The final decision is 5M HTD pulley(sprocket) with ratio 72:18 for 9mm belt

72 tooth pully:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | Price | Comment |
| 1 | A 6A25M072NF0912 | http://shop.sdp-si.com/catalog/product/?id=A%206A25M072NF0912 | $37.08 | No Flange/With Hub |
| 2 | 72-5M-9 HTD Pulley Pilot Bore | https://www.ptparts.com.au/products/category/EOMIHUNJ-5mm-htd-series-timing-pulleys/-12-5M-09--5m-9-htd-timing-pulleys | AU$49.19 |  |
| 3 | ebay | 72 Teeth, 9mm Belt Width 5M HTD Timing Pulley Pilot Bore 72-5M-9PB - Al | AU $136.49 | From China |
| 4 | ebay | 72-5M-09 Pilot Bore 5m HTD Timing Belt Pulley - 72 Tooth x 9mm Wide | AU $55.23 | From UK |
| 5 | 72-5M-9PB - Al | https://www.aimsindustrial.com.au/72-teeth-9mm-belt-width-5m-htd-timing-pulley-pilot?gclid=Cj0KCQiA3NX\_BRDQARIsALA3fIImDeCy8k3rwxVpgsvga2igHmL4iJWo52ZZW\_yaFbgxGZTjUOXj7YAaAmI5EALw\_wcB | $136.49 |  |
| 6 | Taobao | Shenzhen Huanan | <AU$20 |  |
| 7 | Taobao | JiFa Industry | <AU$20 | Fully customized |
| 8 | Taobao | slpu | <AU$20 | Fully customized |