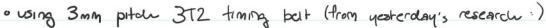
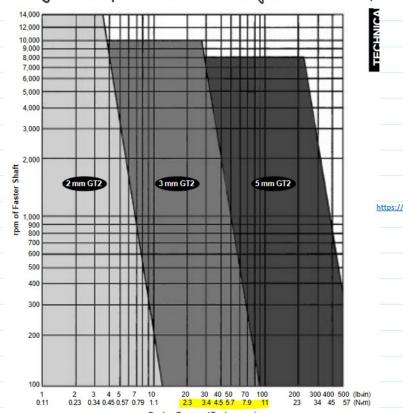
Mar 7. 2021

START: 10:15 AM.

END : 2:00 PM.





https://www.sdp-si.com/D265/PDF/D265T146.pdf

Design Torque (Tpeak)
Fig. 41 GT2 Belt Selection Guide

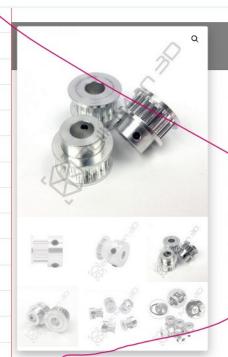
need to be / in this torque range for safety factor

Goal:

- source 3mm pitou belt pulley

- source appropriate shall V

- faish power transmission (excluding outer casing)



## **GT3 Pulley 20 Teeth Timing**

\$3.00 - \$15.000.00

his high quality <mark>20 tooth GT3</mark> 5 mm/6,25 mm/8 mm aluminium Timing Pulley is perfect for V-Slot automation

This Pulley size is speci designed to make Timing Belt work with a V-Slot system fit ing on either side of a 20 mm extrusion profile.

Three Inner Diameter (ID) Bores are available: 5mm, 6.35mm

→ \$ 3 per piece > doesn't have OAD but CAD for similar part was sourced \$ modified to appreximate

## Specifications:

- 100% brand new and high quality
- Model: GT0003-5 / GT0003-635 / GT0003-8 Colour: Sliver
- Material: Aluminium Alloy
- GT2(3mm) 20 Teeth
- Up to 6 mm/1/4" belt width
- 5mm / 6.35mm / 8mm Bore
- · 2 flanges with hub
- Set screws included (1.5 mm)

https://bulkman3d.com/product/gt0003/

(CAD source: https://www.york-ind.com/product/3mm-gt2-pitch/)

Other possible source (but different bore diam.): https://openbuildspartstore.com/3gt-gt2-3m-timing-pulley-20-tooth-250-bore-9mm-belt/

\*can't find 6 mm wide closed GTB belts



## 3GT (GT2-3M) Timing Pulley - 20 Tooth - 9mm Belt - 8mm Clamp Bore

\*\*\* \* (No reviews yet)

SKU: 2130

\$9.99

QUANTITY:

O ADD TO WISHLIST

f 🖾 💆 🕠 🕩 like 0

ADD TO CART

https://openbuildspartstore.com/3gt-gt2-3m-timing-pulley-20-tooth-9mm-belt-8mm-clamp-bore/

Regured belt length:

ptch = 3 mm = p  

$$p = \frac{Td}{N}$$
  
 $\Rightarrow dp = \frac{PN}{T} = \frac{3(20)}{T} = 19.0985 mm$   
 $\Rightarrow$  pitch diameter of pulley

2L+dp => L=(L7-dp)/2 total length required =

+ I have of work.	_		
	+ 1 have of note		
	1 100 1 21 32 1		