

# 50-Tooth Induction Hardened Sprocket with Hub

This 50-tooth sprocket is designed with a hub for secure mounting. The induction hardening treatment enhances its durability and wear resistance.



## Product Overview

### Precision Engineered Power Transmission

This 10B-1 sprocket features 50 teeth and is induction hardened to provide superior wear resistance and extended service life in demanding industrial environments. Designed with an integrated hub, it offers stability and reliable performance for power transmission systems. Its robust construction ensures consistent operation across a wide variety of mechanical applications.

## Technical Specifications

### Key Dimensions

<b>50 Z</b> Teeth Count	<b>260.3 mm</b> Outside Diameter	<b>252.82 mm</b> Pitch Diameter	<b>20 mm</b> Bore Diameter
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### Full Dimensional Data

Parameter	Value
Chain Number	10B-1
Pitch x Width	5/8" x 3/8"
Tooth Radius (r3)	16 mm
Radius Width (C)	1.6 mm
Tooth Width (B1)	9.1 mm
Hub Diameter (dm)	100 mm
Sprocket Width (A)	40 mm

## Features

### Construction Details

Induction Hardened, With Hub, Industrial Grade