

List of Loads for clean room operation [all in kg]

	Tower B-1	Tower B-2
Recoil mass e mirror	23,96	69,81
Intermediate mass	29,29	61,71
Bottom filter	102,58	idem
Filter standard	118,58	idem

Nominal load of Filters

6 Filters B1	$24+29.5+103 = 156.5$
1 Filter B2	$69+62+103 = 234$
4 Filters 3	300
4 Filters 2	$300 + 118 = 418$
4 Filters 1	$300 + 118 + 103 = 536$

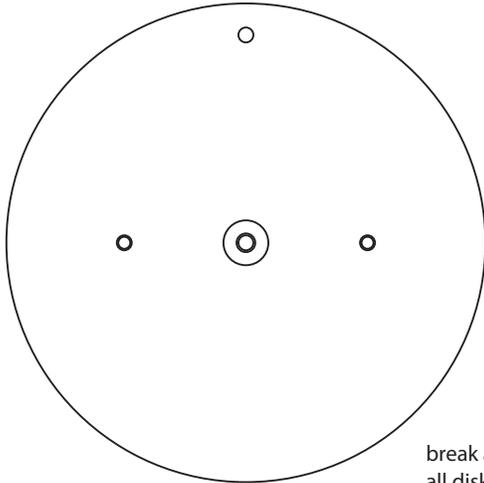
Filters to be produced next year

6 Filters top B1	$24+29.5+103 +118 = 274.5$
1 Filter top B2	$69+62+103 + 118 = 352$
4 Filters top	$300 + 118 + 118+118 = 654$

6 Filters bottom B1	$24+29.5 = 53.5$
1 Filter bottom B2	$69+62= 131$
4 Filters bottom	$24+29.5 = 53.5$ minimum

the loads for the clean room will be made of nickel plated steel disks as detailed in sketch attached.

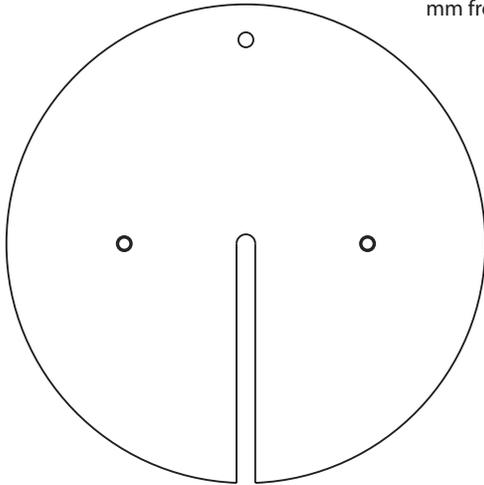
A storage rack is also needed.



1 base disk
 diameter 640
 materia: steel nickel plated
 thickness 50
 central hole m12
 30 mm counterbore 15 mm deep
 2 m10 holes on 320 diameter
 weight approximately 125 kg

1 base disk
 diameter 640
 materia: steel nickel plated
 thickness 50
 central hole m12
 30 mm counterbore 10 mm deep
 2 m10 holes on 320 diameter
 weight approximately 50 kg

break all edged with 1 mm bevel
 all disks to be provided with 8 to 10 mm diameter hole 30-40 mm from edge, to suspend the disk in the nickel plating bath

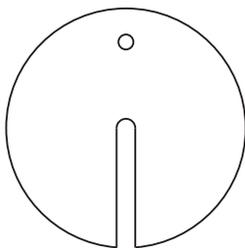


22 slotted disks
 diameter 640
 materia: steel nickel plated
 thickness 10
 central hole plus slot 13 mm
 2 m10 holes on 320 diameter
 weight approximately 25 kg

2 slotted disks
 diameter 640
 thickness 5
 weight approximately 12.5 kg



4 slotted disks
 diameter 160
 materia: steel nickel plated
 thickness 10
 central hole plus slot 13 mm
 weight approximately 1.5 kg

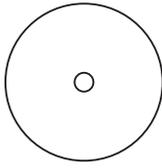


4 slotted disks
 diameter 320
 materia: steel nickel plated
 thickness 10
 central hole plus slot 13 mm
 weight approximately 6 kg

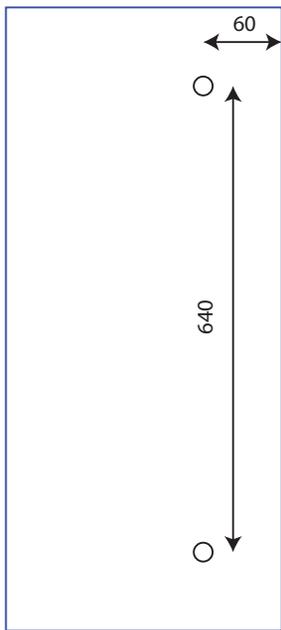
4 slotted disks
 diameter 320
 thickness 5
 weight approximately 3 kg

4 slotted disks
 diameter 160
 thickness 5
 weight approximately 0.75 kg

similar disks diameter 80 mm
 4 thickness 10 and
 4 thickness 5 mm



24 disks aluminum 100 mm diameter
25 mm thick, 12.5 mm diameter hole



13 plates 740 length, 350 height
12 mm thick nickel plated
two 12.5 mm diameter holes

