

**SPICER®**



Spicer Life Series® Commercial Vehicle

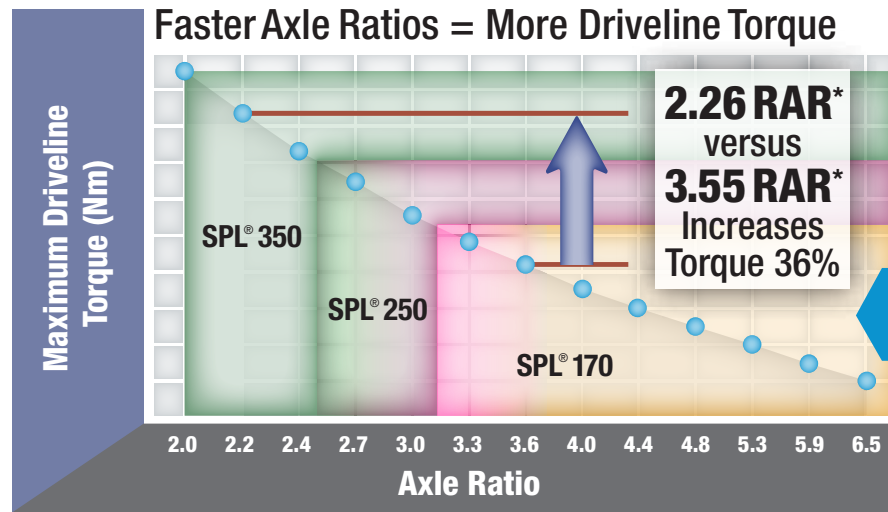
# Universal Joints



## Engineering Driveshafts for Lower RPMs

Spicer Life® Series u-joints are engineered, tested and proven to meet the torque demands being placed on the drivetrains. While engine downspeeding offers increased fuel economy and decreased emissions, the **faster axle ratios** needed to accommodate the **lower RPMs** result in **additional torque** in the drivetrain, placing much **higher stresses** on the main driveshaft, axles, and inter-axle shaft.

\* RAR = Rear Axle Ratio

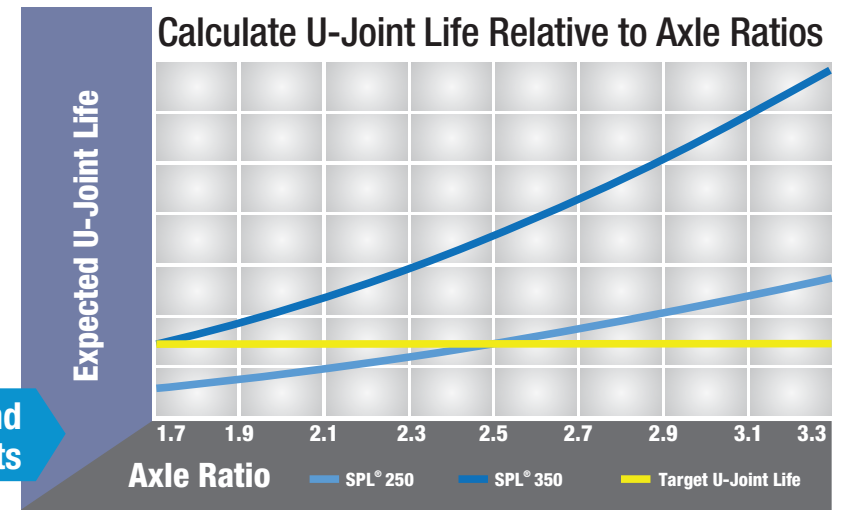


The Impact of Axle Ratios on Driveline Torque

Lower Engine Speeds Demand the Most Durable U-Joints

## SPL® 350 U-Joint Puts the Life into Dowspeeding Applications

The *right* driveshaft and inter-axle shafts with **robust and durable components** can **handle the added input torque** with even **greater reliability**. That's why Dana engineered the **Spicer Life® Series** with an exclusive design that **accommodates faster axle ratios** without sacrificing life.



Better performance. Longer life. Lower operating costs. **We've set the standard – so you can enjoy the advantages.**

## Spicer Life® Series U-Joints and Driveshafts—There is No Substitute!

The Spicer® family of heavy-duty u-joints extends the life of the drivetrain and can eliminate restrictions on engine speed and torque in today's Class 8 linehaul and vocational vehicles. Spicer Life® Series of u-joints are equipped with **High Power Density™ (HPD™)**

features which deliver higher torque, a smaller package, and a longer life while working with the entire powertrain system to maximize reliability and efficiency. Spicer driveshafts also feature a service-free option to save you money and add convenience.

