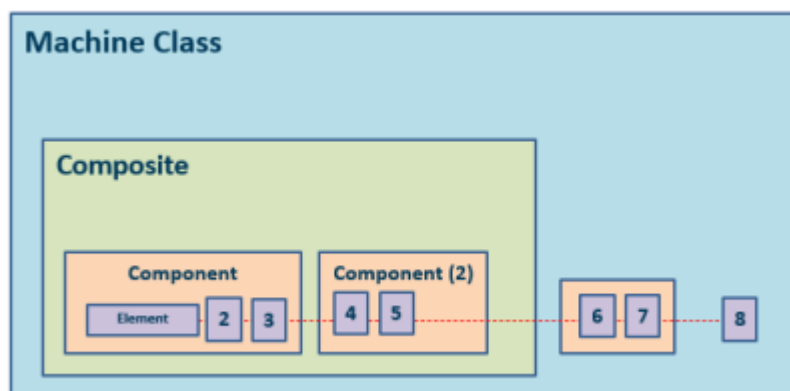
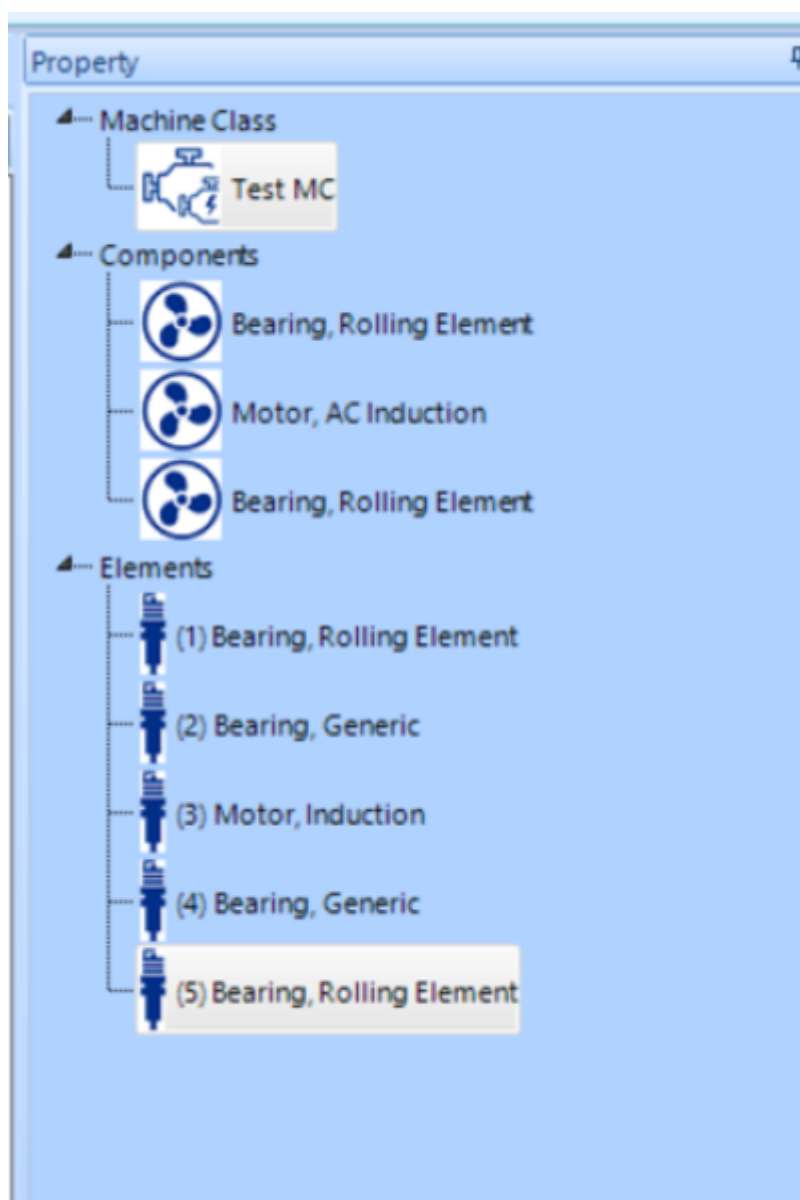


