

ANSI Standard Roller Chain for Power Transmission

This ANSI standard roller chain is designed for efficient power transmission. Its robust construction features heat-treated pins and rollers for enhanced wear resistance and reliable performance.



Product Overview

High-Performance ANSI Standard Roller Chain

This precision-engineered roller chain is manufactured to strict ANSI standards, ensuring compatibility and reliable power transmission across diverse mechanical applications. Constructed from high-quality carbon or stainless steel, the chain features heat-treated pins and rollers designed to provide exceptional wear resistance and extended service life. Each unit comes pre-lubricated to minimize initial friction, making it a dependable choice for demanding industrial environments.

Technical Specifications

Dimensions & Strength Data

Property	Value
ANSI Chain No.	40-1R
Pitch (p)	12.70 mm
Width Between Inner Plates (b1)	7.85 mm
Roller Diameter (d1)	7.92 mm
Plate Thickness (t/T)	1.50/1.50 mm
Plate Height (h2)	12.00 mm
Pin Diameter (d2)	3.96 mm
Pin Length (L)	16.60 mm
Connect Pin Length (Lc)	17.80 mm
Min Tensile Strength (Q)	14.10 kN
Average Tensile Strength (Q0)	17.50 kN
Approx Unit Weight	0.62 kg/m

Quick Details

Certification

ISO 9001:2015

Supply Capacity

10000 Meters

Monthly Supply

Chain Number

ANSI 40-1R

Material

Carbon Steel, Stainless Steel

Logistics

Packaging

- Color Box
- Normal Box
- Plywood Pallet
- Plywood Case

Lead Time

Within 45 Days