

# FEATURES/BENEFITS

## DODGE HT200 DRIVES

### High Torque Synchronous Belt Drives

- 200% Rating of HTD
- Quieter Operation
- More Compact
- 8MM & 14MM Pitch

### Plus all the benefits of standard HTD Drives:

- Positive, non-slip drive
- No lubrication required
- Non-stretch
- Corrosion resistant
- Abrasion resistant
- Virtually no backlash
- Clean operation
- Long life
- Low maintenance

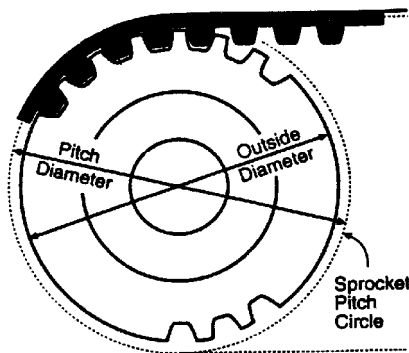


### THE TECHNOLOGY OF HT200 PERFORMANCE Advanced Tooth Profile Design

- Optimizes distribution of load forces between belt and sprocket.
- Improves dynamic efficiency between sprocket and belt.
- Increases torque capacity.
- Allows more compact, narrower drive.
- Operates more quietly.

### New Belt Construction

- Tougher Chloroprene rubber resists tooth shear, increases load capacity.
- Strong, stretch-resistant tensile cords.
- Tough, wear-resistant nylon tooth facing keeps friction low, protects from wear.



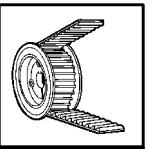
### HT150: High Capacity

- 150% rating of HTD.
- Quieter Operation.
- More Compact.
- Use HT TAPER-LOCK Sprockets.
- Competitively priced vs. other 2nd generation drives of equal rating.

### HT200: The Next Level

- 200% rating at HTD
- New Belt Construction
- Compact Design
- Uses HT TAPER-LOCK Sprockets
- Competitively Priced

# FEATURES/BENEFITS



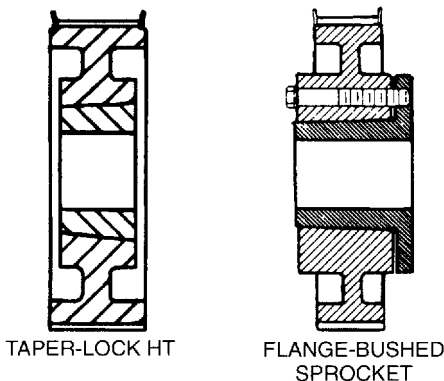
## DODGE HT200 DRIVES



### HT TAPER-LOCK Sprockets

- **Torque Rated:** Shaft gripping strength to meet the higher demands of the 200% rating of HT200 Belts.
- **Compatible:** Accepts HT200, HT150, HT100, or standard HTD belts.
- **Compact:** Save shaft space with compact TAPER-LOCK design.
- **Reduce Overhung Load:** Compact design allows closer mounting to motor or reducer bearings. Improves bearing life, reduces maintenance costs.

### TAPER-LOCK THE Compact Synchronous Drive



Compact TAPER-LOCK design takes up less shaft space than narrow width belts or products using flanged style bushing. The result is a more compact, economical synchronous drive.

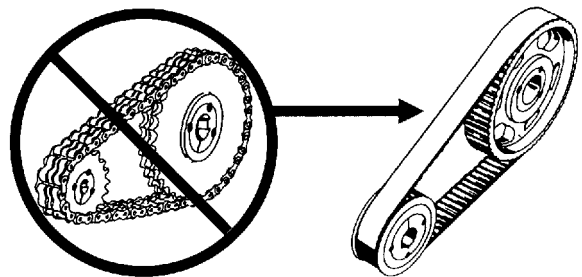


### DODGE QD HTD Sprockets

- Rated for capacity of standard HTD belts.
- Compatible with HT100 or standard HTD belts.
- Can run HT150 belts at HT100 rating.
- Use HT150 or HT100 belts for quieter operation than with HTD belts.

**Caution:** Standard QD style HTD sprockets manufactured by DODGE or by others may not have the torque capacity for the higher-rated HT200 belts. HT TAPER-LOCK sprockets from DODGE are designed to handle the higher loads.

### Upgrade Roller Chain Drives to DODGE HT200



- **Clean:** No lubrication required. No messy oil drips or spills.
- **Quiet:** No metal-to-metal contact.
- **Smooth Operation:** No chordal action of chain drive that results in vibration and speed variation.
- **Economical Drive Guard:** Basic enclosed or ventilated guard will suffice. Oil seals, filler and drain plugs not required.