Spicer® Wing® Series: Performance that Begins where the Pavement Ends.

Spicer Wing bearing style driveshafts are designed for longer life, minimal maintenance, and lower operating costs. Spicer driveshafts include the most comprehensive range of wing style driveshafts available today. With torque capacities (elastic limit) ranging from 3280 Nm to more than 120600 Nm, and lubrication packages ranging from extended to permanently lubricated, Spicer has the right driveshaft to fit all your off-highway needs.

Wing® Series Identification

Wing® Series Torque by Series

## Torque by Series

<table>
<thead>
<tr>
<th>Series</th>
<th>Size</th>
<th>Torque (Nm)</th>
<th>Torque (lb-ft)</th>
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<tbody>
<tr>
<td>128060</td>
<td>10C</td>
<td>3280</td>
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<td>137060</td>
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<td>240260</td>
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<td>58000</td>
<td>41670</td>
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</table>

## Torque Control System

**Tcs – Functional Limit Torque**

This represents the maximum torque possible to be transferred through the driveshaft without any lowering in the function of the driveshaft assembly, for example:

- No yielding in any of the assembly parts
- No plastic deformation affecting the assembly negatively
- No plastic deformation on the components of the Unit Pack assembly affecting the durability negatively

**Series Identification**

**Series A**

**Series B**

**Series C**

108M40
115M50
140M60
148M70
206M80
165M85
209M90
213M100
222M110
288M120
280M220
339M140
310M230
260M150
356M160
416M170
477M180
539M200
635M220
798M240
928M260
1058M280
1290M320
1580M400
1880M500
2210M600
2580M800
3000M1000
3500M1200
4000M1400
4500M1600
5000M2000
5500M2500
6000M3000
6500M3500
7000M4000
7500M4500
8000M5000
8500M5500
9000M6000
9500M6500
10000M7000
10500M7500
11000M8000
11500M8500
12000M9000
12500M9500
13000M10000

**Legend**

- Greaseable: U-Joint
- Service-Free: U-Joint

**Spicer® Wing® Series Driveshaft Products**

Typical applications:

- Motor
- Axle
- Drive Axle
- Axle Housing
- Drive Flange
- Mid Flange
- Hub Flange
- Swing Axle
- Swing Flange
- Axle Beam
- Extension Beam
- Bolt
- Nut
- Washer
- Screw

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- Twitter
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- LinkedIn

SpicerParts.com

Spicer Aftermarket Group

PO Box 1000

Maumee, Ohio 43537

Warehouse Distributors: 1-800-621-8084

OE Dealers: 1-877-777-5360

Product information: SpicerParts.com

E-catalog and parts locator: DanaAftermarket.com
Spicer Wing® Series innovations include:

- Forged cross
- Case hardening process for strength
- Sealed slip spline system
- Triple lip seal, thrust washer, and seal guard package
- Reduced maintenance
- Increased torque capacity

Spicer Italcardano (Wing® Series)

Relubrication* Intervals

<table>
<thead>
<tr>
<th>Type of Component</th>
<th>Wing® Series Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard U-Joint Kit</td>
<td>12 months or 2,000 Duty Hours</td>
</tr>
<tr>
<td>Permanently Lubricated</td>
<td>Not Required</td>
</tr>
<tr>
<td>U-Joint Kit</td>
<td></td>
</tr>
<tr>
<td>Sliding Coupling with</td>
<td>Not Required (6 months)</td>
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<tr>
<td>Anti-Friction Coating</td>
<td></td>
</tr>
<tr>
<td>Sliding Coupling without</td>
<td>6 months or 1,000 Duty Hours</td>
</tr>
<tr>
<td>Anti-Friction Coating</td>
<td></td>
</tr>
</tbody>
</table>

*Grease for this product should follow DIN 51825-KP2-K20 Specifications

OE Service-Free U-Joint:
- Application engineered to meet the specific demands of the vehicle.
- Manufactured with premium materials and processes to ensure durability and superior performance.
- Pre-lubricated and sealed at the factory to seal out contaminants and eliminate maintenance.
- Above features extend u-joint life while lowering maintenance and operational costs.

OE U-Joint:
- Application engineered to meet the specific demands of the vehicle.
- Manufactured with premium materials and processes to ensure durability and superior performance.
- Design includes a grease fitting to allow for contaminants purge during preventative maintenance routines.

Engineering Solutions for Better Off-Highway Performance

As the world leader in drivetrains and related components, we never stop looking for better solutions. We understand the need for consistent performance and support in the off-highway world. That’s why Spicer engineers are committed to finding better ways to meet the needs of off-highway and industrial customers. With an unyielding dedication to technology and innovation, Spicer offers the most advanced, broadest range of driveline components available.

Spicer Wing® Series U-Joints

Spicer Wing-in-a-Box Kit

1. The slip yoke tube contains a welded plug.
2. The slip yoke assembly contains a state-of-the-art rubber seal.
3. The Spicer wing bearing shaft is manufactured with an involute spline, resulting in a larger surface area, better torque transfer, reduction of broken-back instances, and reduced NVH.
4. The involute spline shaft has an anti-friction coating.
5. The tube yoke is solid, preventing contamination from entering the driveshaft tubing.
6. Wing-in-a-Box kit, which includes two (2) u-joints, one (1) slip joint assembly, one (1) tube yoke, and eight (8) bolts.

Spicer’ Wing’ Series Features and Benefits

Spicer Wing® Series

Features and Benefits

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Shade Tree

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Spicer Italcardano (Wing® Series)

Relubrication* Intervals

<table>
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<tr>
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</tr>
</thead>
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<tr>
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• No plastic deformation on the components of the Unit Pack assembly affecting the durability negatively

Wing® Series Driveshaft Products

Typical applications:

SpicerParts.com  Dana Aftermarket Group
PO Box 1000 Maumee, Ohio 43537

Warehouse Distributors: 1.800.621.8084
OE Dealers: 1.877.777.5360

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<th>Size</th>
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<th>Tcs (lb. ft.)</th>
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**Wing® Series Driveshaft Products**

**Typical applications:**

- Construction
- Maintenance
- Drills, Excavators, and more