VDS Machine Builder



Machine Structure



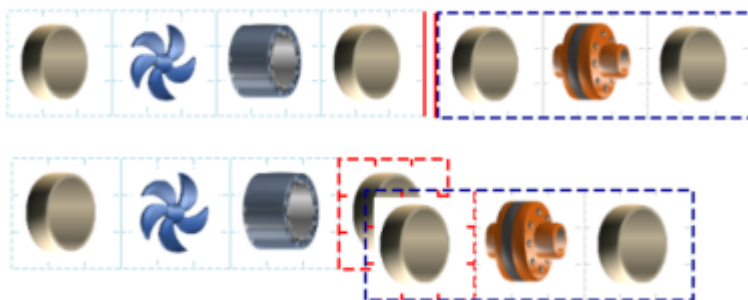
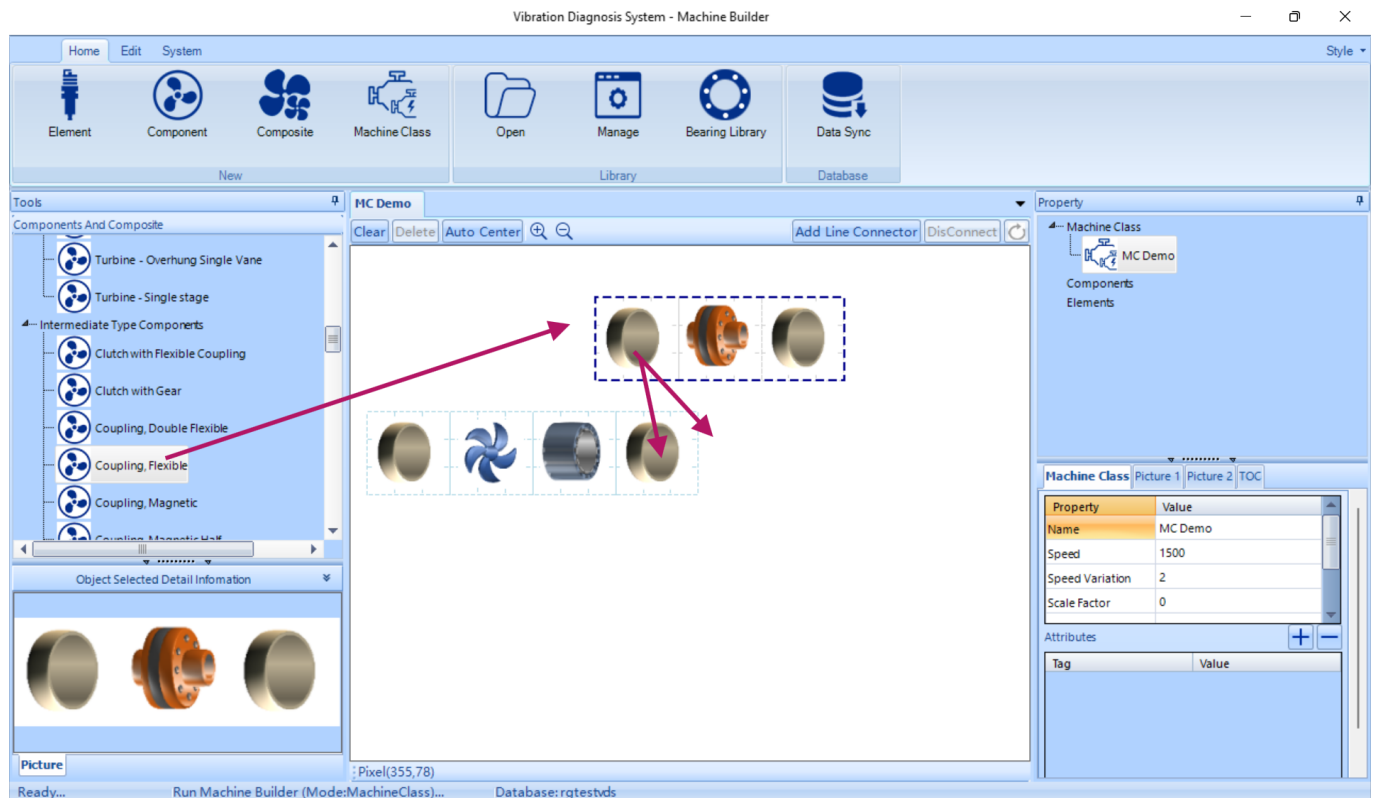
Machine Class: The machine class represents the full model of the machine. Includes RPM and speed variation information. Automated diagnostics are run at the machine class level

Composites: composites are composed of several components and are used for inter-component issues i.e. pulleys and gear compressors.

