

Designs in Ductile Iron

Cost

Saving

Design

Ideas



CASTING APPLICATION Rear Engine Mount
Engine Support and
Torque Reaction
Member

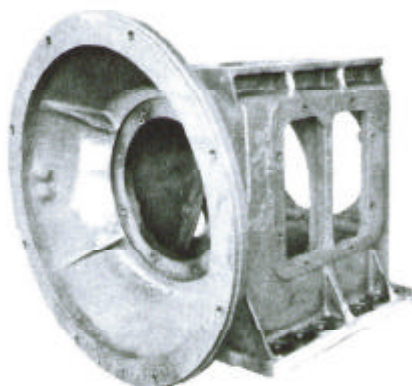
SPECIFICATION SAE J-434C (D4512)
REDESIGN From Steel Stamping
COST SAVINGS Lowered Tooling & Per
Piece Costs

DESIGN ADVANTAGES Stiffer Design; 38%
Weight Reduction;
More Compact Product
Gives Less Packaging
Interference Problems

SIZE & WEIGHT 5" x 4"

COMPANY Ford Motor Co.

FOUNDRY Wagner Casting
Decatur, IL



CASTING APPLICATION Crankcase
Air Compressor
SPECIFICATION ASTM A-536 (60-40-18)
REDESIGN From Steel Weldment
COST SAVINGS Part Cost Reduced
82%; \$100,000 Annual
Savings

DESIGN ADVANTAGES Better Resistance to
Shock Damage;
Improved Sound
Dampening

SIZE & WEIGHT 48" x 36" x 7 $\frac{1}{2}$ "

COMPANY Worthington Corp.
Harrison, NJ

FOUNDRY Unknown

DUCTILE IRON GROUP