



Manifold

Industry	Machinery
Specification	Dura-Bar 65-45-12
Redesign	From hot rolled 1018 carbon steel
Design Advantage	Improved machinability
Cost Savings	Cycle time cut in half

Customer wanted to reduce part cost by manufacturing the manifold quicker. They needed a more machinable material that provided the needed pressure retention of the application.

Dura-Bar 65-45-12 provided a material with superior machinability and comparable performance to the 1018 steel.

By making the switch, the customer lowered the total cost to produce the part by making the part in half the time. They also saved time changing inserts because the Dura-Bar was easier on the tooling.

By switching to Dura-Bar, the customer cut cycle time in half and lowered the component cost. They are thrilled with the outcome.