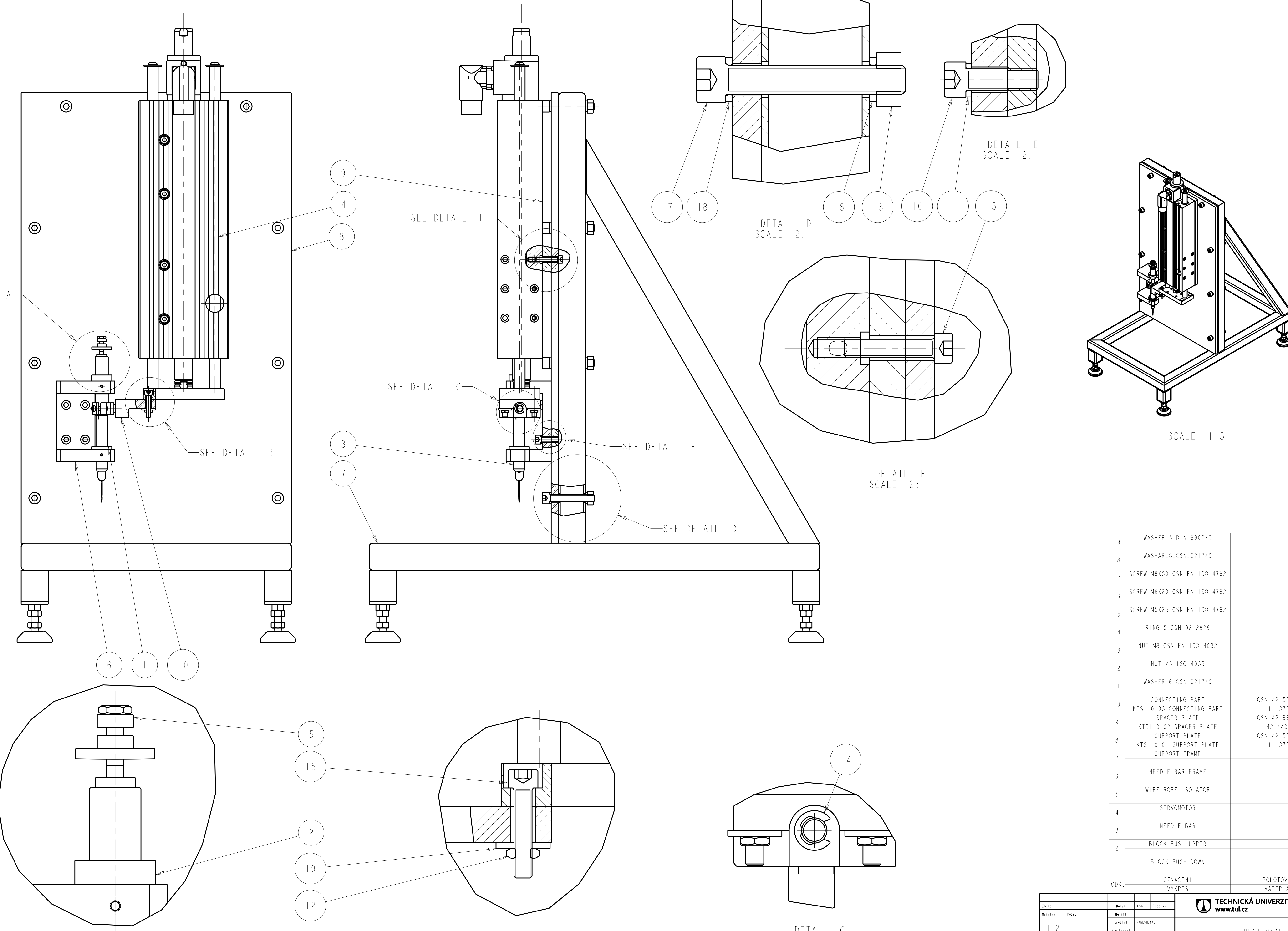
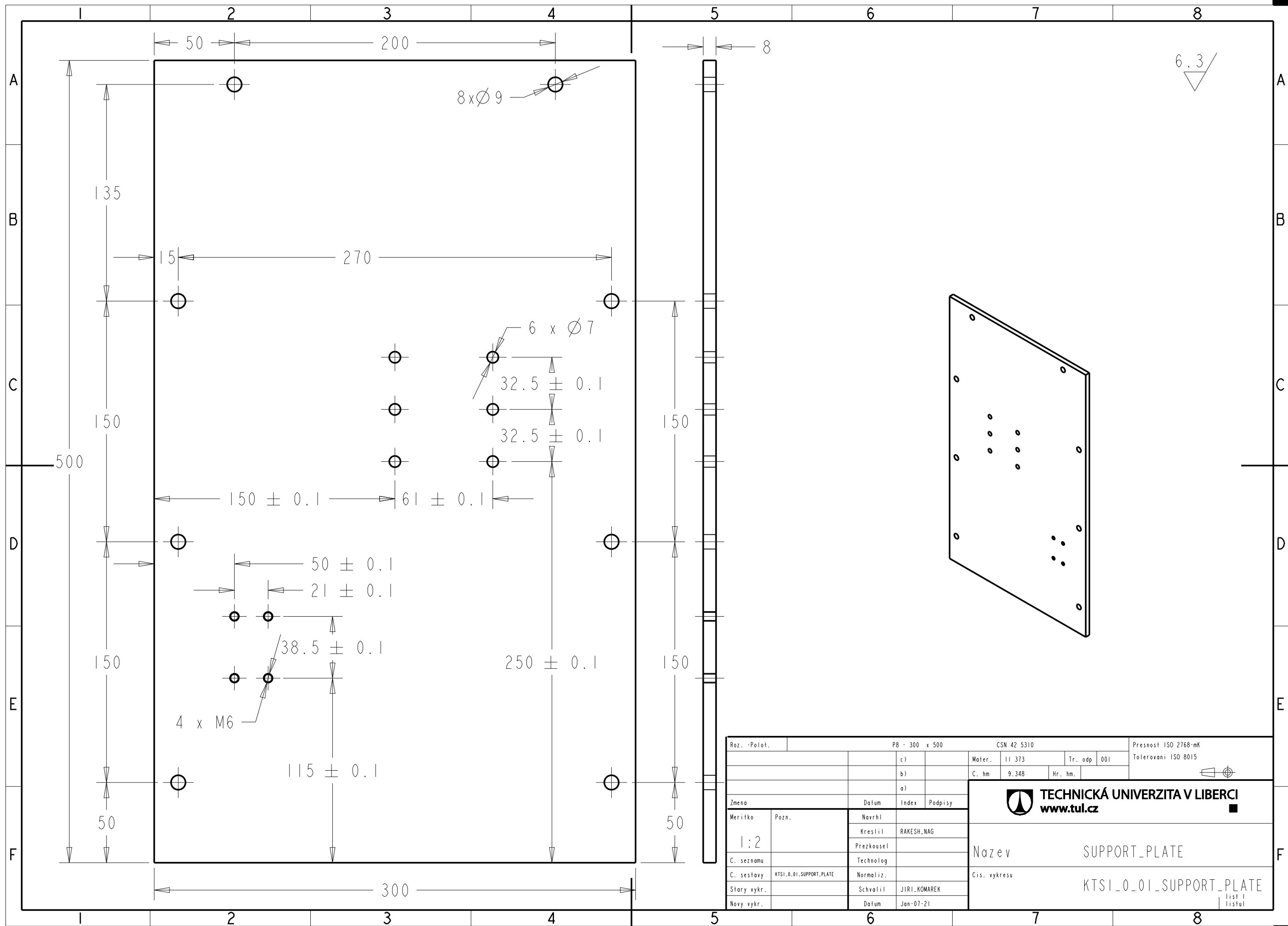


