



PRECISION BELTING SOLUTIONS

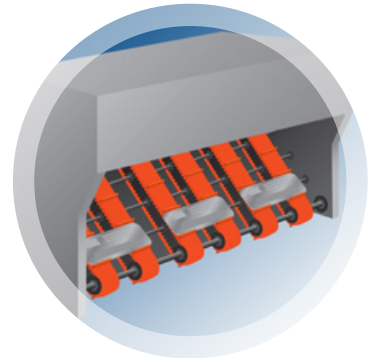
**Power
Transmission**



Motion Control



Conveying



Fenner Precision's experienced global team is dedicated to making your project a success. Our engineers offer superior technical knowledge and experience to help solve your toughest belt applications and material challenges.

Designed To Fit Your Needs. Exactly.

Precision Belting Solutions- Designed to Fit Your Needs. *Exactly.*

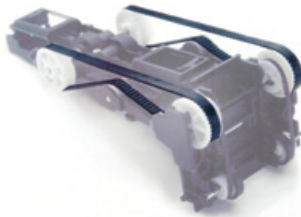
Fenner Precision provides a diverse range of belting products for Power Transmission, Motion Control and Conveying applications. Through a global network of R&D Engineers and Polymer, Textile and Applications Engineers, Fenner Precision develops and manufactures a full range of customized and standard belts. These products are offered in many special profiles, backings and materials to meet each customer's application needs – *exactly.*

Markets Served Include:

- ✦ Office automation
- ✦ Self-service/ATM
- ✦ Surveillance cameras

- ✦ Medical equipment
- ✦ Consumer products
- ✦ Conveyor roller drives

- ✦ Printers
- ✦ And more!



Fenner High Torque (FHT) Timing Belts

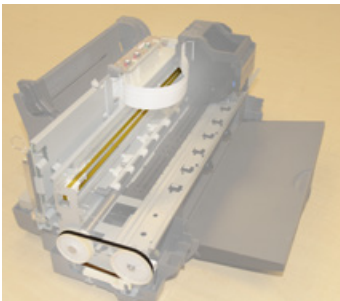
FHT curvilinear tooth profiles are precisely molded with non-dusting, clean running polyurethane offering:

- ✦ Higher torque transmission than trapezoidal profiles – up to 30% more.
- ✦ Lower noise and vibration
- ✦ Higher positioning accuracy for greater motion control
- ✦ Greatly reduced backlash

Available tooth pitches	1 mm, 2 mm, 2.032 mm, 3 mm and 5 mm
Pitch Lengths*	2.28" – 90" (58 mm – 2,286 mm)
Widths*	0.079" – 21" (2 mm – 533 mm)
Reinforcement options	Kevlar®, fiberglass, polyester
Operating Temperature Range	15°F – +160°F (-10°C – +70°C)

* Depending on tooth pitch and belt pitch length. Check with Fenner Precision for availability.

Trapezoidal Timing Belts



- ✦ Polyurethane construction means clean running, non-dusting
- ✦ No-slip, positive drive
- ✦ Low maintenance and economical operation
- ✦ RMA industry standard profiles

Available tooth pitches	MXL, XL, T1.5, T2.5 and T5
Pitch Lengths*	2.28" – 90" (58 mm – 2,286 mm)
Widths*	0.079" – 21" (2 mm – 533 mm)
Reinforcement options	Kevlar®, fiberglass, polyester
Operating Temperature Range	15°F – +160°F (-10°C – +70°C)

* Depending on tooth pitch and belt pitch length. Check with Fenner Precision for availability.

Flat Belts for conveying and power transmission applications

✦ FenBands™/un-reinforced flat belts

- Available in EPDM, silicone, polyurethane, chloroprene or natural rubber.
- With or without tracking guides
- Can be perforated for vacuum applications
- Self-tensioning "StretchBands", no tensioning devices required
- Available in dual durometer construction
- Can be made in anti-static materials



Belt Lengths	75 mm – 1500 mm (3" – 59")
Belt widths	10 mm – 300 mm (0.40" – 12") +/- 0.5 mm
Thickness	Standard = 1 mm (+/- 0.15 mm) Other thicknesses available
Surface finish	Impression surface one or both sides

✦ Reinforced Flat Belts made with polyurethane

- Kevlar®, fiberglass or polyester reinforcements
- With or without tracking guides
- Can be perforated for vacuum applications
- Dual durometer and anti-static construction available



Belt Lengths*	2.28" – 90" (58 mm – 2,286 mm)
Belt widths*	0.079" – 21" (2 mm – 533 mm)
Thickness	Standard = 1 mm (+/- 0.15 mm) Other thicknesses available
Surface finish	Smooth, textured or dual durometer

* Depending on tooth pitch and belt pitch length. Check with Fenner Precision for availability.

Fenatrak® Multi-V Belts

- ✦ **Designed for high speed, high torque drives where synchronization is not a requirement**
- ✦ **Quite, smooth running**
- ✦ **Clean, non-dusting polyurethane construction**
- ✦ **Molded, not formed v-profiles for exceptional accuracy**
- ✦ **Available SG-H™ pitch. Same pitch as standard H with higher torque capacity**



Pitches	SG-H™ (0.065"), H (0.065") and J (0.090")
Belt Lengths*	4" – 64" (102 mm – 1,625 mm)
Belt widths*	0.130" – 9.88" (3.3 mm – 251 mm)
Thickness	0.090" – 0.160" (2.3 mm – 4.06 mm)

* Depending on tooth pitch and belt pitch length. Check with Fenner Precision for availability.

Custom & Specialty Belts



- ❖ Double sided timing belts for serpentine drives
- ❖ Features/Lugs (one side or both sides)
- ❖ Dual Durometer construction
- ❖ High friction silicone coating on backside for positive feed applications
- ❖ Anti-static properties available
- ❖ Hole punching for vacuum applications
- ❖ Specific locations of teeth and/or features
- ❖ Long length, open-ended belts
- ❖ Surface grinding for critical thickness applications

NEW FenGlide™ Belt Construction



Reduce friction with new FenGlide™ self-lubricating belts. Fenner Precision has engineered a new belt compound with special additives to provide super low-friction operation in any belt style or profile we make. Perfect for applications where low friction and clean operation are required.

Unique performance benefits include:

- ❖ Low Noise
- ❖ Clean – No Grease
- ❖ Reduced System Cost
- ❖ Energy Efficient
- ❖ Enhanced Fit – No Belt Climbing
- ❖ Durable Performance

Fenner Precision's team of applications engineers provides complete engineering assistance from concept to production!

For more information visit us at www.fennerprecision.com

Contact Fenner Precision at 1-800-327-2288 or at salesusa@fennerprecision.com

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