

Global Gear Technology Market: Size, Trends & Forecasts (2021-2025 Edition)

March 2021



Global Gear Technology Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

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Company Profiling

Global Gear Technology Market : Coverage

Scope of the Report

Attributes	Details
Title	Global Gear Technology Market: Size, Trends & Forecasts (2021-2025 Edition)
Coverage	Global and Regional
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2021-2025
Competition in the Market	Fragmented
Key Players	Klingelnberg, Gleason, Kapp Niles and Reishauer

Global Gear Technology Market

Executive Summary

Gear is defined as a small equipment which is very important for the functioning of machines, be it small machines or large machines. Gears are toothed cylindrical shaped elements, which interlocks with each other to transmit power from one shaft to another. Main reason for installing a gear is to change the torque and speed of the driving shaft and the driven shaft.

There are three main functions of a gear. First, to increase the speed, second to increase the force and third, to change the direction by applying force in opposite direction. There are many types of gears in the market such as helical gear, spur gear, herringbone gear, bevel gear, rock & pinion gear, worm gear, etc.

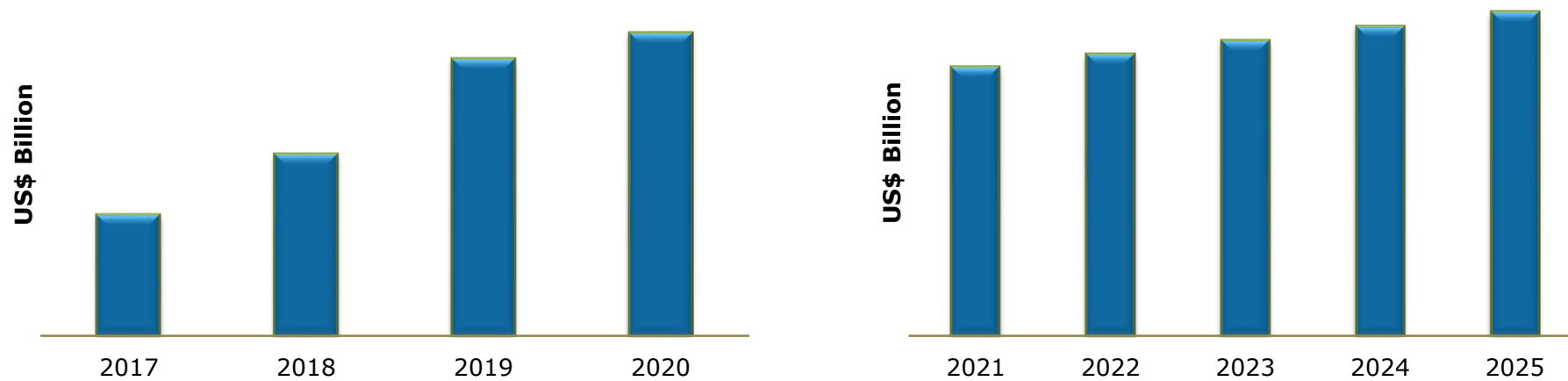
In the gear technology, manufacturing and measuring of gears during the production is a very important task. Two of the important gear manufacturing techniques are reproducing method and generating method. Whereas, gear measurement can be accomplished by three ways namely, teeth concentricity, good alignment and gear hardness. Gear measuring machines can be segmented into three major types. These are less than 650 mm, 650-4500 mm and more than 1500 mm. Each machine is focused on improving the gear structure in accordance to the final requisites.

There are many industries which implies gear in their machines. Some of these are agriculture, automation, aviation, metal & mining, wind power generation, and many others. Gears displays many advantages such as lifting of higher loads, for reduction in speed, transmission of torque, motion can be transmitted between non-parallel intersecting shafts, compact gear system, etc.

The global gear technology market is expected to increase at high growth rates during the forecasted period (2021-2025). The global gear technology market is supported by various growth drivers, such as Evolving Internet-of-things and industry 4.0, increasing gear and surface requirements, awareness regarding energy efficiency and sustainability, etc. Yet, the market faces certain challenges, such as, entry barriers, challenging pricing method, etc. Few new market trends are also provided such as, growing metal & mining industry, new gear geometry standards to regulate the gear measuring machines marketplace, etc.