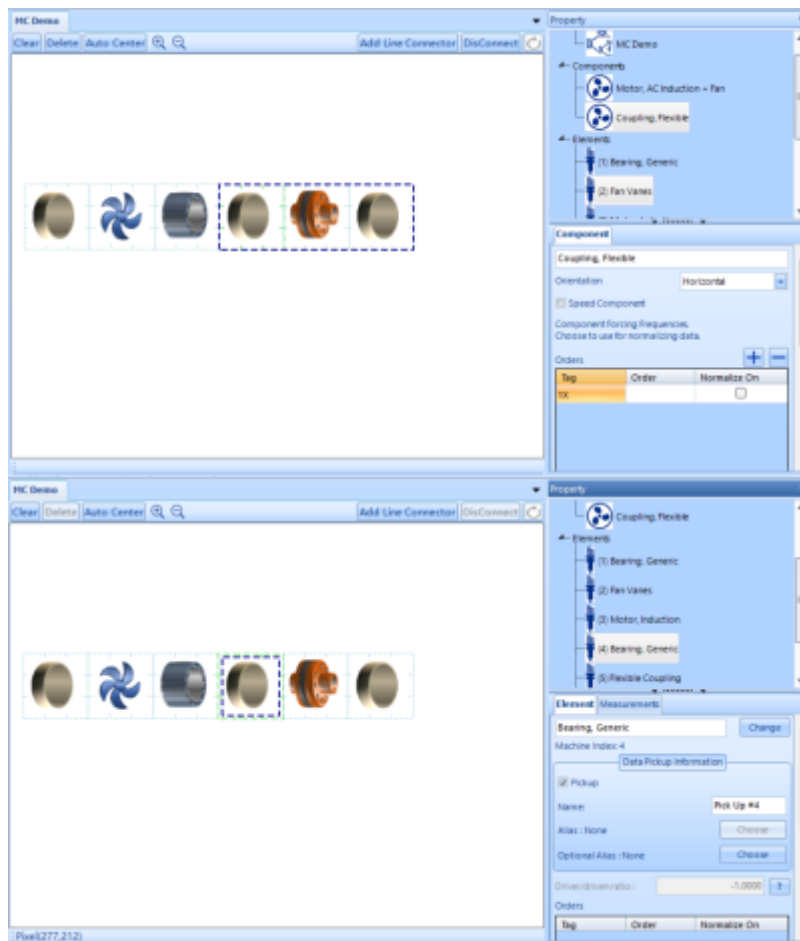
Components: collection of elements on a single shaft

Elements: a mechanical part i.e. bearings, fans, and motors

Machine Construction



Component and element features can be edited by selecting either the component or sub element in the demo window or property selection. To select an element in the demo window 1st click on the part to select the component then click again to enter element selection.



Component settings allows you to set the speed component.

Element

Measurements

Bearing, Generic

Change

Machine Index: 4

Data Pickup Information

☒ Pickup

Name:

Pick Up #4

Alias : None

Choose

Optional Alias : None

Choose

Driver/driven ratio :

-1.0000

?

Orders

Tag	Order	Normalize On
FBS		☐
FIR		☐
FOR		☐
FT		☐

Attributes

Attribute	Value
MFR	
SIZE	

Element settings allows for you to select if the element is a pickup point and adjust diagnostic features as well as input information such as forcing orders and pole count.

From:

<https://help.go-ci.com/> - **Crystal Instruments Help**

Permanent link:

<https://help.go-ci.com/vds:machinebuilder?rev=1782419759>

Last update:

2026/06/25 20:35