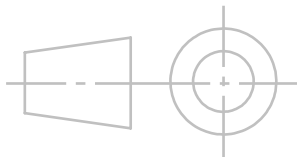
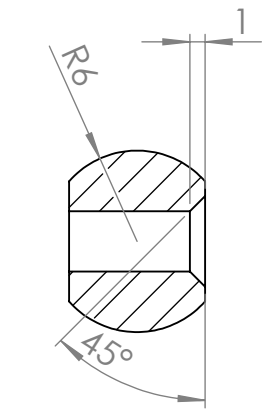
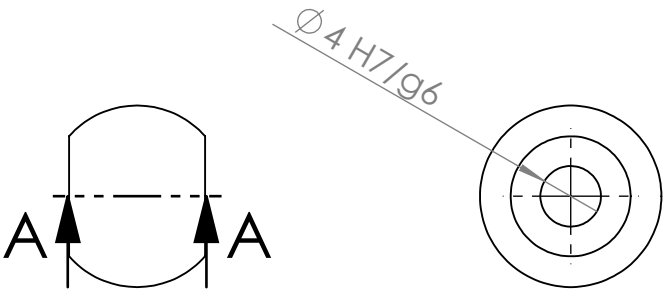
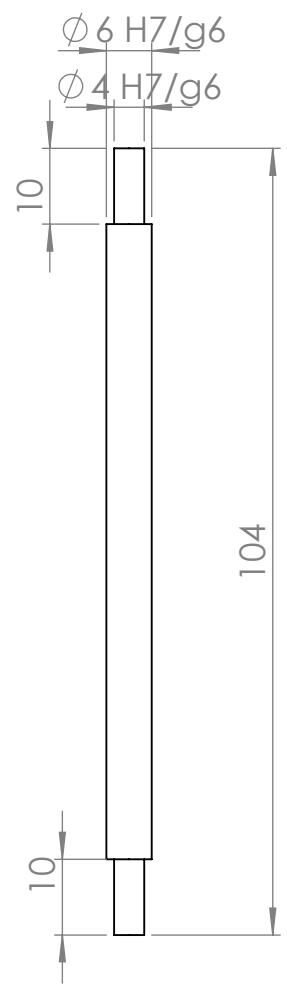


| | | | |
|-----------------|--|---|--------------------------|
| DHWAJ JOSHI | | PART MODELLING | |
| 24BME0486 | | | |
| L41+L42+L43+L44 | Vellore Institute of Technology (VIT) |  | 05/08/2025 |
| SCALE 1:2 | SHEET 1 OF 4 | | FACULTY SIGNATURE |

