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Joint setup

Simple joints

Name	End 1	End 2	Fasteners	Required Matches	Optional Matches	Imperial to Metric Connection
Buttweld joint	BV, PL	BV, PL	Buttweld	Nominal Diameter	None	<input type="checkbox"/>
Mixed buttweld joint	BV, PL	BV, PL	Buttweld	Nominal Diameter	None	<input checked="" type="checkbox"/>
Socketwelded joint	PL, SW	PL, SW	Socketweld	Nominal Diameter	None	<input type="checkbox"/>
Threaded joint	THDM, PL	THDF	Thread	Nominal Diameter	None	<input type="checkbox"/>
Flanged joint	FL	FL	Gasket, Bolt Set	Nominal Diameter, Pressure Class, Facing	None	<input type="checkbox"/>
Push fit joint	PL	PFS	Gasket	Nominal Diameter	None	<input type="checkbox"/>
Wafer flanged joint	FL	WF	Gasket	Nominal Diameter, Pressure Class, Facing	None	<input type="checkbox"/>
Wafer wafer joint	WF	WF	Gasket	Nominal Diameter, Pressure Class, Facing	None	<input type="checkbox"/>
Fusion joint	PPL	PPL	Fusion Weld	Nominal Diameter	None	<input type="checkbox"/>
Glue joint	PPL	PSW	Glue	Nominal Diameter	None	<input type="checkbox"/>
Stub-end lapped joint	LAP	BV, PL	Stub End, Buttweld	Nominal Diameter	None	<input type="checkbox"/>
Collared lapped joint	LAP	BV, PL	Collar, Buttweld	Nominal Diameter	None	<input type="checkbox"/>
Grooved joint	PL, GRV	GRV	Clamp	Nominal Diameter, Pressure Class, Facing	None	<input type="checkbox"/>
Lug joint	FL	LUG	Gasket, Bolt Set	Nominal Diameter, Pressure Class, Facing	None	<input type="checkbox"/>
Slip on weld joint	SO	BV, PL	Slip On	Nominal Diameter	None	<input type="checkbox"/>
Tap joint	TAP	BV, PL	Tap Weld	Nominal Diameter	None	<input type="checkbox"/>
Threaded tap joint	TAP	THDM, PL	Thread	Nominal Diameter	None	<input type="checkbox"/>
Mechanical joint	MJM, PL	MJF	Gland	Nominal Diameter	None	<input type="checkbox"/>
Mechanical joint without ...	MJP	MJF	Universal	Nominal Diameter	None	<input type="checkbox"/>
Placeholder joint	Universal_ET	Universal_ET, BV, PL, THDM, ...	Universal	Nominal Diameter	None	<input type="checkbox"/>

- Add...
- Modify...
- Delete

Compound joints

Name	End 1	End 2	Connection Part	Imperial to Metric Connection
Auto flange joint	FL, WF, LUG	PL, BV, THDM, Universal_ET	Flange	<input type="checkbox"/>
Mixed auto flange joint	FL, WF, LUG	BV, PL, Universal_ET	Flange	<input checked="" type="checkbox"/>
Auto sleeve joint	MJM	MJM, MJP, PL	Sleeve	<input type="checkbox"/>
Auto thread joint	THDM	THDM, PL	Coupling	<input type="checkbox"/>

- Add...
- Modify...
- Delete

Pipe segments

Minimum length:  
25

Weld gaps

Use weld gaps  
Gap size:  
3

Weld dots

Diameter:  
6

Wafer bolts

Round up to nearest:  
10

Color	Blue
Layer	0
Linetype	ByLayer
Linetype scale	1
Plot style	ByColor
Lineweight	ByLayer
EntityTransparency	ByLayer
Hyperlink	

<b>3D Visualization</b>	
Material	ByLayer
Shadow display	Casts and Receives Sh...

<b>Plant 3D</b>	
Rotation	0
Flip	No
Class	Socketweld
Spec	CP14
Size	*VARIES*

<b>Tag</b>	
Line Number Tag	*VARIES*

<b>General</b>	
Short Description	Socketweld
Long Description (S...	Socketweld
Long Description (F...	
Insulation Thickness	?
Insulation Type	?
Service	?
Compatible Standard	
Manufacturer	
Item Code	
Design Std	
Design Pressure Fac...	
Weight	

after setting change this gives the option to swap to either butt weld or socket weld. SW selected for both positions

after setting change these still only give option for socket weld



