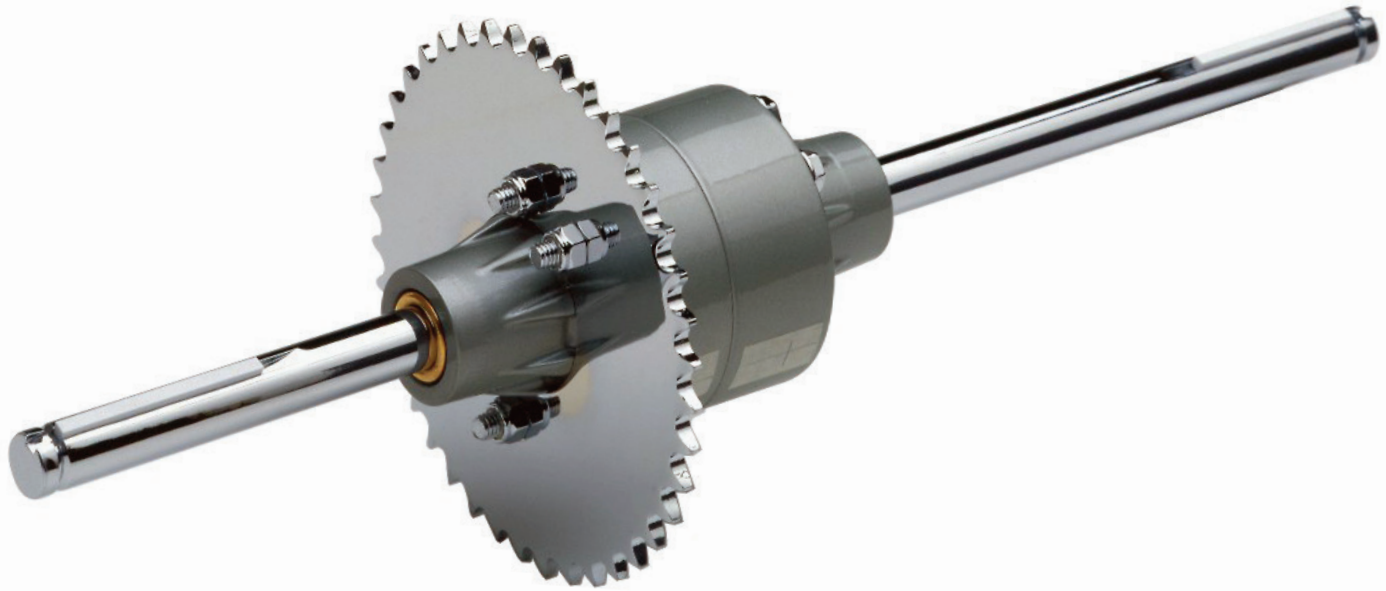


# PEERLESS® GEAR

Your Transmission Solution

Made in the USA Since 1945



# 100 Series Differentials

**Driving Choice. Delivering Dependability.**

All Peerless products are supported by a global dealer/distributor network of 12,000+ locations providing convenient worldwide service.

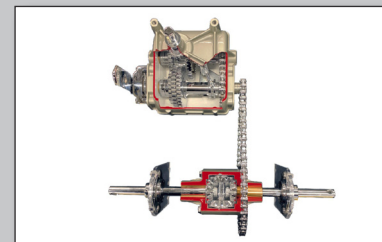
**PEERLESS GEAR**  
1555 S. Jackson St.  
Salem, IN 47167 USA

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US Engineering 812-883-7960  
US Sales 812-883-7979

International Sales  
& Engineering  
0044 7889 668531

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# 100 Series Differentials



## PEERLESS® GEAR

Your Transmission Solution  
Made in the USA Since 1945

### Technical Specs

#### Output Torque

150 ft. lbs. (203.4 N-m)

#### Axle

3/4" (19.05 mm)

1" (25.4 mm)

#### Tire Diameter

18" (457.2 mm)

20" (508.0 mm)

#### Weight on Differential

400 lbs. (181.5 kg) –

3/4" (19.05 mm)

600 lbs. (272.3 kg) –

1" (25.4 mm)

### Features & Benefits

**PEERLESS 100 Series Differentials** provide ultimate performance, durability, and ease of operation for residential or commercial applications. Available with 3/4" or 1" diameter axle shafts. Peerless Differentials are ultra-quiet and will provide customers with superior performance and can be used with a Peerless 700 Series transmission, a gas engine, or an electric motor.

- **Housing** – Die-cast aluminum housings offer outstanding heat dissipation and durability
- **Axle Shafts** – 3/4" (19.05 mm) and 1" (25.4 mm) diameter with key slots; optional axle lengths and ends available
- **Differential** – Automotive-type sintered metal or optional steel cut bevel gears provide smooth, long lasting performance
- **Bushings** – Axle shafts rotate on bronze or oil impregnated bushings; needle bearings and seals are available as an option on 3/4" (19.05 mm) diameter axles
- **High Carbon Steel Bolts** – Holds housing assembly together and provides mounting for pulley vs pulley or sprocket; includes locknuts (4-bolt standard, 6-bolt optional)
- **Stamped Steel Sprockets** – Standard 40,45,54 or 60 tooth sprockets for number 40 and 41 chain; can be purchased separate from differential
- **Applications** – rear engine riders, go-karts, seeders/spreaders, electric vehicles, floor sweeper, power wheelbarrow, and pedicab trikes

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# PEERLESS® GEAR

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## 110 Series Differentials

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# 110 Series Differentials



## PEERLESS® GEAR

Your Transmission Solution  
Made in the USA Since 1945

## Technical Specs

### Output Torque

225 ft. lbs. (305 N-m)

### Axle

1" (25.4 mm)

25 mm

### Tire Diameter

18" (457.2 mm)

20" (508.0 mm)

### Weight on Differential

600 lbs. (272.3 kg) –

1" or 25 mm

## Features & Benefits

**PEERLESS 110 Series Differentials** provide ultimate performance, durability, and ease of operation for residential or commercial applications. Available with 1-inch or 25 mm diameter axle shafts. Peerless Differentials are ultra-quiet and will provide customers with superior performance and can be used with a Peerless 700 Series transmission, a gas engine, or an electric motor.

- **Housing** – Die-cast aluminum housings offer outstanding heat dissipation and durability
- **Axle Shafts** – 1" or 25 mm diameter with key slots; optional axle lengths and ends available
- **Differential** – Automotive-type sintered metal or optional steel cut bevel gears provide smooth, long lasting performance
- **Bushings** – Axle shafts rotate on bronze or oil impregnated bushings
- **High Carbon Steel Bolts** – Holds housing assembly together and provides mounting for sprocket or pulley; includes 8 bolts with locknuts
- **Applications** – rear engine riders, go-karts, seeders/spreaders, electric vehicles, floor sweeper, power wheelbarrow, and pedicab trikes

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