Technical datasheet

# **PU moulded 944 MXL Steel**

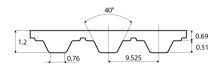
# Ammeraal Beltech

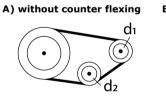
Article code: TBUM000293

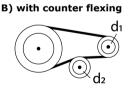
General information							
Productgroup	Timing belts, PU Moulded						
Industry segment	General industry; Wood; Building materials: Stone & ceramics, Bricks & tiles						
Main product feature	Positive drive, Non-marking, Wear resistant						
Belt construction							
Tension member	steel						
Material	body Polyurethane						
Surface	tooth side	Polyurethar	ne				
	back side	Polyurethar	ne				
Characteristics							
Food Grade (FG)	no						
Antistatic (AS)	no						
Oil & Fat resistance	yes						
Technical data							
Tooth	profile			MXL			
	pitch			2.032		0.08	in.
Hardness body material	ISO 868				Shore		
Belt thickness					mm	0.05	
Belt weight					kg/m²	0.25	lbs/ft <sup>2</sup>
Coefficient of friction	tooth side to steel		dynamic	0,5 -30 / 80		-22 / 176	05
Operating temperature	continuous A) without counter flexing		from / to number of teeth, t1	-30 / 80	-0	-22 / 170	-r
Minimum pulley diameter	A) without counter nexing		d1	9.19	mm	0.36	in
			d1 d2		mm	0.50	
	B) with counter fl	exina	number of teeth, t1	13		0.55	
	b) man counter n	exang	d1	11.13	mm	0.44	in.
			d1 d2		mm	0.59	
Belt width	maximum				mm	11.81	
Belt length				239.8	mm	9.44	in.

#### **Reference images**

## Side view







#### Fabrication

This information on the fabrication options is general, please contact Ammeraal Beltech to inquire for the specific fabrication possibilities of the timing belt of your choice.

Cleats welded or mechanically attached, metal teeth, guides welded or glued.

Covers can be welded, glued, coated or vulkanized onto the back side of the timing belt.

Thermoplastic covers can be embossed.

Perforations, lateral and logitudinal slots, lateral and longitudinal profiles.

### Additional Information

Tooth profile according to standard: metric ISO 17396, imperial ISO 5296-1, curvilinear ISO 13050, depending on the belt type.

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ. Consult our specialists for further information like technical calculations. Instructions regarding joining, storage & maintenance and tracking & tensioning.

Standard

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