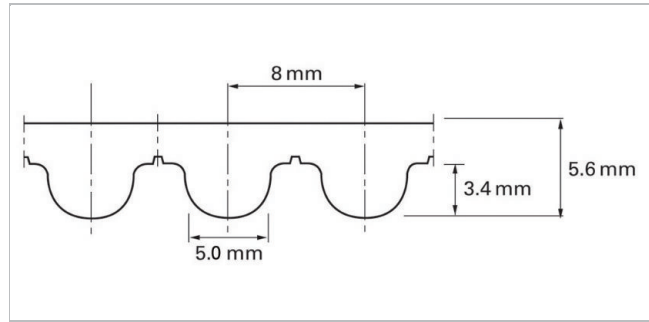
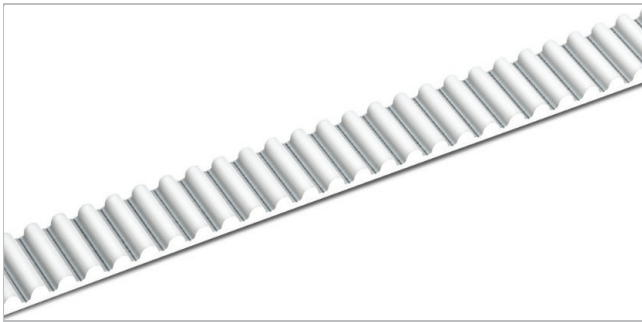


# HabaSYNC Open-end Timing Belts 8M-A



## Description

Metric, HTD shape, Curvilinear, 8 mm pitch, Aramid cord



Sketch of basic shape

Product Construction / Design								
Material Type	Color	Hardness	Temperature range				Food grade <sup>1</sup>	Characteristic
			°C	°F	°C	°F		
01	White	92	-20	-4	80	176	No	TPU - polyester
06	Black	92	-20	-4	80	176	No	TPU - polyester

### Standard belt options - Conveying side

Unprocessed (U), Green polyamide fabric (P), Antistatic black polyamide fabric (A)<sup>(2)</sup>

### Standard belt options - Teeth side

Unprocessed (U), Green polyamide fabric (P), Antistatic black polyamide fabric (A)<sup>(2)</sup>

<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	1125	253	563	127	1860	418	0.05	0.03
15.0	0.59	1875	422	937	211	3100	697	0.08	0.05
16.0	0.63	1875	422	937	211	3100	697	0.08	0.05
25.0	0.98	3000	674	1500	337	4960	1115	0.12	0.08
85.0	3.3	10500	2360	5250	1180	17360	3903	0.40	0.27

Maximum belt width (150 mm / 6 inch).

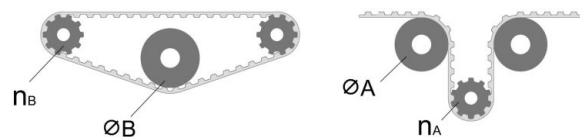
Belt versions with increased thickness are available on request. Please consider larger minimum pulley diameters.

**The ultimate tensile strength (or breaking strength)** for the widest slitting width mentioned above is 20100 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	
50	1.97	20	100	3.94	22



# HabaSYNC Open-end Timing Belts

## 8M-A



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.

### **Disclaimer**

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

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