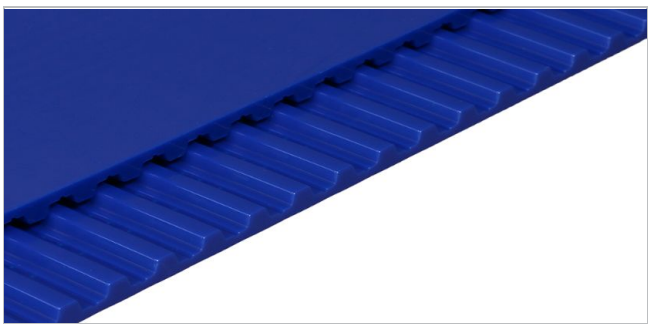
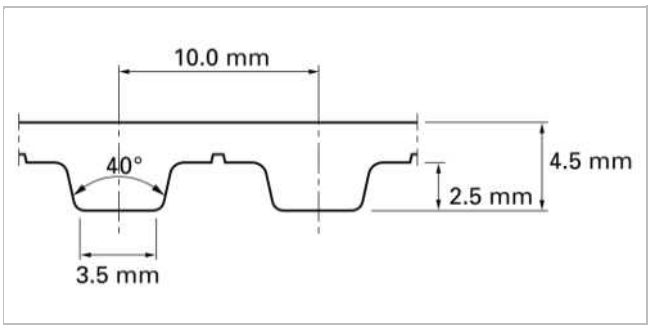
HabaSYNC Wide Timing Belts
WT10-A+M

Description

Matt, Metric, T shape, Standard trapezoidal, 10 mm pitch, Aramid cord





Sketch of basic shape

Product Construction / Design								
Material Type	**Color**	**Hardness**	**Temperature range**				**Food grade[1]**	**Characteristic**
		ShA	°C	*°F*	°C	*°F*		
05	Cobalt blue	90	-30	*-22*	80	*176*	Yes	TPU - polyether
04	White	92	-20	*-4*	80	*176*	No	TPU - polycarbonate
15	Dark blue	90	-30	*-22*	80	*176*	Yes	Metal-detectable
66	Black	90	-20	*-4*	70	*158*	Yes	TPU - polyester
55	Cobalt blue	90	-20	*-4*	70	*158*	Yes	TPU - polyester
22	Transparent	90	-20	*-4*	70	*158*	Yes	TPU - polyester

[1] 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)

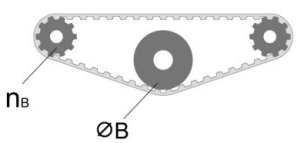
Technical data									
Belt slitting width, nominal		**Admissible tensile force, open belt**		**Admissible tensile force, joined belt**		**Tensile force for 1% elongation**		**Mass of belt (belt weight)**	
mm	*inch*	N	*lbf*	N	*lbf*	N	*lbf*	kg/m	*lb/ft*
609.0	*24.0*	13000	*2923*	6500	*1461*	20000	*4496*	2.30	*1.55*

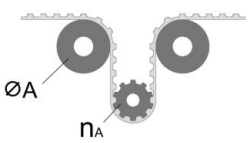
Any **belt width** is possible within the nominal belt slitting width.
Belt versions with increased thickness are available on request. Please consider larger minimum pulley diameters.

The ultimate tensile strength (or breaking strength) for the widest slitting width mentioned above is 95000 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_B**	**ØA**		**n_A**
mm	inch		mm	inch	
60	2.36	15	60	2.36	20





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.