



Pulley

| | |
|-------------------------|--------------------------|
| Industry | Machinery |
| Specification | Dura-Bar 65-45-12 |
| Redesign | From steel |
| Design Advantage | Improved Machinability |
| Cost Savings | Part cost reduced by 15% |

Dura-Bar ductile iron proved to be advantageous over steel for this application used in the transportation and machinery industries.

Many of Dura-Bar's advantages over low-carbon steel resulted in a significant cost savings for the customer. A key feature was Dura-Bar's superior machinability. The manufacturer realized a cost savings because tool life was extended. Not only that, but an outstanding surface finish could easily be achieved with Dura-Bar.

The customer also benefitted from the excellent wear resistance provided by Dura-Bar's 65-45-12 as it equated to a longer life for the pulley. The customer even noted a difference in shipping costs, due to the fact Dura-Bar is up to 10 percent lighter than most steels.