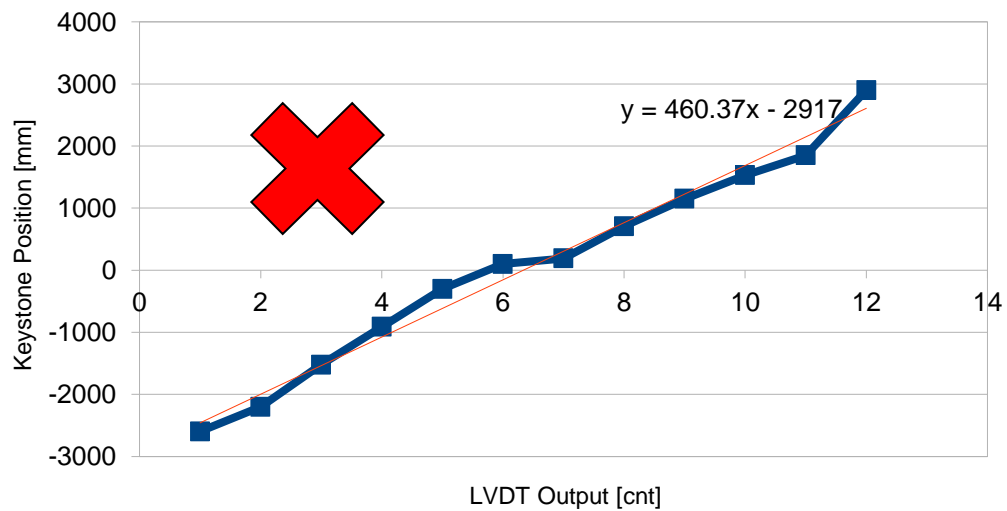


Calibration of F0 LVDT

19/09/2017 Klog 3385

F Rod [mm]	Keystone [mm]	RTM [cnt]
14.27	141.8	-2595
35	142.8	-2200
40	143.2	-1520
45	143.8	-910
50	144.4	-300
54	144.7	100
55	144.8	190
60	145.1	710
65	145.6	1150
70	145.9	1530
75	146.1	1850
82.8	146.8	2900

F0 LVDT Calibration



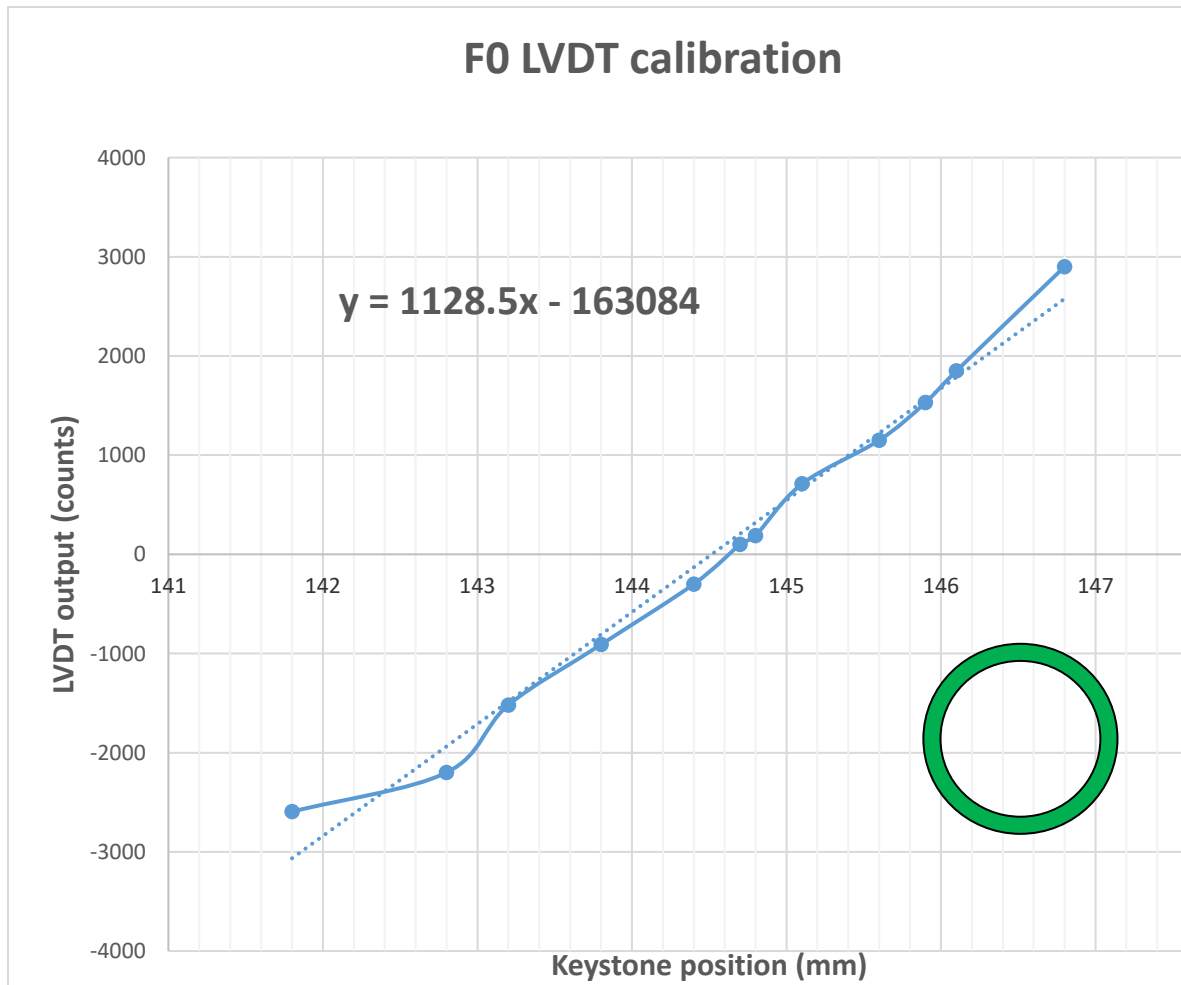
The plot above was made with the keystone position data formatted as text not as numbers. That's the reason the data in the horizontal axis is just the data point number.

It also happens that the axes labels are the other way

F0 LVDT

... it also happens that the axes rotate and the center may, around. However, the calibration factor which was written in the medm screen ($2.174 \mu\text{m}/\text{count}$) was calculated considering the keystone position in the horizontal axis and the LVDT output in the vertical one.

F0 LVDT



F0 LVDT

F0 LVDT

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