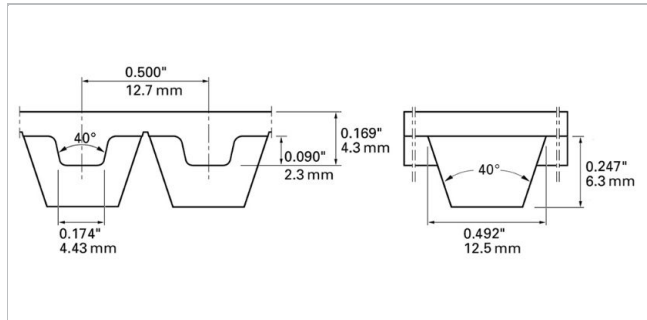
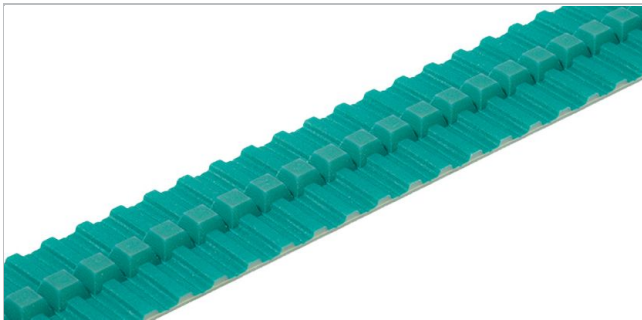


HabaSYNC Open-end Timing Belts HGA-A



Description

0.5" pitch, Imperial, T shape, Standard trapezoidal, Aramid cord, Self-tracking



Sketch of basic shape

Product Construction / Design

Material Type	Color	Hardness	Temperature range				Food grade ¹	Characteristic
			°C	°F	°C	°F		
02	Transparent	88	-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), Green polyamide fabric (P)

Standard belt options - Teeth side

Unprocessed (U), Green polyamide fabric (P)

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
25.4	1.00	2000	450	1000	225	3333	749	0.10	0.07

Maximum belt width (150 mm / 6 inch).

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

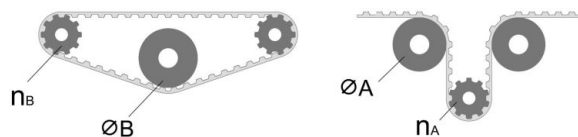
The ultimate tensile strength (or breaking strength) for the widest slitting width mentioned above is 15400 N.

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	14	80	3.15	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.

HabaSYNC Open-end Timing Belts HGA-A



Disclaimer

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

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