

9" FORD SPOOLS



53140

53133

53127

The MW 9" Ford standard and scalloped light weight steel spools are produced from 4140 alloy steel forgings and CNC machined to extremely tight tolerances. All steel spools are thru hardened using our in-house austempering heat treating process. This exclusive process produces a reliable, highly ductile, quality spool. MW aluminum spools are produced from 7075 forgings and hard coat anodized for durability. The bearing journals and ring gear flange on all spools are CNC ground on special fixtures that ensure perfect concentricity with the axle spline and near zero ring gear run-out.

Standard Weight Spools

53139	9" Ford Standard Spool	.269.00
<i>Stock type 28-spline, weight 10 lbs.</i>		
53144	9" Ford Standard Spool	.269.00
<i>Stock type 31-spline, weight 11 lbs.</i>		
53140	9" Ford Standard Spool	.269.00
<i>MW 35-spline for stock case, 2.893" or 3.062" bore, 11lbs.</i>		
53146	9" Ford Standard Spool	.269.00
<i>MW 35-spline 3.25" case, weight 12 lbs.</i>		
53136	9" Ford Standard Spool	.269.00
<i>MW 40-spline, requires 3.250" bore case and large bore wheel bearing with proper housing ends. weight 11 lbs.</i>		

Light Weight Spools

53145	9" Ford Light Weight Spool	.318.00
<i>MW 35-spline, L/W milled for stock case, 2.983" or 3.062" bore, weight 8.75 lbs.</i>		
53148	9" Ford Light Weight Spool	.318.00
<i>M-W 35-spline, L/W milled 3.250" case, weight 9 lbs.</i>		
53125	9" Ford Light Weight Spool	.318.00
<i>Light weight profile milled steel spool (40 spline), 3.812 bearings with 1/2" ring gear bolts, 3.812" case, 10 lbs</i>		

53137	9" Ford Light Weight Spool	.318.00
<i>MW 40-spline, L/W milled, 3.250" bore case, large bore wheel brgs and proper housing ends are required, weight 8.5 lbs</i>		
53127	9" Ford Light Weight Spool	.318.00
<i>Light weight profile milled steel spool (40 spline), 3.812 bearings, 7/16" ring gear bolts, 3.812" case, 10 lbs.</i>		
53138	9" Ford Light Weight Spool	.318.00
<i>Summers type 35-spl., L/W milled, weight 9 lbs. (Dana spline)</i>		
53147	9" Ford Light Weight Spool	.318.00
<i>Strange type 35-spline, (Dana spline) weight 9 lbs.</i>		

Aluminum Spools

53128	9" Ford Aluminum Spool	.225.00
<i>Stock 28 spline, weight 5.0 lbs.</i>		
53123	9" Ford Aluminum Spool	.225.00
<i>Stock 31 spline, weight 4.9 lbs</i>		
53135	9" Ford Aluminum Spool	.366.00
<i>Aluminum spool (35 spline), requires 3.250" bore case weight 4.9 lbs.</i>		
53133	9" Ford Aluminum Spool	.366.00
<i>Aluminum spool (40 spline), 3.812" bearings. Requires 3.812 bore case, 57448 weight 5.5 lbs.</i>		
53149	9" Ford Aluminum Spool	.366.00
<i>For Strange 35-spline axles.</i>		

9" FORD LOCKERS & POSI-TRACTION

The 9" Ford has several ways to go when an increased traction differential is required. Mark Williams stocks several different types, the Detroit Locker, the Truetrac®, the DPI Gold Track and the Ford Clutch Posi.

DETROIT LOCKER® is offered for popular 9" Ford applications (28, 31, and 35-spline). These units are designed to provide power to both wheels even in those situations where one tire loses traction. Detroit lockers will also compensate for differences in wheel speed when turning corners by letting the wheel with the larger turning radius overrun and unlock from the other wheel. The 35 spline unit is popular for Pro-Street application, requiring a large axle spline and can be used for drag racing.

TRUETRAC® OR GOLD TRACK® differentials do not use friction plates, but rather the wedging action of separating spiral pinion gears. This type of differential is unique in that it increases traction, but does not affect the steering, and there are no friction plates to wear. It allows normal differentiation without adverse effect on steering, or chattering when cornering. Only when there is a loss of traction, will power transfer occur. The worm drive differential offers moderate strength.

CLUTCH POSI-TRACTION are the most common and are used in the original rears. Smooth quiet action relies on spring pressure and friction in the clutch plates to increase driving traction. Quietest for street rod applications.



187S-35C

57311

187S-35C

187S-13A	9" Ford 28 spline Detroit Locker®	.650.00	187S-35C	9" Ford 35 spline Locker	.713.34
<i>187S-17B 9" Ford 31 spline Detroit Locker® .710.94</i>			<i>Nodular iron housing. Requires 3.250" bore case.</i>		
<i>187S-35S 9" Ford 35 spline Locker .966.24</i>			<i>57311 9" Ford Posi Unit (31 spline) .475.00</i>		
<i>Billet steel housing. Requires 3.250" bore case.</i>			<i>Clutch type posi-traction (Motorsports type).</i>		

