



## SPICER LITE® DRIVESHAFTS

### THE ALUMINUM DRIVESHAFT OF CHOICE FOR LIGHTWEIGHT, WINNING PERFORMANCE

Get the same superior level of performance chosen for numerous innovative industry and automotive designs with Spicer Lite® Aluminum driveshafts. We're here to be your partner—from concept to design to delivery—in meeting your performance goals, worldwide. And an important part of that commitment is understanding and providing the value drivers shaping today's global marketplace, including speed to market, weight, strength and durability, NVH (noise, vibration, harshness), design for environment, and alternative fuel vehicles.

#### *Industry Leadership*

Spicer was the first to design, manufacture and supply aluminum driveshafts to both light and heavy duty vehicular markets. For more than a decade, we have remained a leader in innovative aluminum driveshaft design, delivering hundreds of thousands of Spicer Lite assemblies annually to the automotive industry.

#### *Smoother Operation*

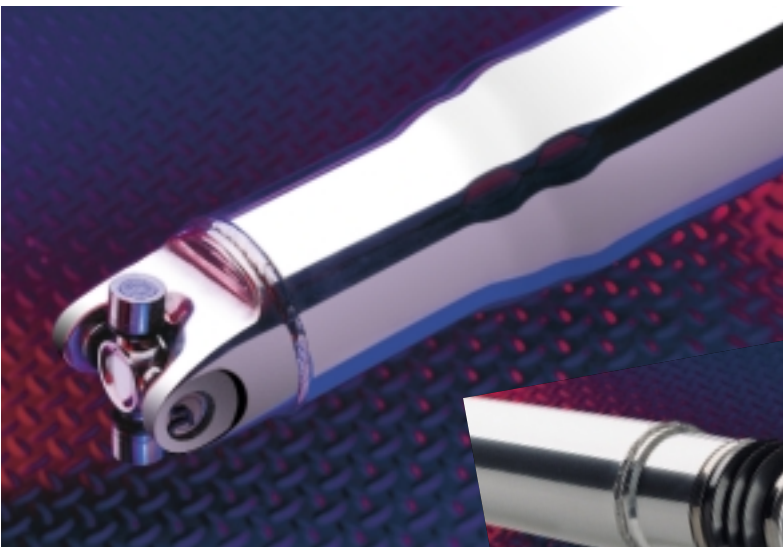
Because aluminum driveshafts have less rotational mass than comparable steel driveshafts, they deliver improved throttle response—a must-have benefit for motorsports performance car designers and enthusiasts. They also provide higher powertrain bending stiffness for smoother operation and reduced NVH.

#### *Design Flexibility*

Spicer engineers have developed alternative Spicer Lite assembly packages for enhanced design flexibility. Spicer Lite driveshafts are available with aluminum sleeves and midship splines, yoke shafts and tube sleeves, reverse slip applications, patented swaged tubing, cardan universal joints, and rubber jurid coupling devices.

#### *Improved Fuel Economy*

Without sacrificing strength, Spicer Lite driveshafts are 40% lighter than their steel counterparts. Less rotating weight means improved fleet CAFE performance and offers significant static and dynamic weight advantages.



*Spicer holds a significant patent on aluminum driveshaft tube swaging technology.*



Spicer Lite®

## CONTACT INFORMATION

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### QS-9000 Certified

Spicer Driveshaft Division...  
 Dedicated to Total Quality  
 and Continuous Improvement.

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## SETTING THE PACE IN TECHNOLOGICAL LEADERSHIP

International Race of Champions (IROC) drivers count on the winning performance of Spicer Lite® aluminum driveshafts.

Developed with award-winning engineering and technology, Spicer Lite driveshafts continue to win racing championships for drivers including Dale Earnhardt and Al Unser, Jr.

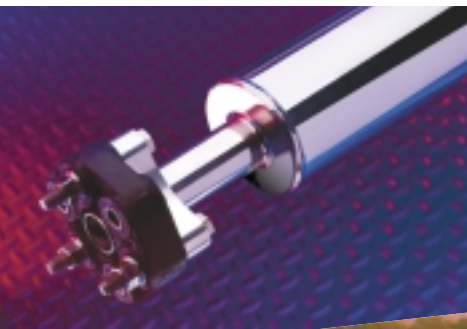


### Extended Life

Aluminum tubing is less susceptible to salt damage and resulting corrosion, ensuring more years of reliable service.

### Proven Performance

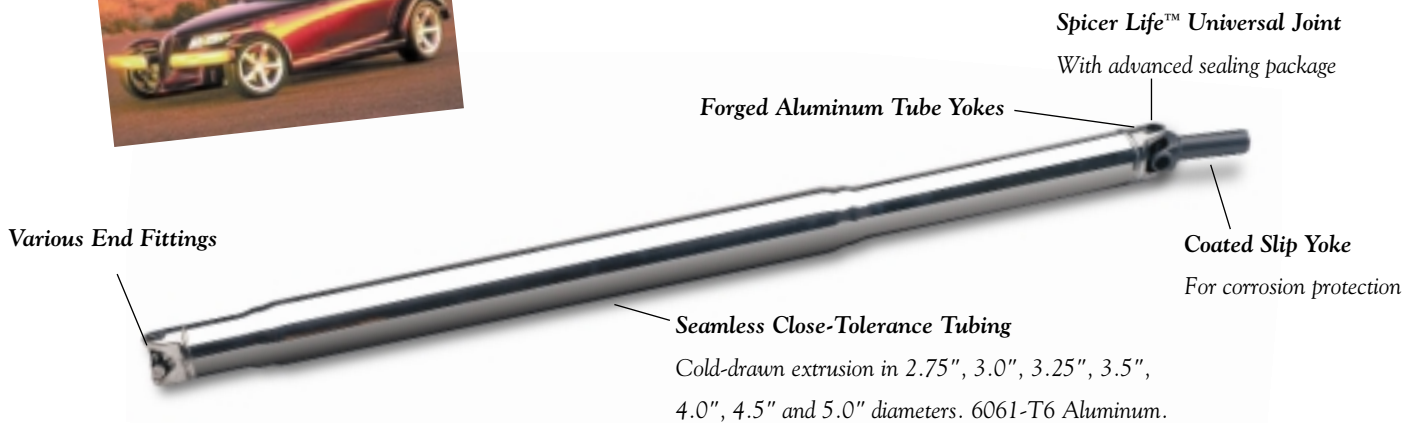
Using advanced test equipment and techniques at Spicer Driveshaft Division's World Center of Engineering and Technology, Spicer products are analyzed to maximize life, strength and durability. All of our components undergo environmental simulations as well as in-vehicle road testing.



### SPECIFICATIONS

Series	Tube Size**		Torsional Strength Minimum Elastic Limit	
	(in.)	(mm)	(ft. lbs.)	(Nm)
1310	2.75, 3.0, 3.25	70, 76, 83	1600	2170
	3.5, 3.75, 4.0	89, 102	1600	2170
1330	3.5, 4.0, 5.0	89, 102, 127	1850	2510
1350	3.5, 4.0, 5.0	89, 102, 127	2260	3036
1410	4.0, 4.5, 5.0	102, 114, 127	3662	4966

\*\* Other sizes available



AUTOMOTIVE SYSTEMS GROUP  
 WWW.SPICERDRIVESHAFT.COM



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