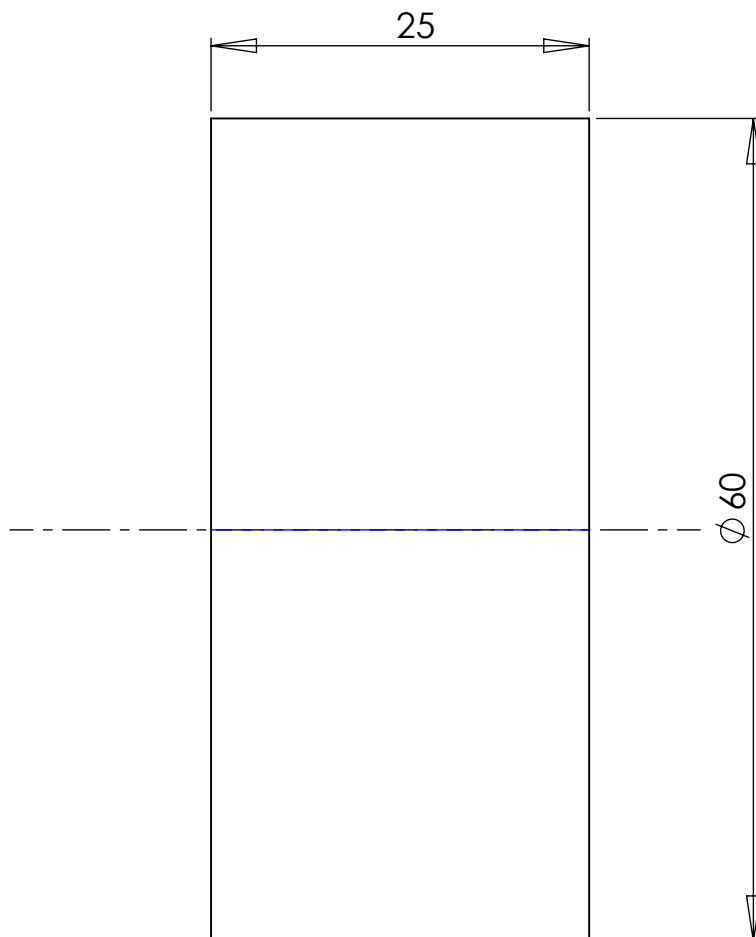


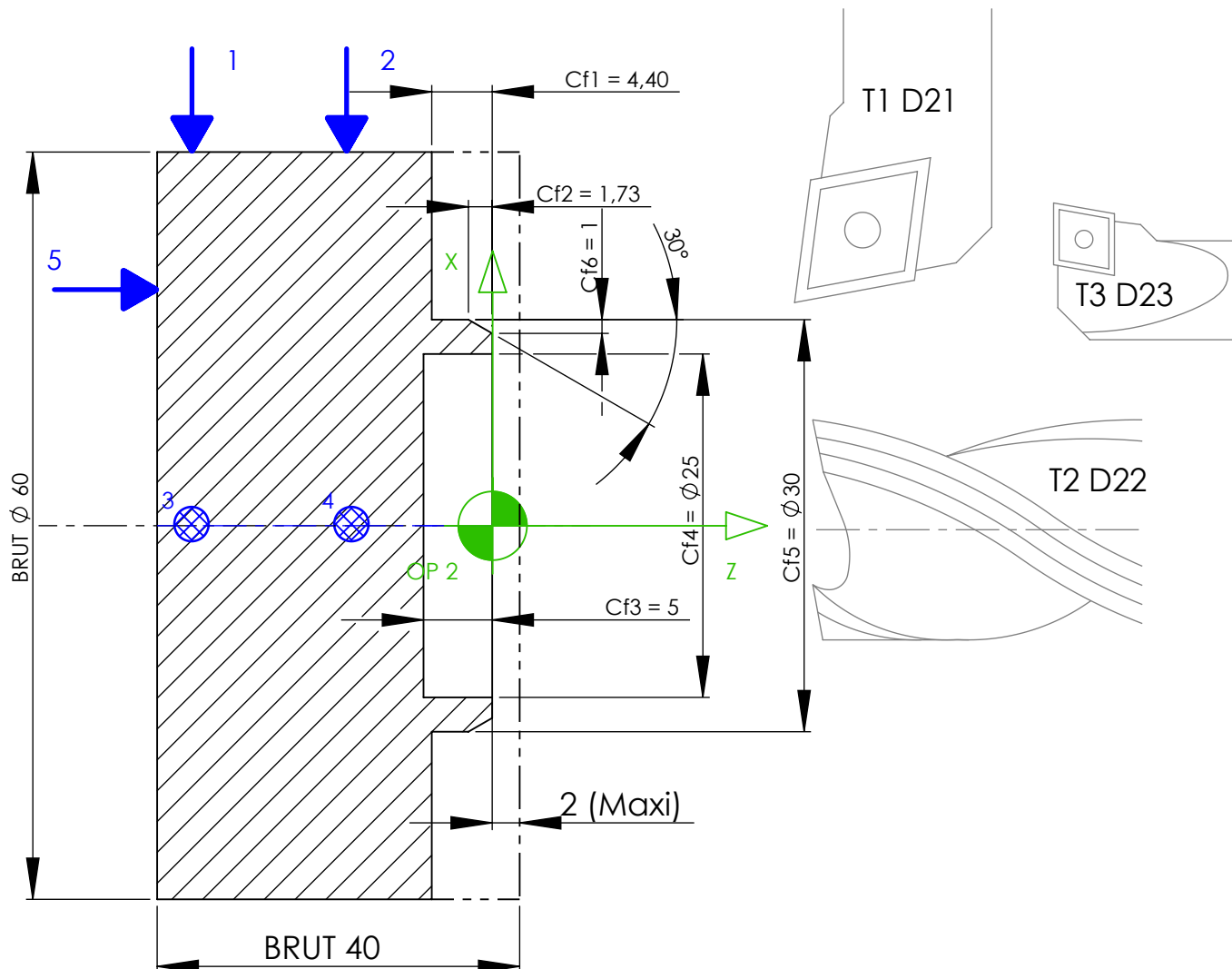
|                              |           |                     |                                                                                    |            |
|------------------------------|-----------|---------------------|------------------------------------------------------------------------------------|------------|
| CONTRAT DE PHASE<br>Phase 10 | Ensemble  | Toupie sphérique    |  | 1<br>4     |
|                              | Pièce     | Base rotor          |                                                                                    |            |
|                              | Matière   | 2017 - Al Cu4 Mg Si |                                                                                    |            |
| SCIAGE<br>Scie               | Série     | 25                  | EFICNSW                                                                            |            |
|                              | Programme | %                   | Nom                                                                                | Mpk        |
|                              | Fichier   |                     | Date                                                                               | 11/10/2006 |



|  |             |                                                                                                                     |
|--|-------------|---------------------------------------------------------------------------------------------------------------------|
|  | Porte-Pièce | Temps Total de Coupe 0 min<br>Temps Total Improductif 0 min<br>Temps de Montage 0 min<br>Temps Total de Phase 0 min |
|--|-------------|---------------------------------------------------------------------------------------------------------------------|

| OPERATIONS | OUTILS | Vc<br>m/min | n<br>tr/min | f / fz<br>mm/tr<br>mm/dent | Vf<br>mm/min | T | D |
|------------|--------|-------------|-------------|----------------------------|--------------|---|---|
|            |        |             |             |                            |              |   |   |

