



# TECHNOLOGY NOTE

## V16 THIN-WALLED WINDOW

Very thin windows which are vacuum tight are needed in the ISR to allow the detection of particles without them interacting in the material of the window itself.

This piece represents one stage in the development of a new technology to weld these thin stainless steel windows on much thicker frames of various forms.

Since it is very difficult to weld thin windows on pre-formed thick frames, the problem is solved by first welding the window onto a flat frame and then cold forming to the desired final shape.

For further details please contact one of the following :  
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