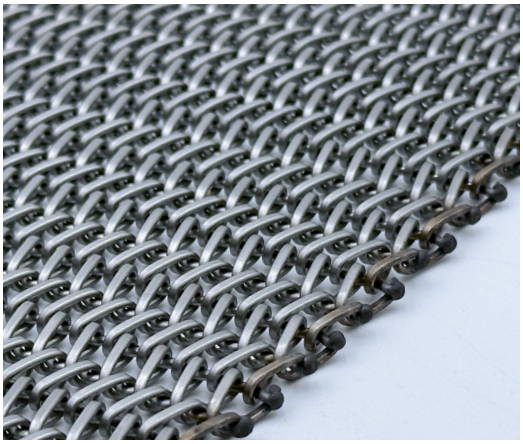
MAR-CON WIRE BELT
MTR PRECISION BELTING SYSTEMS



Mar-Con's Precision MTR Belt System offers the highest level of drive accuracy and stability available in the metal belting industry. Designed to perform in the most harsh and demanding environments.

This system includes precision MTR wire mesh belting, MTR Drive Rolls, MTR Sprockets, the combination of the MTR system ensures a metal belt that provides delicate handling of product, consistent, slip-free performance and durability available to the user.

KEY BENEFITS

- *Guaranteed Tracking* –
  Belts are made to allow precise teeth engagement at all times which eliminates belt wander
- *Extensive Customization* –
  Industry-leading range of mesh openings to support your conveying requirements
- *Stable, Balanced Design* –
  Flat construction ensures consistent product support anddelicate handling while maintaining belt strength

PERFORMANCE ADVANTAGES

- *Exceptional Service Life* –
  Flattened wire constructions allows for belt tension to spread equally throughout the belt increasing longevity.
  Customers report considerable more duty cycles than typical sprocket-driven systems
- *Low Maintenance* –
  Precise fit of teeth into the opening of the mesh eliminates the need for constant adjustments, cleanings, or sprocket replacement

TECHNICAL SPECIFICATIONS

• *Maximum Belt Width:*	156" (3960 mm)
• *Operating Speeds:*	Upwards of 120 fpl
• *Available Materials:*	T304 Stainless Steel
	T316 Stainless Steel
	High Carbon Steel (HCS)

MAR-CON
— Wire Belt —

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Engineered for Demanding Applications

Mar-Con's Precision MTR Belt System offers a complete solution. Ideal for conveyors prone to tracking issues, or inconsistent drive engagement,

Our precision-machined drive rolls, engineered sprockets, and matched meshes are designed to work in harmony—ensuring smooth operation, long-term reliability, and minimal operator intervention.

From freezers and ovens to washers, toasters, and processing lines, the Mar-Con MTR system delivers straight-line positive drive performance with unmatched precision.

THERMAL PROCESSING

Frying

Baking

FOOD HANDLING

Freezing

Coating

MATERIAL HANDLING

Transfers

De-water

SPECIALTY USES

Fiberglass Production

and many more...

Optimized Drive System

Pair the Precision MTR Belt with Mar-Con MTR Sprockets and MTR Drive Rolls for unmatched drive accuracy and minimal maintenance. These components feature graduated teeth that adapt to thermal changes, maintaining consistent tracking and belt tension across the full operating range.

Compact Transfer Capability

Supports transfers over nosebars as small as ¼" (6.4 mm) in diameter—ideal for compact layouts and delicate product handling.

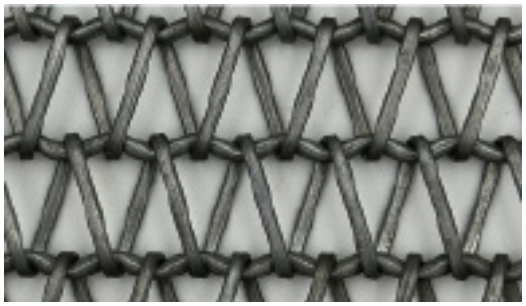
Clean and Low Maintenance

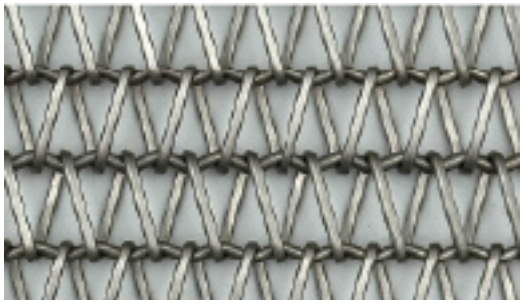
The parallelogram shaped teeth to engage precisely into the MTR belts opening to break up debris and promote a natural self-cleaning action.

