

Datasheet

RS PRO Timing Belt

Stock No. 2056041

**Technical Specifications:**

Length mm	500
Width mm	25
Teeth	100
Pitch	5M
Material	Black Rubber

Features & Benefits:

HTD Timing Belts are designed for use in a wide range of drive systems and their unique tooth geometry helps to guarantee higher power transmission in challenging low speed, high torque applications. The curvilinear HTD tooth profile eliminates the high load stresses at tooth roots which are an inherent weakness with traditional trapezoidal profile belts.

This results in a smoother and more precise transmission of power at higher load capacities and with extended belt life.

HTD belts provide a high performance drive system for many industries where durability and low maintenance are required such as gardening equipment, machine tools, textile equipment, packaging, vending machines and conveyor systems.

HTD Rubber timing belts

Efficiently and reliably deliver high and consistent torque over a longer life in a smooth compact design with quieter operation.

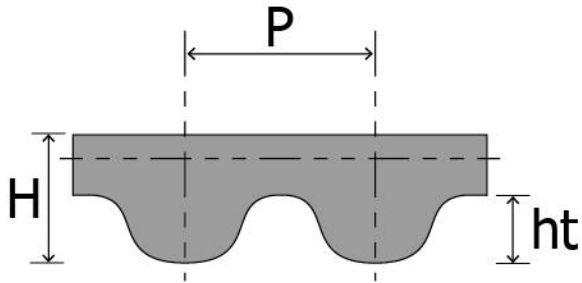
Curvilinear tooth profile improves load distribution and shear resistance, resulting in higher torque and power transmission capabilities.

Wide speed range and increased load carrying capacity helps to provide constant driven speeds delivered by a smooth, compact drive design.

High operating efficiency in comparison to other drive systems, with no need for lubrication, reduced belt tensioning and maintenance of constant lengths.

Superior abrasion resistance and positive non-slip pulley engagement ensures an extended and trouble-free service life coupled with significant energy savings and up to 99% efficiency.





ISO Ref	Pitch (P)	Tooth height (ht)	Belt height (H)
5M	5.0	2.06	3.8
8M	8.0	3.38	6.0
14M	14.0	6.02	10.0

BELT CODING EXAMPLE

