CAXA DRAFT – TOOLS COMPARISON

The following is a comparison of the tools available in CAXA DRAFT compared to IRONCAD DRAWING (ICD). This comparison doesn't go into the detailed functionality or usability of these tools, neither does it list all of the tools available within CAXA DRAFT, as there is sufficient listed to demonstrate that CAXA DRAFT is a far more capable product.

Annotation Tools	CAXA DRAFT	DRAWING (ICD)
Bend Line Callouts (Edit)	Yes	-
Bill of Materials (2D Model)	Yes	-
Bill of Materials (3D Model)	Yes	Yes
Bill of Materials (Break)	Yes	Yes
Bill of Materials (Database – Export Data)	Yes	Yes
Bill of Materials (Delete Item)	Yes	Yes
Bill of Materials (Export – Separate Drawing)	Yes	-
Bill of Materials (Insert Empty Line)	Yes	Yes
Check Failed Dimension	Yes	Yes
Coordinate Dimension (Align)	Yes	-
Coordinate Dimension (Auto List for Splines)	Yes	-
Coordinate Dimension (Free)	Yes	Yes
Coordinate Dimension (Hole List)	Yes	Hole Table
Coordinate Dimension (Hole)	Yes	-
Coordinate Dimension (Origin)	Yes	-
Coordinate Dimension (Quick)	Yes	-
Coordinate Dimension (Staggered)	Yes	Yes
Design Variation Table	-	Yes
Dimension (Aligned)	Yes	
Dimension (Angle Continuous)	Yes	-
Dimension (Angular Three Point)	Yes	-
Dimension (Angular)	Yes	Yes
Dimension (Arc Length)	Yes	Yes
Dimension (Base)	Yes	Yes
Dimension (Baseline)	Yes	Yes
Dimension (Big Arc)	Yes	-
Dimension (Chamfer)	Yes	Yes
Dimension (Continuous)	Yes	Yes
Dimension (Curvature of Spline)	Yes	-

Dimension (Diameter)	Yes	Yes
Dimension (Distance Between)	Yes	-
Dimension (Half)	Yes	-
Dimension (Hole and Axis Based Tolerances)	Yes	Yes
Dimension (Hole Center)	Yes	-
Dimension (Hole)	Yes	Yes
Dimension (Linear)	Yes	Yes
Dimension (Pitch)	Yes	-
Dimension (Pyramid)	Yes	-
Dimension (Radial)	Yes	-
Dimension (Radius)	Yes	Yes
Dimension Drive (Driving Geometry with Dimensions)	Yes	Curve Dimensions
Find and Replace Text	Yes	
Item Number (2D Model – Manually Generated)	Yes	-
Item Number (3D Model – Automatically Generated)	Yes	Yes
Item Number (3D Model – Manually Generated)	Yes	Yes
Item Number Align	Yes	-
Item Number Display	Yes	-
Item Number Hide	Yes	-
Item Number Merge	Yes	-
Item Number Swap	Yes	-
Leader (with Text)	Yes	Yes
Paper (Frame)	Yes	-
Paper (Paratable)	Yes	-
Paper (Settings)	Yes	Sheet Setup
Paper (Title Block)	Yes	-
Revision Table	Table	Yes
Revision Tag	-	Yes
Spell Checker	-	Yes
Symbol (Circular Hole)	Yes	-
Symbol (Datum Feature)	Yes	Yes
Symbol (Datum Target)	Yes	Yes
Symbol (Direction)	Yes	-

Symbol (Elevation)	Yes	-
Symbol (Geometric Tolerance)	Yes	Yes
Symbol (Rotate)	Yes	-
Symbol (Section Line)	Yes	-
Symbol (Surface Finish)	Yes	Yes
Symbol (Weld Bead)	Yes	-
Symbol (Welding)	Yes	Yes
Technique Requirement Library	Yes	-
Text	Yes	Yes
Text (Arc-Aligned)	Yes	-
Text (Duplicate with Change)	Yes	-

Drawing Tools	CAXA DRAFT	DRAWING (ICD)
Arc (Center Radius Start and Termination Angle)	Yes	-
Arc (Center Start Point Center Angle)	Yes	Yes
Arc (Fit Spline)	Yes	-
Arc (Start Point End Point Center Angle)	Yes	-
Arc (Start Point Radius Start and Termination Angle)	Yes	-
Arc (Three Points)	Yes	Yes
Arc (Two Point Radius)	Yes	Yes
Arrow	Yes	-
Centerline	Yes	Yes
Centerline of Circular Array	Yes	Yes
Centerpoint	Yes	Yes
Circle (Radius)	Yes	-
Circle (Three Points)	Yes	-
Circle (Two Points Radius)	Yes	-
Circle (Two Points)	Yes	-
Cloud (Freehand)	Yes	Yes
Cloud (Rectangle)	-	Yes
Detail View (Not Associated)	Yes	-
Donut (Polyline Circle)	Yes	-
Ellipse	Yes	Yes

Elliptical Arc	Yes	Yes
Fill	Yes	Yes
Formula Curve	Yes	-
Gear	Yes	-
Gradient	Yes	-
Hatch	Yes	Yes
Hole/Axis	Yes	-
Line (Angular Bisector)	Yes	-
Line (Angular)	Yes	-
Line (Bisector)	Yes	-
Line (Construction)	Yes	-
Line (Dual Folding – Break Line)	Yes	-
Line (Normal)	Yes	Yes
Line (Ray)	Yes	-
Line (Tangent)	Yes	Yes
Line (Two Point)	Yes	Yes
Parallel Lines	Yes	-
Parallelogram (With Centerlines)	Yes	-
Parallelogram (Without Centerlines)	Yes	Yes
Point (Equal)	Yes	-
Point (Isolated)	Yes	-
Point (Isometry)	Yes	-
Polygon (With Centerlines)	Yes	-
Polygon (Without Centerlines)	Yes	Yes
Polyline (Arc)	Yes	Yes
Polyline (Line)	Yes	Yes
Rectangle (With Centerlines)	Yes	-
Rectangle (Without Centerlines)	Yes	Yes
Spline	Yes	Yes
Symmetrical (Arc)	Yes	-
Symmetrical (Line)	Yes	-
Wave Line	Yes	-
Wipeout	Yes	-

