

Profile Dimension Advanced Tool User Manual

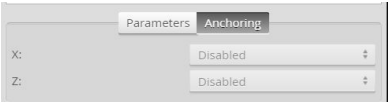
1. General introduction

The Dimension tool provides Width, Height, Distance, Center X, and Center Z measurements.

2. Parameters

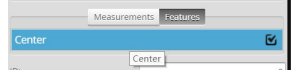
Feature1 Feature2	The Feature 1 and Feature 2 settings represent the two features the tool uses to perform measurements. For each, one of the following: • Max Z • Min Z • Max X • Min X • Corner • Average • Rising Edge • Falling Edge • Any Edge • Top Corner • Bottom Corner • Left Corner • Right Corner • Median	
Region1 Region2	To set the region of a feature, adjust it graphically in the data viewer, or expand the feature using the expand button (⋮) and enter the values in the fields	

3. Anchor

X,Z	Lets you choose the X, or Z measurement of another tool to use as a positional anchor for this tool.	
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4. Measurements and Features

Measurements	Width	Determines the difference along the X axis between two feature points. The difference can be calculated as an absolute or signed result. The difference is calculated by: $Width = Feature\ 2_{x\ position} - Feature\ 1_{x\ position}$	
	Height	Determines the difference along the Z axis between	

		two feature points. The difference can be expressed as an absolute or signed result. The difference is calculated by: $Height = Feature\ 2_{Z\ position} - Feature\ 1_{Z\ position}$	
	Distance	Determines the direct, Euclidean distance between two feature points.	
	Center X	Finds the average location of two features and measures the X axis position of the average location	
	Center Z	Finds the average location of two features and measures the Z axis position of the average location.	
Features	Center	The middle point of the two feature points	

5. Application Example