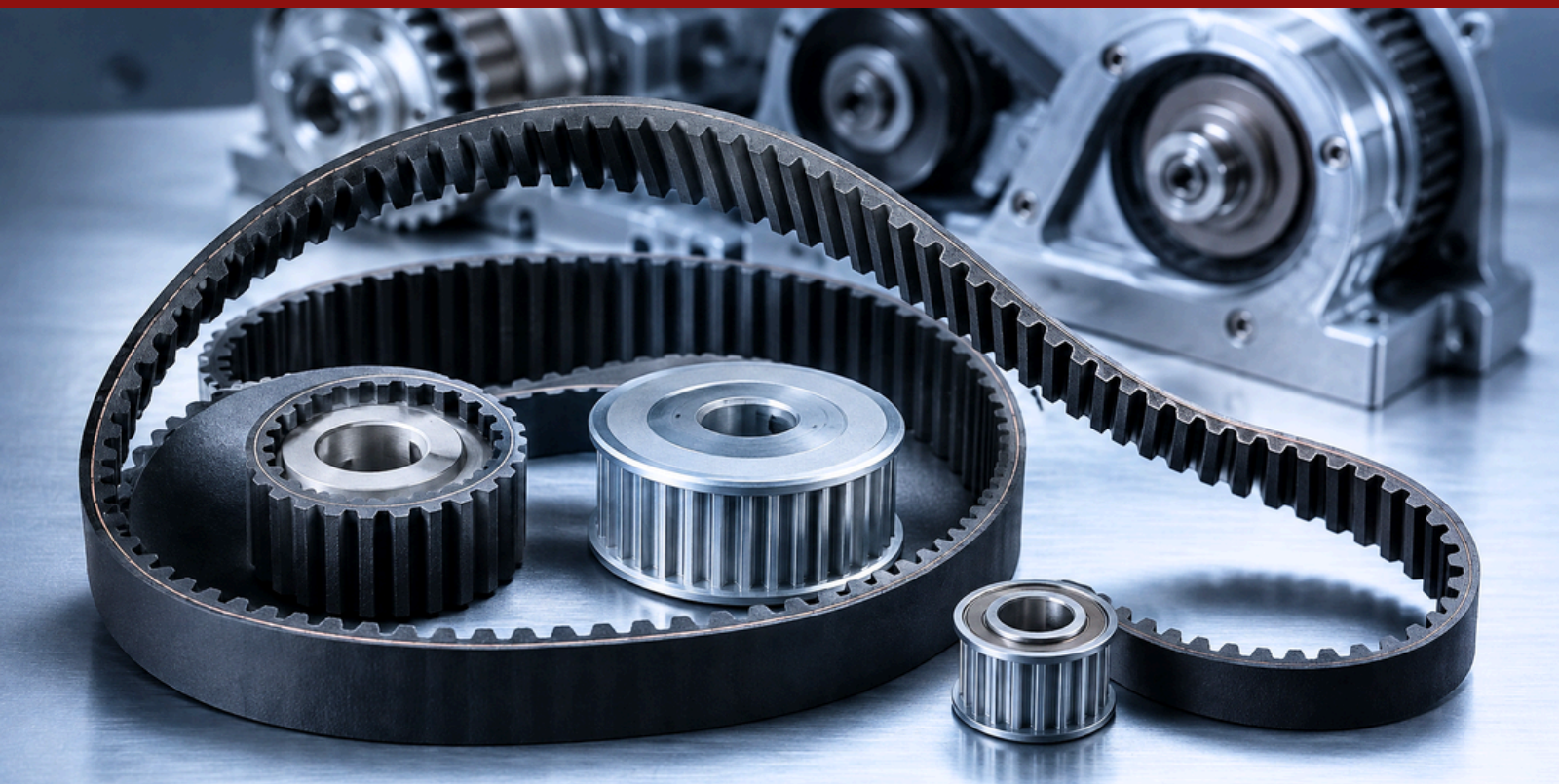




PUTEKEN

TOP BENEFITS OF USING HTD TIMING BELTS IN INDUSTRIAL EQUIPMENT



1

HIGH TORQUE TRANSMISSION

An **HTD Timing Belt** (High Torque Drive) features a large tooth pitch and a circle-arc tooth shape.