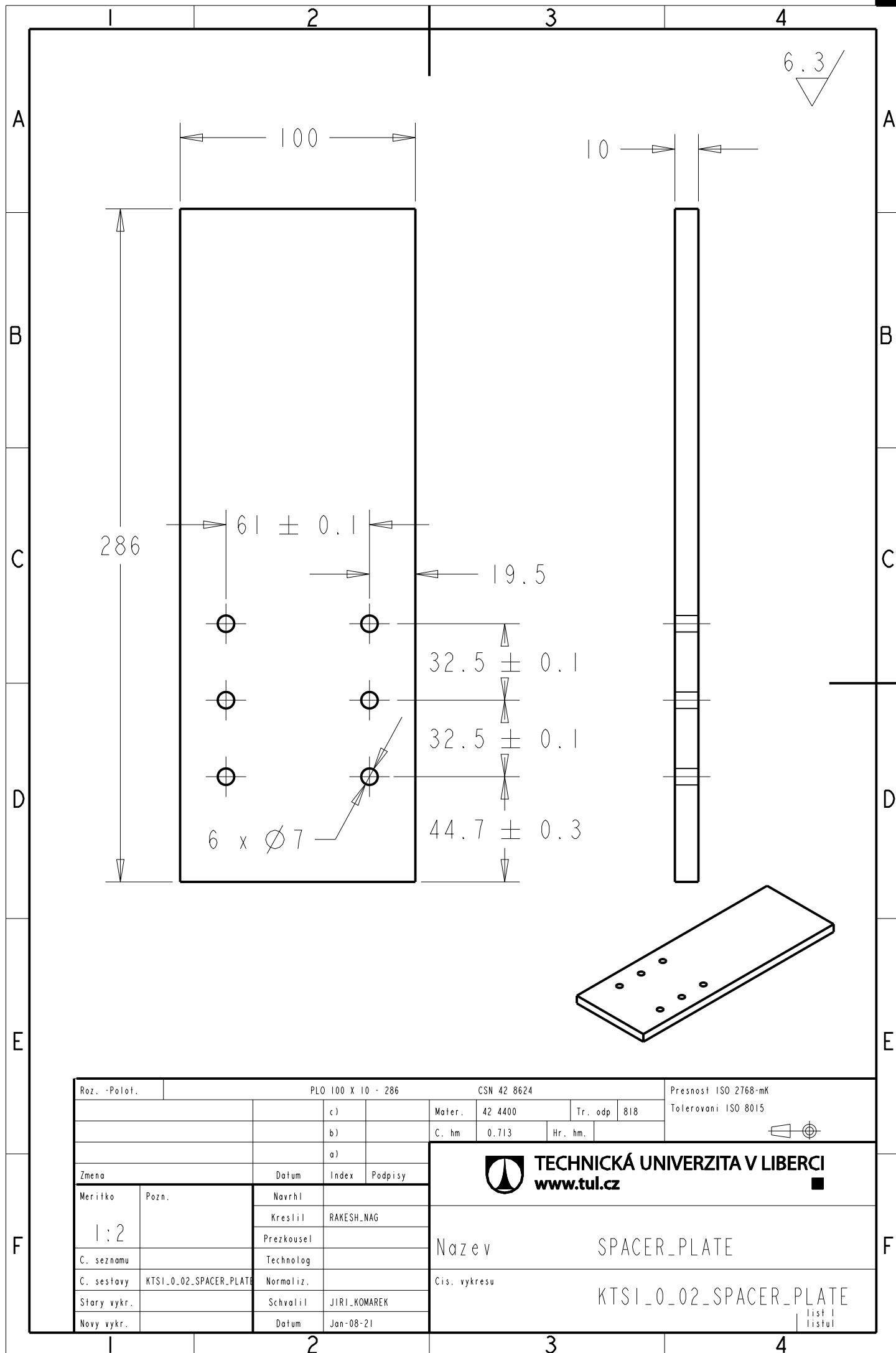


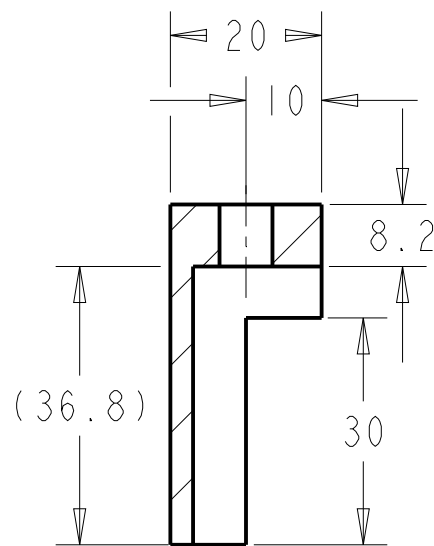
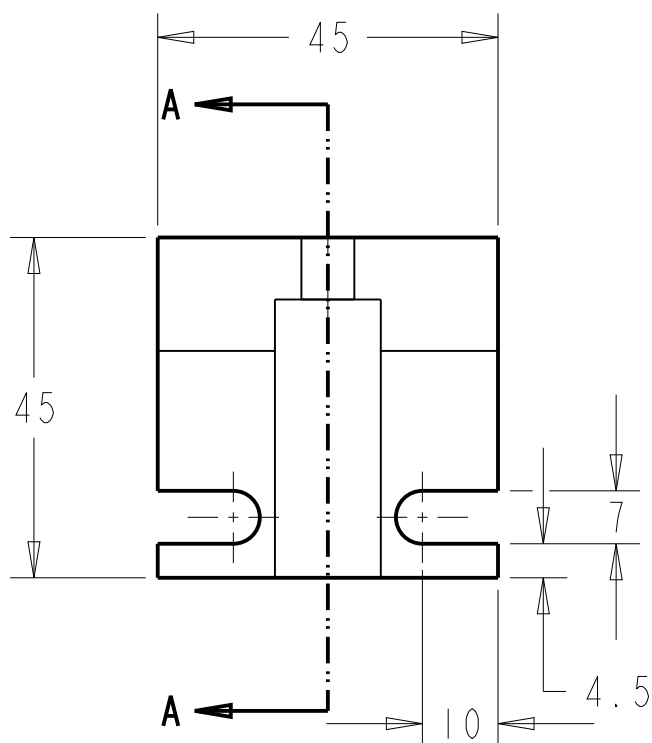
|      |                             |             |      |
|------|-----------------------------|-------------|------|
| 19   | WASHER_5_DIN_6902-B         |             | 2    |
|      |                             |             | ks.  |
| 18   | WASHER_8_CSN_021740         |             | 16   |
|      |                             |             | ks.  |
| 17   | SCREW_M8X50_CSN_EN_ISO_4762 |             | 8    |
|      |                             |             | ks.  |
| 16   | SCREW_M6X20_CSN_EN_ISO_4762 |             | 4    |
|      |                             |             | ks.  |
| 15   | SCREW_M5X25_CSN_EN_ISO_4762 |             | 8    |
|      |                             |             | ks.  |
| 14   | RING_5_CSN_02_2929          |             | 1    |
|      |                             |             | ks.  |
| 13   | NUT_M8_CSN_EN_ISO_4032      |             | 8    |
|      |                             |             | ks.  |
| 12   | NUT_M5_ISO_4035             |             | 2    |
|      |                             |             | ks.  |
| 11   | WASHER_6_CSN_021740         |             | 4    |
|      |                             |             | ks.  |
| 10   | CONNECTING_PART             | CSN 42 5522 | 1    |
|      | KTSI_0_03.CONNECTING_PART   | 11 373      | ks.  |
| 9    | SPACER_PLATE                | CSN 42 8624 | 1    |
|      | KTSI_0_02.SPACER_PLATE      | 42 4400     | ks.  |
| 8    | SUPPORT_PLATE               | CSN 42 5310 | 1    |
|      | KTSI_0_01.SUPPORT_PLATE     | 11 373      | ks.  |
| 7    | SUPPORT_FRAME               |             | 1    |
|      |                             |             | ks.  |
| 6    | NEEDLE_BAR_FRAME            |             | 1    |
|      |                             |             | ks.  |
| 5    | WIRE_ROPE_ISOLATOR          |             | 1    |
|      |                             |             | ks.  |
| 4    | SERVOMOTOR                  |             | 1    |
|      |                             |             | ks.  |
| 3    | NEEDLE_BAR                  |             | 1    |
|      |                             |             | ks.  |
| 2    | BLOCK_BUSH_UPPER            |             | 1    |
|      |                             |             | ks.  |
| 1    | BLOCK_BUSH_DOWN             |             | 1    |
|      |                             |             | ks.  |
| ODK. | OZNACENI                    | POLOTOVAR   | MN.  |
|      | VYKRES                      | MATERIAL    | JED. |

|                                |  |                            |  |
|--------------------------------|--|----------------------------|--|
| Technická univerzita v Liberci |  | www.tul.cz                 |  |
| Funkční model                  |  | FUNCTIONAL_MODEL_WRI       |  |
| KTSI_0_00_FUNCTIONAL_MODEL     |  | KTSI_0_00_FUNCTIONAL_MODEL |  |
| 1:2                            |  | 1:2                        |  |
| C. sestavy                     |  | KTSI_0_00_FUNCTIONAL_MODEL |  |
| Stavby                         |  | Stavby                     |  |
| Název                          |  | Název                      |  |
| Datum                          |  | Datum                      |  |
| Index                          |  | Index                      |  |
| Podpis                         |  | Podpis                     |  |
| Měřič                          |  | Měřič                      |  |
| Kreslil                        |  | Kreslil                    |  |
| Prekreslil                     |  | Prekreslil                 |  |
| Technologie                    |  | Technologie                |  |
| Normaliz.                      |  | Normaliz.                  |  |
| Schválil                       |  | Schválil                   |  |
| Datum                          |  | Datum                      |  |

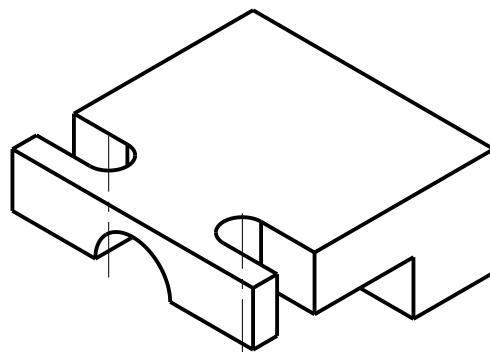
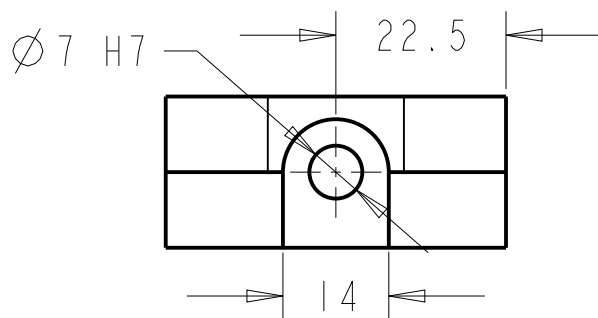


|                                      |  |                         |  |             |  |              |                      |                                                                                                                                                                                                                                                              |  |
|--------------------------------------|--|-------------------------|--|-------------|--|--------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Roz. - Polot.                        |  | P8 - 300 x 500          |  | CSN 42 5310 |  |              | Presnost ISO 2768-mK |                                                                                                                                                                                                                                                              |  |
