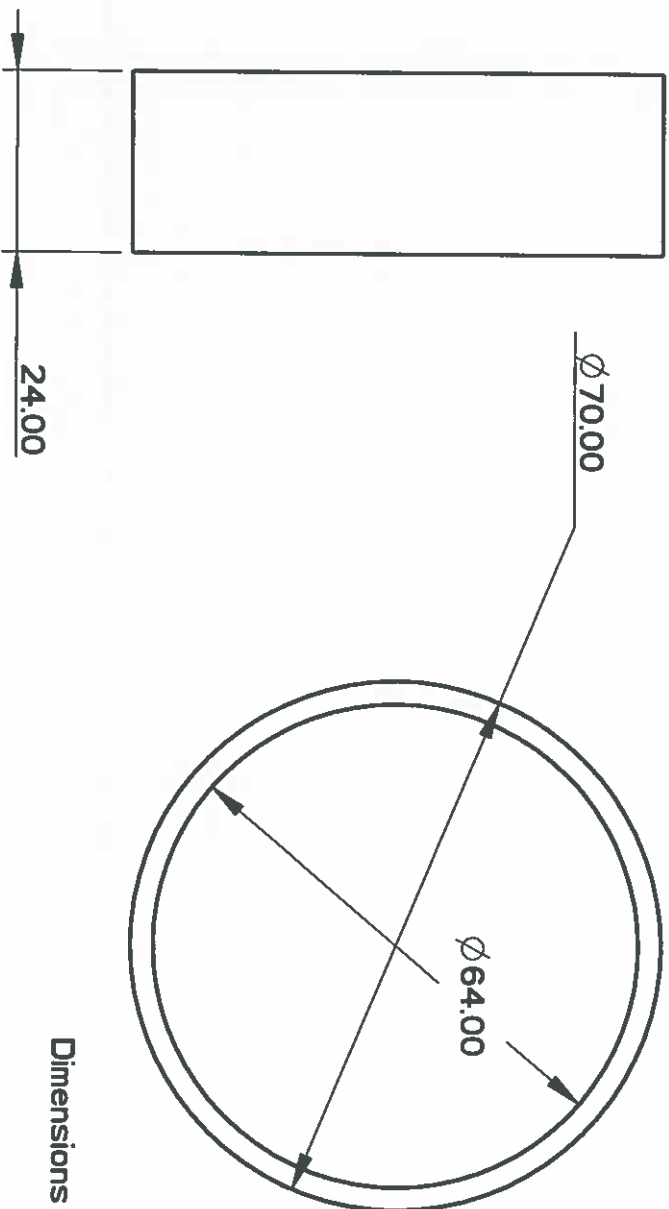



Group B BOM

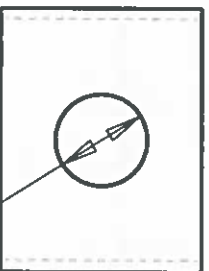
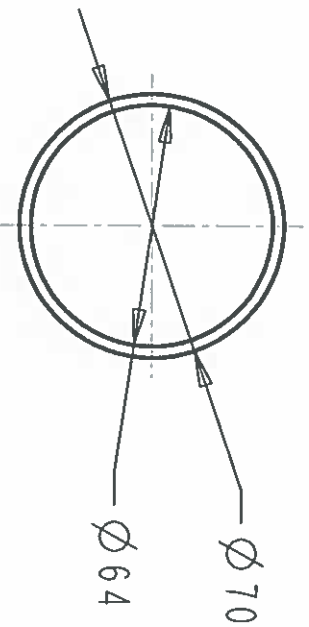
| Part Name | Quantity |
|--------------------------------|----------|
| Shell | |
| Head | 1 |
| Feed head | 1 |
| Body | 1 |
| | |
| Copper tube | |
| Copper_tube | 24 |
| | |
| Baffle and end material | |
| Feed_centre_plate | 1 |
| Central_plate | 1 |
| Baffle_2 | 6 |
| Tubeplate | 2 |
| Plate_end | 2 |



