




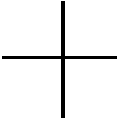


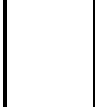





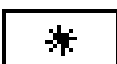
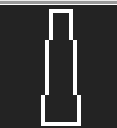


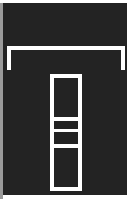
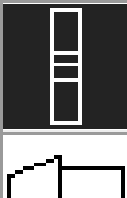
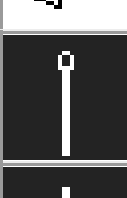
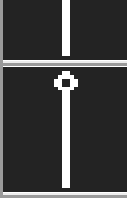

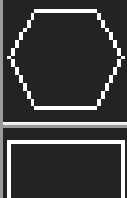

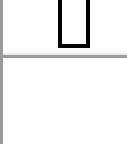

Process Design, from the Outside














This html is generated by the Symbol key Generator written by the Process, Design from the Outside team. Please check out our site for more tips, tricks and insight into Process and power software.

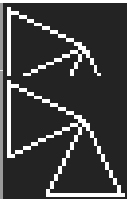


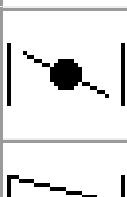


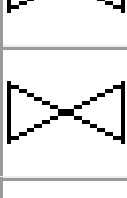
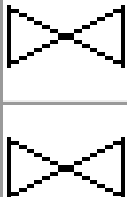


Symbol Keys

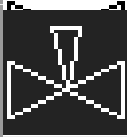



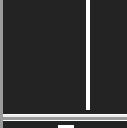


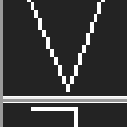

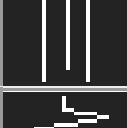


Symbol Key	Block Name	Image	PCF Identifier
EL??	Elbow		ELBOW
EU??	Elbow-180return		ELBOW
BE??	Elbow		BEND
TE??	Tee		TEE
RC??	ReducerConc		REDUCER-CONCENTRIC
CPBW	ReducerConc		REDUCER-CONCENTRIC
CSBW	ReducerConc		REDUCER-CONCENTRIC
ESBW	ReducerEcc		REDUCER-ECCENTRIC
RE??	ReducerEcc		REDUCER-ECCENTRIC


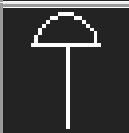
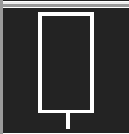
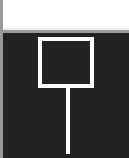
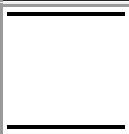

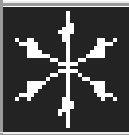
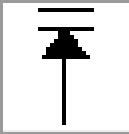
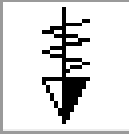
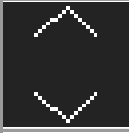
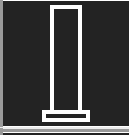



GASK	Gasket		
			
FI??	Filter-Strainer		FILTER
CR??	Cross		CROSS
TY??	Wye		TEE
UN??	Union		UNION
CO??	Coupling		COUPLING
COSC	ScrewedCoupling		COUPLING
CSCP	Coupling-compression		COUPLING, REDUCER- CONCENTRIC
KABW	Cap		CAP
KASC	ScrewedCap		CAP
KASW	ScrewedCap		CAP
NC??	Placeholder		MISC- COMPONENT
NI??	Nipolet		OLET


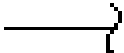
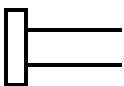
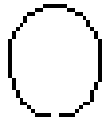
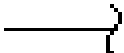


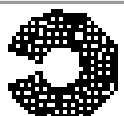
NR??	Nipple		COUPLING
OP	Orifice-RestrictorPlate		INSTRUMENT
PR	Orifice-RestrictorPlate		INSTRUMENT
PL	Plug		MISC-COMPONENT
SB	Fig8Blind_Open		MISC-COMPONENT
SP	Blind		MISC-COMPONENT
SR	Spacer		MISC-COMPONENT
SKSW	Olet1		OLET
TH??	Olet1		OLET
WTBW	Olet1		OLET
HC??	Olet-Half Coupling		OLET
LA??	Latrolet1		OLET
FLSO	Flange		FLANGE
FOSO	Flange		FLANGE