Gear Technology Market : Global Analysis

Global Gear Technology Market by Value

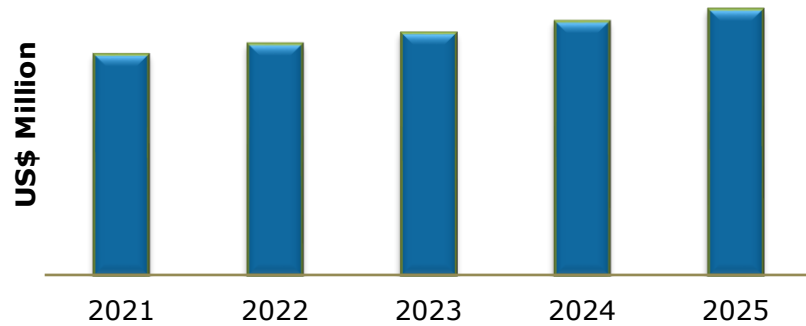


CAGRs	
2021-2025	xx%

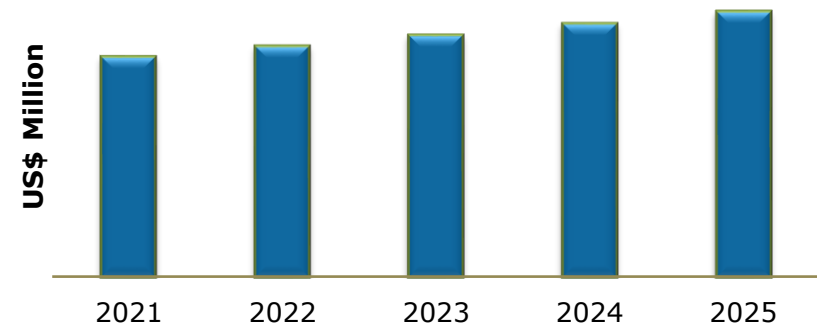
The global gear technology market value was US\$... billion in 2020, indicated an increase as compared to US\$... billion in 2019. However, the global gear technology market is anticipated to rise up to US\$.... billion by 2025 as compared to US\$...billion in 2021, representing a CAGR of% over the years 2021 to 2025.

Gear Technology Market : Segment Analysis

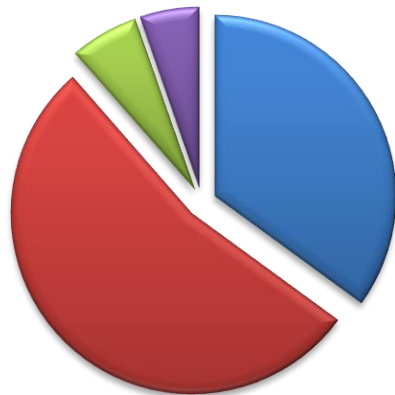
Global Bevel Gear Technology Market by Value; 2021-2025



Global Cylindrical Gear Technology Market by Value; 2021-2025



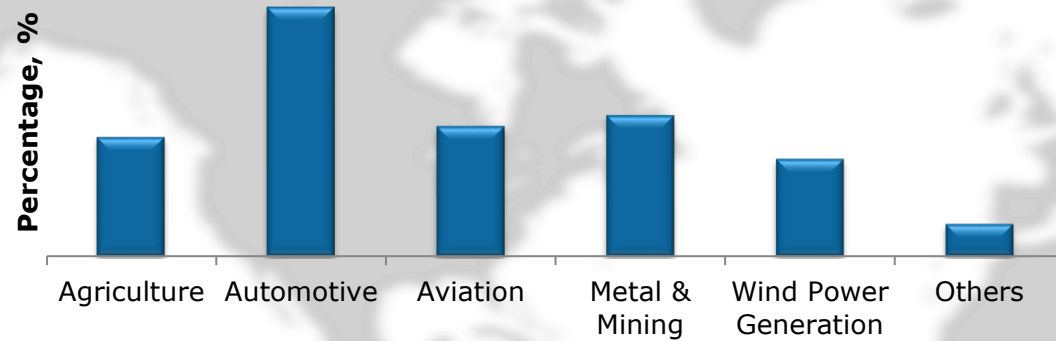
Global Gear Technology Market by Segment; 2020



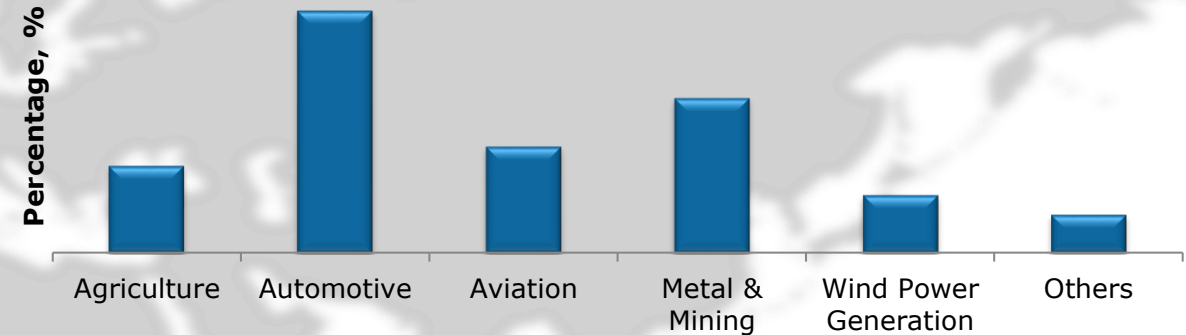
Segment	CAGRs
Bevel Gear Technology	xx%
Cylindrical Gear Technology	xx%
Precision Measuring Centres	xx%
Drive Technology	xx%