Benefits
Optimal torque carrying capacity to meet the vehicle demands
Service-free option provides a maintenance-free product
Dana support provides cutting-edge information and superior under-the-vehicle knowledge
Smaller packaging allows for greater flexibility among driveshaft configurations
Industry leader providing broadest range of products to meet your requirements

The Spicer® Trio of Driveline Solutions

**TESTED, PROVEN, TRUSTED, AND SPECIFIED.**



**SPL® 170**  
Torque capacity:  
12,538 ft.-lb.  
[17,000 Nm]

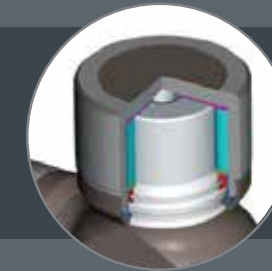


**SPL® 250**  
Torque capacity:  
18,439 ft.-lb.  
[25,000 Nm]



**SPL® 350**  
Torque capacity:  
25,815 ft.-lb.  
[35,000 Nm]

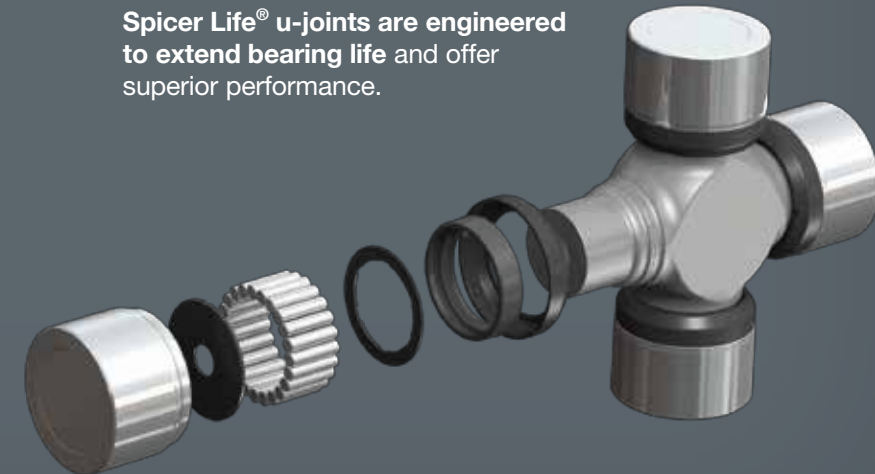
## Features and Options

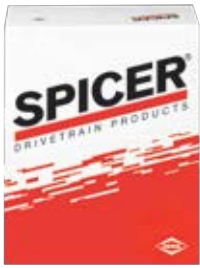


**Optional permanently lubricated U-joint** with extended warranty requires no lubrication for the life of the product.



Spicer Life® u-joints are engineered to extend bearing life and offer superior performance.





## Spicer U-joints Outperform the Competition!

Check out the performance of our automotive, passenger car and tight truck u-joints. There is no substitute for Spicer.<sup>®</sup>

**SPICER**  
DRIVETRAIN PRODUCTS

**Spicer U-Joints Outperformed the Competition**

**Make the Best.** Over once again, the Spicer name has been recognized as the most trusted in the industry. Spicer U-joints incorporate the latest manufacturing processes to deliver a joint that meets the specific demands of your application.

to minimize operating costs and reduce maintenance. Spicer U-joints are consistently better.

on heat treating, case hardening Spicer Life Series<sup>®</sup> U-joints.

**Bearing Caps**

Heat treated for strength, precision-ground and case-hardened for durability.

Remember to check for your universal joints. Choose from a greaseable joint, which is pre-lubricated for

to ensure a longer service life. Spicer Life Series<sup>®</sup> U-joints are available in greaseable and sealed for life (non-greaseable) versions.

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**Spicer<sup>®</sup> 10 Series U-Joints**

- Spicer<sup>®</sup> 10 Series U-joints are the standard for premium performance in the commercial segment.
- OE engineering and field testing experience is why the Spicer brand is the most trusted in the industry.
- Forged with high-quality steel, Spicer U-joints are heat-treated and case-hardened with precision to very specific levels, ensuring optimal strength and durability.
- The process of precision grinding the yoke and bearing surfaces helps to improve the life of the yoke and bearing.
- Zerk fittings allow for relubricating at regular intervals to help extend the life of the part.



**SPICER<sup>®</sup>**