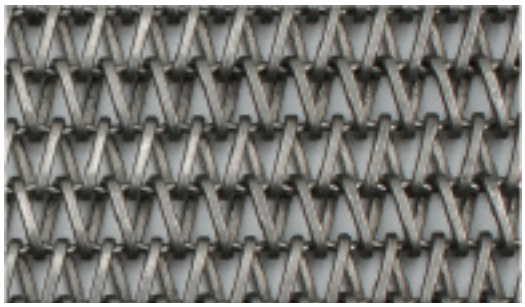
Metal Advantages

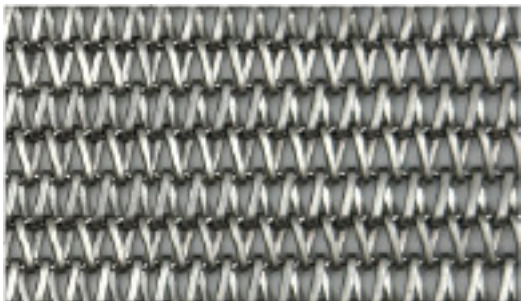
- Corrosion-Resistant
- Superior Durability
- Faster Splicing
- Non-Porous Surface
- Minimized Spray Carryover
- Enhanced Product Coverage

MESH SPECIFICATIONS


MTR 4


MTR 8

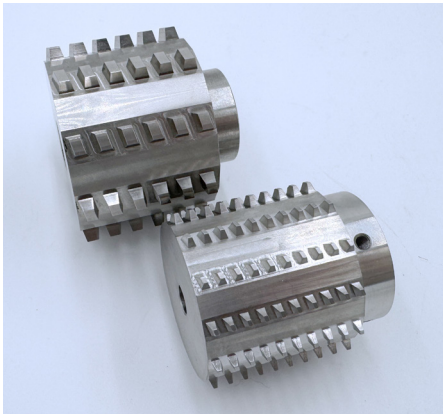

MTR 11


MTR 16

Spec. Name	Min. Opening (in.)	Belt Thickness (in.)	Weight (lbs/ft²)	% Open Area	Min. Nosebar Dia. (in.)
MTR 2 MCFL-EQ18-14-12-14F	0.54 x 0.64	0.31	1.27	61	1.188
MTR 3 MCFL-EQ24-18-12-12F	0.36 x 0.53	0.31	1.97	45	1.063
MTR 4 MCFL-EQ24-18-13-14F	0.39 x 0.56	0.31	1.5	52	1.063
MTR 6 MCFL-EQ30-24-16-16F	0.31 x 0.42	0.22	1.15	51	1.063
MTR 7 MCFL-EQ36-23-14-14F	0.23 x 0.37	0.25	1.24	45	1.063
MTR 8 MCFL-EQ36-25-14-16F	0.25 x 0.37	0.235	1.545	44	0.5
MTR 9 MCFL-EQ36-18-12-12F	0.21 x 0.37	0.235	1.02	35	0.438
MTR 10 MCFL-EQ42-31-16-16F	0.20 x 0.27	0.225	1.26	33	0.438
MTR 11 MCFL-EQ48-36-16-16F	0.20 x 0.27	0.192	1.05	34	0.375
MTR 12 MCFL-EQ48-48-18-18F	0.18 x 0.18	0.165	2.06	35	0.25
MTR 13 MCFL-EQ60-48-16-16F	0.12 x 0.12	0.165	1.9	30	0.25
MTR 14 MCFL-EQ60-53-18-20F	0.12 x 0.12	0.12	1.35	30	0.188
MTR 15 MCFL-EQ60-48-18-18F	0.22 x 0.22	0.165	0.75	30	0.313
MTR 16 MCFL-EQ72-48-18-18F	0.17 x 0.17	0.11	0.54	26	0.188

Custom specs available | Material: Stainless Steel; Custom alloys also available

SPROCKETS



Mar-Con's MTR Drive sprockets are precision machined individual sprockets designed provide versatility, simplicity and affordability for your conveying needs.

