

iLogic Ordinate Dimensions

CHAT-0210 / REV EXPORT-03 / 2025.05.21

A conversation-specific public summary of illogic ordinate dimensions, distilled from the supplied export. The detailed excerpts remain available in the released note file.

STATUS	RECOVERED / SPECIFIC NOTE
CLASSIFICATION	SYS
MATERIAL	CHAT EXPORT / BUILD & TOOLS
DISPOSITION	PUBLIC CONVERSATION EXCERPTS / REDACTED
CATEGORY	Build & Tools
RECORD TYPE	build-thread

TECHNICAL NOTES

Conversation-specific knowledge extracted from the illogic ordinate dimensions discussion.

CONVERSATION / QUESTION AND CONTEXT

write an illogic code to automatically dimension the first view placed with ordinate dimensions using proxy info Inventor 2023

CONVERSATION / EXTRACTED GUIDANCE

1. Ordinate dimensions require a valid origin point.
2. Dimensions must be placed to edges or vertices, not sketch points or geometry points.
3. This script uses proxy geometry (e.g., edges from the part) visible in the first view to define the origin and dimension targets.
4. --
5. This works best if the base view shows clear linear edges (i.e., no isometric or broken views).
6. You can expand it to support filtering for specific edges or applying to multiple views.
7. You may need to fine-tune the `MidPoint` usage depending on geometry clarity.
8. Error: `kBaseDrawingViewType` is not a member of `Inventor.DrawingViewTypeEnum`

SPECIFICATION

SOURCE	Supplied ChatGPT export
CATEGORY	Build & Tools
CONVERSATION	10 user turns / 10 assistant turns
ATTACHMENTS	10 references detected
PUBLIC DETAIL	Extracted knowledge + excerpts

DEVELOPMENT HISTORY

2025.05.21 / EXPORT-04
Matched to the supplied export; key guidance is surfaced separately and the raw transcript remains unpublished.

RELEASED MATERIAL / SOURCE LINKS

CHAT-0210-public-note.txt
PUBLIC-SAFE CONVERSATION NOTE / UNIQUE FILE
<https://u225x.com/downloads/chat-records/CHAT-0210-public-note.txt>

RETURN TO THE LIVING RECORD

iLogic Ordinate Dimensions
This PDF preserves the public notes at this revision. Visit the record for updates and attached images.
<https://u225x.com/record/CHAT-0210>