

# Designs in Ductile Iron

**Cost**

**Saving**

**Design**

**Ideas**



**CASTING**

Wheel Hub

**APPLICATION**

Four Wheel Drive All Terrain Vehicle

**SPECIFICATION**

ASTM A-536 (65-45-12)

**REDESIGN**

From Aluminum Casting

**COST SAVINGS**

Part Cost Reduced 50%

**DESIGN**

Lightweight; Increased

**ADVANTAGES**

Strength and Safety;

Pleasing Aesthetics

**SIZE & WEIGHT**

Only 7 ozs. Heavier

than Previous

Aluminum Part

**COMPANY**

Dotson Company

Roseau, MN

**FOUNDRY**

Unknown



**CASTING**

Fertilizer Knife

**APPLICATION**

Fertilizer Injection

**SPECIFICATION**

ASTM A-897

Austempered Ductile

Iron

**REDESIGN**

From Forging and

Weldment

**COST SAVINGS**

Part Cost Reduced 44%

**DESIGN**

All Components Can Be

**ADVANTAGES**

Made in the Casting;

Excellent Wear

Characteristic;

Components Not

Damaged in Service

**SIZE & WEIGHT**

Est. 7 lbs.

**COMPANY**

Unknown

**FOUNDRY**

Hayes-Albion Corp.

Albion, MI

**DUCTILE IRON GROUP**