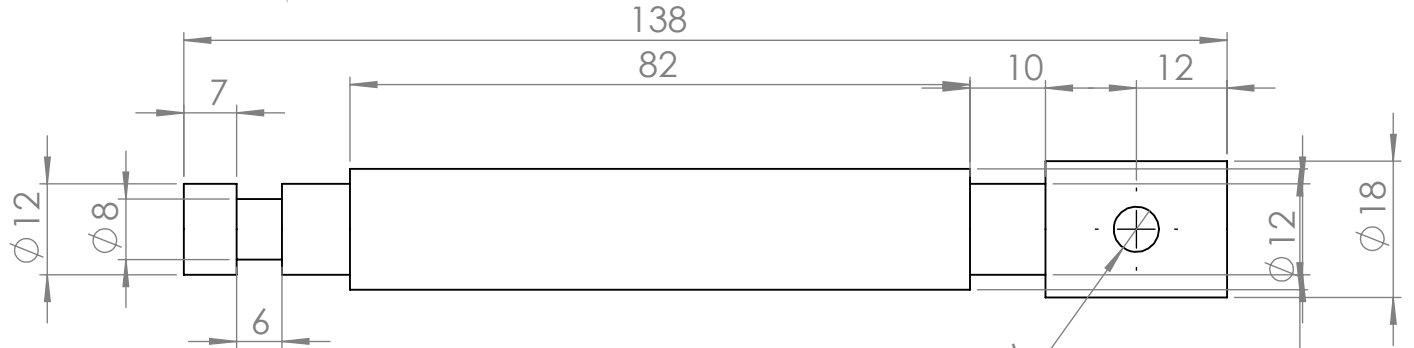


BAR GLOBE

SECTION A-A
SCALE 2 : 1



BAR SCREW

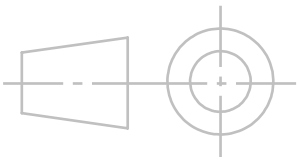


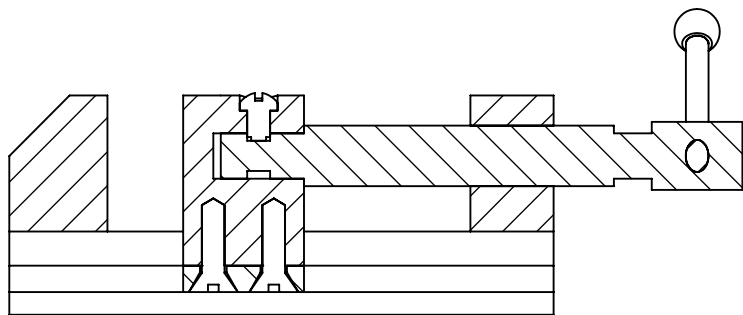
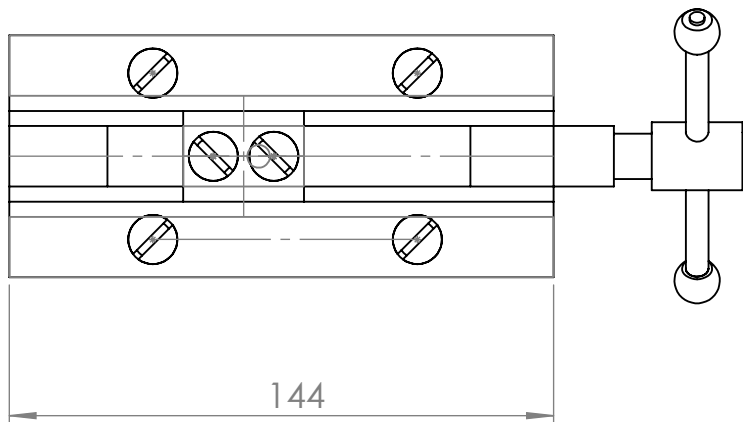
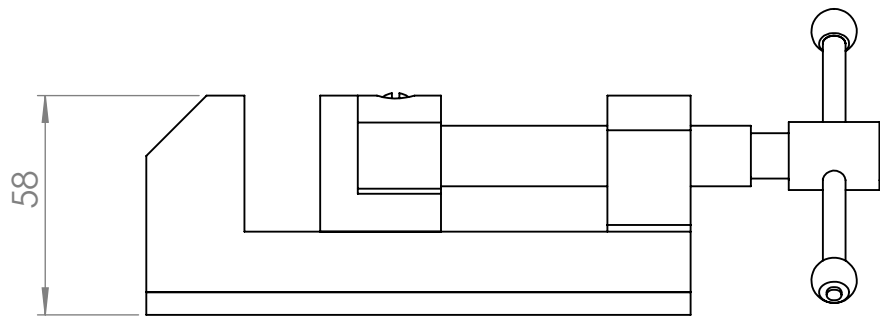
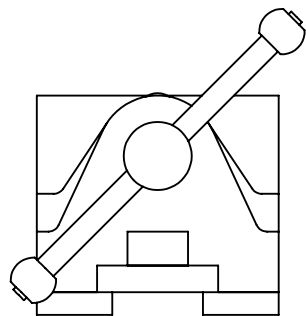
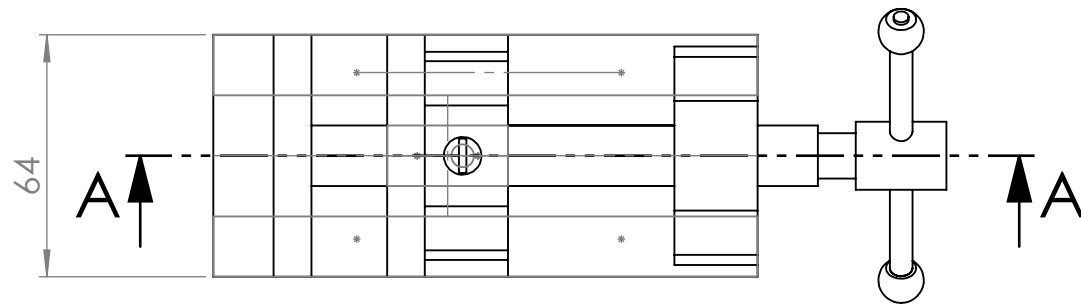
JAW SCREW

