

## Taper-Lock sprockets and bushings

PolyChain GT2 sprockets are designed to carry hefty power loads utilizing the robust, industry-proven Taper-Lock bushing system. This keeps the sprocket hubs narrow so the length-thru-bore dimension is kept to a minimum. Sprockets will fit on short shafts, with room to spare. The left-justified hub design allows shaft mounting close to bearings, keeping the center of load dimension small preventing issues with high overhung loads.



### Advantages of Taper-Lock bushings include:

- True running, concentric
- Easy installation and removal
- Allows compact sprocket hub designs
- Short length-thru-bore dimensions
- Flush mount with no protruding flanges

Installs with less axial sprocket movement than other bushing systems

### Stainless steel & nickel plated

Gates Poly Chain GT2 sprockets and bushings are manufactured and stocked in stainless steel and nickel-plated constructions for applications requiring clean operating environments or frequent washdowns such as food processing.

### Made-to-order sprockets

For unique or unusual sprocket requirements, Gates can manufacture to your requirements. From specialist materials and bores, to dual or triple sprockets. Gates made to order capacity is virtually endless. Fast and accurate responses with an overall drive system solution.

Contact [gatestech@gates.com](mailto:gatestech@gates.com)

**Long-length open-ended** Poly Chain GT2 drive systems are available with long-length open-end belting for linear movement and precision positioning applications such as mechanical handling, packaging, robotics, x-y coordinate machines and printing equipment.