (2027-2032) & (Kilotons)

Table 126. North America Air-hardening Tool Steel Sales Quantity by Country (2021-2026) & (Kilotons)

Table 127. North America Air-hardening Tool Steel Sales Quantity by Country (2027-2032) & (Kilotons)

Table 128. North America Air-hardening Tool Steel Consumption Value by Country (2021-2026) & (USD Million)

Table 129. North America Air-hardening Tool Steel Consumption Value by Country (2027-2032) & (USD Million)

Table 130. Europe Air-hardening Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 131. Europe Air-hardening Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 132. Europe Air-hardening Tool Steel Sales Quantity by Application (2021-2026) & (Kilotons)

Table 133. Europe Air-hardening Tool Steel Sales Quantity by Application (2027-2032) & (Kilotons)

Table 134. Europe Air-hardening Tool Steel Sales Quantity by Country (2021-2026) & (Kilotons)

Table 135. Europe Air-hardening Tool Steel Sales Quantity by Country (2027-2032) & (Kilotons)

Table 136. Europe Air-hardening Tool Steel Consumption Value by Country (2021-2026) & (USD Million)

Table 137. Europe Air-hardening Tool Steel Consumption Value by Country (2027-2032) & (USD Million)

Table 138. Asia-Pacific Air-hardening Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 139. Asia-Pacific Air-hardening Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 140. Asia-Pacific Air-hardening Tool Steel Sales Quantity by Application (2021-2026) & (Kilotons)

Table 141. Asia-Pacific Air-hardening Tool Steel Sales Quantity by Application (2027-2032) & (Kilotons)

Table 142. Asia-Pacific Air-hardening Tool Steel Sales Quantity by Region (2021-2026) & (Kilotons)

Table 143. Asia-Pacific Air-hardening Tool Steel Sales Quantity by Region (2027-2032) & (Kilotons)

Table 144. Asia-Pacific Air-hardening Tool Steel Consumption Value by Region (2021-2026) & (USD Million)

Table 145. Asia-Pacific Air-hardening Tool Steel Consumption Value by Region (2027-2032) & (USD Million)

Table 146. South America Air-hardening Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 147. South America Air-hardening Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 148. South America Air-hardening Tool Steel Sales Quantity by Application (2021-2026) & (Kilotons)

Table 149. South America Air-hardening Tool Steel Sales Quantity by Application (2027-2032) & (Kilotons)

Table 150. South America Air-hardening Tool Steel Sales Quantity by Country (2021-2026) & (Kilotons)

Table 151. South America Air-hardening Tool Steel Sales Quantity by Country (2027-2032) & (Kilotons)

Table 152. South America Air-hardening Tool Steel Consumption Value by Country (2021-2026) & (USD Million)

Table 153. South America Air-hardening Tool Steel Consumption Value by Country (2027-2032) & (USD Million)

Table 154. Middle East & Africa Air-hardening Tool Steel Sales Quantity by Type (2021-2026) & (Kilotons)

Table 155. Middle East & Africa Air-hardening Tool Steel Sales Quantity by Type (2027-2032) & (Kilotons)

Table 156. Middle East & Africa Air-hardening Tool Steel Sales Quantity by Application (2021-2026) & (Kilotons)

Table 157. Middle East & Africa Air-hardening Tool Steel Sales Quantity by Application

(2027-2032) & (Kilotons)

Table 158. Middle East & Africa Air-hardening Tool Steel Sales Quantity by Country (2021-2026) & (Kilotons)

Table 159. Middle East & Africa Air-hardening Tool Steel Sales Quantity by Country (2027-2032) & (Kilotons)

Table 160. Middle East & Africa Air-hardening Tool Steel Consumption Value by Country (2021-2026) & (USD Million)

Table 161. Middle East & Africa Air-hardening Tool Steel Consumption Value by Country (2027-2032) & (USD Million)

