

**DeltaCad Users Group Member Submitted File Instructions/Comments/Info.**

**Macro File Download Title: “3d-Ellipse”**

**Created/Shared by: “cheez”.**

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**Discussion, comments and/or questions are welcome on our forums. (Registration required)**

THIS MACRO DRAWS ELLIPSES TO REPRESENT ROUND OBJECTS IN AN ISOMETRIC, DIMETRIC, TRIMETRIC OR OBLIQUE DRAWING.

I'M A MUSICIAN BY TRADE, SO FORGIVE ME IF I DON'T USE THE JARGON OF DRAFTSMEN OR COMPUTER JOCKS. THIS IS MY FIRST TIME USING THIS KIND OF PROGRAMMING AND WRITING MACROS.

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THE MACRO FIRST OPENS A NEW DEFAULT WINDOW SO YOU CAN COPY THE ELLIPSE TO YOUR DRAWING. THEN IT CLEARS THE SCREEN IF NEEDED.

NEXT IS THE DIALOG WINDOW.

ALL ANGLES ARE RECKONED THE SAME WAY AS THE DELTACAD TOOLBAR ITEMS.  
0 DEGREES IS TO THE RIGHT, ON THE X-AXIS.  
90 DEGREES IS STRAIGHT UP, ON THE Y-AXIS.

IT DRAWS THREE DIFFERENT ELLIPSES.  
ONE APPEARS ON THE LEFT SIDE OF THE HEIGHT AXIS.  
ONE APPEARS ON TOP OF THE PART.  
ONE APPEARS ON THE RIGHT SIDE OF THE HEIGHT AXIS.

THE ELLIPSES ARE DRAWN WITH 1.0 DRAWING SCALE. THE VIEW SCALE IS ADJUSTED SO ALL THREE FIT ON SCREEN. NOW YOU CAN SELECT AND COPY THE ELLIPSE TO YOUR DRAWING.

YOU MAY KEEP THE WINDOW OPEN FOR FURTHER ELLIPSES.

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\*\* DO NOT SAVE THE SHEET.

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\*\* IT USES THE DEFAULT SHEET AND YOU WILL HAVE TO RESTORE \*\*

\*\* IT THE NEXT TIME YOU NEED TO OPEN A NEW SHEET. \*\*

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