


SECTION A-A


| ITEM No | PART NUMBER  | TITLE                                            | MATERIAL          | QTY |
|---------|--------------|--------------------------------------------------|-------------------|-----|
| 1       | SP-002595    | WASHER DIN 125 - A 5.3                           | STEEL             | 8   |
| 2       | SP-004152    | Hexagon socket head cap screw DIN 912 - M3x8     | STEEL             | 12  |
| 3       | SP-004227    | Hexagon socket head cap screw DIN 912 - M5x16    | STEEL             | 12  |
| 4       | SP-004301    | Washer DIN 125 - A 3,2                           | STEEL             | 20  |
| 5       | TD-2580-0000 | LOBE                                             | PTFE              | 2   |
| 6       | TD-2580-0008 | DOWELL                                           | STEEL             | 2   |
| 7       | TD-2580-0009 | SPRING                                           | STEEL             | 6   |
| 8       | TD-2580-0012 | END CAPS                                         | AL.ALLOY, 6082-T6 | 2   |
| 9       | TD-2580-0013 | PLATFORM                                         | AL.ALLOY, 6082-T6 | 1   |
| 10      | TD-2580-0029 | FRAME                                            | CARBON FIBRE      | 2   |
| 11      | TD-2580-0031 | PLATEN                                           | AL.ALLOY, 6082-T6 | 2   |
| 12      | TD-2580-0065 | LOBE PLATE                                       | AL.ALLOY, 6082-T6 | 2   |
| 13      | TD-2580-0069 | M5 Flat Washers (DIN 9021) - A2 Stainless Steel  | STEEL             | 4   |
| 14      | TD-2580-0070 | M3 X 25mm Flat Point Set / Grub Screws (DIN 913) | STEEL             | 4   |
| 15      | TD-2580-0071 | M5 X 25mm Knurled Thumb Screws (DIN 464)         | STEEL             | 6   |
| 16      | TD-2580-0072 | M3 X 14mm Full Thread Cap Head Screw             | STEEL             | 8   |

|       |                |          |          |         |                                          |          |
|-------|----------------|----------|----------|---------|------------------------------------------|----------|
| A14   | Jun-2019 12:51 | LCC      | IW       | IW      | MANUFACTURE ONLY WHEN STATUS IS RELEASED | RELEASED |
| ISSUE | DATE OF ISSUE  | MOD. No. | DRAWN BY | CHKD BY | APPD BY                                  | STATUS   |

|             |                                                                                       |                                                                                                          |         |   |
|-------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------|---|
| © STFC 2019 |  | TECHNOLOGY DEPARTMENT<br>RUTHERFORD APPLETON LABORATORY<br>HARWELL CAMPUS, DIDCOT, OXFORDSHIRE, OX11 0QX | USED ON |   |
|             |                                                                                       |                                                                                                          | ----    | ? |
|             |                                                                                       |                                                                                                          | ?       | ? |
|             |                                                                                       |                                                                                                          | ?       | ? |

|       |                               |
|-------|-------------------------------|
| TITLE | SMARTPHANTOM FIBRE GLUING JIG |
| ?     | -----                         |

|    |       |        |              |   |
|----|-------|--------|--------------|---|
| A3 | SHEET | 1 OF 1 | TD-2580-0010 | A |
|----|-------|--------|--------------|---|

|                                                                                                |                                                  |                               |
|------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------|
| TOLERANCES UNLESS STATED                                                                       | MATERIAL & SPEC.                                 | SURFACE TEXTURE UNLESS STATED |
| LINEAR ± N/A<br>ANGULAR ± N/A°                                                                 |                                                  | ✓ Ra N/A                      |
| ESTIMATED MASS 0.00 kg                                                                         |                                                  | FINISH                        |
| PROJECTION  | DIMENSIONS IN mm UNLESS STATED                   | N/A<br>REMOVE ALL BURRS       |
|                                                                                                | DRAWING CONFORMS TO BS 8888 TOLERANCING ISO 8015 |                               |