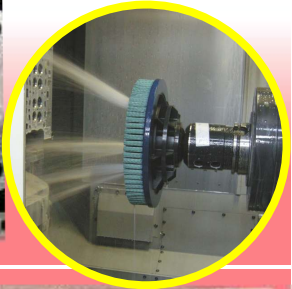


DeBurring

"Exceed Expectation through Innovation"



DeBurring of Aluminum Parts

In the complete process of DeBurring, we recommend to use biggest size or at least one size bigger brush of that of the cutter size. We have brush sizes ranging from Ø 60, Ø 80, Ø 100, Ø 115, Ø 125, Ø 150, Ø 165, Ø 180, Ø 200, Ø 225, Ø 250, Ø 296 and above.

We have a complete range of holders, tools and other accessories needed for your M.I.D. (Machine Inline DeBurring), right from holders for your ISO / BT / HSK & other make to suit your machine, with flow through coolant and other accessories required for various types of brushes holding according to your job, machine and process.

Check the video of one of the DeBurring process at www.de-burring.com

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Advantage:-

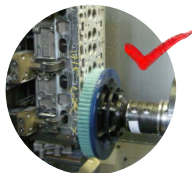
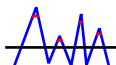
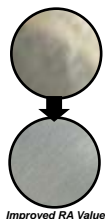
- All the pieces will get consistence finish, as compared to manual DeBurring where you have 100% variations.
- Number of pieces completed on machine will straight away go for further assembly on line, so no pile up for waiting for contractor people to come and mess-up the accuracy obtain on costly machines where you are paying huge capital and consumable cost to stay ahead in today's competitive market.
- No sharp edges left at machined surfaces.
- RA Values are improved to get better finish.
- Improvement in RA value helps your leakage problem, as the Picks from the surfaces are Eliminated or got Radius.

On the following pages you will find that at the movement customers are using manual DeBurring tools to get rid of the sharp edges generated during machining, if you forget or do not remove, the small / loose particles from surface will become loose / free and then mix with oil / water and subsequently your rotating and related parts will get damage and the efficiency will reduce and fuel economy will decrease, because of the foreign particles in liquid. So during your warrantee period it be will noticed and subsequently you have to replace for earlier shorten life.

If you are applying gasket / sealant as the matching surfaces are having higher points (picks) due to machining cutter mark and their path, this will make easy way to flow the liquid through valley. After DeBurring this will have lesser chances as the difference between Picks and Valley are reduced.

We have given here the complete solution including flow through holder and accessories for their HSK-A100,

As the Diameter are bigger the water are coming from center and covers the whole working face. (Patents are applied for brush, holder, nozzle and accessories)



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Before



After

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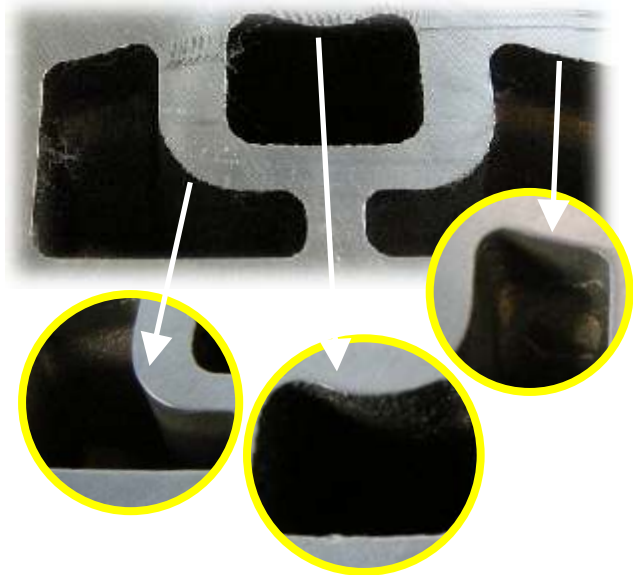
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After DeBurr see all curves / opening / cavity got a nice radius,
RA value improved, no sharp edges at any point where cutter
has reached

