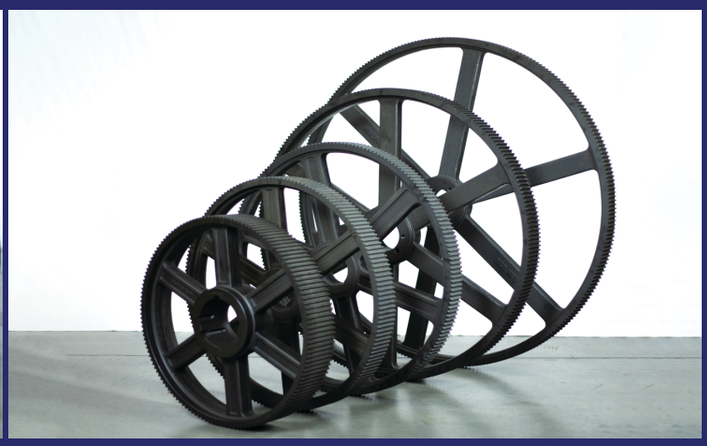
TIMING PULLEYS

B&B Manufacturing® never uses sintered steel or powdered metal in any of our products. All of our timing pulleys are available in the materials listed below and in custom-ordered stainless steel.



TRAPEZOIDAL

Trapezoidal pulleys are stocked and produced in standard minimum plain bore and finished bore along with Taper-Lock®, QD®, and double split taper bushed styles. This style is among the most frequently used for industrial applications and is designed to produce a positive, press fit to a shaft with minimal total indicator runout (TIR).

Our stock offering includes steel, ductile iron, plastic, and aluminum in diameters from ¼" to 35." B&B carries the pitches listed below:
MXL, LT, XL, L, H, XH, XXH, T2.5, T5, T10, T20, AT3, AT5, AT10, AT20

Powerhouse® HTD®

Powerhouse® HTD® pulleys are the first generation of curvilinear tooth profiles. This design can carry higher load capacities than trapezoidal pulleys while generating minimal friction.

Powerhouse® HTD® pulleys are stocked in minimum plain bore, QD®, and Taper-Lock® bushed styles. Our stock aluminum, steel, and ductile iron pulleys are available in the following pitches: **3mm, 5mm, 8mm, 14mm, 20mm**

ISO 9001:2015 Certified

Powerhouse®

B&B's Powerhouse® pulleys have a modified curvilinear tooth profile, giving them 2x the load carrying capacity compared to curvilinear. The improved performance and durability provides excellent synchronous positive drive engagement. Powerhouse® timing pulleys are designed for precise, high speed industrial power transmission applications with mid-range torque requirements.

Powerhouse® pulleys are stocked in minimum plain bore, finished bore, Taper-Lock® bushed styles. These pulleys are interchangeable with Gates® PowerGrip® GT® drives. Our inventory consists of the following pitches: **2mm, 3mm, 5mm, 8mm, 14mm**

POWERHOUSE® MX

Powerhouse® MX timing pulleys are made for high-torque, low-speed applications. While competitors manufacture these pulleys with gray iron. B&B uses steel and ductile iron up to 9" ODs; beyond 9" OD, cast iron is used. This style of timing pulley is interchangeable with Gates® Poly Chain® GT® Carbon™ and Conti® Synchrochain Carbon drives. Our stock offering includes finished bores, Taper-Lock®, and QD® bushed styles as well as the pitches: **5mm, 8mm, 14mm.** B&B Manufacturing® also stocks 8mm Powerhouse® MX pulleys in stainless steel and has various ACHE styles available.

B&B MANUFACTURING®

B&B Manufacturing® carries over $10 million of finished goods inventory to take care of your day-to-day maintenance repair and operations (MRO) needs.
Additionally, B&B can manufacture custom made-to-order pulleys for your applications.

QD® is a registered trademark of Regal Rexnord.
Powerhouse® is a registered trademark of B&B Manufacturing®
Gates®, PowerGrip®, Poly Chain®, GT®, and HTD® are registered trademarks of the Gates® Corporation
Taper-Lock® is a registered trademark of Dodge Manufacturing Corporation.
Conti® is a registered trademark of Continental

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