$\phi 6 h7/g6$

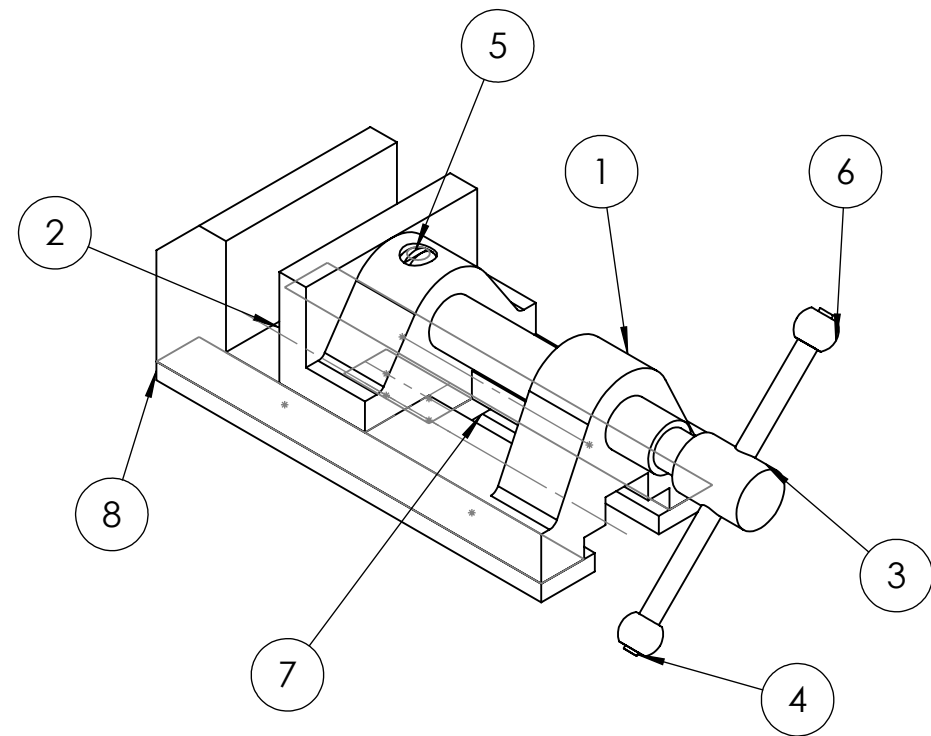
$\phi 16 H7/g6$
 $\frac{h}{k} 0.07$

ALL DIMENSIONS ARE IN 'mm'

| | | | |
|-----------------|---------------------------------------|---|-------------------|
| DHWAJ JOSHI | | PART MODELLING | |
| 24BME0486 | | | |
| L41+L42+L43+L44 | Vellore Institute of Technology (VIT) |  | 05/08/2025 |
| SCALE 1:2 | SHEET 2 OF 4 | | FACULTY SIGNATURE |

