



Science & Technology
Facilities Council



Imperial College
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WARWICK



Rough Machining RFQ Section 1

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Rough machining RFQ section 1



All four blocks for RFQ section 1 have been rough machined to +10mm on the vane side. The largest deflection seen so far is 0.18mm.

The next stage is to take the blocks to +2mm on the outer face.

When all four blocks are machined to +2mm on both sides we will be able to specify Job #2 – rough machining for RFQ sections 2, 3 and 4.

Rough machining RFQ section 1



CAM program for the 2nd stage roughing (+2mm) proved in foam model (4 hr operation). Errors are rare but when the material value is high it is worth checking. The next stage is to re-produce this in copper (12 hr operation).

Rough machining RFQ section 1



Not content with being the ion source guru Dan is turning his hand to movie making..... here he is setting up an action shot.