Victaulic®
An ISO 9001 certified company

VIC/ISO™

2-D Block Library For AutoCAD*

Victaulic Piping System

A catalog of isometric drawing symbols

Version 2.0

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2-D Block Library For AutoCAD*

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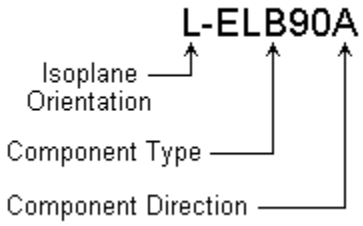
Introduction

What is VIC/ISO?

VIC/ISO is a two-dimensional AutoCAD block library that was developed to assist in the creation of Victaulic isometric drawings. It includes block symbols representing the main line components. Each component is stored according to a naming convention that represents the AutoCAD isoplane orientation, type and direction of the component (see example below). A common insertion point has also been designated in each component for ease of placement. Components are placed by using AutoCAD DesignCenter and can be easily manipulated by using common AutoCAD editing commands.

Example Block File Name:



This block would be a 90 deg. Victaulic Elbow shown in left isoplane

Please refer to the Iso Component Index for actual block symbol file names.

VIC/ISO
INSTALLATION INSTRUCTIONS

NOTES:

1) 8.5 MB of hard disk space is required for VIC/ISO.

INSTALLATION:

1) Place the VIC/ISO CD in the CD ROM drive.

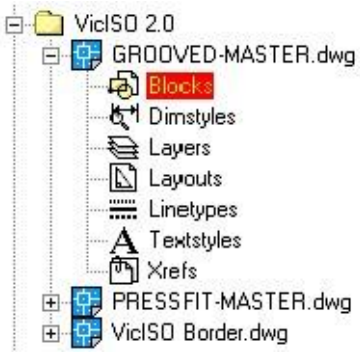
2) Run the Vic Blocks 2D 4.0 Setup.exe file and enter the required password. Follow the install instructions as required. Select the typical installation option to install both Vic Blocks 2D 4.0 and Vic ISO 2.0 or select the custom installation option and install just Vic ISO 2.0

3) Start AutoCAD and DesignCenter.

Launch AutoCAD and from the **Standard Toolbar**, click on the DesignCenter icon  or press **Ctrl**+**2** on the computer keyboard.

4) Locate the appropriate VIC/ISO master drawing.

In the DesignCenter dialog box, be sure that the Tree View Toggle  is active so that the folders on drive **C:** can be seen. Locate the **VicISO 2.0** folder and click on the appropriate master drawing (see list on page 3). Then select the **Blocks** icon to display the available Victaulic components.



5) You are now ready to start placing Victaulic components on a drawing! Please review the information sheets provided with this package for more about VIC/ISO.

VIC/ISO
Information

List of Available Master Drawings:

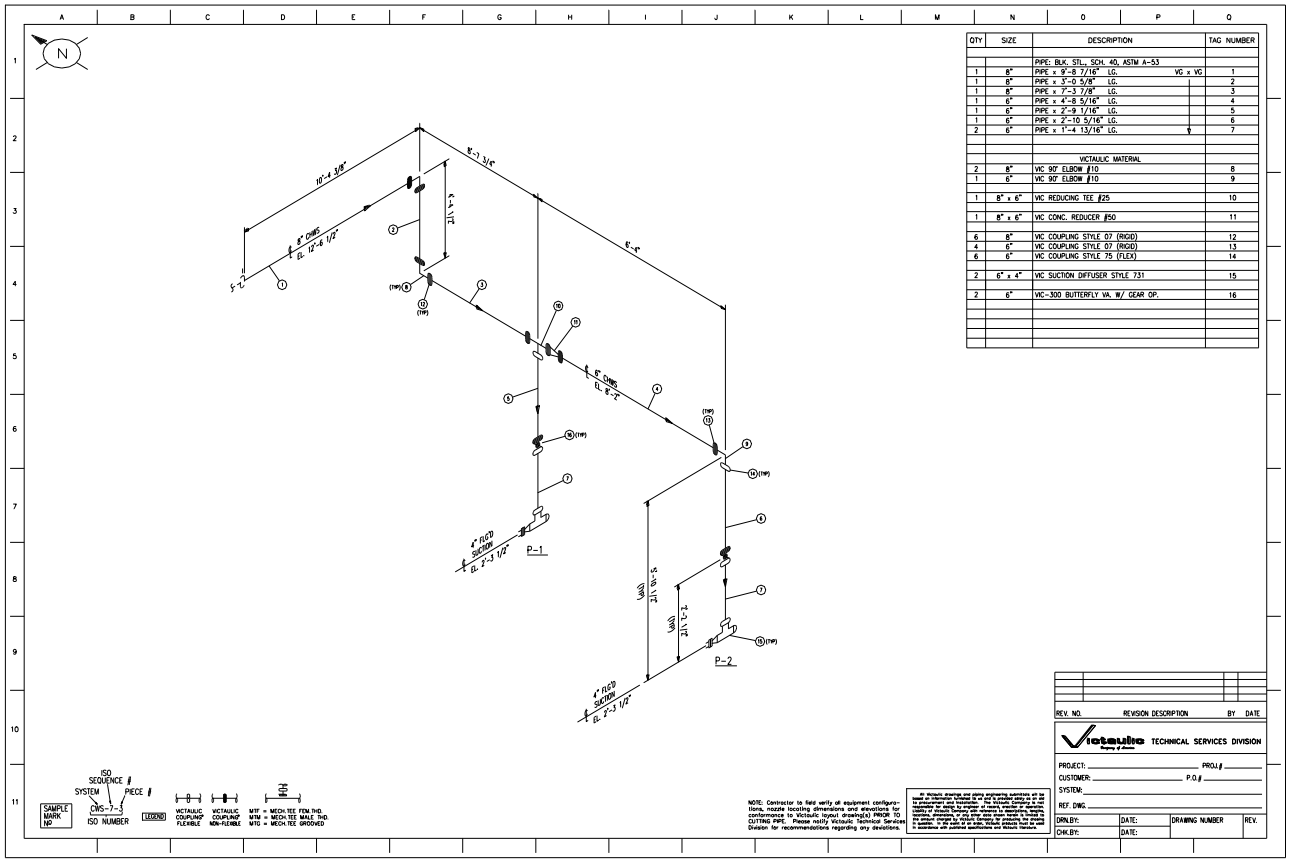
Note: All master drawings were created with AutoCAD 2004. All Victaulic components are drawn on the "0" layer so that when inserted into a drawing, the blocks will be placed on the user's current layer.

GRV-MASTER.dwg . . . . . Blocks that represent the Victaulic IPS grooved product line.

PRESSFIT-MASTER.dwg . . . . Blocks that represent the Victaulic Pressfit product line.

Sample Drawing:

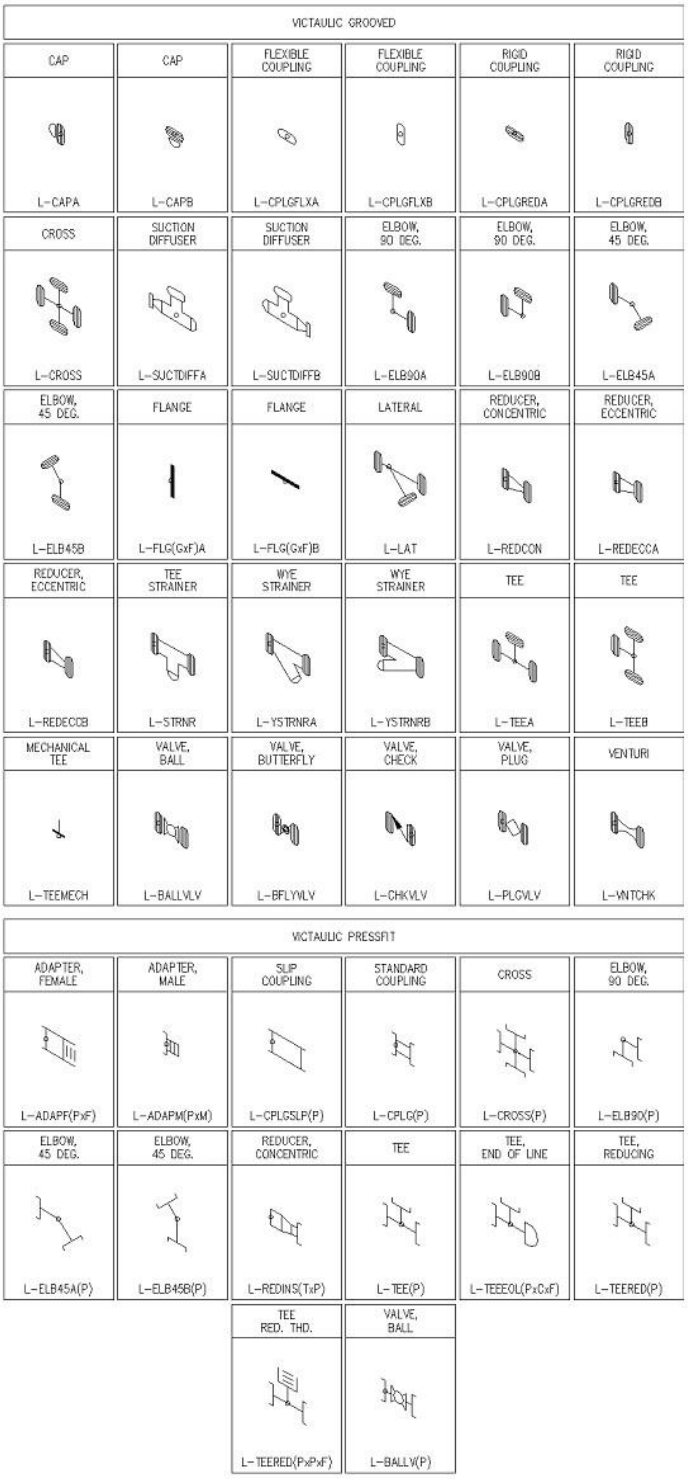
VIC/ISO was used along with the provided border drawing (**VicISO Border.dwg**) to create the drawing below.



VIC/ISO
Information

The following pages contain drawing representations of the Victaulic isometric blocks along with a description of the component, file name and a " ° " placed at the insertion point. This will serve as a reference to the available Victaulic main line piping components included in this package.

Left Isometric Plane



VIC/ISO
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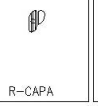
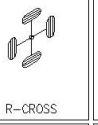
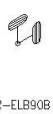
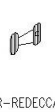
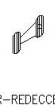
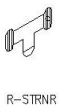
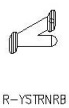
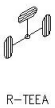
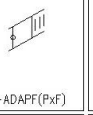
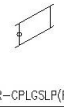
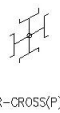
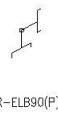
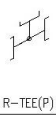
Right Isometric Plane

VICTAULIC GROOVED

CAP	CAP	FLEXIBLE COUPLING	FLEXIBLE COUPLING	RIGID COUPLING	RIGID COUPLING
 R-CAPA	 R-CAPB	 R-CPLGFLXA	 R-CPLGFLXB	 R-CPLGREDA	R-CPLGREDB
CROSS	SUCTION DIFFUSER	SUCTION DIFFUSER	ELBOW, 90 DEG.	ELBOW, 90 DEG.	ELBOW, 45 DEG.
 R-CROSS	 R-SUCTDIFFA	 R-SUCTDIFFB	 R-ELB90A	 R-ELB90B	 R-ELB45A
ELBOW, 45 DEG.	FLANGE	FLANGE	LATERAL	REDUCER, CONCENTRIC	REDUCER, ECCENTRIC
 R-ELB45B	R-FLG(GxF)A	 R-FLG(GxF)B	 R-LAT	 R-REDCON	 R-REDECCA
REDUCER, ECCENTRIC	TEE STRAINER	WYE STRAINER	WYE STRAINER	TEE	TEE
 R-REDECCB	 R-STRNR	 R-YSTRNRA	 R-YSTRNRB	 R-TEEA	 R-TEEB
MECHANICAL TEE	VALVE, BALL	VALVE, BUTTERFLY	VALVE, CHECK	VALVE, PLUG	VENTURI
 R-TEEMECH	 R-BALLVLV	 R-BFLYVLV	 R-CHKVLV	 R-PLGVLV	 R-VNTCHK