|                                      |  | c)                      |  | Mater.      |  | II 373       |                      | Tr. odp 001                                                                                                                                                                                                                                                  |  |
|                                      |  | b)                      |  | C. hm       |  | 9.348        |                      | Hr. hm.                                                                                                                                                                                                                                                      |  |
|                                      |  | a)                      |  |             |  |              |                      |                                                                                                                                                                                                                                                              |  |
| Zmena                                |  | Datum                   |  | Index       |  | Podpisy      |                      | <div><b>TECHNICKÁ UNIVERZITA V LIBERCI</b><br/><b>www.tul.cz</b></div> <div></div> |  |
| Meritko                              |  | Pozn.                   |  | Navrhl      |  |              |                      |                                                                                                                                                                                                                                                              |  |
| 1:2                                  |  |                         |  | Kreslil     |  | RAKESH_NAG   |                      |                                                                                                                                                                                                                                                              |  |
|                                      |  |                         |  | Prezkousel  |  |              |                      |                                                                                                                                                                                                                                                              |  |
| C. seznamu                           |  |                         |  | Technolog   |  |              |                      |                                                                                                                                                                                                                                                              |  |
| C. sestavy                           |  | KTSI_0_01_SUPPORT_PLATE |  | Normaliz.   |  |              |                      |                                                                                                                                                                                                                                                              |  |
| Stary vykr.                          |  |                         |  | Schvalil    |  | JIRI_KOMAREK |                      |                                                                                                                                                                                                                                                              |  |
| Novy vykr.                           |  |                         |  | Datum       |  | Jan-07-21    |                      |                                                                                                                                                                                                                                                              |  |
| Název SUPPORT_PLATE                  |  |                         |  |             |  |              |                      |                                                                                                                                                                                                                                                              |  |
| Čís. výkresu KTSI_0_01_SUPPORT_PLATE |  |                         |  |             |  |              |                      |                                                                                                                                                                                                                                                              |  |
| list 1<br>listul                     |  |                         |  |             |  |              |                      |                                                                                                                                                                                                                                                              |  |