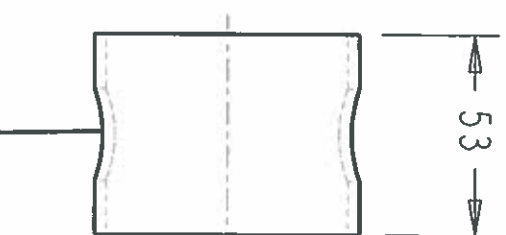
Dimensions to stock

1x part required

| Tolerances | |  Cambridge University Engineering Department | | | |
|------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|-------|----------|
| Units | mm | | | | |
| Linear | 0.1 | | | | |
| Angular | 0.5 | | | | |
| Material | material type | <div>part.name</div> | | | |
| Drawn | E. Hollingsworth | | | | |
| Tel | (01223) 332800 | | | | |
| e-mail | en01@eng.cam.ac.uk | | | | |
| Project | Project | | | | |
| HEAD | | Format | Scale | Sheet | • Sheets |
| A4 | | 1:1 | 1:1 | 1 | 1 |
| 22-May-18 | | | | | |




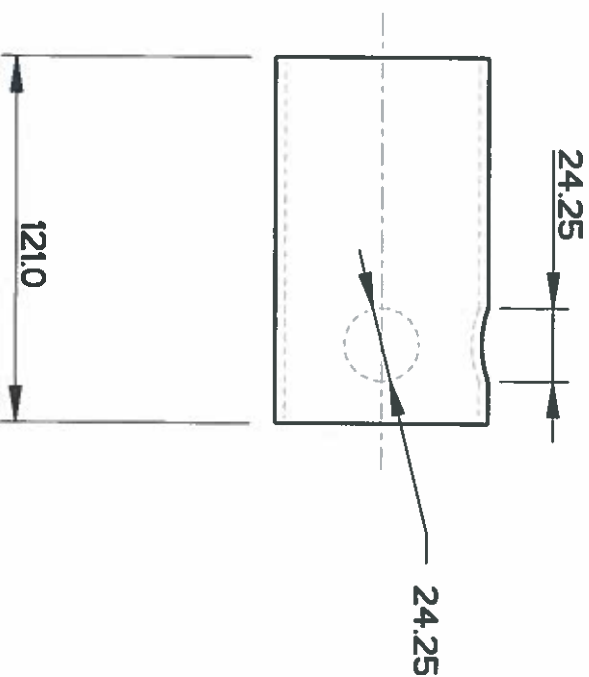
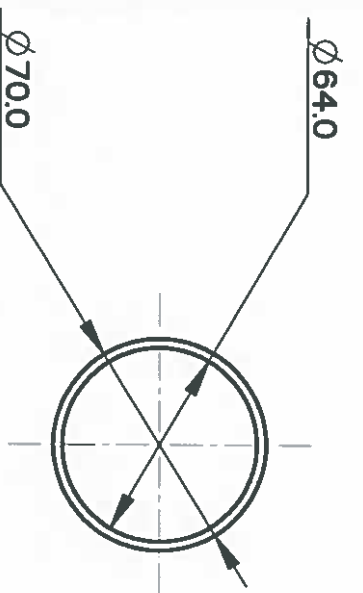
24.25



please glue on 3d printed nozles

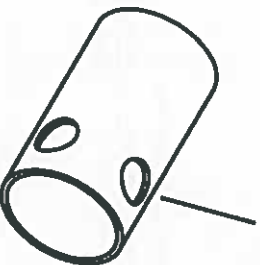
1 x part required

| Tolerances | |  Cambridge University Engineering Department | | | |
|------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|----------|
| Units | mm | | | | |
| Linear | 0.1 | | | | |
| Angular | 0.5 | | | | |
| Material | material type | part name <div>FEED-HEAD</div> | | | |
| Drawn | E. Hallgren | | | | |
| Tel | (0222) 332600 | | | | |
| e-mail | engX@eng.cam.ac.uk | | | | |
| Project | | | | | |
| | | Format | Scale | Sheet | • Sheets |
| | | A4 | 0.500 | 1 | 1 |
| | | Date | | 04-May-05 | |



