

Cost

Saving

Design

Ideas

Designs in Ductile Iron

- CASTING APPLICATION** Valve Bonnet
Pressure Containment
For High Temperature
Valve
- SPECIFICATION** ASTM A-536 (80-55-06)
- REDESIGN** From Steel Barstock
- COST SAVINGS** Cost Reduced 19%
- DESIGN ADVANTAGES** Reduced Weight;
Ease of Machining
- SIZE & WEIGHT** Less than ½ lb.
- COMPANY** Unknown
- FOUNDRY** Foster Oil Field Co.
Houston, TX



- CASTING APPLICATION** Rocker Arm
Truck Axle Suspension
- SPECIFICATION** ASTM A-536 (80-55-06)
- REDESIGN** From Forged & Welded
Components
- COST SAVINGS** Part Cost Reduced
62%; \$1,000,000
Annual Savings
- DESIGN ADVANTAGES** Provided High Shock
Loads at Reduced
Weight
- SIZE & WEIGHT** 55" x 5"; 98 lbs.
- COMPANY** Dura Corp., Paris
Products
Paris, KY
- FOUNDRY** Lynchburg Foundry
Lynchburg, VA



DUCTILE IRON GROUP