Gear Technology Market : Regional Analysis

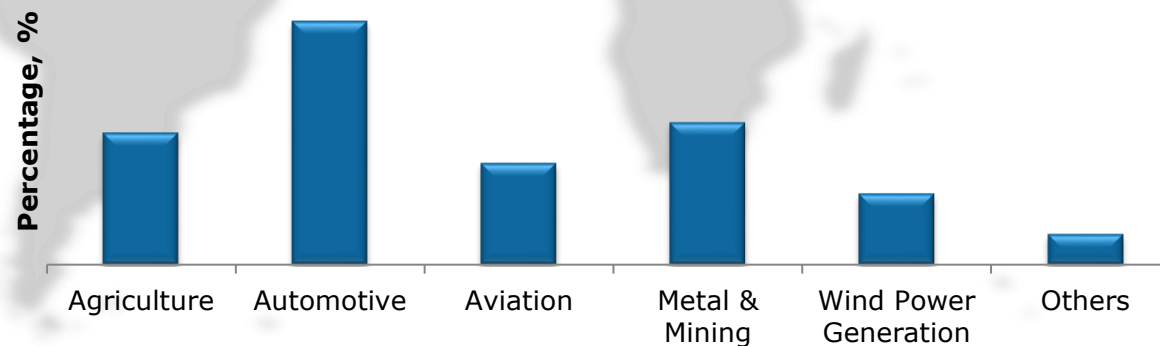
North America Gear Technology Market Share by End-User; 2020



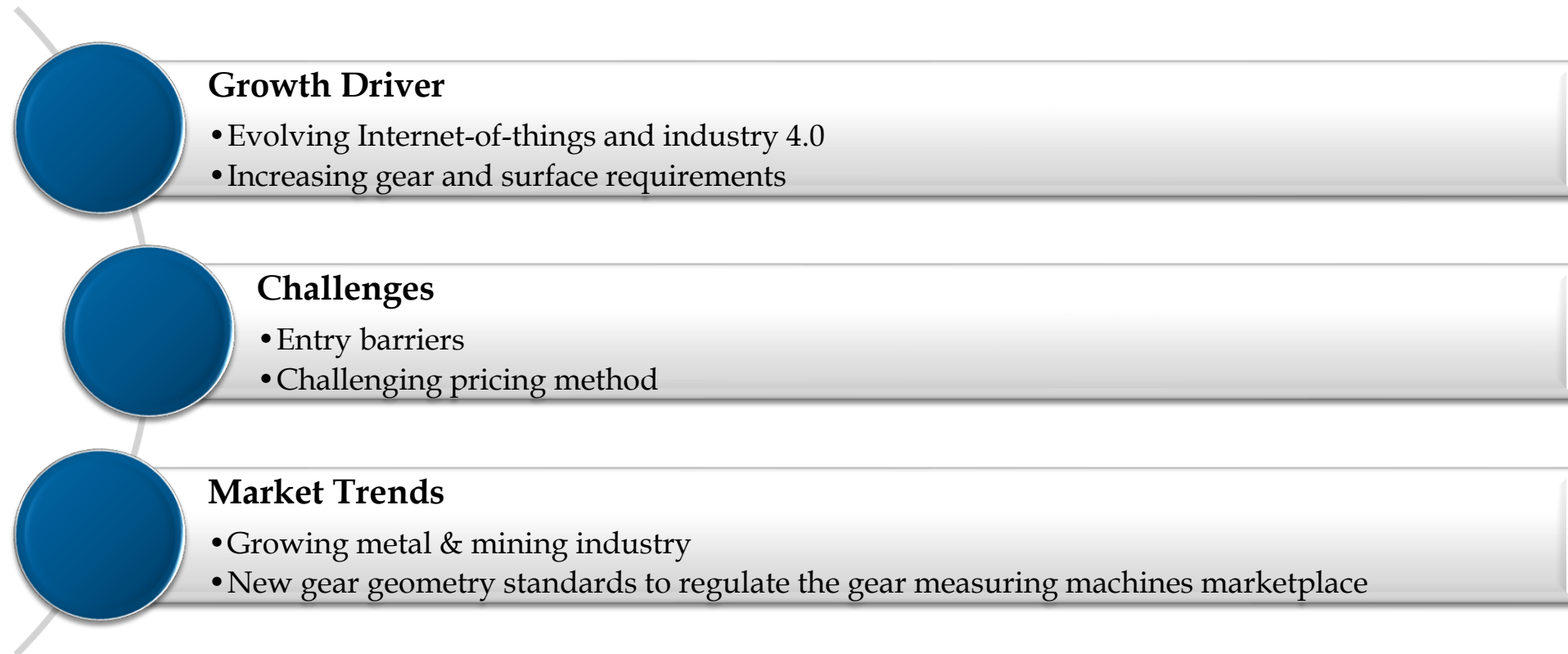
Latin America Gear Technology Market Share by End-User; 2020



CIS (Commonwealth Of Independent States) and Russia Gear Technology Market Share by End-User; 2020



Global Gear Technology Market : Dynamics



Global Gear Technology Market : Competitive Landscape

Players Profiled

- Klingelberg
- Gleason
- Kapp Niles
- Reishauer

Global Bevel Gear Technology Market Player by Share; 2020