2

PRECISE POWER TRANSMISSION

Unlike friction-driven belts, **HTD Timing Belts** use positive tooth engagement to reduce slippage.

3

SMOOTH & RELIABLE OPERATION

The rounded tooth design promotes smooth engagement between the belt and pulley.

4

EXCELLENT DURABILITY

The **HTD Timing Belt** is designed to withstand repeated mechanical loads and demanding operating conditions.

5

LOW MAINTENANCE REQUIREMENTS

The **HTD Timing Belt** is designed to withstand repeated mechanical loads and demanding operating conditions.



Read More:

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Industrial machinery depends on efficient and accurate power transmission to maintain productivity and consistent performance. An **HTD Timing Belt** features a specially designed curved tooth profile that provides positive engagement with matching pulleys. This design helps transmit torque efficiently while supporting precise synchronization in a wide range of industrial applications.

Key Benefits of HTD Timing Belts

1. High Torque Transmission

An **HTD Timing Belt** (High Torque Drive) features a large tooth pitch and a circle-arc tooth shape. This design supports high torque handling, allowing equipment to transmit power efficiently during high-torque operations. The belt’s tooth profile is also engineered to help distribute load evenly, which supports stable performance.

2. Precise Power Transmission

Unlike friction-driven belts, **HTD Timing Belts** use positive tooth engagement to reduce slippage. This helps maintain accurate speed and synchronization, which is important for automated machinery and precision applications.

3. Smooth and Reliable Operation

The rounded tooth design promotes smooth engagement between the belt and pulley. It can help reduce vibration and noise while supporting stable operation during continuous production cycles.

TOP BENEFITS OF USING HTD TIMING BELTS IN INDUSTRIAL EQUIPMENT

HTD (High Torque Drive) timing belts deliver superior performance, reliability, and efficiency for a wide range of industrial applications.

HIGH TORQUE CAPACITY

HTD belts are designed to transmit higher torque with minimal stretch, ensuring powerful performance.

PRECISE & RELIABLE POWER TRANSMISSION

Engineered for accuracy, HTD belts maintain exact timing and synchronization, reducing slippage.

IMPROVED EFFICIENCY

Low power loss and high mechanical efficiency help optimize equipment performance and save energy.

LONG SERVICE LIFE

Built with durable materials and strong tooth profiles, HTD belts resist wear and extend operational life.

QUIET OPERATION

The curved tooth design reduces noise and vibration, creating a smoother and quieter running system.

LOW MAINTENANCE & COST-EFFECTIVE

Reliable performance with minimal maintenance leads to lower downtime and reduced operating costs.

From conveyors to packaging machines, HTD timing belts provide the strength, precision, and durability your industrial equipment needs to perform at its best.

4. Excellent Durability

The **HTD Timing Belt** is designed to withstand repeated mechanical loads and demanding operating conditions. Selecting the appropriate belt material, pitch, width, and size can help extend service life and improve equipment reliability.

5. Low Maintenance Requirements

Because timing belts provide positive engagement without requiring lubrication, they can offer a relatively low-maintenance transmission solution. Proper alignment and tensioning can further reduce premature wear.

6. Versatile Industrial Applications

An HTD Timing Belt can be used in conveyor systems, packaging equipment, automation machinery, CNC equipment, robotics, and other industrial power transmission applications where accurate movement and reliable performance are required.

Choose the Right HTD Timing Belt



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**RELIABLE INDUSTRIAL
CONVEYOR BELTS
FROM**
Shanghai Puteken for efficient operations



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**China Manufacturer &
Supplier**

Shanghai Puteken Transmission System Co., Ltd. specializes in high-quality industrial conveyor belts and silicone conveyor belts. With years of experience, we provide durable and reliable solutions for various industries, including manufacturing, food processing, and logistics.

Selecting the correct belt specification is essential for achieving maximum performance. Factors such as pulley size, belt pitch, operating speed, torque, load, temperature, and working environment should be considered before installation.

Shanghai Puteken Transmission System Co., Ltd. offers **HTD Timing Belt** solutions for various industrial transmission requirements. With the right belt selection and regular maintenance, manufacturers can improve power transmission efficiency, reduce downtime, and support dependable machinery performance.

To read more details about **HTD Timing Belts**, click **<https://tinyurl.com/yfh4t58v>** and call now at **+86 18201785896** or email us at **putekenbelt@gmail.com** today!