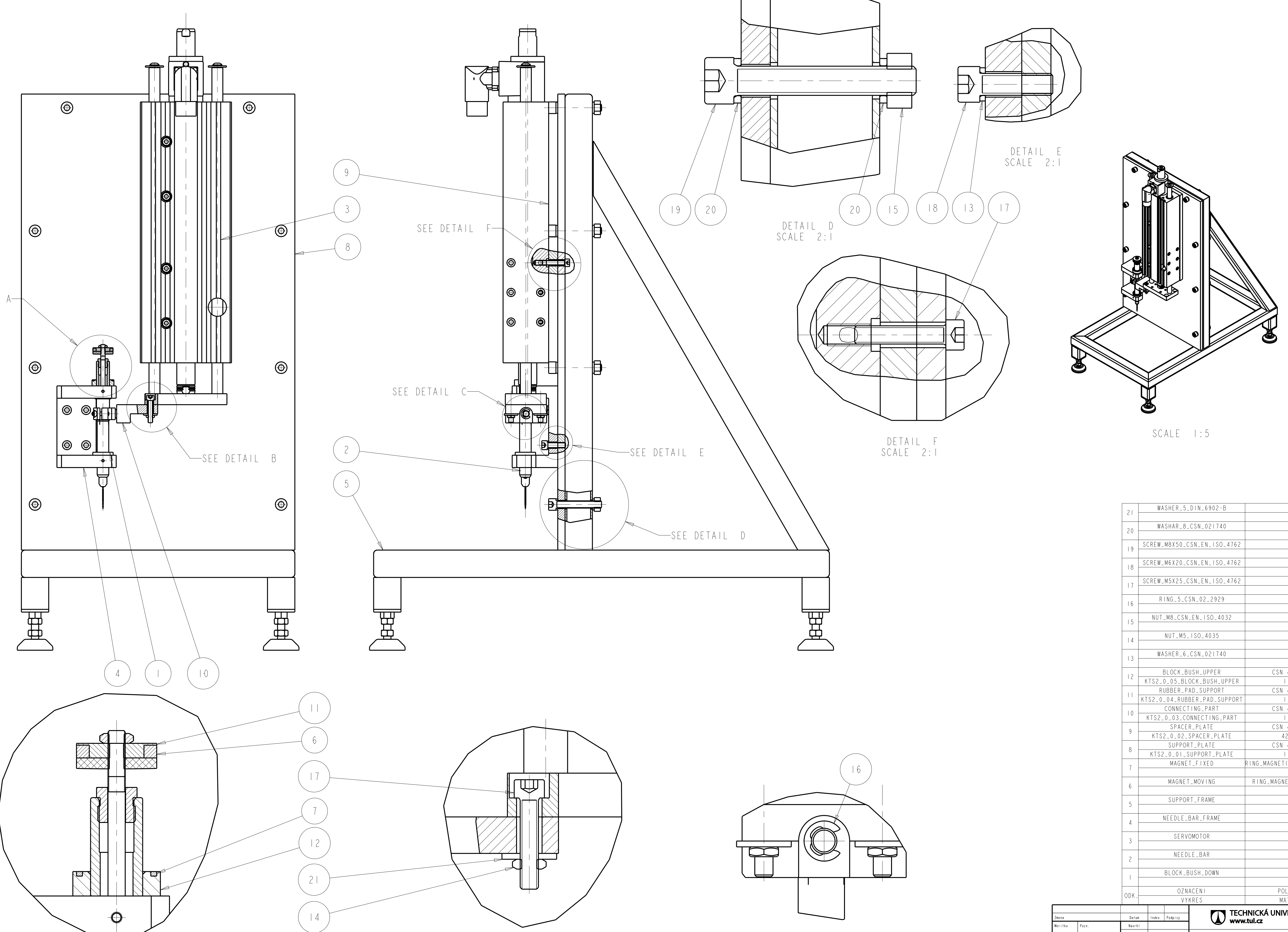




SECTION A-A

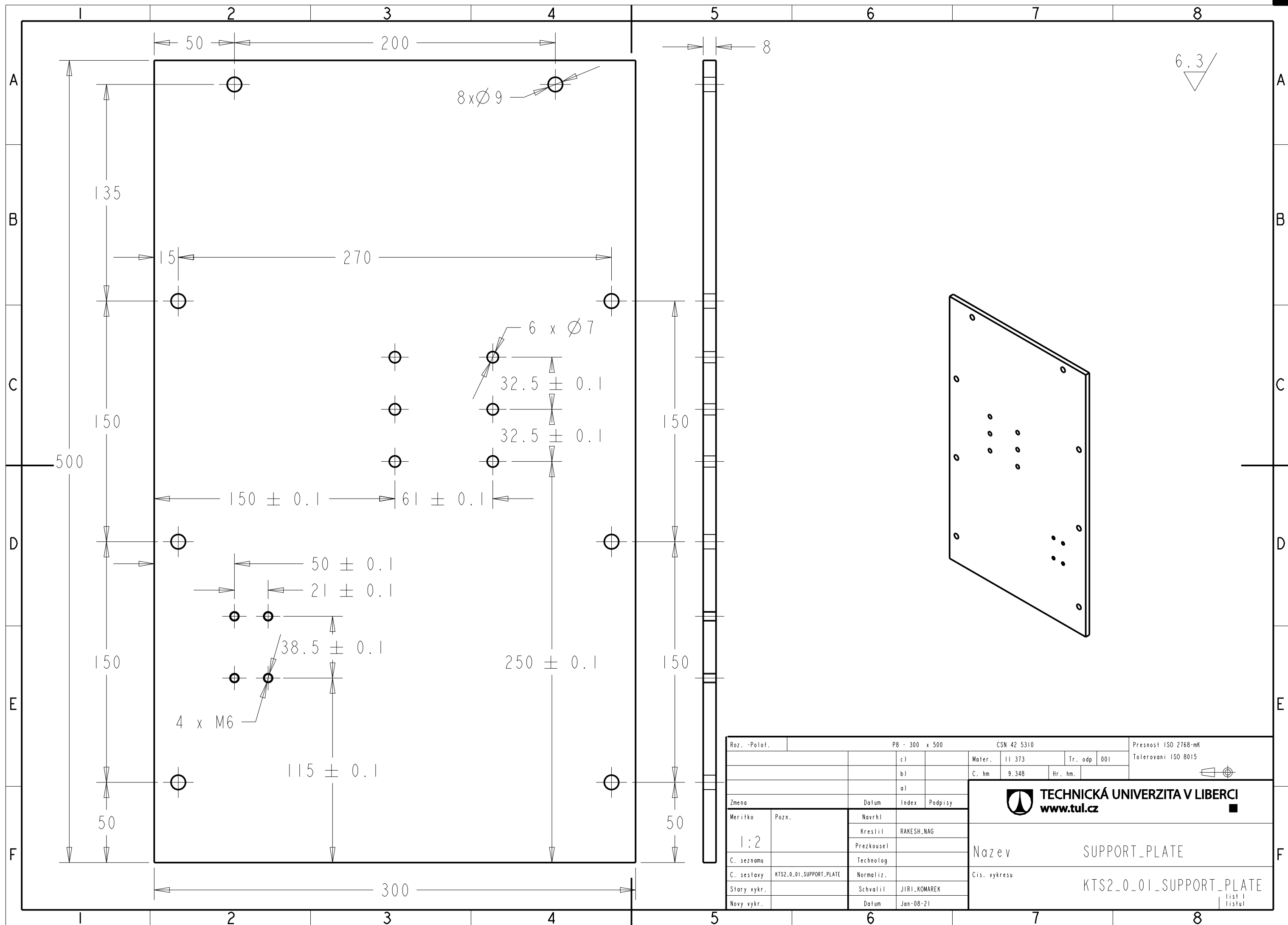


|              |  |                           |  |            |  |              |  |                           |  |                                                                                                                                                           |  |     |  |                     |  |
|--------------|--|---------------------------|--|------------|--|--------------|--|---------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|--|---------------------|--|
| Roz. -Polot. |  | PLO 45 X 20 - 45          |  |            |  | CSN 42 5522  |  |                           |  | Presnost ISO 2768-mK                                                                                                                                      |  |     |  |                     |  |
|              |  | c)                        |  |            |  | Mater.       |  | II 373                    |  | Tr. odp                                                                                                                                                   |  | 001 |  | Tolerovani ISO 8015 |  |
|              |  | b)                        |  |            |  | C. hm        |  | 0.713                     |  | Hr. hm.                                                                                                                                                   |  |     |  |                     |  |
|              |  | a)                        |  |            |  |              |  |                           |  |                                                                                                                                                           |  |     |  |                     |  |
| Zmena        |  |                           |  | Datum      |  | Index        |  | Podpisy                   |  | <div><b>TECHNICKÁ UNIVERZITA V LIBERCI</b><br/><b>www.tul.cz</b></div> |  |     |  |                     |  |
| Meritko      |  | Pozn.                     |  | Navrhl     |  |              |  |                           |  |                                                                                                                                                           |  |     |  |                     |  |
| :            |  |                           |  | Kreslil    |  | RAKESH_NAG   |  |                           |  |                                                                                                                                                           |  |     |  |                     |  |
| C. seznamu   |  |                           |  | Prezkousel |  |              |  | Nazev                     |  |                                                                                                                                                           |  |     |  |                     |  |
| C. sestavy   |  | KTSI_0_03.CONNECTING_PART |  | Technolog  |  |              |  | CONNECTING_PART           |  |                                                                                                                                                           |  |     |  |                     |  |
| Cis. sestavy |  |                           |  | Normaliz.  |  |              |  | Cis. vykresu              |  |                                                                                                                                                           |  |     |  |                     |  |
| Stary vykr.  |  |                           |  | Schvalil   |  | JIRI_KOMAREK |  | KTSI_0_03.CONNECTING_PART |  |                                                                                                                                                           |  |     |  |                     |  |
| Novy vykr.   |  |                           |  | Datum      |  | Jan-10-21    |  | list 1                    |  |                                                                                                                                                           |  |     |  |                     |  |
|              |  |                           |  |            |  |              |  | listul                    |  |                                                                                                                                                           |  |     |  |                     |  |