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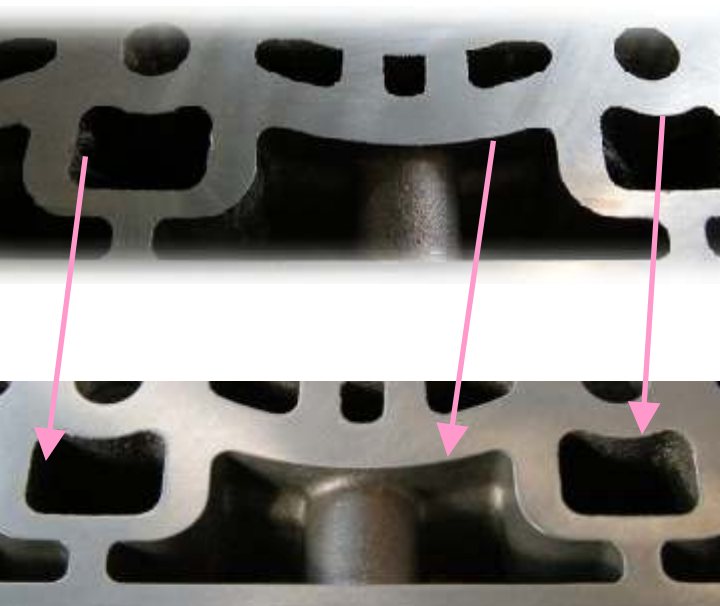
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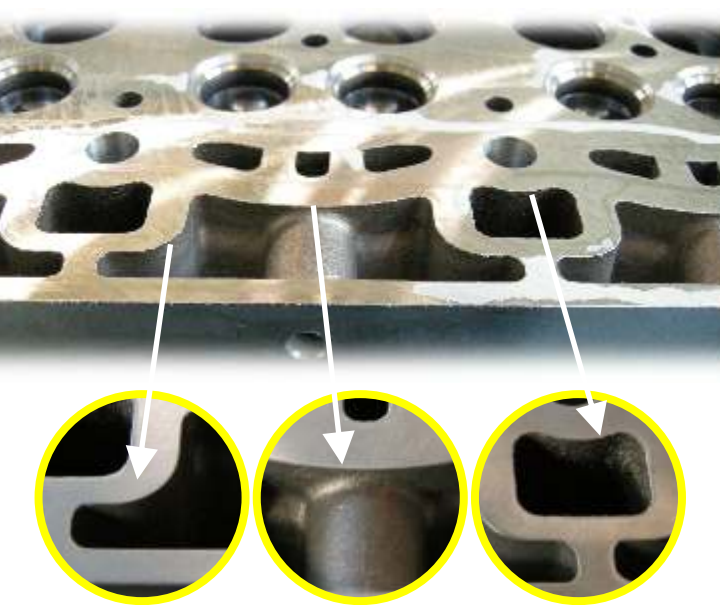
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Valve seat is harden material which is inserted in aluminum alloy body at intersection on the face where burr generated due to machining is successfully removed

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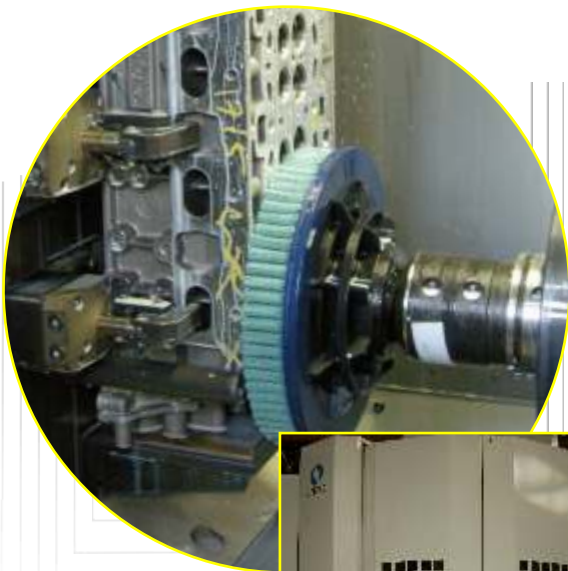
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