

Hydraulic Manifold

Industry	Machinery
Dura-Bar Grade	65-45-12 Ductile Iron
Original Material	Hot Rolled 1018 Carbon Steel
Problems Solved	Machinability, Pressure, Cost
Cost Savings	Cycle time cut in half



A manufacturer of manifolds had an initiative to reduce costs, and looked at how they might be able to manufacture the manifold quicker. They needed a more machinable material that provided the required 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 was able to benefit from several of Dura-Bar's material advantages. They included little to no deburring required, less time changing inserts because the Dura-Bar was easier on the tooling, and most importantly cutting the machining cycle time in half. The result was a significantly lower total cost to produce the part.

Contact us today to discuss your application and how you can save with Dura-Bar.