Please glue on 3d printed nozzles

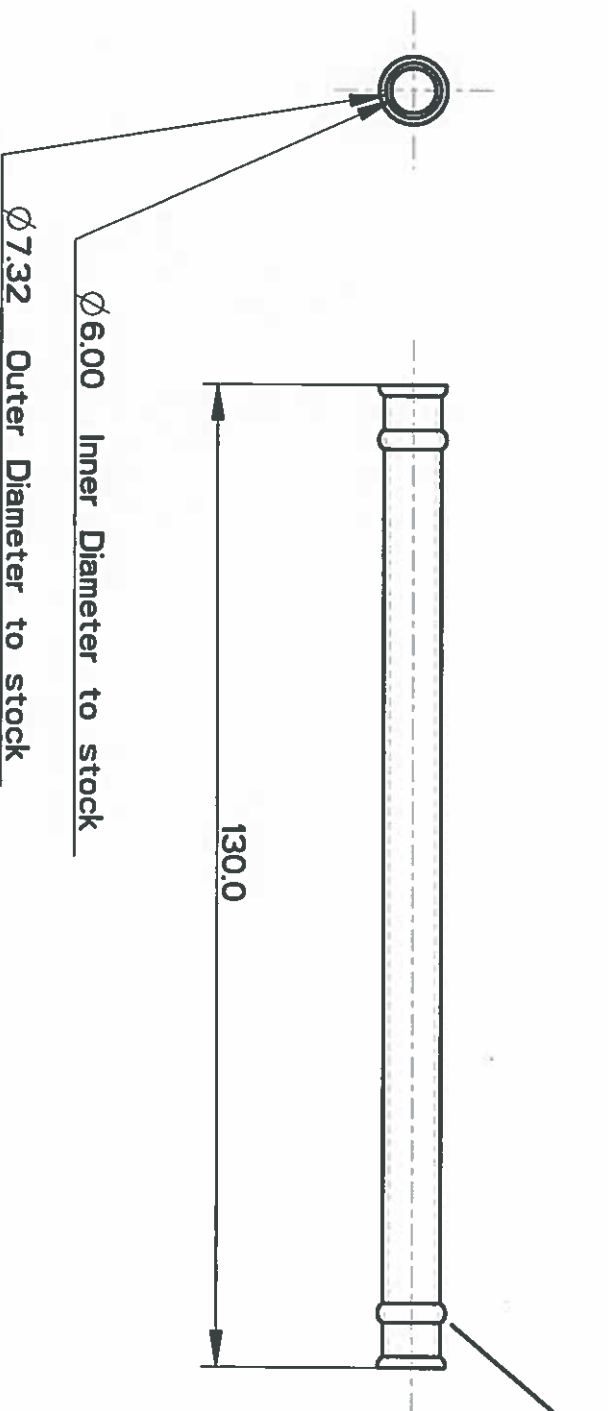
1x part required



SCALE 0.250

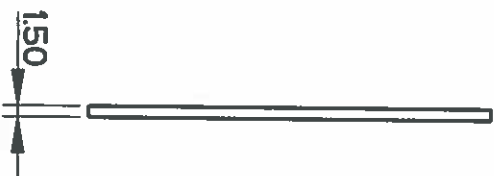
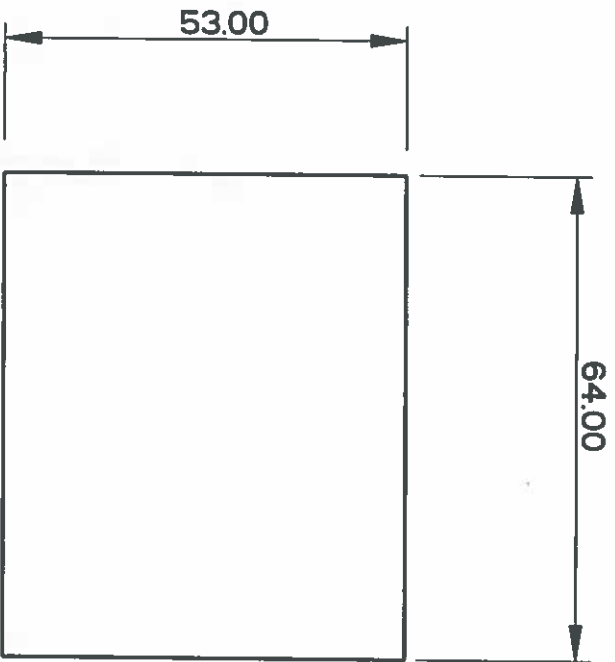
| Tolerances | | Cambridge University Engineering Department | | | |
|------------|---------------------|------------------------------------------------|-------|-------------|------------|
| Units | mm | | | | |
| Linear | 0.1 | | | | |
| Angular | 0.5 | | | | |
