Advanced High-Strength Steels (AHSS) are complex, sophisticated materials, with carefully selected chemical compositions and multiphase microstructures resulting from precisely controlled heating and cooling processes. Various strengthening mechanisms are employed to achieve a range of strength, ductility, toughness, and fatigue properties. These steels aren't the mild steels of yesterday; rather they are uniquely light weight and engineered to meet the challenges of today's vehicles for stringent safety regulations, emissions reduction, solid performance, at affordable costs.

Scope of the Report:
This report focuses on the Automotive High Strength Steel in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

The AHSS type segment accounted for the largest share of the global Automotive High Strength Steel market, in terms of volume. This large share is primarily attributed to the better mechanical properties exhibited by AHSS as compared to other type of AHSS.

The Passenger Vehicle segment is estimated to account for the largest share of the global Passenger Vehicle market during the forecast period. This segment took the market share of 84.17% in 2016, in terms of volume.

Asia-Pacific is the largest and fastest-growing region in the global Automotive High Strength Steel market. Rapid automotive industry development offer lucrative growth opportunities to players operating in the Automotive High Strength Steel market. The increasing middle class population, which has led to urbanization and rise in the manufacturing sector, drives the demand of Automotive High Strength Steel in this region. The Asia-Pacific Automotive High Strength Steel market is expected to grow at the highest CAGR between 2017 and 2022. Economic growth in countries such as China, Japan and India are further propelling the growth of the Automotive High Strength Steel market in the Asia-Pacific region.

Some of the key players operating in the global Automotive High Strength Steel market include Arcelor Mittal, SSAB, POSCO, United States Steel Corporation, Voestalpine, ThyssenKrupp, Baowu Group, Ansteel.

The worldwide market for Automotive High Strength Steel is expected to grow at a CAGR of roughly 5.0% over the next five years, will reach 27200 million US$ in 2023, from 20300 million US$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers
Arcelor Mittal
SSAB
POSCO
United States Steel Corporation
Voestalpine
ThyssenKrupp
Baowu Group
Ansteel

Market Segment by Regions, regional analysis covers
North America (United States, Canada and Mexico)
Europe (Germany, France, UK, Russia and Italy)
Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
South America (Brazil, Argentina, Colombia etc.)
Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers
Conventional HSS
AHSS

Market Segment by Applications, can be divided into
Commercial Vehicle
Passenger Vehicle

There are 15 Chapters to deeply display the global Automotive High Strength Steel market.

Chapter 1, to describe Automotive High Strength Steel introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Automotive High Strength Steel, with sales, revenue, and price of Automotive High Strength Steel, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Automotive High Strength Steel, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Automotive High Strength Steel market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Automotive High Strength Steel sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source.
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