

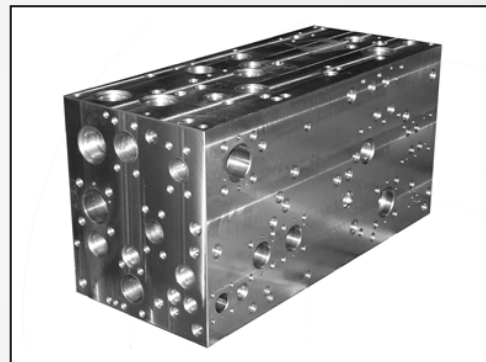


## Hydraulic Manifolds: AccuPort 432®

A worldwide valve manufacturer is machining hydraulic manifolds made out of nodular iron. They are using Makino M3000 Pallet Line with a through-coolant delivery system to manufacture their products.

The customer is now running multiple transfer lines and unmanned machining centers, which is not ideal for this method. The customer needs to increase production efficiency to meet product demand.

Because they no longer had to regrind the special form reamers, the customer eliminated their tool room re-sharpening area. Due to the success of our tooling, the customer has now converted all their porting operations to the **AccuPort432®** tool.



		Competitor	AccuPort 432®
<b>Product:</b>	AccuPort 432®		
<b>Objective:</b>	Increase production efficiency		
<b>Industry:</b>	Oil & gas/petrochemical		
<b>Part:</b>	Hydraulic manifolds		
<b>Material:</b>	Nodular iron	3 or 4 Tools to Produce the Hole <ul style="list-style-type: none"><li>• Long cycle times</li><li>• Multiple tool changes</li><li>• Increased downtime</li></ul>	<ul style="list-style-type: none"><li>• 300 SFM (91.44 M/min)</li><li>• 8 IPM (203.2 mm/min)</li><li>• Reduced cycle by 85% (this reduction does not include the reduction in downtime due to tool changes and re-sharpening)</li></ul>



▶ AccuPort 432®

85% cycle time decrease

The AccuPort 432® provided:



Decreased cycle time