Solinas

General Usage Instructions:

Fabrication shops and construction detailing teams receive piping design data from Design teams in order to produce fabrication spool drawings and marked installation drawings.

Solinas allows draftsmen to read design piping data, select spool break points, and produce fabrication and installation marked-up drawings. These drawings are complimented with material and weld data.

Commands:

Ribbon/Toolbar Icon	Command	Command Description
	SELECTSPLITSPOOLPOINTS	Select spooling split points
	TNEWDRAWING	Create a new blank drawing.
	TADDCOORDINATES	Display the coordinates of the chosen donut
	TSPOOLSORTBYREVERSEID	Sort spools by reverse ID
	TTRANSFERCOMPONENT	Choose components to be transferred to another isometric

	Command	Description
	TAUTOSPLITPIPEWITHCOUPLING	Split long pipes automatically according to a specific length and add coupling at each split point
	TEDITDIMENSIONS	Modify a single dimension
	TRESETSPOOLING	Delete all empty spools, Renumber all spools, Re-assign components and joints to spools, Renumber all joints
	TATTACHWELDTODONUT	Move weld and attach it to a donut
	TREINITALLLAYOUTS	Re-initialize the appearance of all layouts. WARNING: All modifications will be lost
	TCLONEDRAWING	Clone existing drawing under new coordinates and save it in a new file
	TCHANGEDIRECTIONVECTOR	Change the direction for a single or set of components connected together
	TEDITCOMPONENT	Access the properties of a component

	TRESETWEIGHTTABLE	Re-read component unit weight from external materials' catalogue
	TEDITFACEVECTOR	Change the face direction for a single or set of components
	TRESPOOLASSHOP	Transform spools into shop material
	TWELDSORTBYID	Sort welds by ID
	TEDITDIMENSIONGROUP	Redirect dimensions according the XYZ axis
	COMBINESHEETS	Combine two sheets into one
	TSPLITPIPE	Split pipe manually
	TAUTOSPLITPIPE	Split long pipes automatically according to a specific length

	TTHelp	Open the Help file and show current Solinas version.
	TDISPLAYATTRIBUTES	Global Attributes editor
	GETCONT	Acquire the continuation of the isometric
	TCHANGEISOSTARTPOINT	Change isometric starting point
	TREMOVECOMPONENT	Delete a component
	TREVERSEMTO	Export the Material take off to an excel file in reverse order
	TSHOWPALETTE	Display entire file hierarchy
	TREMOVECOMPONENTBETWEENDONUTS	Delete a component situated between a weld donut and another component

	TREADIDF	Load IDF file for automatic spooling.
	TADDDIMENSION	Add a new dimension
	TREADISONON	Load ISO file for manual spooling
	TRESPOOLASFIELD	Transform spools into field material
	EDITLDT	Edit backing sheet (data, QC data..)
	TADDELEVATION	Display the elevation of the chosen donut
	SELECTSPLITPOINTS	Select sheet split points
	TCREATEC3DX	Export a DWG file into C3DX

	TDELETEWELD	Delete weld
	TREADIDF	Load IDF file for automatic spooling.
	TSHOWDETAILCOMPONENT	Show component properties in the 3D model
	TSAVEASP	Save current drawing under another name or location
	TREPLOTWELDTABLE	Replot weld table on the layout after any weld modification
	TDISPLAYSPOOLS	Global spool editor
	TREADPCF	Load PCF file for automatic spooling.
	TCHANGEANGLE	Change entire isometric angle

	TCHANGESCALE	Modify the scale of a component
	TCHANGEDIRECTION	Rotate component to the opposite direction
	TEXPORTANDATTACHTOPDF	Plot the isometric to a PDF and attach to it the iso drawing.
	TDISENGAGE	Save edited markups
	TDISPLAYWELDS	Display the welds in a list
	TWELDSORTBYREVERSEBRANCHID	Sort welds by reverse branch ID
	TRELOADWEIGHT	Update the weight in the spool after modifying a component
	GETCONTDWG	Acquire the continuation of the isometric as a DWG file

	Command	Description
	TSHEETSPLIT	Select the sheet split points in the 3D model
	TRESETSPOOLINGDATA	Recalculate and reassign spool data as the likes of attributes , components, welds ...
	TREADPCF	Load PCF file for automatic spooling.
	TSWAPSHEETNUMBERS	Swap two sheet's numbers
	TSAVEP	Save current drawing
	TDISPLAYMATERIAL	Display component material
	TEXPORTTOPDF	Plot the ISO drawing to a PDF file
	TAUTOSPLITPIPEBETWEENWITHCOUPLIN	Split long pipes automatically according to a specific length between 2 chosen points and add coupling at each split point

	TREQUESTLICENSE	Request a Solinas License.

Installation/Uninstallation:

The installer that ran when you downloaded this plug-in from BricsCAD Exchange Apps has already installed the plug-in. You may need to restart the BricsCAD product to activate the plug-in. To uninstall this plug-in, click Control Panel > Programs > Programs and Features (Windows 7/8/8.1/10) or Control Panel > Add or Remove Programs (Windows XP), and uninstall as you would any other application from your system.

Additional Information:

Find more information here:

http://www.cctintl.com/solutions/solinas-piping-isometric-application-bricscad

Known Issues:

Congested drawings may require draftsman intervention.

Contact:

Company Name: CCT International.

Support Contact: support@cctintl.com

Support Information:

Please contact support via email on: support@cctintl.com