Grouping Tools	CAXA DRAFT	DRAWING (ICD)
Block Attribute Define	Yes	Group Properties
Block Create	Yes	Group Join Shape
Block Editing	Yes	-
Block Editing in Place	Yes	-
Block Rename	Yes	-
Component (Symbol) Define	Yes	Group Join Shape
Component (Symbol) Drive	Yes	-
Component (Symbol) Library Manager	Yes	-
Group (And Ungroup)	Block Create Explode	Yes
Join Shape (And Unjoin Shape)	Block Create Explode	Yes

Inquiry Tools (Not Annotations)	CAXA DRAFT	DRAWING (ICD)
Angle	Yes	-
Area	Yes	-
Center of Gravity	Yes	-
Coordinate Point	Yes	-
Distance	Yes	-
Inertia	Yes	-
Object Attributes	Yes	-
Perimeter	Yes	-
Weight	Yes	-

Inserting and Managing of Content	CAXA DRAFT	DRAWING (ICD)
Bar Code Insert	Yes	-
Block Insert (Linked and Unlinked Copies)	Yes	Catalog Drag and Drop
Component (Symbol) Insert (Also Drag and Drop from Library)	Yes	Catalog Drag and Drop
Component (Symbol) Library	Yes	Catalog
Design Center	Yes	-

External Reference Insert	Yes	-
Object (OLE) Insert	Yes	Create Object
PDF Underlay Insert	Yes	Windows Drag and Drop
Picture Insert	Yes	Windows Drag and Drop
QR Code Insert	Yes	-

Modifying Tools	CAXA DRAFT	DRAWING (ICD)
Align	Yes	-
Array (Circular)	Yes	-
Array (Curve)	Yes	-
Array (Rectangular)	Yes	-
Break (One Point)	Yes	Split
Break (Two Point)	Yes	-
Chamfer	Yes	Yes
Chamfer (Inside for Three Perpendicular Lines)	Yes	-
Chamfer (Multiple)	Yes	-
Chamfer (Outside for Three Perpendicular Lines)	Yes	-
Delete (Selected)	Yes	Yes
Delete (All Visible)	Yes	-
Delete (Superpose Line)	Yes	-
Explode	Yes	Ungroup Unjoin Shape
Extend (Edge)	Yes	-
Extend (Extend)	Yes	Yes
Fillet	Yes	Yes
Fillet (Multiple)	Yes	-
Hatch Edit	Yes	Yes
Merge	Yes	-
Mirror	Yes	Yes
Move	Yes	Yes
Move Copy	Yes	Yes
Offset Lines	Yes	Yes
Polyline Edit (Closed or Not Closed)	Yes	-
Polyline Edit (Convert to Spline)	Yes	-

Polyline Edit (Edit Vertex)	Yes	Split
Polyline Edit (Joined)	Yes	Connect Join Shape
Polyline Edit (Reverse Direction)	Yes	-
Polyline Edit (Width)	Yes	Yes
Rotate	Yes	Yes
Scale (Copy)	Yes	Yes
Scale (Move)	Yes	Yes
Sharp Corner	Yes	-
Spline Edit (Convert to Polyline)	Yes	-
Spline Edit (Edit Vertex – Control Points)	Yes	-
Spline Edit (Fitting Data)	Yes	-
Spline Edit (Joined)	Yes	-
Stretch (By Single Select)	Yes	-
Stretch (By Window)	Yes	-
Trim (Batch)	Yes	-
Trim (Pick Border)	Yes	-
Trim (Quick)	Yes	Yes

Property and Style Tools	CAXA DRAFT	DRAWING (ICD)
Auto Layer Rule	Yes	Styles, Layers and Defaults
Layer Management Tools	Yes	-
Match Properties	Yes	Eye Dropper
Matching Property Rules	Yes	BOM Dialog Box Text Properties
Property Browser (Very Important)	Yes	Dialog Boxes
Quick Selection Filter (Object Types and Properties)	Yes	-
Standard Manager	Yes	-
Style Manager	Yes	Styles, Layers and Defaults
Style Manager (Importing and Exporting)	Yes	Import Styles

View Generation and Editing Tools	CAXA DRAFT	DRAWING (ICD)
Auto Dimension	-	Yes
Edit Property (Element)	Yes	-
Edit Property (Part)	Yes	-
Explode View	Yes	-
Generate View (Auxiliary)	Yes	Yes
Generate View (Broken Out)	Yes	Yes
Generate View (Broken)	Yes	Yes
Generate View (Crop)	Yes	Yes
Generate View (Detail)	Yes	Yes
Generate View (Partial Section)	Yes	Section Using Depth Setting
Generate View (Projection)	Yes	General View then Alignment
Generate View (Section)	Yes	Yes
Generate View (Standard)	Yes	Yes
Hide Lines (Cancel Hide Lines)	Yes	-
Set Part Property	Yes	Cut Parts List Hidden Parts List
Update Views	Yes	Yes
View Alignment (On/Off)	Yes	Yes
Viewports (For 2D Models in Model Space)	Yes	-
Views Tree	Yes	-