

UGSolutions

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PRODUCT: IDEAS
SUBJECT: How to dimension to a theoretical corner

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PLATFORM: INTEL OPERATING SYSTEM: WINDOW
OS VERSION: 2000 PRODUCT VERSION: V9

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HARDWARE/SOFTWARE CONFIGURATION

Family : I-DEAS
Application : DRAFTING
Function : MASTER_DRAFTING
Release : ALL

Platform : ALL
OS : ALL
OS Version : ALL

SYMPTOM/PROBLEM

How to dimension to a theoretical corner

SOLUTION/WORKAROUND

1) In Master Drafting you can create a 2D theoretical point by using the 'Locate Point' option in the Linear Dimension Command. Once this option is selected, use the Drafting locator tools (i.e. From End, Intersection of 2, Point On etc.)

The disadvantage to this option is that the endpoint is a theoretical point in 2D space and is NOT associated to the model. If the model moves, that dimension endpoint will not move with relation to the model. It will remain where it was originally placed.

2) Create a reference point at the theoretical point on the solid model. Then in Master Drafting attach the linear dimension to this reference point instead.

This dimension will maintain its associativity to the model, however it will be necessary to turn on 'Reference Geometry' in the View Properties->HLP Options in order to see the reference point from 3D.

REFERENCES/NOTES

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