

Dear Sirs of SciChart Ltd

Hi, I'm using SciChart version 5.1.1.11473, runtime v4.0.30319 and SciChartEx 1.0.0.0.

I am having difficulty using **LineArrowAnnotation** and I need some help to solve my problem.

. What's my problem?

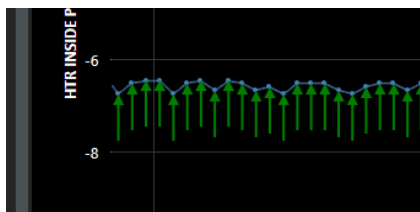
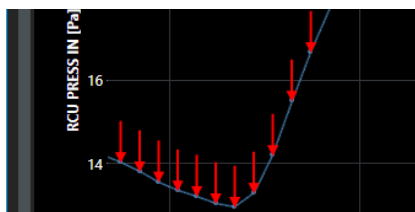
My problem is when I use the zoom and the size of the arrows.

When I zoom I need the length of the arrow not to change.

What process do I need to do to make the arrow the same size even when zoomed in?

. Below is a brief explanation of the program.

I made a linear graph where in certain points I show arrows down or up on the screen. (see example below)



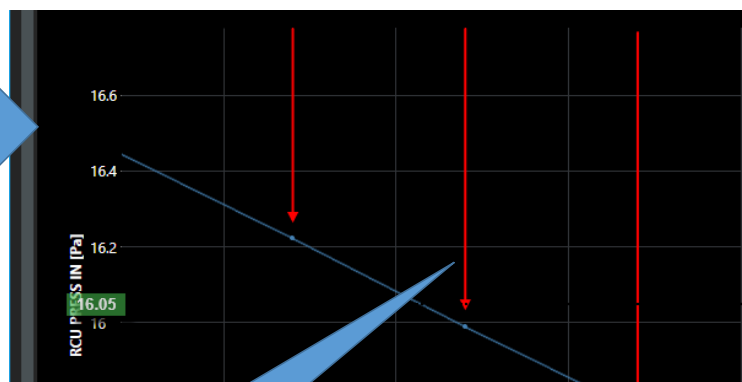
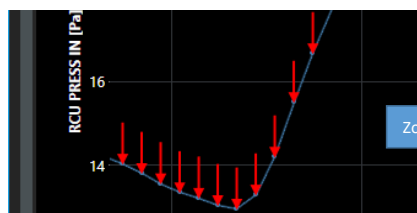
With "HeadLength" and "HeadWidth" I can make the arrow head, the arrow body I am using "Y1" and "Y2". (see example below)

```
if (chartModel.OverUpperLimitValues.Count > 0)
{
    for (int i = 0; i < chartModel.OverUpperLimitValues.Count; i++)
    {
        var a = new LineArrowAnnotation();
        a.X1 = chartModel.OverUpperLimitValues.XValues[i];
        a.Y1 = chartModel.OverUpperLimitValues.YValues[i] + 1.0;
        a.X2 = chartModel.OverUpperLimitValues.XValues[i];
        a.Y2 = chartModel.OverUpperLimitValues.YValues[i] + 0.05;
        a.HeadLength = 3.0;
        a.HeadWidth = 6.0;
        a.Stroke = new SolidColorBrush(Colors.Red);
        a.StrokeThickness = 2;
        a.AnnotationCanvas = AnnotationCanvas.AboveChart;
        Annotations.Add(a);
    }
}
```

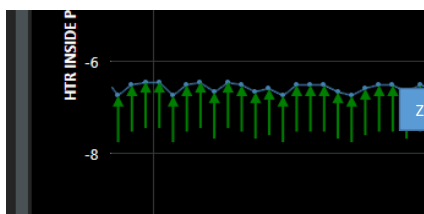


When I zoom, I noticed that the arrow head does not change, but the length of the arrow does.

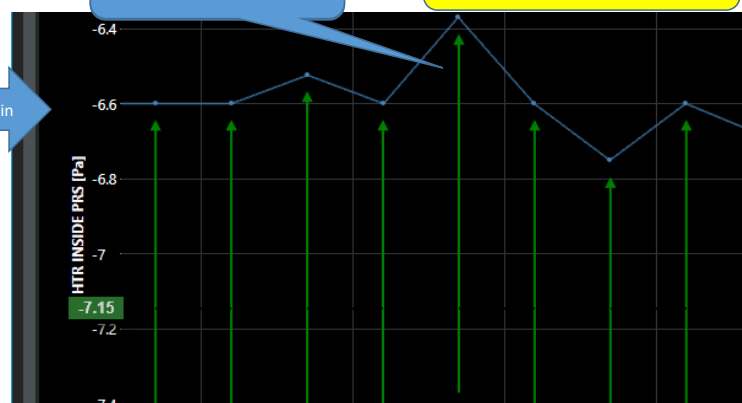
I need this length of arrow not to change like the head of the arrow.



When I zoom I need the length of the arrow not to change.



Zoom in



Finally, I apologize for my lack of knowledge of the products of your lordships.

And thanks for the attention paid.

Waiting for an answer. Hamilton