

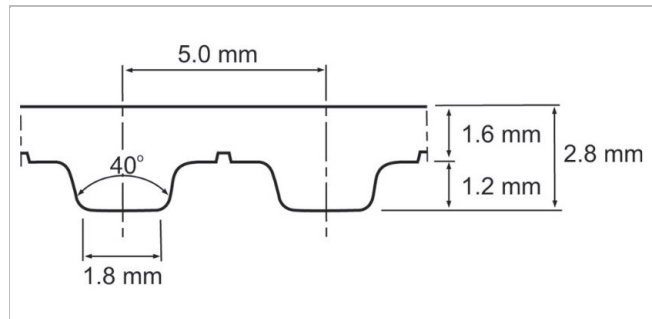
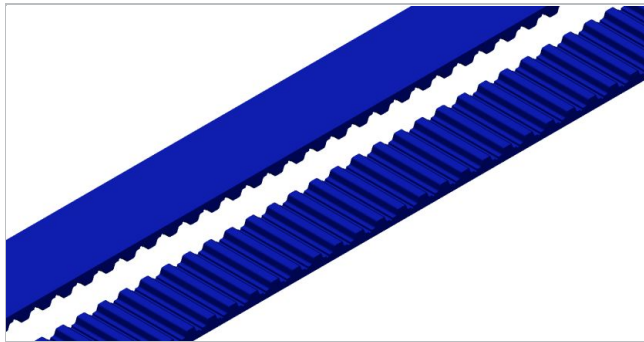
# HabaSYNC Open-end Timing Belts

## TT5-A



### Description

5 mm pitch, Aramid cord, Extra thickness, Metric, Standard trapezoidal, T shape



Sketch of basic shape

### Product Construction / Design

Material Type	Color	Hardness	Temperature range				Food grade <sup>1</sup>
			°C	°F	°C	°F	
26	Cobalt blue	85	-30	-22	80	176	Yes

<sup>(1)</sup> This product is in compliance with relevant EU and/or US food contact requirements. Check the following link for detailed information [Documents of Compliance](#)

### Standard belt options - Conveying side

Unprocessed (U)

### Standard belt options - Teeth side

Unprocessed (U)

<sup>(2)</sup> Fulfills ISO 9563

### Technical data

Belt slitting width, nominal		Admissible tensile force, open belt		Admissible tensile force, joined belt		Tensile force for 1% elongation		Mass of belt (belt weight)	
mm	inch	N	lbf	N	lbf	N	lbf	kg/m	lb/ft
10.0	0.39	380	85	290	65	640	144	0.02	0.02

Maximum belt width (150 mm / 6 inch).

Belt versions with increased thickness are available on request. Please consider larger minimum pulley diameters.

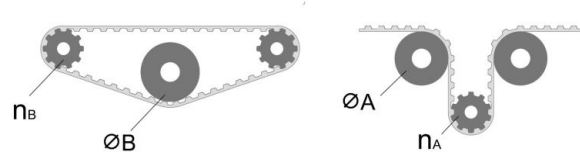
**The ultimate tensile strength (or breaking strength)** for the widest slitting width mentioned above is 1820 N.

**The admissible tensile force** always corresponds with a belt elongation of 0.6%. Joined belts are calculated with half admissible force. Please contact Habasit for detailed information and calculations.

[Link to JDS:](#)

### Technical data

ØB		n <sub>B</sub>	ØA		n <sub>A</sub>
mm	inch		mm	inch	
30	1.18	15	30	1.18	18



All data are approximate values under **standard climatic conditions**: 23 °C / 73 °F, 50% relative humidity (DIN 50005 / ISO 554), and are based on the Master Joining Method.

Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

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### Disclaimer

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