The sprockets are CNC machined of solid construction with parallelogram teeth manufactured to seamlessly mesh into the MTR mesh, this allows for solid bi-direction engagement to the mesh at all times.

Designed to be placed on 4-5" centers across the shaft, sprockets can be installed in a quick manner and easy handled during maintenance downtime. Sprockets are keyed alike to allow hassle free changes and are locked onto the shaft with built in set screws. Major diameters are readily available in house for your needs.

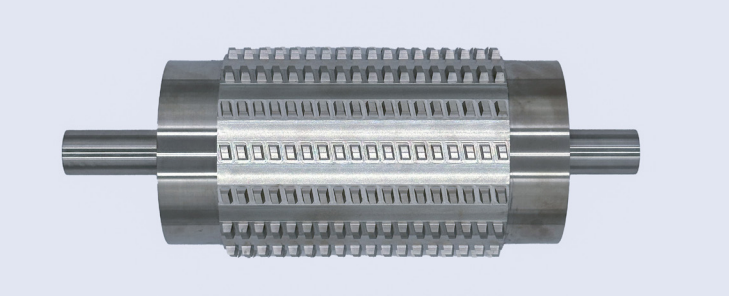
Spec. Name	Standard Outside Dia. (in.)	Pitch Dia. (in.)	Face Width (in.)
MTR 3 MCFL-EQ24-18-12-12F	3.125	2.986	2
MTR 4 MCFL-EQ24-18-13-14F	3.125	2.987	2
MTR 6 MCFL-EQ30-24-16-16F	3.250	3.193	2
MTR 7 MCFL-EQ36-23-14-14F	3.125	3.016	2
MTR 10 MCFL-EQ42-31-16-16F	3.125	2.983	2
MTR 11 MCFL-EQ48-36-16-16F	3.125	2.983	2
MTR 16 MCFL-EQ72-48-18-18F	2.875	2.868	2

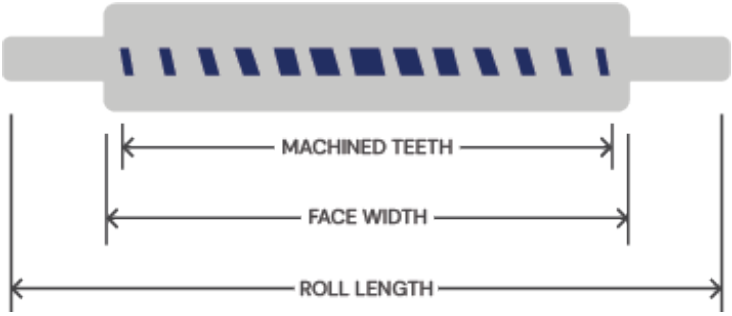
Custom specs available | Material: Stainless Steel, Steel, and UHMW

DRIVE ROLLS

Mar-Con's MTR Drive Rolls are precision-machined to deliver unmatched performance in heavy-load applications.

Each roll is custom-designed end in every opening across width of MTR Belt for your conveyor, ensuring accurate engagement with our Precision Mesh belts.





- *Adaptive Design:* Starting at the centerline, tooth widths are progressively reduced toward the edges. This allows the belt to naturally expand or contract with temperature changes while maintaining full-tooth contact and precise tracking.
- *Perfect Mesh Alignment:* Each tooth is shaped to match the unique geometry of the mesh openings, maximizing drive stability and efficiency.
- *Ready for Installation:* Rolls are supplied fully assembled, with journaled end shafts and keyways machined to your exact specifications for quick, seamless integration.