



# Instrument Panel Hole Sizes



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# PLEASE NOTE

This document may have been updated with new information, changes, or corrections.

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Thank you, John OHM Ω



# Common Instrument Hole Sizes & Conversions



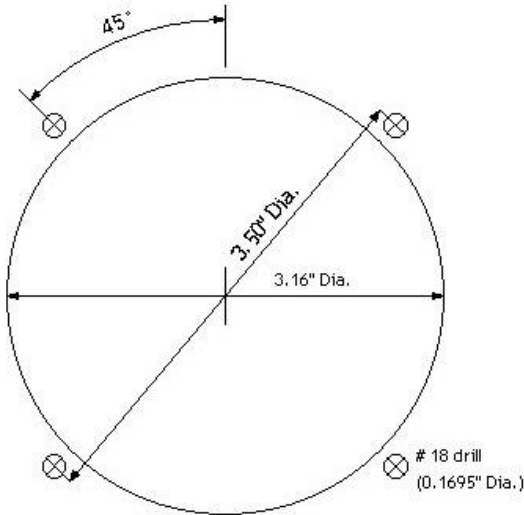
<b>Common Non-Metric Sized Instrument Holes</b>	<b>Closest Metric Dimension (over/under size)</b>
2-1/4" (2.25")	57mm = 2.24" 58mm = 2.28"
3-1/8" (3.125")	79mm = 3.11" 80mm = 3.15"

<b>Common Metric Sized Instrument Holes</b>	<b>Closest Non-Metric Dimension (over/under size)</b>
57mm	2-7/32" = 56.36mm 2-1/4" = 57.15mm
80mm	3-1/8" = 79.375mm 3-5/32" = 80.17mm

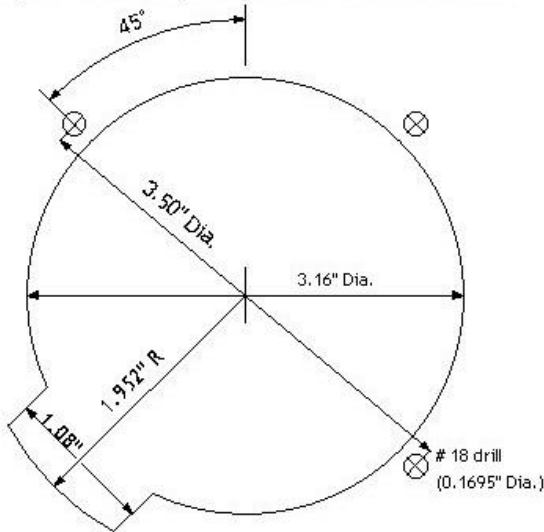


# Fractional Inch Instrument Hole Sizes Templates

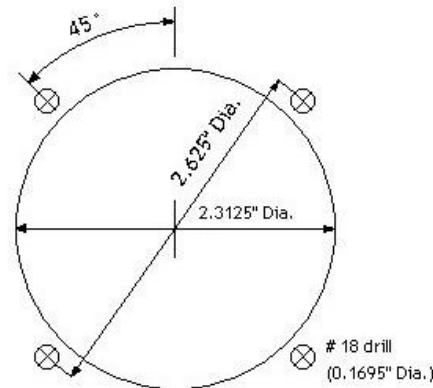
## Cutout for 3-1/8" Instruments



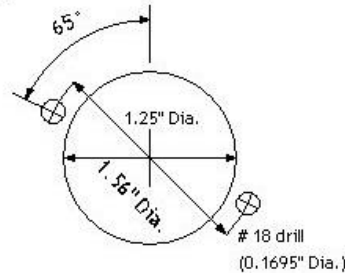
Typical cutout for many rate-of-climb instruments and altimeters



