

## CTW Probe software – Import CSV

With the release of Version 24.2.14.1015, CTW software users can now import a CSV table to generate a target graph. This can help a user create the curve they want and then match it by collecting data of the damper. There is also more import functions for a greater expansion of what has been done before.

### Format for a PVP:

Examples of a PVP Table using US standard units and Metric units. Everything is handled by Probe for conversion of units. IF Probe is set for M/s, you can still use mm/s in your table. It will convert.

\*\* Note: Convention in CTW Probe as well as historical Roehrig Shock6 is for Compression to be positive and Velocity to be negative. This only matters when viewing the Force v Velocity graph.

\*\* You cannot import a CSV that is open. Close file before trying.

	A	B	C
1	Velocity	Force	
2	in/s	lbs	
3	5	-500	
4	2	-300	
5	0	0	
6	-2	300	
7	-5	400	
8			
9			

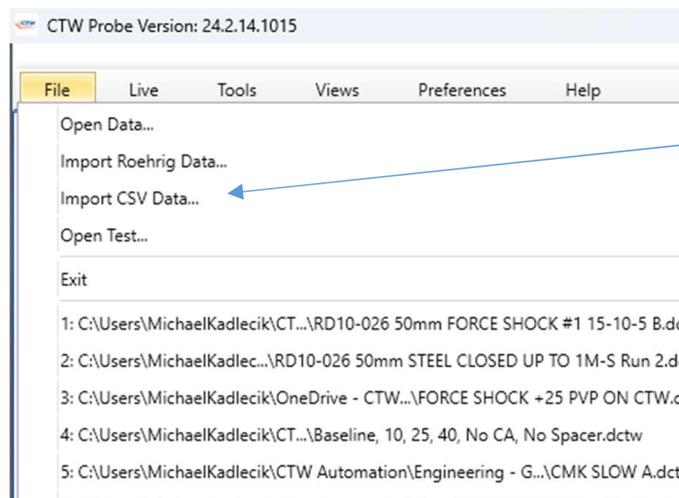
  

	A	B	C
1	Velocity	Force	
2	mm/s	N	
3	254	-6500	
4	127	-4000	
5	76.2	-3000	
6	25.4	-1000	
7	0	10	
8	-25.4	500	
9	-76.2	1500	
10	-127	2500	
11	-254	4000	
12			

Format of PVP Table

### To import a CSV in Probe:

Under File (toolbar) select “import CSV Data...”



Select – Import CSV Data...

### Import feature – selecting a CSV data file



Advanced Import functions

You can also import a larger CSV that contains Displacement so that you can create a Force vs. Displacement graph to use as a target / visual validation.

	A	B	C
1	Displacement	Velocity	Force
2	in	in/s	lbs
3	0.074930617	-4.940033717	94.63472518
4	0.079859573	-4.92761618	94.63472518
5	0.0848934	-4.915205942	94.63472518
6	0.089822356	-4.903096361	94.63472518
7	0.094751312	-4.892632917	94.63472518
8	0.099575397	-4.88564126	94.63472518
9	0.10429461	-4.883280706	94.4879842
10	0.109223566	-4.885315195	94.4879842

**Example Format – for Full Cycle – Force vs. Displacement**