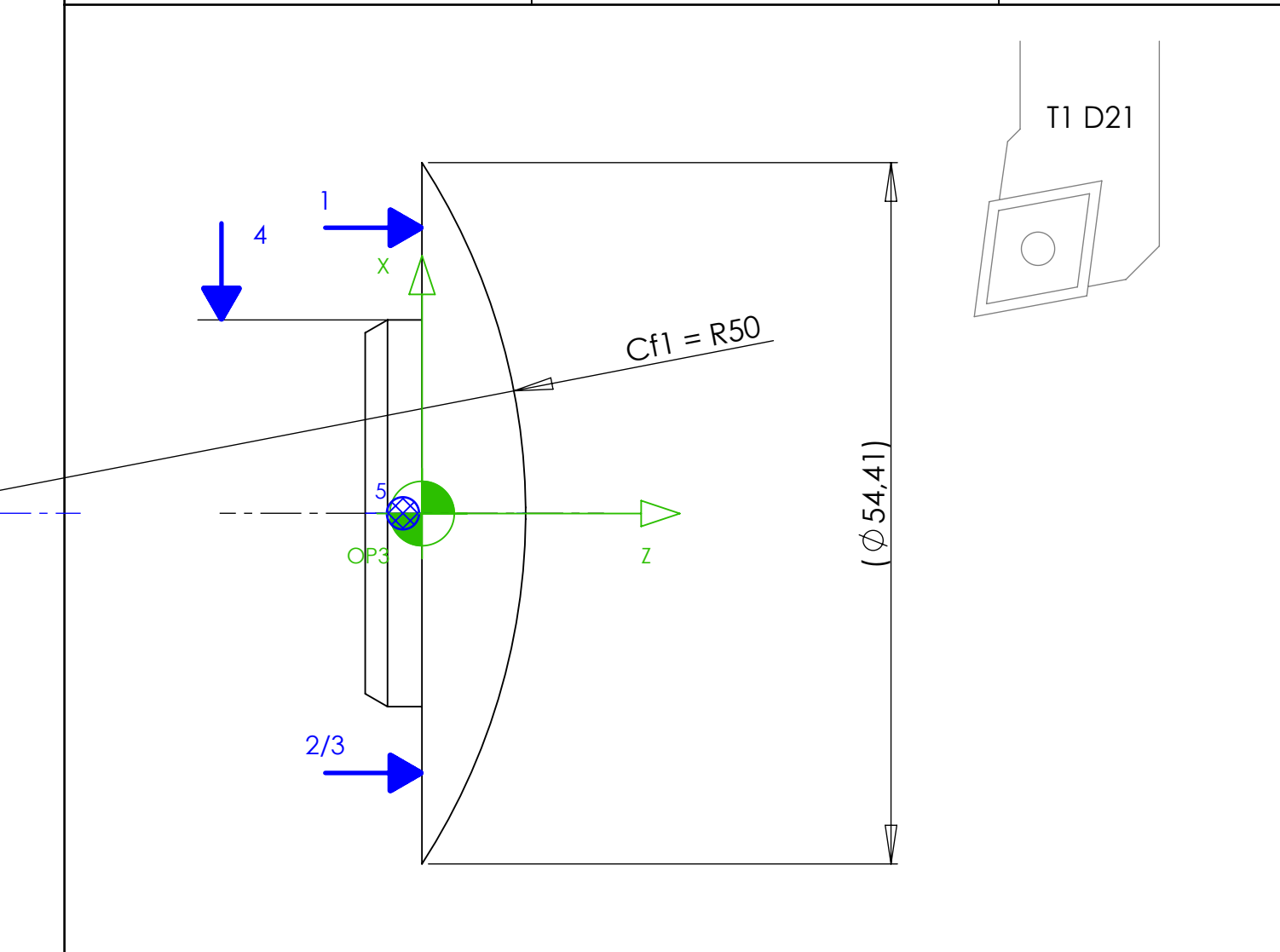
|                                            |                                    |                                                                                                       |
|--------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>CONTRAT DE PHASE</b><br><b>Phase 20</b> | Ensemble <b>Toupie sphérique</b>   |  <div>2<br/>4</div> |
|                                            | Pièce <b>Base rotor</b>            |                                                                                                       |
|                                            | Matière <b>2017 - Al Cu4 Mg Si</b> |                                                                                                       |
| <b>TOURNAGE CN</b><br><b>Realmecca T20</b> | Série <b>25</b>                    | Nom <b>Mpk</b>                                                                                        |
|                                            | Programme <b>%</b>                 |                                                                                                       |
|                                            | Fichier                            | Date <b>11/10/2006</b>                                                                                |



|             |                                                                                                                     |
|-------------|---------------------------------------------------------------------------------------------------------------------|
| Porte-Pièce | Temps Total de Coupe 0 min<br>Temps Total Improductif 0 min<br>Temps de Montage 0 min<br>Temps Total de Phase 0 min |
|-------------|---------------------------------------------------------------------------------------------------------------------|

| OPERATIONS | OUTILS | Vc<br>m/min | n<br>tr/min | f / fz<br>mm/tr<br>mm/dent | Vf<br>mm/min | T | D |
|------------|--------|-------------|-------------|----------------------------|--------------|---|---|
|            |        |             |             |                            |              |   |   |

|                                                |           |                     |                                                                                    |   |
|------------------------------------------------|-----------|---------------------|------------------------------------------------------------------------------------|---|
| <b>CONTRAT DE PHASE</b><br><br><b>Phase 30</b> | Ensemble  | Toupie sphérique    |  | 3 |
|                                                | Pièce     | Base rotor          |                                                                                    |   |
|                                                | Matière   | 2017 - Al Cu4 Mg Si |                                                                                    | 4 |
| <b>TOURNAGE CN</b><br><br><b>Realmecca T20</b> | Série     | 25                  | Nom <b>Mpk</b>                                                                     |   |
|                                                | Programme | %                   | Date <b>11/10/2006</b>                                                             |   |
|                                                | Fichier   |                     |                                                                                    |   |