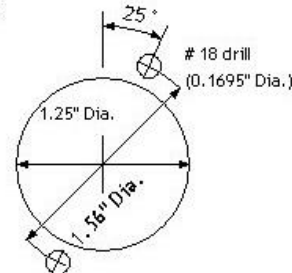
## Cutout for 2-1/4" Instruments



Cutout for 1 1/4" Mechanical Instrument Type C

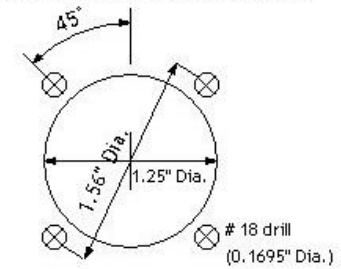


Cutout for 1 1/4" Mechanical Instrument Type D

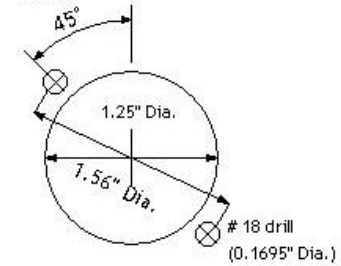


## Cutout for 1-1/4" Instruments

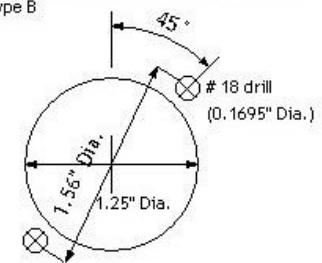
Cutout for 1 1/4" Electronic Instrument



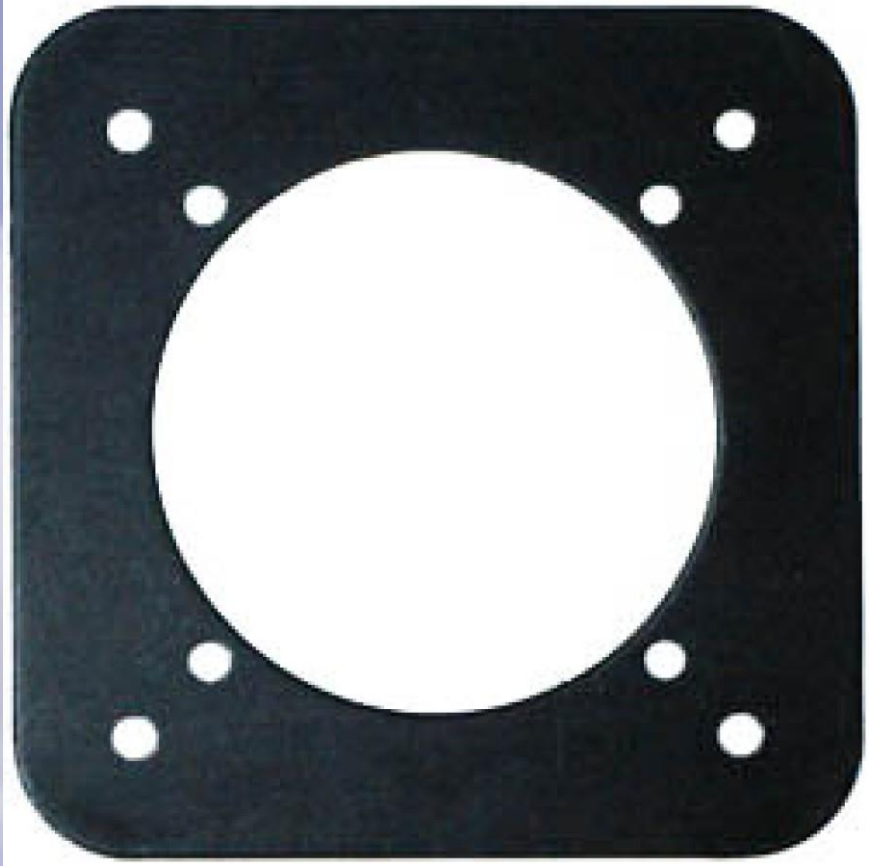
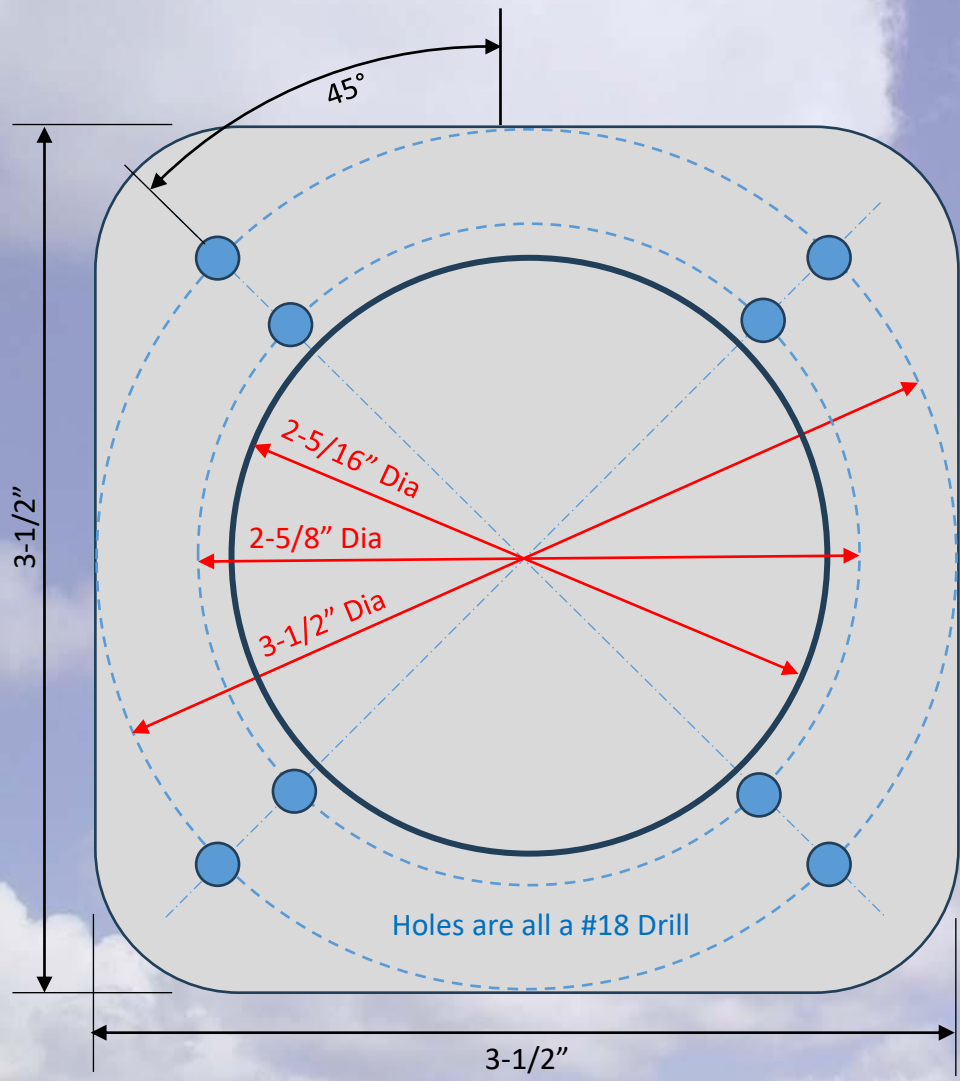
Cutout for 1 1/4" Mechanical Instrument Type A



