



# 1 Dimensions

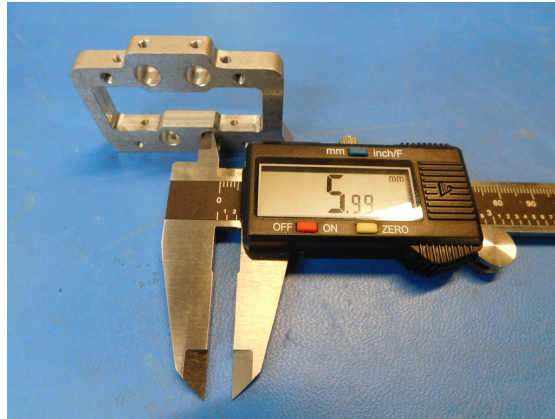


Figure 2: Dimension 42

We will be using a set of calipers to take all measurements for this part. Take note of the failures for dimension 41, I confirmed these were still passing by using a 6.12 pin gauge. Dimension 42 was double checked with a 6.12mm pin gauge when they seemed like they failed. The gauge could not fit into any of them it was deemed passable.

Item	Dimension	Tolerance	Mean	Fallout Rate
Dim19	18.45	$\pm 0.25$	18.34	3.91%
Dim22	26.95	$\pm 0.25$	26.80	37.49%
Dim27	6.40	$\pm 0.25$	6.41	0.0%
Dim30	12.43	$\pm 0.25$	12.44	1.21%
Dim37	23.50	$\pm 0.25$	23.53	0.0002%
Dim41	$\varnothing 6$	+0.125 -0.0	6.07	11.58%