

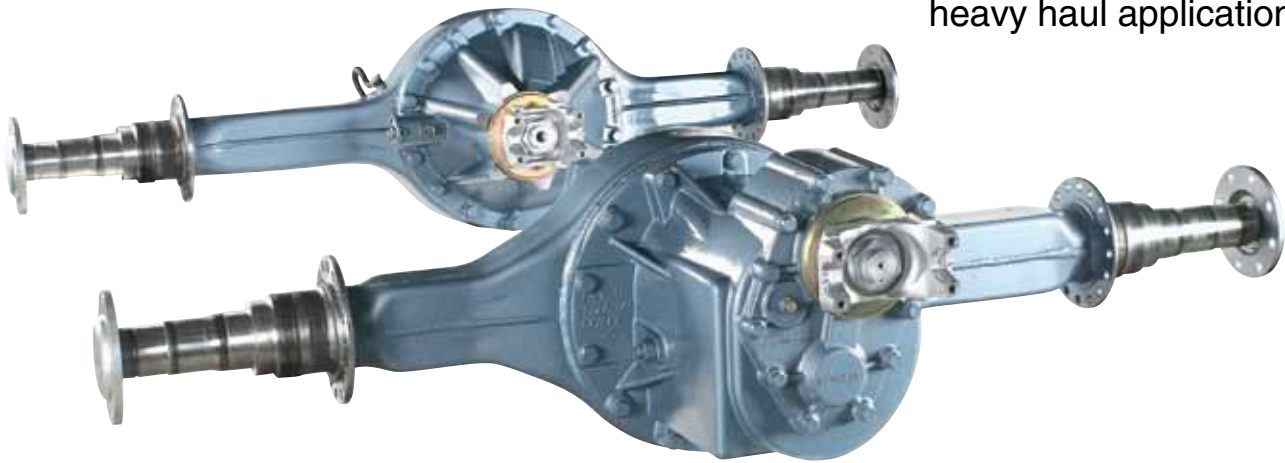
# DANA

## Spicer® Single Reduction Heavy-Duty Tandem Drive Axles

D190 Series

The family of  
heavy-duty tandems  
for applications up to  
**163.5 Tonnes GCM\***

The new D170 Series  
tandems are ideal for  
heavy haul applications.



FEATURES	BENEFITS
Ratio coverage from 3.42 through 7.17:1.	Broad ratio coverage allows maximum flexibility.
Extra wide face-width gearing.	Greater strength for added durability than previous models.
High capacity gearing and bearing system.	Durability and reliability with higher horsepower/torque engines.
On-demand high efficiency lube pump.	Added spin-out protection, lower operating temperature.
Forged, heat-treated steel differential cases.	Stronger for increased gear and bearing life.
16 large, fine-pitch, M20 bolt ring gear fasteners.	High clamp load for reliable performance.
Integrated ring gear and wheel differential mounting system.	Eliminates bolted joint for improved reliability.
Large wheel differential gearing.	Maximum strength, higher power density.
Integral pinion cage and carrier.	Added strength and eliminates a leak path.
Strongest axle housing box section in its class.	Added strength with less deflection.

**SPICER®**  
Drivetrain Products

\* 163.5 tonnes available only with written application approved by Dana.

# Spicer® D190 Series Single Reduction Tandem Drive Axles

## Specifications:

Model	GAWR (kg)	Nominal GCM (kg)*	Ratios
D52-190	23,600	155.00	3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14, 6.83, 7.17

\*Varies by application.

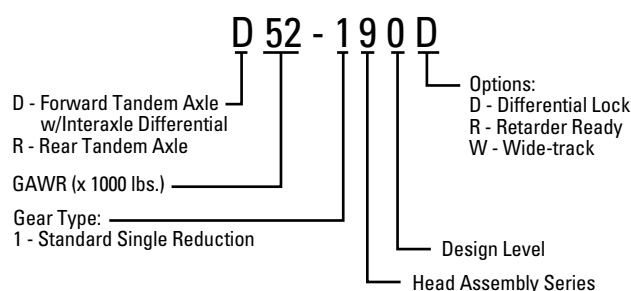
Commonly stocked ratios

Applications require Spicer Heavy Axle & Brake Division Engineering approvals.

### A full range of available options for optimal operation and durability with less required maintenance.

- Driver-controlled wheel differential lock for maximum traction. Available on both forward and rear axle.
- Wheel differential lock feature can be field retrofitted throughout the life of the vehicle.
- Patented axle breather design allows unrestricted air flow – a no maintenance feature.
- Integral welded suspension brackets for increased strength and durability.

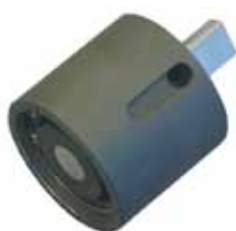
### Nomenclature:



Extra wide face-width gearing provides greater strength for increased durability at higher loads.



Larger wheel differential gearing means maximum strength and reliability over previous models.



Patented, on-demand lube pump for optimal spin-out protection without the added heat.

For spec'ing or service assistance, call (03) 9213-5555 or visit our website at [www.dana.com.au](http://www.dana.com.au)

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