| Material | material type | MAIN BODY SHELL | | | |
| Drawing | E. Hallingworth | | | | |
| Tel | (0)223 332800 | | | | |
| e-mail | enr00@eng.cam.ac.uk | | | | |
| Filename | | BODY | | Sheet 1 | • Sheets 1 |
| Project | | Format | Scale | Date | |
| | | A4 | 1:1 | 22 May 2012 | |

Please do not form the swages




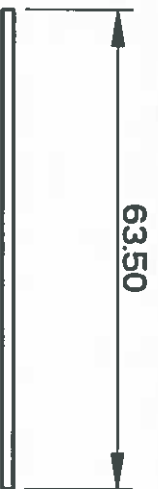
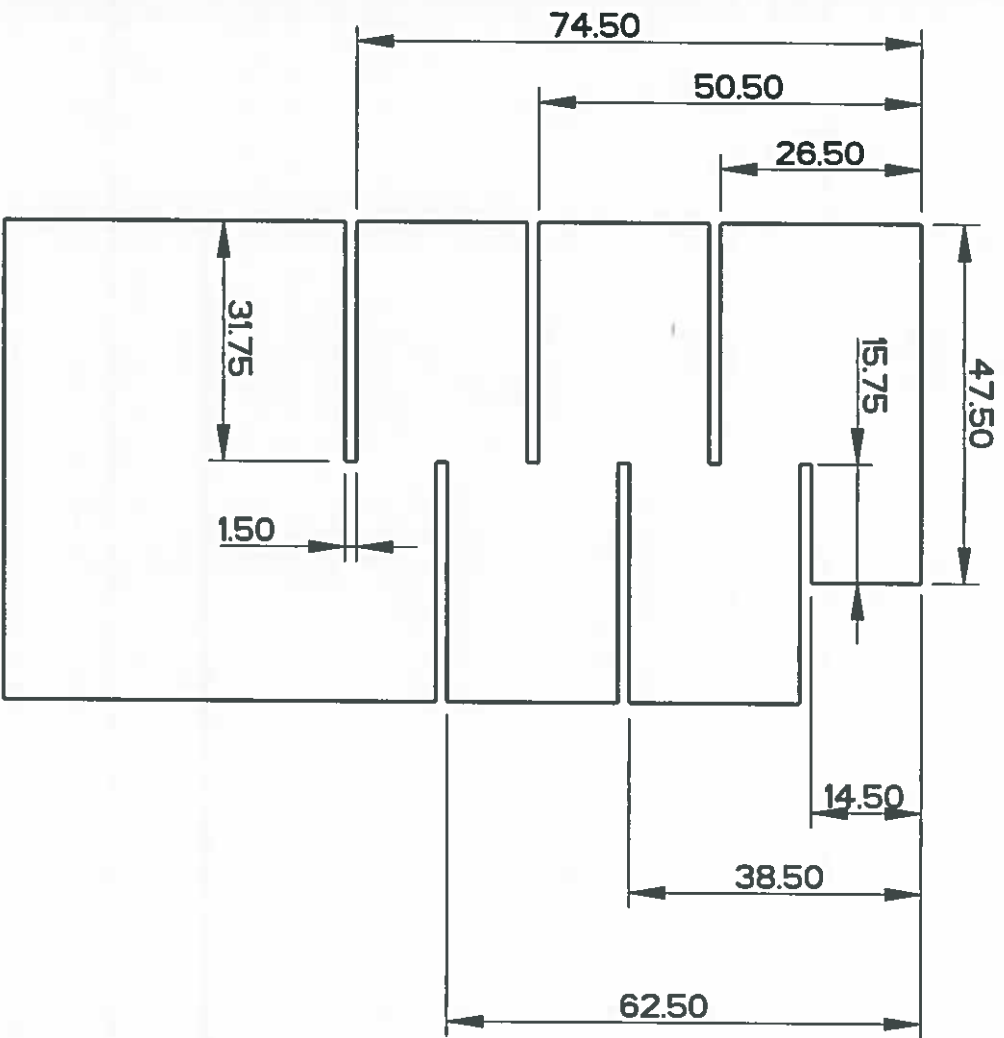
24x straight tubes required

