

CNC Machine Rack Gear

This rack gear is manufactured using CNC machines to meet DIN standards. It is suitable for use in CNC machines, engraving machines, and industrial applications requiring precise linear motion.



ADDITIONAL IMAGES



Overview

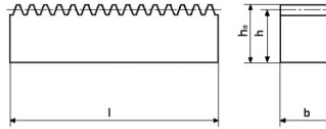
Precision CNC Rack Gears

These high-quality gear racks are precision-engineered using CNC machinery to ensure optimal performance and durability. Designed for a wide range of industrial applications, they provide reliable linear motion control and power transmission. Available in various materials and specifications, they can be customized to meet specific drawing or sample requirements.

Technical Specifications

Racks

Steel: **1.0503 [C 45]**
straight teeth,
pressure angle 20°



Modul	h_a	h	b_{h11}	l	[kg]
5,0	49,70 ± 0,10	44,70 - 0,10	50	500	8,80
5,0	49,70 ± 0,20	44,70 - 0,20	50	1 000	17,20
5,0	49,70 ± 0,30	44,70 - 0,30	50	2 000	34,40

Technical diagram showing dimensions and specifications for Module 5.0 rack gears.

Compliance Standards

DIN Standards • ISO 9001

Module 5.0 Specifications

Length (mm)	Weight (kg)
500	8.6
1000	17.2
2000	34.4

Pressure Angle	20° / 14.5°
Module Range	M0.4 - M36 / DP1 - DP25
Maximum Length	3500 mm
Material Options	Q235, C45, SS304, SS316L, Aluminum, Copper, Nylon

Applications

Primary Applications

- CNC Machines
- Window Machinery
- Engraving Machines
- Lift Machinery
- Opener Racks
- Automotive Industry
- General Industrial Usage