## Flour Power™ Roller Mill Belts

Specialty belts engineered for automated milling machines.



# Avoid downtime with durable and dependable Flour Power roller mill belts.

Roller milling machines are widely used in food-processing. Flour mills run 24 hours a day, seven days a week. Flour Power™ roller mill belts offer efficient and reliable power transmission in a compact drive solution.

Roller mill drive belts are typically dual sided. Most common, are belts with high torque synchronous teeth on one side and v-ribbed grooves on the other. Some are dual sided synchronous or dual sided v-ribbed belts. Flour Power specialty belts are designed for optimum performance and drive life while reducing maintenance and downtime.



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### Flour Power Roller Mill Belts

#### Features/Advantages

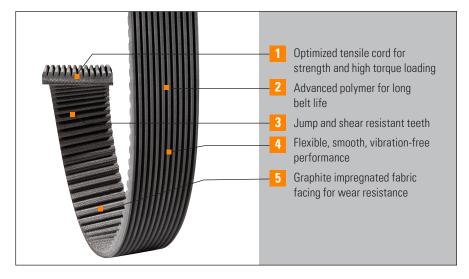
- High performance advanced polymer compound for long belt life
- Optimized tensile cord for strength and high torque loading
- Graphite impregnated fabric facing for improved wear resistance
- Jump and shear resistant belt teeth
- Efficient and consistent power transfer
- Heat, abrasion and wear resistant
- Flexible, vibration-free performance
- Durable and dependable
- Available in matched sets
- Manufactured in ISO 9001:2015 facilities
- Made in USA

#### Market

Food processing industry

#### **Application**

- Flour roller mill machines
  - Roller milling is a process used to separate the parts of grain and then grind into flour
  - The rollers rotate at different speeds and in the opposite direction so that the material is sheared as it passes through the gap
  - Many flour mill machines use a belt with high torque synchronous teeth on one side and v-ribbed grooves on the other
  - Some machines require a belt that is v-ribbed or synchronous on both sides



#### **Sizes**

- Available in 8M and 14M synchronous on one side and v-ribbed on the other
- Dual sided synchronous and dual sided v-ribbed belts are also available
- Part number examples:
  - 1552-8M-PK16
  - 1552-8M-PK32
  - 1760-8M-PK12
  - 1760-8M-PK36
  - 2400-8M-PK12
  - 2400-8M-PK36
  - 1778-14M-PK12
  - 1765PVL22D
  - Other sizes available upon request

#### **Matched Sets**

- Belts can be ordered in matched sets
  - Add a dash and the number of belts needed to the end of the part number
- Part number explanation
  - 1760-8M-PK12-3
    - 1760 = pitch length in millimeters
    - 8M = tooth pitch
    - PK = v-ribbed K profile
    - 12 = number of ribs
    - 3 = 3 matched belts

Timken Belts
also offers a
comprehensive
line of premium
replacement belts
for various types of machinery
used in food and beverage
production.

## TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, gears, chain, belts, couplings, and related mechanical power transmission products and services.