Cutout for 1 1/4" Mechanical Instrument Type B



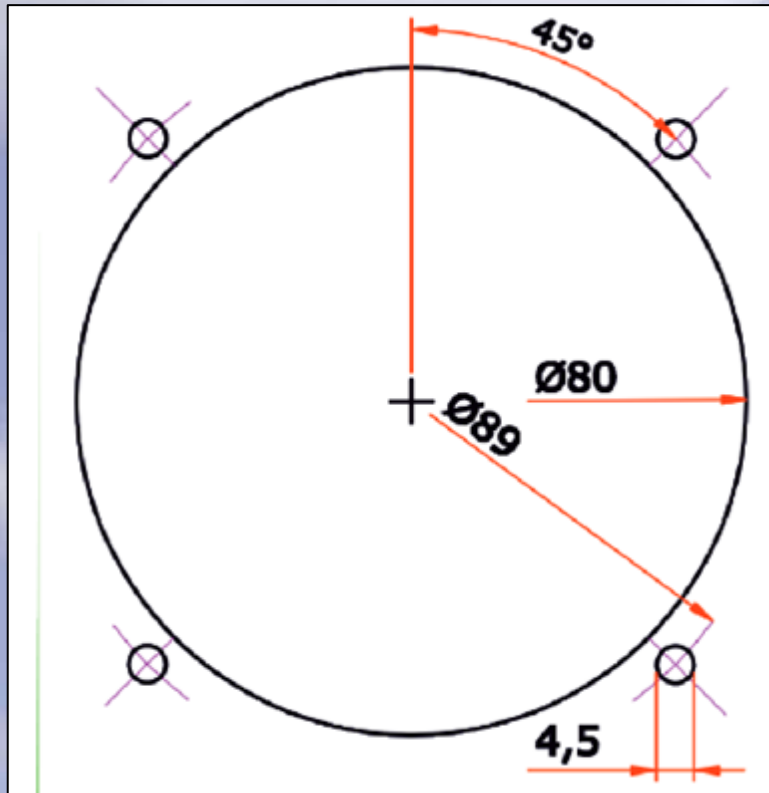
# 3-1/8" to 2-1/4" Instrument Reducer Plate



