

# Linear Motion Rack

This rack is used for transmission in various machine tools. It is typically made of C45 steel and can be customized in length, module, and surface treatment.



## ADDITIONAL IMAGES



## Product Overview

### Precision Linear Motion Racks

These linear motion racks are engineered for high-performance power transmission in diverse industrial machine tools. Manufactured from robust C45 steel, these components facilitate efficient conversion of rotary motion into precise linear movement. The system is designed to provide high load capacity, exceptional wear resistance, and smooth engagement, making it an ideal choice for CNC machinery and industrial automation systems.

## Technical Specifications

### Core Features

- High load capacity
- Wear resistance
- Precision-machined teeth
- Low backlash design

### Material

C45 Steel

### Customization

Custom Length, Custom Size, Surface Treatment

## Applications

### Common Applications

CNC Machines • Industrial Automation • Power Transmission • Linear Motion Control