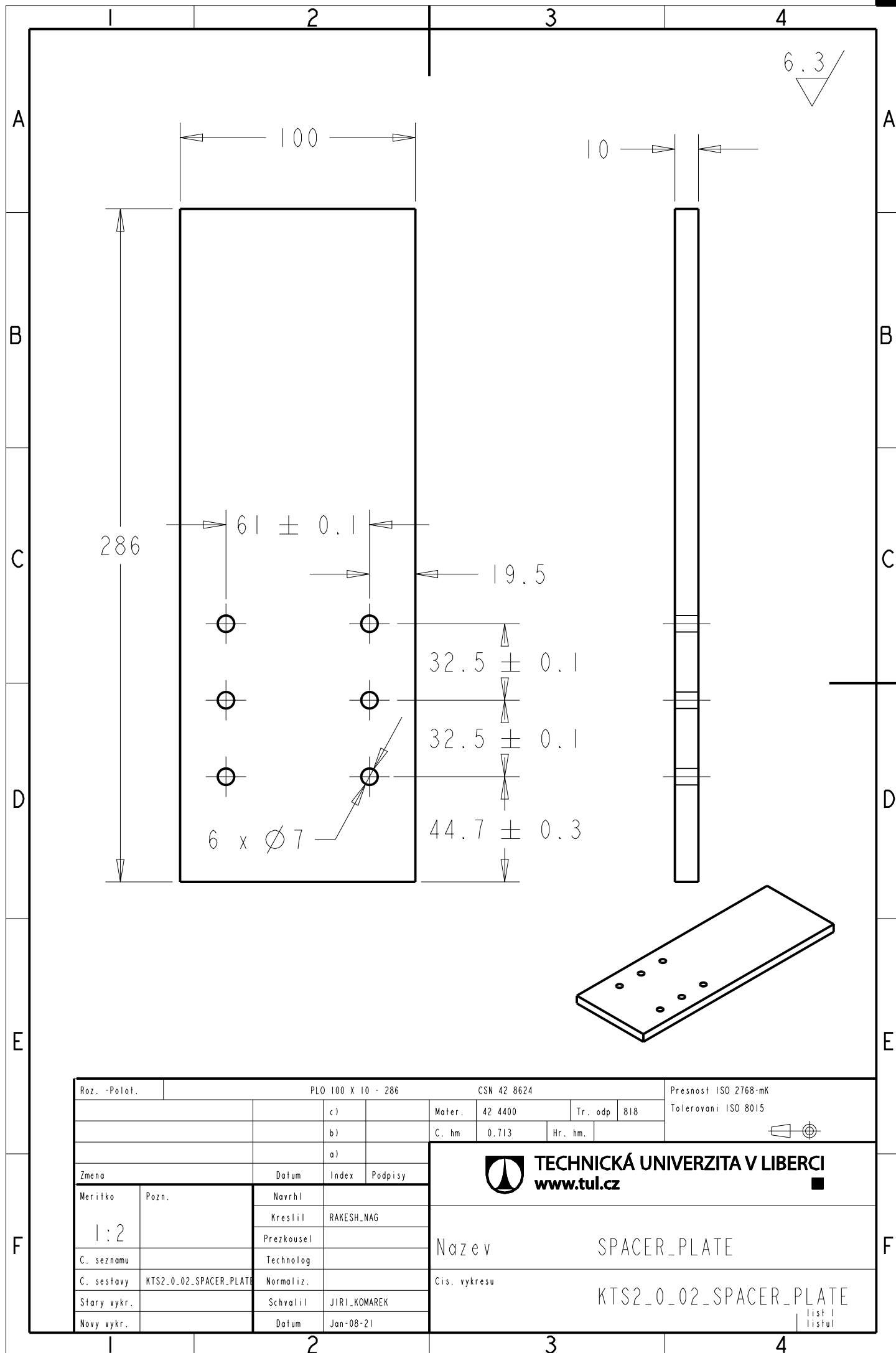


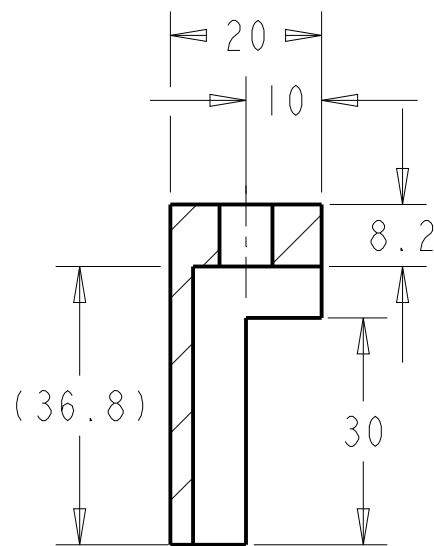
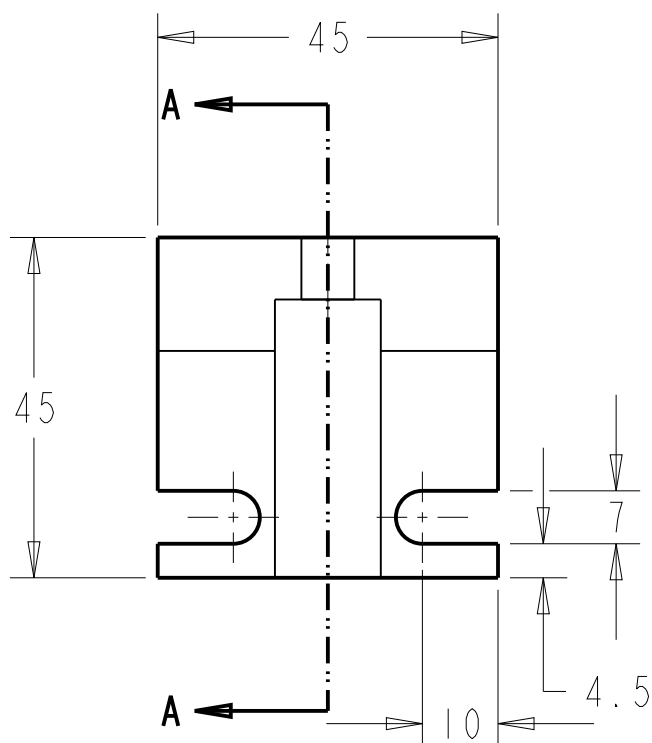
|      |                              |                            |          |
|------|------------------------------|----------------------------|----------|
| 21   | WASHER_5_DIN_6902-B          |                            | 2        |
|      |                              |                            | ks.      |
| 20   | WASHER_8_CSN_021740          |                            | 16       |
|      |                              |                            | ks.      |
| 19   | SCREW_M8X50_CSN_EN_ISO_4762  |                            | 8        |
|      |                              |                            | ks.      |
| 18   | SCREW_M6X20_CSN_EN_ISO_4762  |                            | 4        |
|      |                              |                            | ks.      |
| 17   | SCREW_M5X25_CSN_EN_ISO_4762  |                            | 8        |
|      |                              |                            | ks.      |
| 16   | RING_5_CSN_02_2929           |                            | 1        |
|      |                              |                            | ks.      |
| 15   | NUT_M8_CSN_EN_ISO_4032       |                            | 8        |
|      |                              |                            | ks.      |
| 14   | NUT_M5_ISO_4035              |                            | 2        |
|      |                              |                            | ks.      |
| 13   | WASHER_6_CSN_021740          |                            | 4        |
|      |                              |                            | ks.      |
| 12   | BLOCK_BUSH_UPPER             | CSN 42 5510                | 1        |
|      | KTS2_0_05_BLOCK_BUSH_UPPER   | 11 373                     | ks.      |
|      | RUBBER_PAD_SUPPORT           | CSN 42 5510                | 1        |
| 11   | KTS2_0_04_RUBBER_PAD_SUPPORT | 11 373                     | ks.      |
|      | CONNECTING_PART              | CSN 42 5522                | 1        |
| 10   | KTS2_0_03_CONNECTING_PART    | 11 373                     | ks.      |
|      | SPACER_PLATE                 | CSN 42 8624                | 1        |
| 9    | KTS2_0_02_SPACER_PLATE       | 42 4400                    | ks.      |
|      | SUPPORT_PLATE                | CSN 42 5310                | 1        |
| 8    | KTS2_0_01_SUPPORT_PLATE      | 11 373                     | ks.      |
|      | MAGNET_FIXED                 | RING_MAGNET(22_18_75_1.25) | 1        |
| 7    |                              | NIB                        | ks.      |
|      | MAGNET_MOVING                | RING_MAGNET(22_15_3.5)     | 1        |
| 6    |                              | NIB                        | ks.      |
| 5    | SUPPORT_FRAME                |                            | 1        |
|      |                              |                            | ks.      |
| 4    | NEEDLE_BAR_FRAME             |                            | 1        |
|      |                              |                            | ks.      |
| 3    | SERVOMOTOR                   |                            | 1        |
|      |                              |                            | ks.      |
| 2    | NEEDLE_BAR                   |                            | 1        |
|      |                              |                            | ks.      |
| 1    | BLOCK_BUSH_DOWN              |                            | 1        |
|      |                              |                            | ks.      |
| ODK. | OZNACENI VYKRES              | POLOTOVAR MATERIAL         | MN. JED. |

|                                |  |                            |  |
|--------------------------------|--|----------------------------|--|
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| FUNKCIONAL_MODEL_MAGNET        |  | KTS2_0_00_FUNCTIONAL_MODEL |  |
| 1:2                            |  | 1:1                        |  |
| C. sestavy                     |  | Cis. vykresu               |  |
| KTS2_0_00_FUNCTIONAL_MODEL     |  | 1:1                        |  |
| Stavby vykr.                   |  | Datum                      |  |
| Nový vykr.                     |  | 2024-07-21                 |  |

