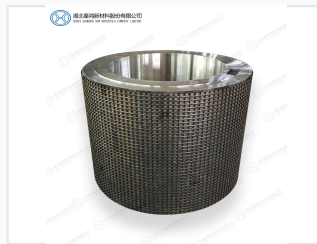


# Roller Press Casting Nail Roller Tyre for Mining Machinery

This roller press casting nail roller tyre features a manganese steel matrix, reducing the surfacing amount of the roller tyre. It utilizes titanium carbide ceramic rod and tungsten-cobalt carbide rod to replace part of the surfacing, minimizing the risk of surfacing falling off.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Mining Roller Tyre

This roller press casting nail roller tyre is engineered for heavy-duty mining machinery, providing superior durability and operational efficiency. Constructed with a robust manganese steel matrix and reinforced with iron-based titanium carbide and tungsten carbide nails, it is built to withstand harsh grinding environments. The design features a specialized surfacing pattern that protects the parent body while significantly increasing the grinding surface area and material intake capacity.

## Material & Construction

Material Composition	Manganese Steel, Iron-based Titanium Carbide, Tungsten Carbide
Manufacturing Process	Static casting with one-body casting fusion

## Design & Performance

### Design Features

- One-body casting fusion
- Word pattern surfacing between nails
- Enhanced material intake capability
- Protective parent body design

Surface Hardness	60 HRC
Nail Protrusion	15 mm

## Application

### Primary Industries

Cement • Electric Power • Mining