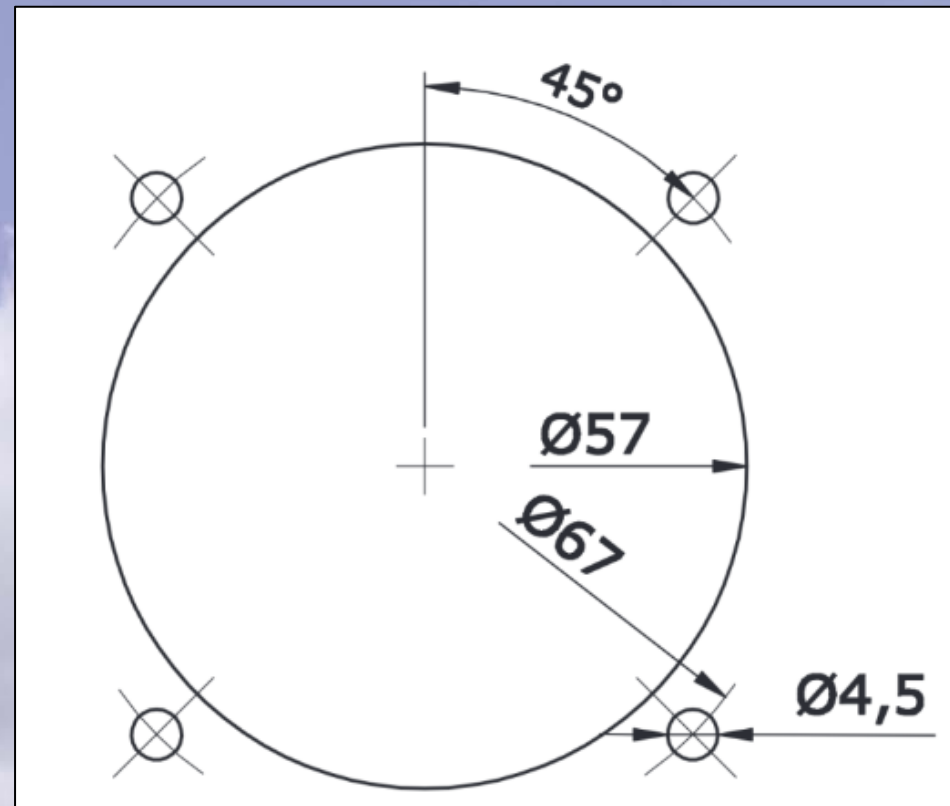
NOTE: Drawing is not to scale

# Metric Instrument Hole Sizes Templates

80mm

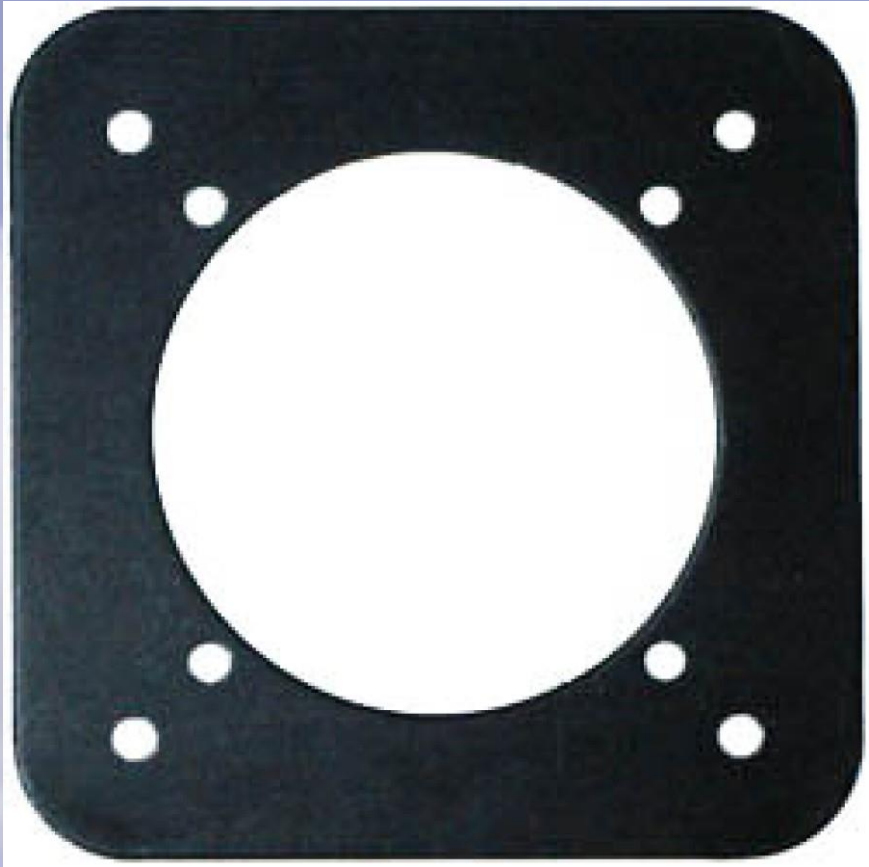
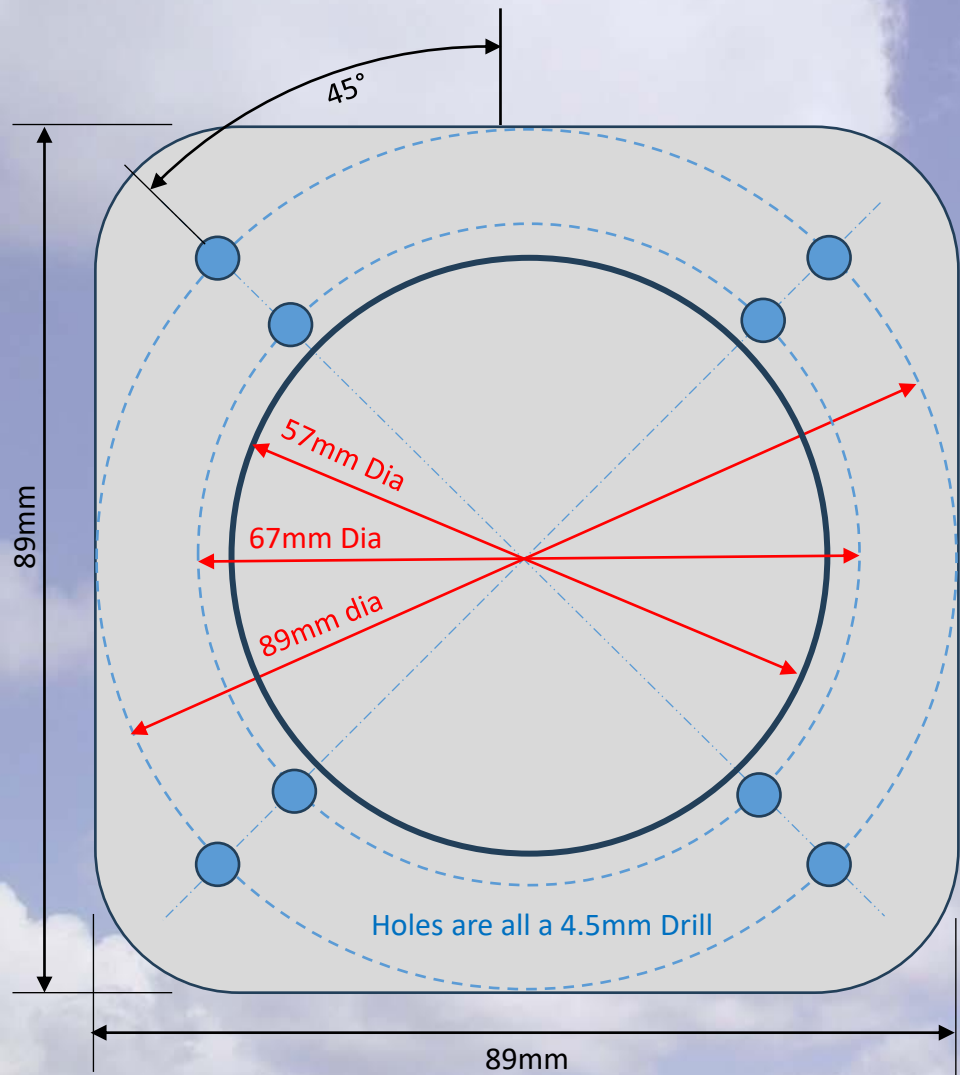


57mm



Source: <https://www.winter-instruments.de>

# Metric 80mm to 57mm Instrument Reducer Plate



NOTE: Drawing is not to scale

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Let me know of any comments!  
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