

# Spicer® D-Series Steer Axles

D-1001, D-1251L, D-1321L, D-1461

Improved stopping power and lower maintenance  
with significant weight savings

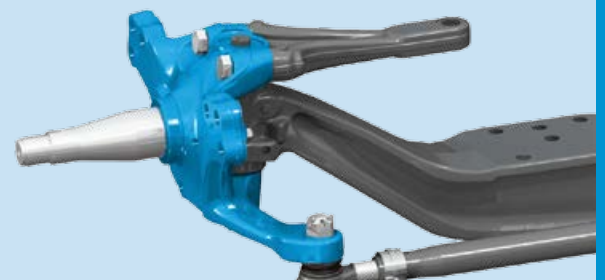


**SPICER®**

Drivetrain Products



New Spicer® D-Series steer axles feature an **integrated air disc brake knuckle** to provide unmatched performance for applications with gross axle weight ratings from 10,000 to 14,600 pounds.



# Spicer® D-Series Steer Axles

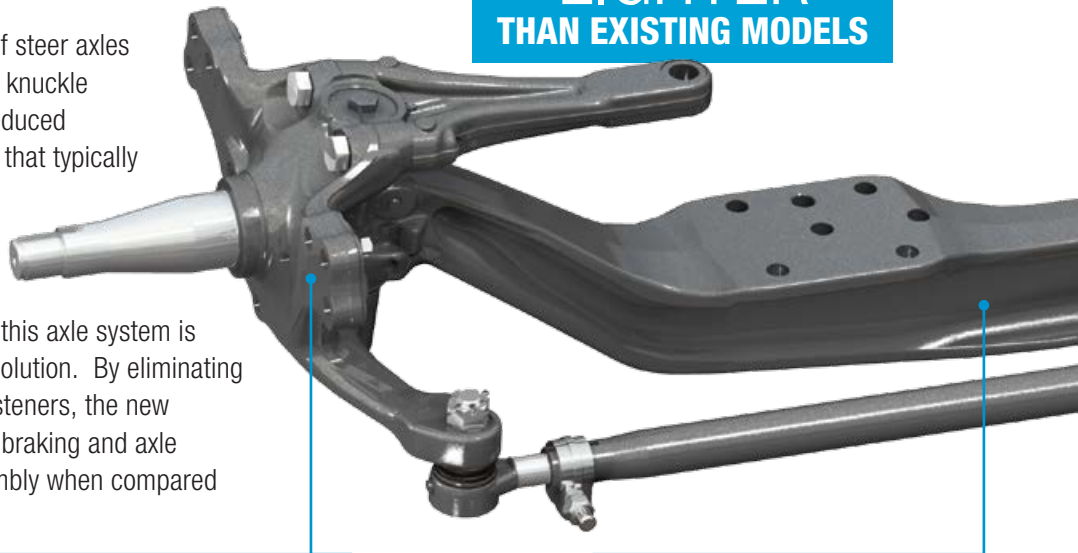
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Major weight reductions and optimal performance for air disc brake applications.

The innovative, new Spicer® D-Series line of steer axles features an integrated air disc brake (IADB) knuckle for improved vehicle stopping power and reduced maintenance without a net weight increase that typically comes with specifying air disc brakes.

Available in both standard and wide beam widths for applications with gross axle weight ratings from 10,000 to 14,600 lbs., this axle system is up to 76 pounds lighter\* than the existing solution. By eliminating the separate torque plate and additional fasteners, the new IADB feature maximizes the integrity of the braking and axle systems and significantly lowers axle assembly when compared with most S-cam drum brake axle systems.

**UP TO  
76 POUNDS  
LIGHTER\*  
THAN EXISTING MODELS**



**IADB knuckle eliminates separate torque plate and fasteners**

**Lightweight beam available in standard and wide beam widths**



*Integrated air disc brake knuckle eliminates parts to maximize the integrity of the braking system and simplify assembly.*



*Two drawkey kingpin retention improves durability and camber alignment while reducing tire wear and maintenance.*



*Tie rod end featuring sealed boot and patented grease purge valve reduces contaminants to increase life.*

Features	Benefits
Integral air disc brake knuckle	Improved, condensed design
One-piece forged design includes tie rod arm, torque plate, and spindle	Forged knuckle reliability for turn angles up to 55°
Large diameter kingpin with 15 percent larger bushing area	Greater durability and reduced maintenance
Kingpin joint sealed thrust bearings with compressible inserts	Superior strength, lower service
Standard and wide beam widths	Enhanced maneuverability
Available with lightweight beam	More efficient, lowers axle assembly weight

### Maintain compatibility with:

- 55° maximum turn angle
- Spicer® LMS®/LMSi Hub
- ABS Sensor
- Bendix ADB22X brake



\*Versus standard E-1322 steer axle.

### Dana Commercial Vehicle Driveline Technologies

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### Application Policy

Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.