			
FLSI	Flange		FLANGE
FLBL	Flange		FLANGE-BLIND
FLSC	Flange		FLANGE
FLSW	Flange		FLANGE
FLWN	FlangeWN		FLANGE
FOWN	FlangeWN		FLANGE
FLFL	Flange-LJStub-End2		FLANGE
FLLB	Flange-LJStub-End2		FLANGE
FLSE	Stub-End		LAPJOINT-STUBEND
FLGM	Flange-Lined		FLANGE
V3??	3WayValve		VALVE-3WAY
V4??	4WayValve		VALVE-4WAY

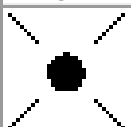
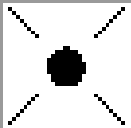
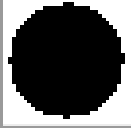

AR??	ValveAngle		VALVE-ANGLE
CAFL	ValveAngle		INSTRUMENT
RA??	ValveAngle		INSTRUMENT- ANGLE
AV??	ValveAngle		VALVE-ANGLE
VB??	BallValve		VALVE
VY??	ButterflyValve		VALVE
CK??	CheckValve-Alt1		VALVE
VC??	CheckValveArrowed		VALVE
VD??	Diaphragm Valve		VALVE
VT??	GateValve		VALVE
VV??	GateValve		VALVE
CV??	GateValve		INSTRUMENT
VS??	GateValve		VALVE
VG??	GlobeValve		VALVE

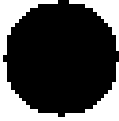
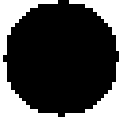
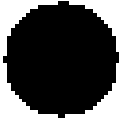
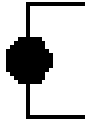
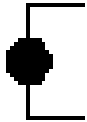


VN??	NeedleValve		VALVE
VP??	GateValve		VALVE
01SP	Operator_Hand1		N/A
02SP	Operator_Spring		N/A
03SP	Operator_Lever		N/A
04SP	Operator_Diaphragm		N/A
05SP	Operator_Hand1		N/A
06SP	Operator_Hand2		N/A
07SP	Operator_Plug		N/A
08SP	Operator_Slide		N/A
09SP	Operator_Alt1		N/A
10SP	Operator_Alt2		N/A

11SP	Operator_Alt3		N/A
12SP	Operator_Alt4		N/A
13SP	Operator_Diaphragm		N/A
14SP	Operator_Alt5		N/A
15SP	Operator_Alt6		N/A
SUPP	Support		SUPPORT
01HG	Support-General		SUPPORT
ANCH	Support-Anchor		SUPPORT
GUID	Support-GUID		SUPPORT
SPRG	Support-SpringHanger		SUPPORT
CLMP	CLAMP		CLAMP
DUCK	Support-Leg1		SUPPORT
HANG	Support-Hanger1		SUPPORT
SKID	Support-SKID		SUPPORT

			
END-CONNECTION-PIPELINE	SplitMark		N/A
END-CONNECTION-EQUIPMENT	EndEquipment		N/A
TAP-CONNECTION	EndTapping		N/A
ISO-SPLIT-POINT	SplitMark		N/A
IIBW	Instrument-Inline		INSTRUMENT
FLOW	FlowArrow		FLOW-ARROW
FLOR	Floor_Symbol		FLOOR-SYMBOL

End Type Keys

Endtype Key	Block Name	Image	PCF Identifier
WF	FieldWeld		
WS	FieldWeld		
WW	Weld		
BW	Weld		

SO	Weld		
WN	Weld		
SJ	Weld		
SW	SocketWeld		
GL	SocketWeld		
SC	Thread		
FL	FittingFlange		
FA	FlareEnd		

Valve to Spindle Mappings

Valve Key	Spindle Key
AV??	01SP
VV??	01SP
VD??	01SP
VG??	01SP
VT??	01SP
VS??	01SP
V3??	01SP
V4??	01SP
VB??	03SP
VY??	03SP
Vk??	03SP

VP??	07SP
CV??	13SP