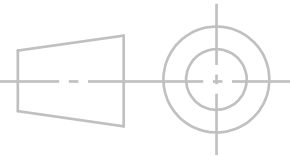


SECTION A-A

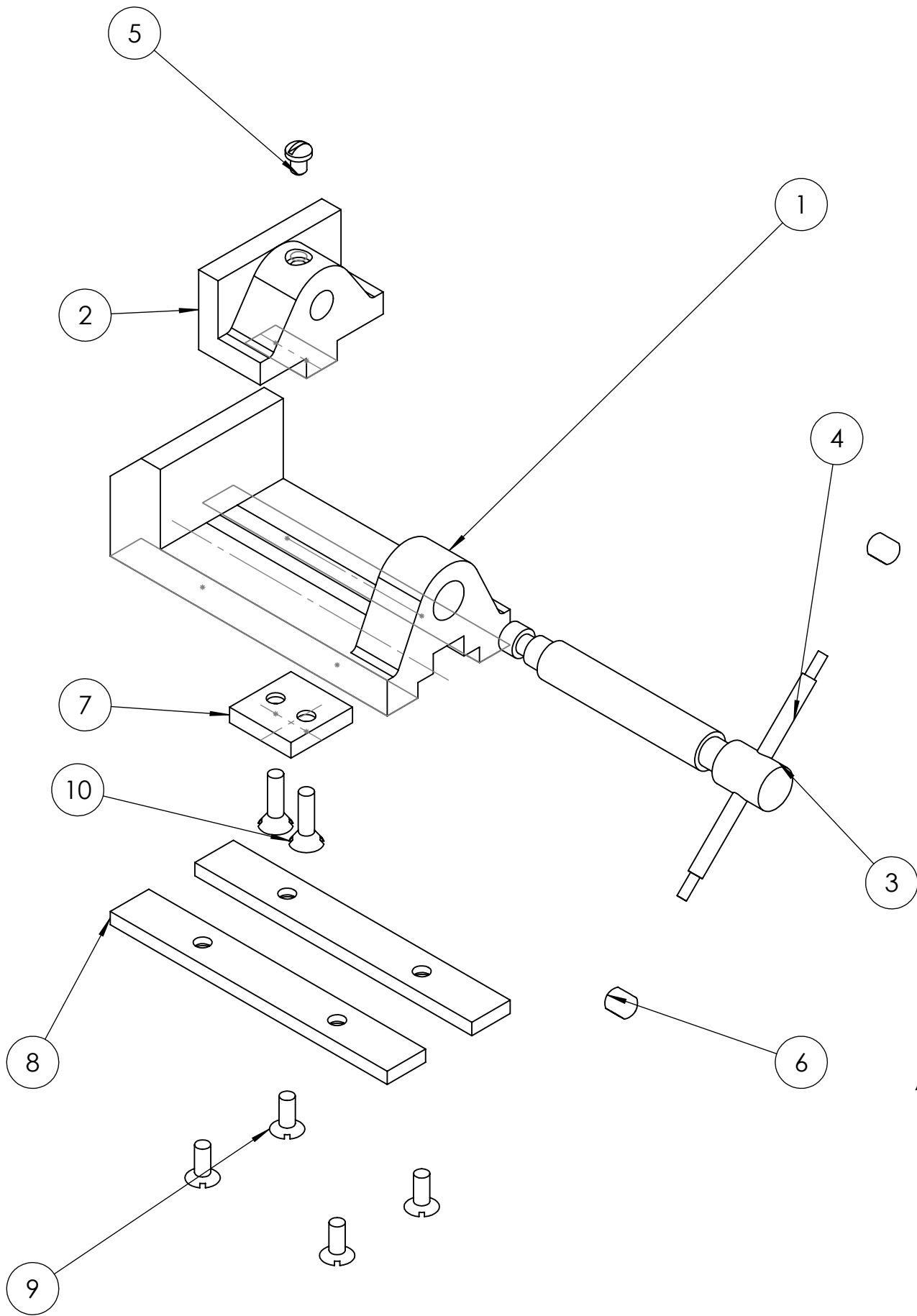


| ITEM NO. | PART NAME | MATERIAL | QTY. |
|----------|----------------|-----------------|------|
| 1 | VICEBODY | CAST IRON | 1 |
| 2 | VICEJAW | CAST IRON | 1 |
| 3 | JAWSCREW | ALLOY STEEL | 1 |
| 4 | SCREWBAR | STAINLESS STEEL | 1 |
| 5 | OVAL FILLISTER | STAINLESS STEEL | 1 |
| 6 | BAR GLOBE | STAINLESS STEEL | 2 |
| 7 | CLAMPING PLATE | STEEL | 1 |
| 8 | BASE PLATE | MILD STEEL | 2 |
| 9 | SCREW SET 1 | STAINLESS STEEL | 4 |
| 10 | SCREW SET 2 | STAINLESS STEEL | 2 |

ALL DIMENSIONS ARE IN 'mm'

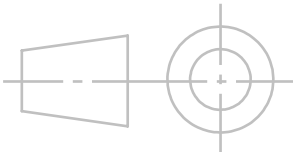
| | | | |
|-----------------|--|---|-------------------|
| DHWAJ JOSHI | | ASSEMBLY | |
| 24BME0486 | | | |
| L41+L42+L43+L44 | Vellore Institute of Technology (VIT) |  | 05/08/2025 |
| SCALE 1:2 | SHEET 3 OF 4 | | FACULTY SIGNATURE |

A
B
C
D
E
F



| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|----------------|-----------------|------|
| 1 | VICEBODY | CAST IRON | 1 |
| 2 | VICEJAW | CAST IRON | 1 |
| 3 | JAWSCREW | ALLOY STEEL | 1 |
| 4 | SCREWBAR | STAINLESS STEEL | 1 |
| 5 | OVAL FILLISTER | STAINLESS STEEL | 1 |
| 6 | BAR GLOBE | STAINLESS STEEL | 2 |
| 7 | CLAMPING PLATE | STEEL | 1 |
| 8 | BASE PLATE | MILD STEEL | 2 |
| 9 | SCREW SET 1 | STAINLESS STEEL | 4 |
| 10 | SCREW SET 2 | STAINLESS STEEL | 2 |

ALL DIMENSIONS ARE IN 'mm'

| | | | |
|-----------------|---------------------------------------|---|-------------------|
| DHWAJ JOSHI | | EXPLODED VIEW | |
| 24BME0486 | | | |
| L41+L42+L43+L44 | Vellore Institute of Technology (VIT) |  | 05/08/2025 |
| SCALE 1:1 | SHEET 4 OF 4 | | FACULTY SIGNATURE |

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