| Tolerances | | Cambridge University Engineering Department | | | |
|--------------|-----------|------------------------------------------------|----|-----------|------------|
| Units | mm | | | | |
| Linear | 0.1 | | | | |
| Angular | 0.5 | | | | |
| No. required | 24 | COPPER TUBE | | | |
| Drawn | G.J. Solo | | | | |
| Tel | | | | | |
| e-mail | | | | | |
| Formname | | COPPER TUBE | | Sheet 1 | • Sheets 1 |
| Project | | Format | A4 | Scale | 1:1000 |
| | | Date | | 22-Nov-10 | |

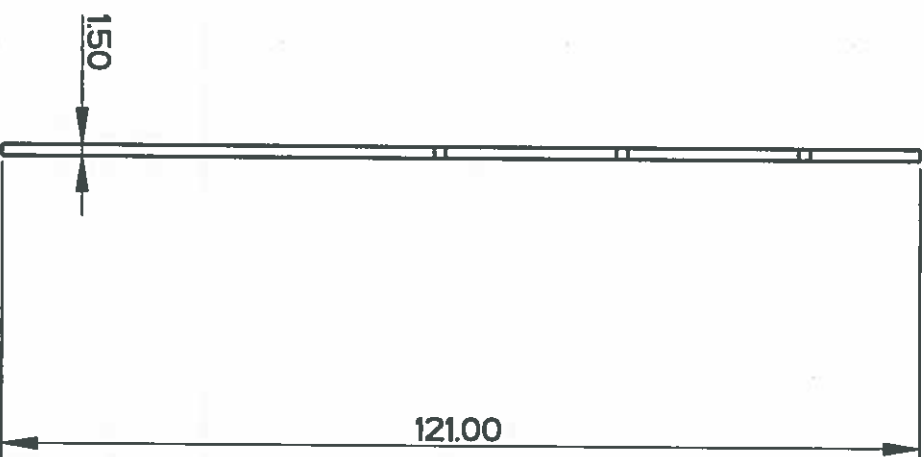





1x part required

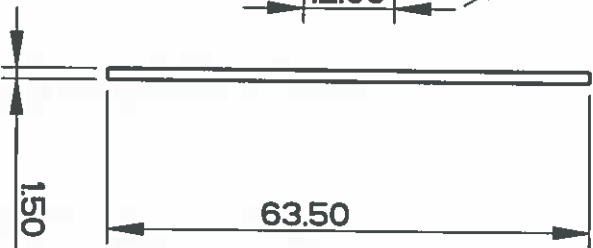
| Tolerances | |  Cambridge University Engineering Department | | | |
|------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------|-------|--------------|
| Units | mm | | | | |
| Linear | 0.1 | | | | |
| Angular | 0.5 | | | | |
| Material | material type | Feed Centre Plate | | | |