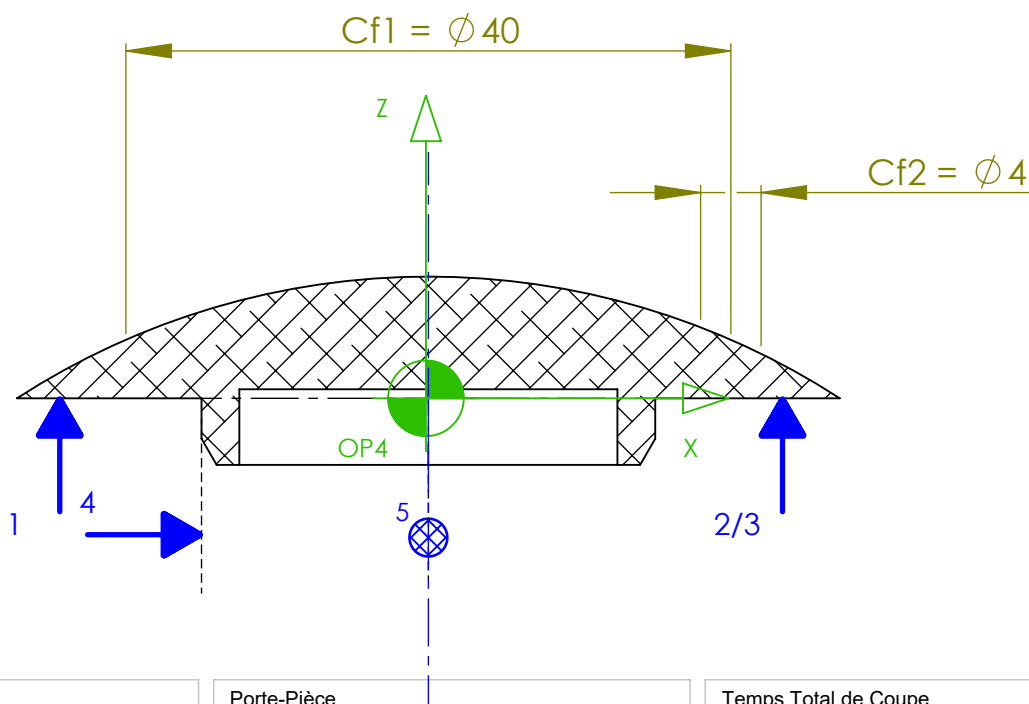
|  |             |                                                                                                                     |
|--|-------------|---------------------------------------------------------------------------------------------------------------------|
|  | Porte-Pièce | Temps Total de Coupe 0 min<br>Temps Total Improductif 0 min<br>Temps de Montage 0 min<br>Temps Total de Phase 0 min |
|--|-------------|---------------------------------------------------------------------------------------------------------------------|

| OPERATIONS | OUTILS | Vc<br>m/min | n<br>tr/min | f / fz<br>mm/tr<br>mm/dent | Vf<br>mm/min | T | D |
|------------|--------|-------------|-------------|----------------------------|--------------|---|---|
|            |        |             |             |                            |              |   |   |

|                                     |           |                     |                                                                                    |        |     |      |            |
|-------------------------------------|-----------|---------------------|------------------------------------------------------------------------------------|--------|-----|------|------------|
| CONTRAT DE PHASE<br>Phase 40        | Ensemble  | Toupie sphérique    |  | 4<br>4 |     |      |            |
|                                     | Pièce     | Base rotor          |                                                                                    |        |     |      |            |
|                                     | Matière   | 2017 - Al Cu4 Mg Si |                                                                                    |        |     |      |            |
| FRAISAGE CN<br>CINCINNATI ARROW 750 | Série     | 25                  | Nom                                                                                |        | Mpk |      |            |
|                                     | Programme | %                   |                                                                                    |        |     | Date | 11/10/2006 |
|                                     | Fichier   |                     |                                                                                    |        |     |      |            |



T12D22



|  |             |                         |   |     |
|--|-------------|-------------------------|---|-----|
|  | Porte-Pièce | Temps Total de Coupe    | 0 | min |
|  |             | Temps Total Improductif | 0 | min |
|  |             | Temps de Montage        | 0 | min |
|  |             | Temps Total de Phase    | 0 | min |

| OPERATIONS | OUTILS | Vc<br>m/min | n<br>tr/min | f / fz<br>mm/tr<br>mm/dent | Vf<br>mm/min | T | D |
|------------|--------|-------------|-------------|----------------------------|--------------|---|---|
|            |        |             |             |                            |              |   |   |