

Pulley

Industry	Machinery
Dura-Bar Grade	65-45-12 Ductile Iron
Original Material	Hot Rolled 12L14 Carbon Steel
Problems Solved	Lead In Original Material, Poor Surface Finish, Poor Wear Resistance
Cost Savings	Total part cost reduced by 15%



Dura-Bar ductile iron proved to be advantageous over steel for this pulley 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 manufacture realized a cost saving 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 the shipping cost, due to the fact Dura-Bar is up to 10% lighter than most steels.

Dura-Bar's many material advantages can lead to significant total part cost savings, so contact us today to discuss your application.