

Solution Number: 71033**Solution Summary: Golf Reel Mowers - Minimum reel diameter spec****Publication Date: Nov 10 2010**

****Paper copies of solutions may not be the most current solutions****

Complaint or Symptom :

Cannot find a published spec for the minimum reel diameter when a reel needs replacing.

Problem or Situation :

Spec is not published.

Solution :

Table shows original diameter and minimum diameter for various reels.

Nominal Reel Size	Original Reel Diameter	Minimum Reel Diameter
8	8 inches (203.2 mm)	7.25 inches (184.2 mm)
7	7 inches (177.8 mm)	6.25 inches (158.8 mm)
5	5 inches (127 mm)	4.4 inches (111.8 mm)

Once the reel reaches the specified minimum diameter, the heat treatment begins dropping rapidly and reel replacement is recommended.

Additional Information :

Proper cutting unit adjustment and maintenance will prolong reel life. Factory recommendations:

- Relief grind with a 20 degree relief angle.
- Spin grind after relief grinding for sharpness.
- Backlapping between grindings, as needed depending on operating conditions, to maintain the cutting edges on both reels and bedknives.
- Clearance between reel and bedknife adjusted to 0.001-0.002 inch (0.025-0.051 mm) on all cutting units

3235, 180SL, 3215, 260SL, 220SL, 8000 E-Cut Hybrid, 220A, 220 E-Cut Hybrid, 220B, 220C, 260B, 2500E Hybrid Dsl, 260C, 7200, 2500 Gas, 7500, 3215A, 3215B, 2653A, 7700, 2653B, 3225B, 3235A, 3235B, 3225C, 2653, 3235C, 7500 E-Cut Hybrid, 8500 E-Cut Hybrid, 2500E Hybrid Gas, 2500 Diesel,