

# Lightguide Production

Report, Jul 24

# Summary

	Date Jul 17											
	A	B	C	D	E	F	G	H	J	K	Sets of 40 guides	
First Article Required	8	8	8	8	8	8	8	8	8	8	8	2
First Article Completed	8	8	8	8	8	8	8	8	8	8	8	2
Shipped to JLab	8	8	8	8	8	8	8	8	8	8	8	2
Production required	392	392	392	392	392	392	392	392	392	392	392	98
Jigs for machining	1	1	1	1	1	1	1	1	1	1	1	
Machined	0	69	73	72	71	71	86	70	0	0	0	0
Machined Dimensions checked (caliper&Jlab light guide gauge)	0	64	54	35	51	56	36	41	0	0	0	0
Polished	0	60	0	34	51	53	0	0	0	0	0	0
Polished Dimensiones checked	0	0	0	0	0	0	0	0	0	0	0	0
Shipped	0	0	0	0	0	0	0	0	0	0	0	0

# Task

- Production (200 stock machining)
- Dimensional Control

CP	1.985	2.381	2.753		1.908	4.094	2.492		
CPK	1.923	2.362	2.666		1.896	3.920	2.403		
CPM	1.951	2.377	2.663		1.907	3.631	2.407		
K	3.151	-0.812	3.188		0.657	4.239	3.593		
Sobremedida	0	0.1	0.11		0.06	0.06	0.06		
Tolerancia/2	0.127	0.127	0.127		0.127	0.127	0.127		
Valor Nominal	20.574	21.641	20.968		13.208	13.64	13.208		
ES	20.701	21.768	21.095		13.335	13.767	13.335		
EI	20.447	21.514	20.841		13.081	13.513	13.081		
Promedio	20.578	21.740	21.082		13.269	13.705	13.273		Promedio
Desviación Estandar	0.021	0.018	0.015		0.022	0.010	0.017		Desviación Estandar
y	Cota A	Cota B	Cota C	alpha	Cota D	Cota E	Cota G	beta	
0.221	20.584	21.752	21.093		13.273	13.709	13.277		
0.222	20.596	21.740	21.082		13.308	13.713	13.268		
0.224	20.594	21.743	21.070		13.276	13.706	13.278		
0.226	20.543	21.747	21.086		13.250	13.715	13.297		
0.237	20.561	21.705	21.060		13.252	13.704	13.271		
0.233	20.590	21.753	21.102		13.254	13.686	13.245		