

# Dana® Spicer® Torsionally Tuned-40® Tandem Drive Axles

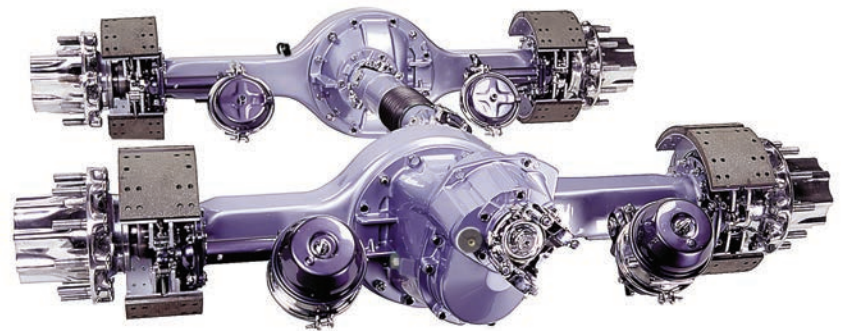


**SPICER®**  
Drivetrain Products

DST40  
DST41  
40,000 lbs. [19,958 kg]

## The Spicer® Drivetrain Torsional-Reduction Tandem Drive Axle

Specially “Tuned” and designed to significantly reduce damaging driveline torsionals that can destroy many drivetrain components.



*Torsionally Tuned-40®*

### Features:

- Innovative combination of hypoid and spiral bevel gearing significantly reduces excessive inter-axle driveline angles.
- Eliminates need for “broken-back” axle set-up in air-ride suspensions.
- Keeps driveline torsional accelerations well below acceptable limits at the full-range of ride heights.
- Promotes parallel axle installation with common suspension seat brackets.
- Less vehicle vibration and improved ride characteristics.
- Several patented design features.
- 500,000 mile lube drain interval with approved synthetic lube and oil bath seal or LMS™ Hub System for linehaul applications.
- Fast-fade, high strength, axle housing designed for today’s airride suspensions.
- Patented Flow-Thru™ lube system to maximize lubrication flow in the most demanding applications.
- Backed by comprehensive Dana® service support, the best in the business.

### Low Cost of Operation Features:

- Exclusive Micro-Lip seal and slinger system keeps lube in and contamination out.
- Patented no maintenance axle venting system.
- No costly external lube filters to be damaged, maintained, or replaced.
- Driver controlled full wheel differential lock on forward axle provides positive traction over slippery or uneven surfaces.
- Powerful “gerotor” style lube pump system for added protection in severe service operations.
- Premium LMS™ Hub System virtually eliminates wheel seal failures and bearing adjustment.

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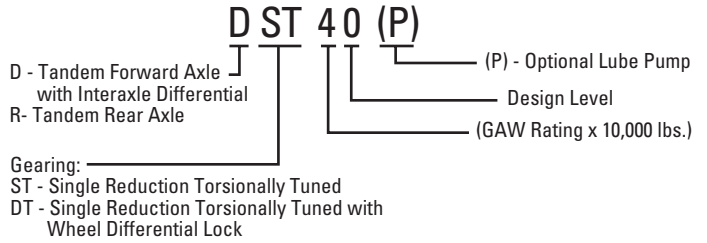
## GAW Ratings:

MODELS	GAWR	HOUSING THICKNESS
DST40-(P)	40,000 lbs.	.37 in. [9.5 mm]
DST41-(P)	40,000 lbs.	.43 in. [11.0 mm]

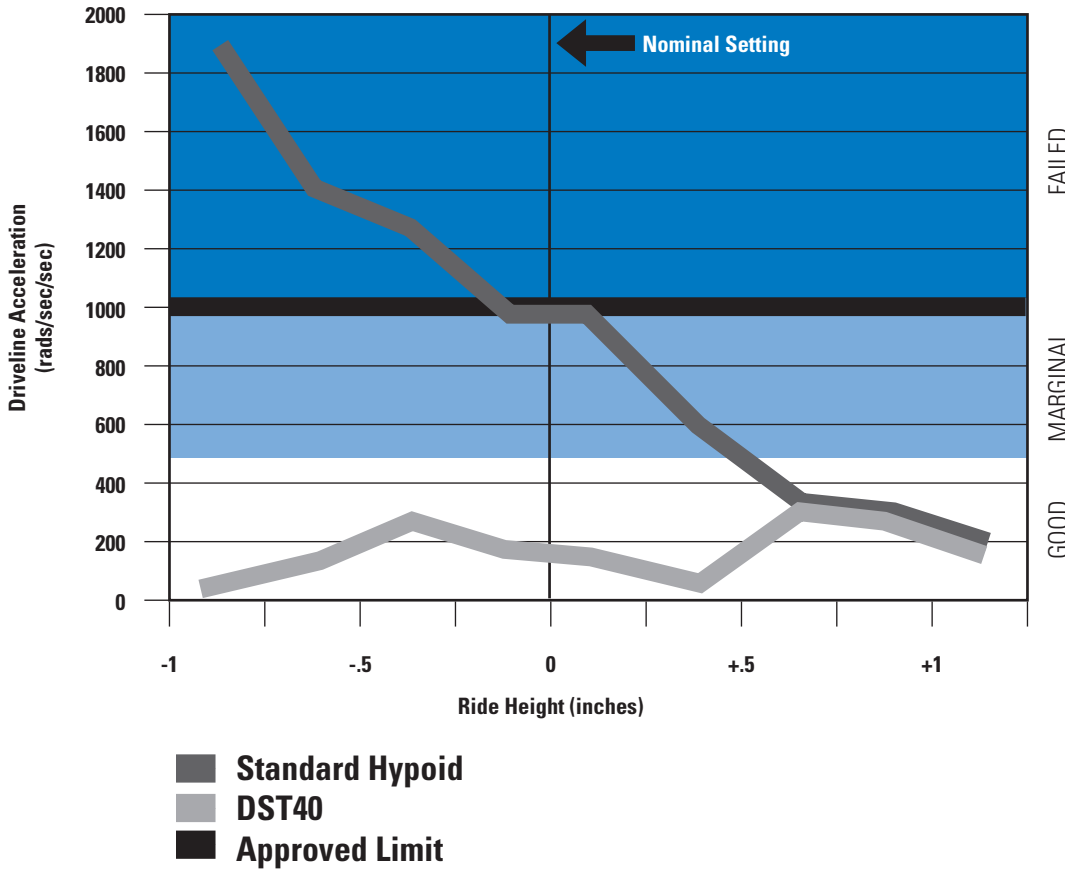
## Available Ratios:

2.64, 2.93, 3.08, 3.25, 3.36, 3.55, 3.70, 3.90, 4.11, 4.33

## Model Identification:



## Driveline Acceleration Results



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