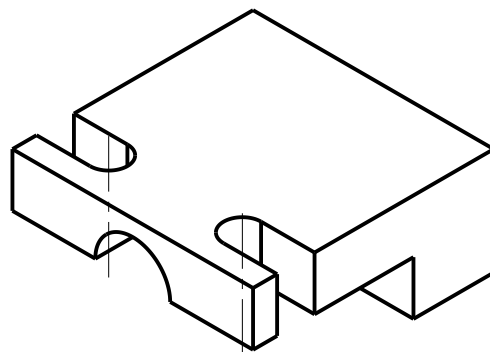
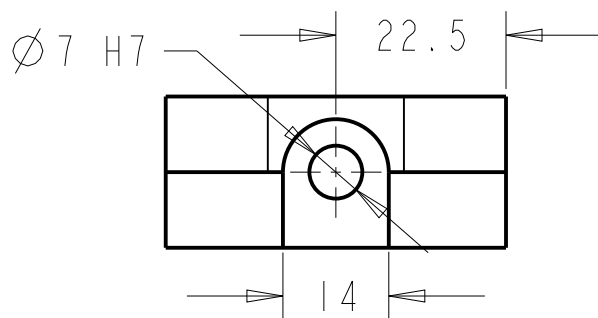


|               |  |                         |  |             |         |                                                                                                                                                             |                      |                         |     |                     |            |  |
|---------------|--|-------------------------|--|-------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------|-----|---------------------|------------|--|
| Roz. - Polot. |  | P8 - 300 x 500          |  | CSN 42 5310 |         |                                                                                                                                                             | Presnost ISO 2768-mK |                         |     |                     |            |  |
|               |  | c)                      |  | Mater.      |         | II 373                                                                                                                                                      | Tr. odp              |                         | 001 | Tolerovani ISO 8015 |            |  |
|               |  | b)                      |  | C. hm       |         | 9.348                                                                                                                                                       | Hr. hm.              |                         |     |                     |            |  |
|               |  | a)                      |  |             |         |                                                                                                                                                             |                      |                         |     |                     |            |  |
| Zmena         |  | Datum                   |  | Index       | Podpisy |                                                                                                                                                             |                      |                         |     |                     |            |  |
| Meritko       |  | Pozn.                   |  | Navrh       |         | <div><b>TECHNICKÁ UNIVERZITA V LIBERCI</b><br/><b>www.tul.cz</b></div> |                      |                         |     |                     |            |  |
| 1:2           |  |                         |  | Kreslil     |         |                                                                                                                                                             |                      |                         |     |                     | RAKESH_NAG |  |
|               |  |                         |  | Prezkousel  |         |                                                                                                                                                             |                      |                         |     |                     |            |  |
| C. seznamu    |  |                         |  | Technolog   |         |                                                                                                                                                             |                      |                         |     |                     |            |  |
| C. sestavy    |  | KTS2.0.01.SUPPORT_PLATE |  | Normaliz.   |         | Název                                                                                                                                                       |                      |                         |     |                     |            |  |
| Stary vykr.   |  |                         |  | Schvalil    |         | JIRI_KOMAREK                                                                                                                                                |                      | Cis. vykresu            |     |                     |            |  |
| Novy vykr.    |  |                         |  | Datum       |         | Jan-08-21                                                                                                                                                   |                      | KTS2_0_01_SUPPORT_PLATE |     |                     |            |  |
|               |  |                         |  |             |         |                                                                                                                                                             |                      | list 1<br>listul        |     |                     |            |  |



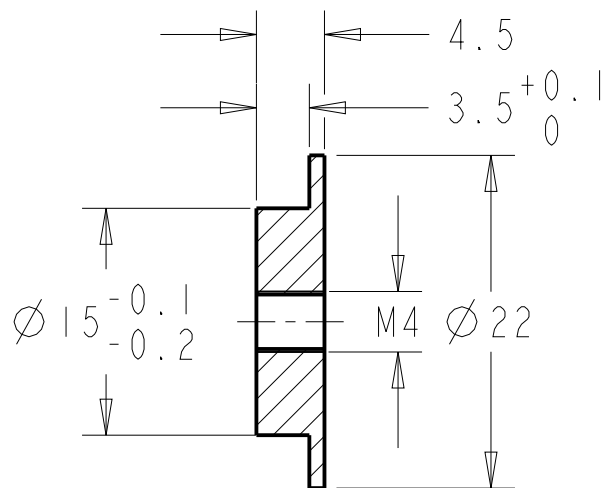
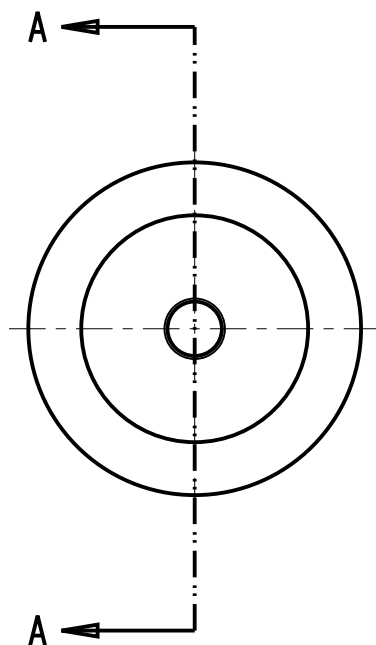


SECTION A-A

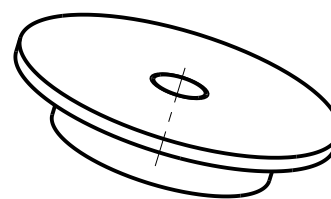


|              |  |                           |  |            |  |              |  |              |  |                                                                                                                                                                                                                                                           |  |     |  |                     |  |
|--------------|--|---------------------------|--|------------|--|--------------|--|--------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|--|---------------------|--|
| Roz. -Polot. |  | PLO 45 X 20 - 45          |  |            |  | CSN 42 5522  |  |              |  | Presnost ISO 2768-mK                                                                                                                                                                                                                                      |  |     |  |                     |  |
|              |  | c)                        |  |            |  | Mater.       |  | II 373       |  | Tr. odp                                                                                                                                                                                                                                                   |  | 001 |  | Tolerovani ISO 8015 |  |
|              |  | b)                        |  |            |  | C. hm        |  | 0.713        |  | Hr. hm.                                                                                                                                                                                                                                                   |  |     |  |                     |  |
|              |  | a)                        |  |            |  |              |  |              |  |                                                                                                                                                                                                                                                           |  |     |  |                     |  |
| Zmena        |  |                           |  | Datum      |  | Index        |  | Podpisy      |  | <div><div><b>TECHNICKÁ UNIVERZITA V LIBERCI</b><br/><b>www.tul.cz</b></div></div> |  |     |  |                     |  |
| Meritko      |  | Pozn.                     |  | Navrhl     |  |              |  |              |  |                                                                                                                                                                                                                                                           |  |     |  |                     |  |
| :            |  |                           |  | Kreslil    |  | RAKESH_NAG   |  |              |  |                                                                                                                                                                                                                                                           |  |     |  |                     |  |
| C. seznamu   |  |                           |  | Prezkousel |  |              |  | Nazev        |  | CONNECTING_PART                                                                                                                                                                                                                                           |  |     |  |                     |  |
| C. sestavy   |  | KTS2_0_03.CONNECTING_PART |  | Normaliz.  |  |              |  | Cis. vykresu |  | KTS2_0_03.CONNECTING_PART                                                                                                                                                                                                                                 |  |     |  |                     |  |
| Stary vykr.  |  |                           |  | Schvalil   |  | JIRI_KOMAREK |  |              |  |                                                                                                                                                                                                                                                           |  |     |  |                     |  |
| Novy vykr.   |  |                           |  | Datum      |  | Jan-10-21    |  |              |  |                                                                                                                                                                                                                                                           |  |     |  |                     |  |
|              |  |                           |  |            |  |              |  |              |  | list 1<br>listul                                                                                                                                                                                                                                          |  |     |  |                     |  |