| Drawn | ALL Other | | | | |
| Tel | (01223) 332800 | | | | |
| e-mail | info@xyceng.com.ac.uk | | | | |
| Project | Project-np | | | | |
| | | FEED CENTRE PLATE | Format | Scale | Date |
| | | | A4 | 1:000 | 22-May-18 |
| | | | | | Sheet 1 of 1 |





Number Required: 1

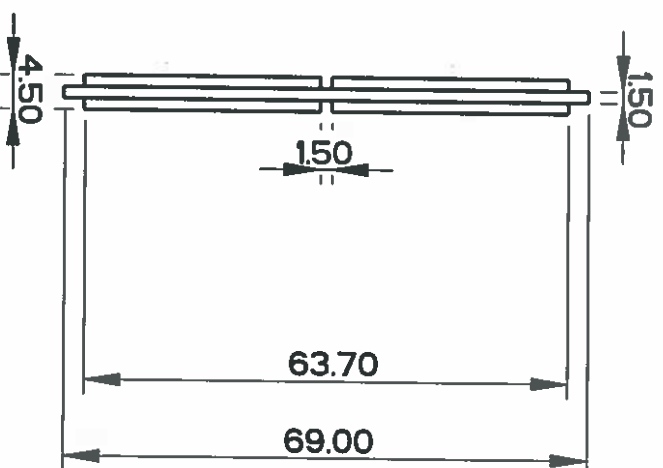
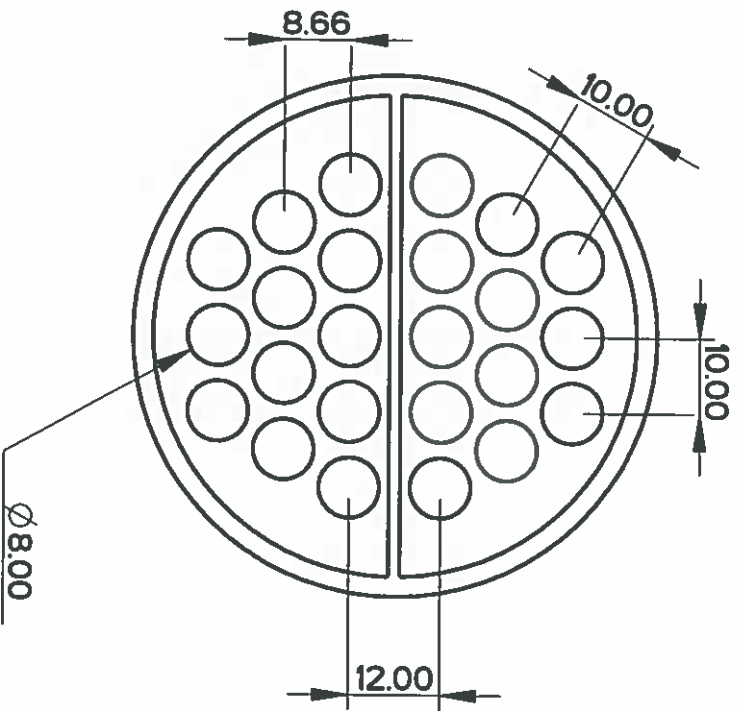


| Tolerances | |  Cambridge University Engineering Department | | | |
|------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------|-----------|
| Units | mm | | | | |
| Linear | 0.1 | | | | |
| Angular | 0.5 | | | | |
| Material | material type | Centre Plate | | | |
| Drawn | AM Other | Flanano | | Sheet 1 of 1 Sheets | |
| Tel | (01223) 332800 | CENTRAL PLATE | | | |
| e-mail | am@Xyeng.cam.ac.uk | Project | Format | Scale | Date |
| Project no |  |  | A4 | 1000 | 22-May-18 |