VICTAULIC PRESSFIT

ADAPTER, FEMALE	ADAPTER, MALE	SLIP COUPLING	STANDARD COUPLING	CROSS	ELBOW, 90 DEG.
 R-ADAPF(PxF)	 R-ADAPM(PxM)	 R-CPLGSLP(P)	 R-CPLG(P)	 R-CROSS(P)	 R-ELB90(P)
ELBOW, 45 DEG.	ELBOW, 45 DEG.	REDUCER, CONCENTRIC	TEE	TEE, END OF LINE	TEE, REDUCING
 R-ELB45A(P)	 R-ELB45B(P)	 R-REDINS(TxP)	 R-TEE(P)	R-TEEEOL(PxCxF)	R-TEERED(P)
		TEE RED. THD.	VALVE, BALL		
		R-TEERED(PxPxF)	R-BALLV(P)		

VIC/ISO
Information

Top Isometric Plane

VICTAULIC GROOVED					
CAP	CAP	FLEXIBLE COUPLING	FLEXIBLE COUPLING	RIGID COUPLING	RIGID COUPLING
					
T-CAPA	T-CAPB	T-CPLGFLXA	T-CPLGFLXB	T-CPLGREDA	T-CPLGREDB
CROSS	SUCTION DIFFUSER	SUCTION DIFFUSER	ELBOW, 90 DEG.	ELBOW, 90 DEG.	ELBOW, 45 DEG.
					
T-CROSS	T-SUCTDIFFA	T-SUCTDIFFB	T-ELB90A	T-ELB90B	T-ELB45A
ELBOW, 45 DEG.	FLANGE	FLANGE	LATERAL	REDUCER, CONCENTRIC	REDUCER, ECCENTRIC
					
T-ELB45B	T-FLG(GxF)A	T-FLG(GxF)B	T-LAT	T-REDCON	T-REDECCA
REDUCER, ECCENTRIC	TEE STRAINER	WYE STRAINER	WYE STRAINER	TEE	TEE
					
T-REDECCB	T-STRNR	T-YSTRNRA	T-YSTRNRB	T-TEEA	T-TEEB
MECHANICAL TEE	VALVE, BALL	VALVE, BUTTERFLY	VALVE, CHECK	VALVE, PLUG	VENTURI
					
T-TEEMECH	T-BALLVLV	T-BFLYVLV	T-CHKVLV	T-PLGVLV	T-VNTCHK

VICTAULIC PRESSFIT					
ADAPTER, FEMALE	ADAPTER, MALE	SLIP COUPLING	STANDARD COUPLING	CROSS	ELBOW, 90 DEG.
					
T-ADAPF(PxF)	T-ADAPM(PxM)	T-CPLGSLP(P)	T-CPLG(P)	T-CROSS(P)	T-ELB90(P)
ELBOW, 45 DEG.	ELBOW, 45 DEG.	REDUCER, CONCENTRIC	TEE	TEE, END OF LINE	TEE, REDUCING
					
T-ELB45A(P)	T-ELB45B(P)	T-REDINS(TxP)	T-TEE(P)	T-TEEEOL(PxCxF)	T-TEERED(P)
		TEE RED. THD.	VALVE, BALL		
		T-TEERED(PxPxF)	T-BALLV(P)		