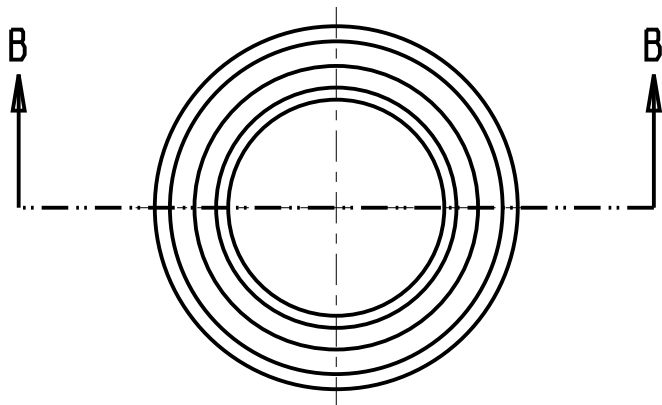
3.2



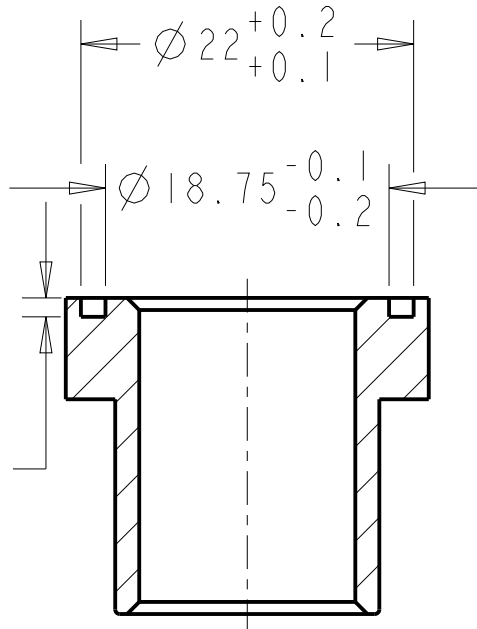
SECTION A-A



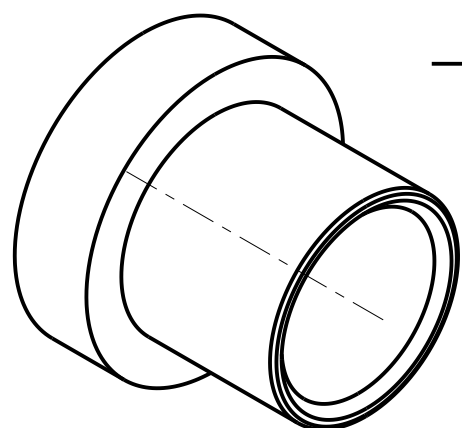
|               |                              |            |              |                                                                                                                                                                         |        |                      |     |
|---------------|------------------------------|------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------|-----|
| Roz. - Polot. |                              | Ø 22 - 20  |              | CSN 42 5510                                                                                                                                                             |        | Presnost ISO 2768-mK |     |
|               |                              | c)         |              | Mater.                                                                                                                                                                  | II 373 | Tr. odp              | 001 |
|               |                              | b)         |              | C. hm                                                                                                                                                                   | 0.006  | Hr. hm.              |     |
|               |                              | a)         |              |                                                                                                                                                                         |        |                      |     |
| Zmena         |                              | Datum      | Index        | Podpisy                                                                                                                                                                 |        |                      |     |
| Meritko       | Pozn.                        | Navrhl     |              |                                                                                                                                                                         |        |                      |     |
| 2:1           |                              | Kreslil    | RAKESH_NAG   |                                                                                                                                                                         |        |                      |     |
| C. seznamu    |                              | Prezkousel |              |                                                                                                                                                                         |        |                      |     |
| C. sestavy    | KTS2.0.04_RUBBER_PAD_SUPPORT | Technolog  |              |                                                                                                                                                                         |        |                      |     |
| Stary vykr.   |                              | Normaliz.  |              |                                                                                                                                                                         |        |                      |     |
| Novy vykr.    |                              | Schvalil   | JIRI_KOMAREK |                                                                                                                                                                         |        |                      |     |
|               |                              | Datum      | Jan-06-21    |                                                                                                                                                                         |        |                      |     |
|               |                              |            |              |  <b>TECHNICKÁ UNIVERZITA V LIBERCI</b><br><a href="http://www.tul.cz">www.tul.cz</a> |        |                      |     |
|               |                              |            |              | Název<br>RUBBER_PAD_SUPPORT                                                                                                                                             |        |                      |     |
|               |                              |            |              | Cis. vykresu<br>KTS2_0_04_RUBBER_PAD_SUPPORT                                                                                                                            |        |                      |     |
|               |                              |            |              | list 1<br>listul                                                                                                                                                        |        |                      |     |



3.2



SECTION B-B



Part is from AMF company (just groove has to be created)

|               |                      |            |              |         |                                                                                                                                                                         |             |     |                      |  |
|---------------|----------------------|------------|--------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----|----------------------|--|
| Roz. - Polot. |                      | Ø24-21     |              |         |                                                                                                                                                                         | CSN 42 5510 |     | Presnost ISO 2768-mK |  |
|               |                      | c)         |              | Mater.  | II 373                                                                                                                                                                  | Tr. odp     | 001 | Tolerovani ISO 8015  |  |
|               |                      | b)         |              | C. hm   | 0.021                                                                                                                                                                   | Hr. hm.     |     |                      |  |
|               |                      | a)         |              |         |                                                                                                                                                                         |             |     |                      |  |
| Zmena         |                      | Datum      | Index        | Podpisy |  <b>TECHNICKÁ UNIVERZITA V LIBERCI</b><br><a href="http://www.tul.cz">www.tul.cz</a> |             |     |                      |  |
| Meritko       | Pozn.                | Navrhl     |              |         |                                                                                                                                                                         |             |     |                      |  |
| 2:1           |                      | Kreslil    | RAKESH_NAG   |         | Nazev<br>BLOCK_BUSH                                                                                                                                                     |             |     |                      |  |
|               |                      | Prezkousel |              |         |                                                                                                                                                                         |             |     |                      |  |
| C. seznamu    |                      | Technolog  |              |         | Cis. vykresu<br>KTS2_0_05_BLOCK_BUSH                                                                                                                                    |             |     |                      |  |
| C. sestavy    | KTS2_0_05_BLOCK_BUSH | Normaliz.  |              |         |                                                                                                                                                                         |             |     |                      |  |
| Stary vykr.   |                      | Schvalil   | JIRI_KOMAREK |         | list 1<br>listul                                                                                                                                                        |             |     |                      |  |
| Novy vykr.    |                      | Datum      | Jan-05-21    |         |                                                                                                                                                                         |             |     |                      |  |