6x parts required

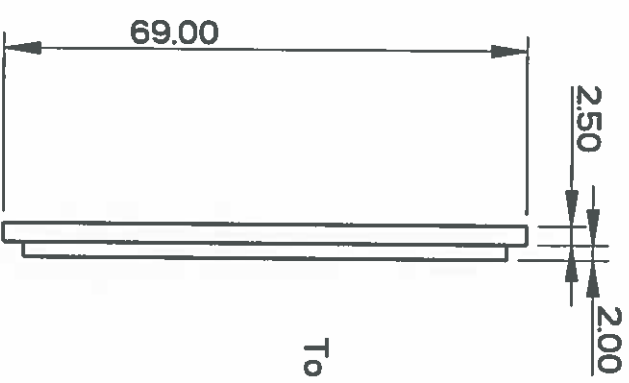
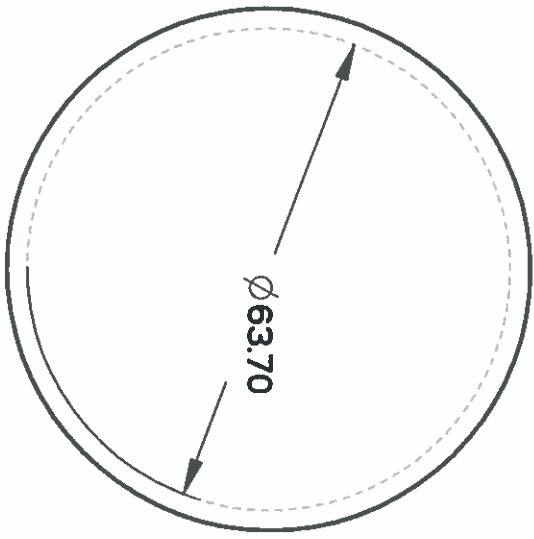
| Tolerances | | Cambridge University Engineering Department | | | | |
|------------|-----------------|-------------------------------------------------------------------------------------|-----------|-----------|----|-------|
| Units | mm |  | part name | | | |
| Linear | 0.1 | | | | | |
| Angular | 0.5 | | | | | |
| Material | Baffle material | | | | | |
| Drawn | S Lewis | Filename | | Sheet | 1 | 1 |
| Tel | (01223) 332800 | BAFFLE.2 | | Format | A4 | Scale |
| e-mail | scs@cam.ac.uk | Project | | Date | | |
| Project | B |  | | 22-May-18 | | |




Holes 10mm pitch spacing, same triangular pattern as "baffle plate".

2x parts required

| Tolerances | | <div><div>Cambridge University Engineering Department</div></div> | | | |
|-----------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|---------------|
| Units | — | | | | |
| Linear | 0.1 | | | | |
| Angular | 0.5 | | | | |
| No. Required | 2 | part name | | | |
| Drawn | G.J. Selo | | | | |
| Tel. | | | | | |
| e-mail | | | | | |
| Filename | | TUBEPLATE | | Sheet 1 | • Sheets 1 |
| Project | | Format | | Scale | Date |
|  | | A4 | | 1000 | 22-May-18 |



2 end plates required

| Tolerances | |  Cambridge University Engineering Department | | | |
|------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|--|-----------|--|
| Units | mm | | | | |
| Linear | 0.1 | | | | |
| Angular | 0.5 | | | | |
| Material | material type | part name | | | |
| Drawn | E. Hoggsworth | | | | |
| Tel. | 107223 332800 | | | | |
| e-mail | enox@eng.cam.ac.uk | | | | |
| Project | Project | | | | |
| Format | | Scale | | Date | |
| A4 | | 1:1000 | | 22-May-18 | |
| Sheet | | • Sheets | | | |
| 1 | | 1 | | | |