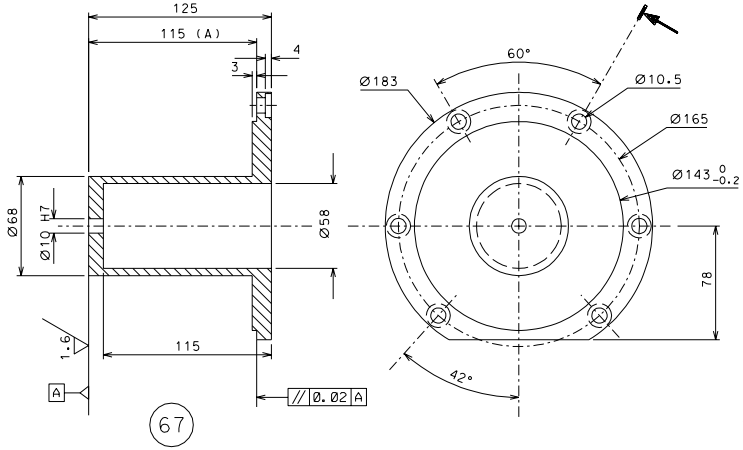
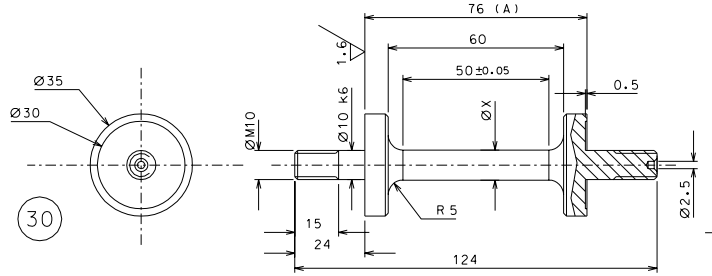
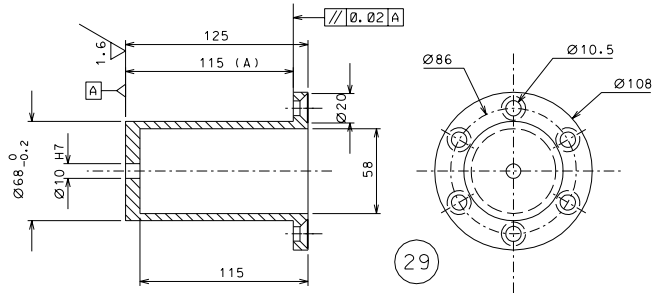




X= 4 reference for 10 Kg load,
adjust according to required load.
See drawing 51213
X= 9.5 reference for 1000 Kg load,
adjust according to required load

X= 10.3 for 2006 LASTI prototype (1430 Kg)

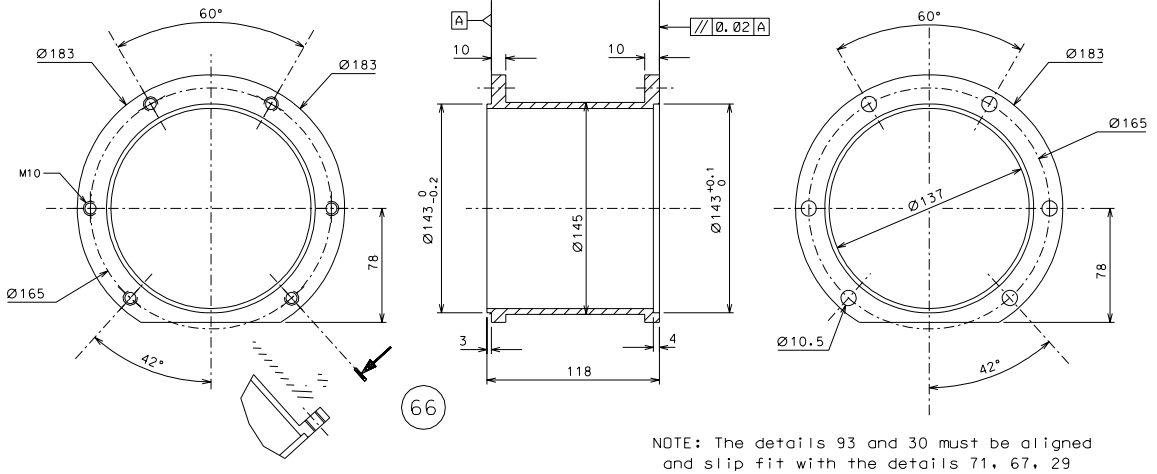


NOTE: The quotes marked with (A) in parts
66,67,30 and 29 must be equal to 0.01

	added tolerance to parts 66,67,29,39					17-08-06		
	modified part 66 and 30					21-07-06		
	modified holes part 29-66-67					18-07-06		
	modified dimension part 67					07-06-06		
ref.	note					date	signature	

modifications

ref.	pieces	mat. and treatments	scale	ref.	pieces	mat. and treatments	scale
67	2	AISI 304	1/2.5				
66	2	AISI 304	1/2.5				
30	4	maraging	1/2.5				
29	2	AISI 304	1/2.5				



NOTE: The details 93 and 30 must be aligned
and slip fit with the details 71, 67, 29

General machining tolerances UNI 5307-63

Dimensions	< 6	>6-30	>30-120	>120-315	>315-1000	>1000-2000	>2000-4000	> 4000
linear Toll.	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2	± 3
angular Toll.	± 1	± 30'	± 20'	± 10' refered to the shortest side				

LIGO PROJECT

designed for R.De Salvo
drew. by G.Gennaro-PROMEC
date 08-01-05
scale 1/2.5

title HAM-OPTICAL BENCH
INVERTED PENDULUM

LIGO-D051135-04-D

detail from 107
A 2