

SPICER®



Made in
USA

Spicer Ring & Pinion

Gearing

for the



60™





Engineered for Longer Life and a Smoother Ride in Your Dana 60™ Axle.

Dana uses statistically controlled processes to deliver the same durability and performance you get from original equipment parts—a claim that non-genuine parts cannot make. In manufacturing Spicer 3-axis gearing, these processes ensure precise mating of the gear teeth and can double the life of the part. Less noise. Longer life. Why settle for anything less than Spicer in your Dana 60 axle?

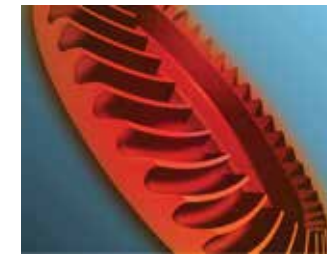
Get the Most out of Your Dana 60 Axle. Trust Spicer® Gearing.

What makes Spicer gearing the right choice for your vehicle? We employ a battery of statistically controlled processes throughout the manufacturing of Spicer parts, from heat treatment that delivers optimal hardness to face hobbing for ideal accuracy of gear tooth spacing to shot peening that helps ensure maximum strength and life. Only Spicer gearing is engineered to meet the specific original equipment standards of Dana, so you get a perfect fit with less noise, vibration and harshness. With Spicer gearing, you get a longer life from your ring and pinion—up to double the life you would get from non-genuine parts! Bearing/Overhaul and other kits are also available.



Strong. Durable. Quiet. Easy to Set Up.

Dana design, engineering, testing and manufacturing processes all work in conjunction with one another to ensure unparalleled performance that non-genuine parts simply cannot deliver. Spicer gearing offers the easiest possible set-up, a quieter ride and strength that cannot be beaten. Spicer 3-axis gears are manufactured using a 2-cut continuous process, in which the workpiece/gear and the tooling are continuously turning. The ring gear is fully machined on one machine, the pinion on another. Unlike 2-axis gearing, which uses a 5-cut milling process in which the ring gear is set up in two machines and the pinion is set up and machined in three different machines, which allows for inconsistent tooth spacing. 3-axis gearing produces lower indexing errors and provides the flexibility needed to create the desired gear tooth geometry. Check out the other processes we employ below, all of which help provide Spicer quality.



Heat Treatment

- Ensures optimal hardness in Spicer's top-quality steel
- Creates dispersion throughout the part
- Holds back-face runout to very tight tolerances



Face Hobbing

- Cuts gearing to precision spacing between gear teeth
- Ensures continuous indexing so teeth are constantly mated
- Significantly reduces noise, vibration and harshness
- Delivers the smoothest possible ride



Shot Peening

- Adds compressive residual stresses (work hardening) into the root of the gear tooth by shooting controlled micro-beads of steel at the root of the tooth
- Doubles the fatigue life of the gear
- Improves gear set durability



Lapping

- Removes tool cutter marks from tooth contact area
- Reduces noise and heat
- Produces a better contact pattern

Spicer Part #	Non-genuine Part #	Ratio	Pinion						Ring Gear					
			Stem Length	Inner Brg. Diameter	Outer Brg. Diameter	Mounting Depth	Spline	Thread Size	Bolt Circle	Bolt Thread	Mounting Depth	Pilot	O.D.	Case Break
24813X	D60-354	3.54	7.656	1.6262	1.2502	5.000	1.248-29t	.875-14	7.500	.500-20 (12)	2.531	6.375	9.792	4.10 down
76089X	D60-373	3.73	7.656	1.6262	1.2502	5.000	1.248-29t	.875-14	7.500	.500-20 (12)	2.531	6.375	9.820	4.10 down
76047X	D60-411	4.10	7.656	1.6262	1.2502	5.000	1.248-29t	.875-14	7.500	.500-20 (12)	2.531	6.375	9.833	4.10 down
70907X	D60-456	4.56	7.656	1.6262	1.2502	5.000	1.248-29t	.875-14	7.500	.500-20 (12)	2.531	6.375	9.547	4.56 up
2019214	D60-488	4.88	7.656	1.6262	1.2502	5.000	1.248-29t	.875-14	7.500	.500-20 (12)	2.531	6.375	9.779	4.56 up
2019217	D60-513	5.13	7.656	1.6262	1.2502	5.000	1.248-29t	.875-14	7.500	.500-20 (12)	2.531	6.375	9.792	4.56 up
84677	D60-538	5.38	7.656	1.6262	1.2502	5.000	1.248-29t	.875-14	7.500	.500-20 (12)	2.343	6.375	9.901	4.56 up
25784X	D60-586	5.86	7.656	1.6262	1.2502	5.000	1.248-29t	.875-14	7.500	.500-20 (12)	2.343	6.375	9.769	4.56 up
26628X	D60-617	6.17	7.656	1.6262	1.2502	5.000	1.248-29t	.875-14	7.500	.500-20 (12)	2.343	6.375	9.767	4.56 up
26756X	D60-717	7.17	7.656	1.6262	1.2502	5.000	1.248-29t	.875-14a	7.500	.500-20 (12)	2.343	6.375	9.762	4.56 up

Some ratios may differ slightly from listings.

Spicer Gearing—Trusted for the Dana 60™ Axle.

The Dana 60 axle provides strength that is ideal for the most demanding applications, and Spicer® ring and pinion gearing ensures a perfect fit over the long haul. In addition, the Dana 60 axle is the first choice for off-road vehicles, rock crawlers and street rods, as well as towing applications.



Made in USA 



Rock Crawlers



Street Rods



Off-road Vehicles



Truck Towing and Trailers

Spicer. As Tough on Our Parts as You Are.

Get the benefits of precision-machined gearing for your Dana 60 axle—a smoother, quieter ride and up to double the life of non-genuine parts.

SPICER®



Discover other performance driveline & axles on our website.