

# Diffraction Vortex Phase Plates Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Diffraction vortex phase plates are diffraction optical elements (DOEs) that transform a Gaussian profiled input beam into an annular ring of energy. These optics contain helical phase jumps whose patterns control the phase of the transmitted beam. Optical lenses can be used to focus the resulting energy ring while maintaining the beam profile.

This report contains market size and forecasts of Diffraction Vortex Phase Plates in global, including the following market information:

Global Diffraction Vortex Phase Plates Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Diffraction Vortex Phase Plates Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Diffraction Vortex Phase Plates companies in 2021 (%)

The global Diffraction Vortex Phase Plates market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

532 nm Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Diffraction Vortex Phase Plates include Holo/Or,

Corning, ABeam Technologies, VIAVI Solutions, Vortex Photonics, ARCOptix and Thorlabs, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Diffractive Vortex Phase Plates manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Diffractive Vortex Phase Plates Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Diffractive Vortex Phase Plates Market Segment Percentages, by Type, 2021 (%)

532 nm

1030 nm

Others

Global Diffractive Vortex Phase Plates Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Diffractive Vortex Phase Plates Market Segment Percentages, by Application, 2021 (%)

Microscope

Astronomical Mirror

Lithography

Others

Global Diffractive Vortex Phase Plates Market, By Region and Country, 2017-2022,  
2023-2028 (\$ Millions) & (K Units)

Global Diffractive Vortex Phase Plates Market Segment Percentages, By Region and  
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Diffractive Vortex Phase Plates revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Diffractive Vortex Phase Plates revenues share in global market, 2021 (%)

Key companies Diffractive Vortex Phase Plates sales in global market, 2017-2022

(Estimated), (K Units)

Key companies Diffractive Vortex Phase Plates sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Holo/Or

Corning

ABeam Technologies

VIAVI Solutions

Vortex Photonics

ARCOptix

Thorlabs

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