Table 162. Air-hardening Tool Steel Raw Material

Table 163. Key Manufacturers of Air-hardening Tool Steel Raw Materials

Table 164. Air-hardening Tool Steel Typical Distributors

Table 165. Air-hardening Tool Steel Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Air-hardening Tool Steel Picture
- Figure 2. Global Air-hardening Tool Steel Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Air-hardening Tool Steel Revenue Market Share by Type in 2025
- Figure 4. Air-Hardening Cold-Work Tool Steels Examples
- Figure 5. Air-Hardening Hot-Work Tool Steels Examples
- Figure 6. Global Air-hardening Tool Steel Revenue by Manufacturing Process, (USD Million), 2021 & 2025 & 2032
- Figure 7. Global Air-hardening Tool Steel Revenue Market Share by Manufacturing Process in 2025
- Figure 8. Conventionally Melted Air-Hardening Tool Steels Examples
- Figure 9. Electroslag Remelted (ESR) Air-Hardening Tool Steels Examples
- Figure 10. Powder Metallurgy (PM) Air-Hardening Tool Steels Examples
- Figure 11. Global Air-hardening Tool Steel Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 12. Global Air-hardening Tool Steel Revenue Market Share by Application in 2025
- Figure 13. Mold Examples
- Figure 14. Cut Tool Examples
- Figure 15. Measuring Tool Examples
- Figure 16. Other Examples
- Figure 17. Global Air-hardening Tool Steel Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 18. Global Air-hardening Tool Steel Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 19. Global Air-hardening Tool Steel Sales Quantity (2021-2032) & (Kilotons)
- Figure 20. Global Air-hardening Tool Steel Price (2021-2032) & (KUS\$/Ton)
- Figure 21. Global Air-hardening Tool Steel Sales Quantity Market Share by Manufacturer in 2025
- Figure 22. Global Air-hardening Tool Steel Revenue Market Share by Manufacturer in 2025
- Figure 23. Producer Shipments of Air-hardening Tool Steel by Manufacturer Sales (\$MM) and Market Share (%): 2025
- Figure 24. Top 3 Air-hardening Tool Steel Manufacturer (Revenue) Market Share in 2025

Figure 25. Top 6 Air-hardening Tool Steel Manufacturer (Revenue) Market Share in 2025

Figure 26. Global Air-hardening Tool Steel Sales Quantity Market Share by Region (2021-2032)

Figure 27. Global Air-hardening Tool Steel Consumption Value Market Share by Region (2021-2032)

Figure 28. North America Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 29. Europe Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 30. Asia-Pacific Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 31. South America Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 32. Middle East & Africa Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 33. Global Air-hardening Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 34. Global Air-hardening Tool Steel Consumption Value Market Share by Type (2021-2032)

Figure 35. Global Air-hardening Tool Steel Average Price by Type (2021-2032) & (KUS\$/Ton)

Figure 36. Global Air-hardening Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 37. Global Air-hardening Tool Steel Revenue Market Share by Application (2021-2032)

Figure 38. Global Air-hardening Tool Steel Average Price by Application (2021-2032) & (KUS\$/Ton)

Figure 39. North America Air-hardening Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 40. North America Air-hardening Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 41. North America Air-hardening Tool Steel Sales Quantity Market Share by Country (2021-2032)

Figure 42. North America Air-hardening Tool Steel Consumption Value Market Share by Country (2021-2032)

Figure 43. United States Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 44. Canada Air-hardening Tool Steel Consumption Value (2021-2032) & (USD

Million)

Figure 45. Mexico Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 46. Europe Air-hardening Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 47. Europe Air-hardening Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 48. Europe Air-hardening Tool Steel Sales Quantity Market Share by Country (2021-2032)

Figure 49. Europe Air-hardening Tool Steel Consumption Value Market Share by Country (2021-2032)

Figure 50. Germany Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 51. France Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 52. United Kingdom Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 53. Russia Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 54. Italy Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 55. Asia-Pacific Air-hardening Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 56. Asia-Pacific Air-hardening Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 57. Asia-Pacific Air-hardening Tool Steel Sales Quantity Market Share by Region (2021-2032)

Figure 58. Asia-Pacific Air-hardening Tool Steel Consumption Value Market Share by Region (2021-2032)

Figure 59. China Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 60. Japan Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 61. South Korea Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 62. India Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 63. Southeast Asia Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 64. Australia Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 65. South America Air-hardening Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 66. South America Air-hardening Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 67. South America Air-hardening Tool Steel Sales Quantity Market Share by Country (2021-2032)

Figure 68. South America Air-hardening Tool Steel Consumption Value Market Share by Country (2021-2032)

Figure 69. Brazil Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 70. Argentina Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 71. Middle East & Africa Air-hardening Tool Steel Sales Quantity Market Share by Type (2021-2032)

Figure 72. Middle East & Africa Air-hardening Tool Steel Sales Quantity Market Share by Application (2021-2032)

Figure 73. Middle East & Africa Air-hardening Tool Steel Sales Quantity Market Share by Country (2021-2032)

Figure 74. Middle East & Africa Air-hardening Tool Steel Consumption Value Market Share by Country (2021-2032)

Figure 75. Turkey Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 76. Egypt Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 77. Saudi Arabia Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 78. South Africa Air-hardening Tool Steel Consumption Value (2021-2032) & (USD Million)

Figure 79. Air-hardening Tool Steel Market Drivers

Figure 80. Air-hardening Tool Steel Market Restraints

Figure 81. Air-hardening Tool Steel Market Trends

Figure 82. Porters Five Forces Analysis

Figure 83. Manufacturing Cost Structure Analysis of Air-hardening Tool Steel in 2025

Figure 84. Manufacturing Process Analysis of Air-hardening Tool Steel

Figure 85. Air-hardening Tool Steel Industrial Chain

Figure 86. Sales Channel: Direct to End-User vs Distributors

Figure 87. Direct Channel Pros & Cons

Figure 88. Indirect Channel Pros & Cons

Figure 89. Methodology

Figure 90. Research Process and Data Source

I would like to order

Product name: Global Air-hardening Tool Steel Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G18B57B4AE4FEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G18B57B4AE4FEN.html>