

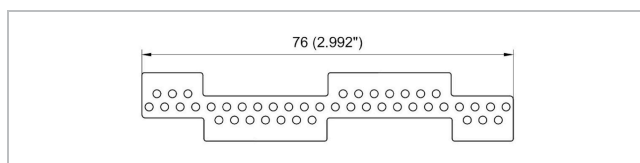
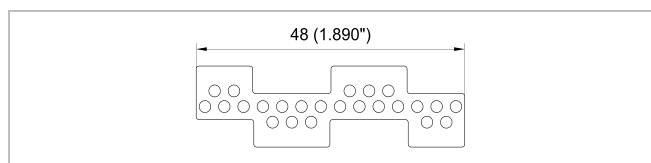
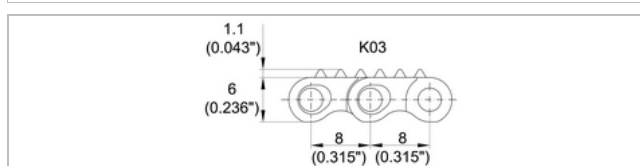
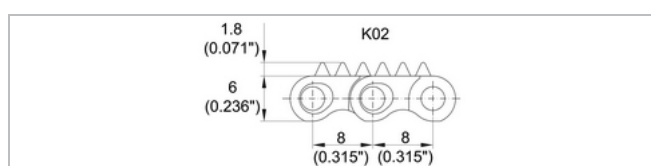
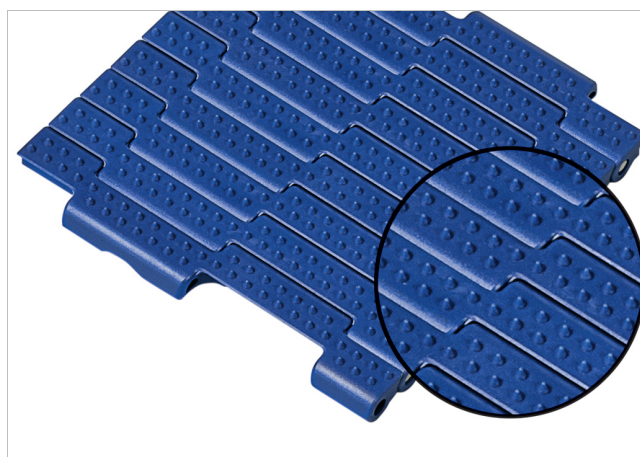
# HabasitLINK®

## M0863 Micropitch Cone Top 0.3" MTW



### Description

- Imperial belt width
- Dynamic open hinge, easy to clean
- Rod diameter 3 mm (0.12")
- Nosebar diameter 6 mm (0.236")
- Snap Fit rod retaining system
- Food approved materials available
- HyCLEAN hinge design



### Belt data

	Nominal belt width $b_0$		Belt material	Rod material	Nominal tensile strength $F_N$ , straight run		Belt weight $m_b$	
	mm	inch			N	lbf	kg/m	lb/ft
M0863K02*	48.0	1.9	POM	PBT	120	27	0.24	0.16
M0863K03	76.0	3.0	POM	PBT	190	43	0.39	0.26

\*M0863K02 is not compatible with M0800 standard sprockets, it requires dedicated sprockets with extension -CS, consult the M0800 sprocket PDS.

Real belt widths are in most cases 0.1% to 0.3% smaller.

Diameter of idling rollers (minimum)		Diameter of support rollers (minimum)		Diameter for gravity take-up and center drive rollers (minimum)	
mm	inch	mm	inch	mm	inch
6	0.24	50	2.00	50	2

The belt return way support system requires specific attention due to belt Cone Top surface. MTW modules have no flat indents, if the belt is sliding on supports or running on hard rollers it can damage or wear off the cones. To preserve the Cone Top surface, the return way supports - if necessary - need to be made by soft rollers.

### Temperature range

Module material	Rod material	Temperature range	
POM	PBT	-40 °C to +93 °C	-40 °F to +200 °F

**For detailed material properties** refer to the HabasitLINK® Engineering Guidelines.

**The nominal tensile strength** is valid for 23 °C (73 °F). The admissible tensile force depends on the operating temperature near the drive sprockets. Within the temperature range allowed, the admissible tensile force may vary

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from 100% to 20% of the nominal tensile strength. For detailed information and correct calculation of effective tensile force refer to the Calculation Guide in the HabasitLINK® Engineering Guidelines.

### **Disclaimer**

#### **Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)**

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