

Dana Spicer® Hub Reduction Steer Drive and Rigid Drive Axles



The Proven Performance You Demand For All Your Axle Needs

The Spicer® hub reduction family of rigid and steer drive axles provides a robust, lightweight, and durable design proven in a broad range of applications throughout the world.

The superior design, manufacturing, and quality of the Spicer product line translates into lower life cycle cost for vehicle operators.

Contact a Dana representative for additional options.



Features and Benefits

Spicer® hub reduction steer drive and rigid drive axles offer a modern and proven design technology to provide premium performance on a wide range of applications.

- The steer and rigid drive axles feature spiral bevel input gears and planetary spur hub reduction gears to maximise ground clearance and halfshaft life.
- Axles are available for 4x4, 6x6, and 8x8 vehicle drive configurations.
- Axle housings are cast steel. A selection of mounting pads can be offered and positioned to the customer's requirements.
- The foremost axle features a lockable interaxle differential (third differential) as standard. Cross axle differential lock is available.
- Anti-skid braking sensors, central tyre inflation systems, and auto-adjusting brake levers are optional features.



Dana Spicer®

Hub Reduction Steer Drive and Rigid Drive Axles

Axle Type	Axle Model	Gross Axle Weight (Tonnes)	Hub Reduction Ratio	Overall Ratio Range	King Pin Angle (°)	Camber Angle (°)	Back Lock Angle (°)	Brake Type	Brake Torque	Wheel Fixing	Approximate Weight (Kg)
Steer Drive	SD66-12C-1S	12	3.86	4.32-10.09	5	1.5	42	15.5 x 6" 7" or 8" wide or 410 x 220 mm S-Cam Drum	15.5 x 8" : 20,900 Nm	M22 x 1.5 on 335 PCD	735
Steer Drive	SD66-12C-1SHF	12	3.86	4.32-10.09	5	1.5	42				850
Steer Drive	SD66-12C-1X	12	4.83	5.41-12.64	5	1.5	42				750
Steer Drive	SD66-12C-1XHF	12	4.83	5.41-12.64	5	1.5	42				865
Steer Drive	SD66H-12C-1S	12	3.86	4.32-10.09	5	1.5	42				725
Steer Drive	SD69CH-12C	6	N/A	4.51-5.10	6	0.5	48				750
Rigid Drive	D66-12C-1S	12	3.86	4.32-10.09				15.5 x 6" 7" or 8" wide or 410 x 220 mm S-Cam Drum	410 x 220 mm : 25,000 Nm	M22 x 1.5 on 335 PCD	685
Rigid Drive	D66-12C-1SHF	12	3.86	4.32-10.09							800
Rigid Drive	D66-12C-1X	12	4.83	5.41-12.64							700
Rigid Drive	D66-12C-1XHF	12	4.83	5.41-12.64							815
Rigid Drive	D94-13C-2S	13	3.6	10.33-25.8							705
Portal	D64-11BDC	13	3.765 Helical Raising Gear Ratio	4.22-7.28				410 x 220 mm S-Cam Drum	410 x 220 mm : 25,000 Nm	M22 x 1.5 on 335 PCD	850

Nomenclature: Hub Reduction Drive Axles

S	D	67	12	C	1X	A	HF
S Steer Axle	D Drive Axle	Head Assembly Series 85 Model 67 Model	Axle Housing Series	Cast Housing	Hub Reduction Type 1X - Ratio 4.833 16 - Ratio 4.000 1S - Ratio 3.857	Options T - Twin Tyres A - CTI Ready	Options H - Helical Gears F - Foremost Axle (Tandem Front)

For more information, contact: www.dana.com/commercial_vehicle_systems



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