

GUIDELINES FOR WRITING A THESIS (DIPLOMA OR BACHELOR)

1. Style guidelines for thesis is given by TUL's Rector's Directive No. 5/2018 (version valid from 12. 9. 2022 - <https://doc.tul.cz/11368>).
2. Each section of the thesis should be placed in this order:
 - a) Envelope (cover) - according to the Rector's Directive
 - b) Title Page in English - generated by IS STAG (see the Rector's Directive)
 - c) Thesis Assignment in English – generated by IS STAG (see the Rector's Directive)
 - d) Author's Statement to Use the Results of the Thesis in English - generated by IS STAG (see the Rector's Directive)
 - e) Thesis title, annotation and keywords in the Czech language and the same in English, on separate pages - (see *Attachment I* of these instructions and see the Rector's Directive)
 - f) Thanks - voluntary, optional (you can thank the family, consultants, supervisor, project...)
 - g) Contents of Thesis
 - h) List of used abbreviations, marks, symbols (sorted in ascending alphabetical order)
 - i) Text of the Thesis
 - j) A list of used literature, i.e. a list of all bibliographic, information and data sources, taken over and own, used in the processing of the work. Processing according to TUL methodology (<https://dspace.tul.cz/handle/15240/172152> or <https://etul.publi.cz/book/2762-citation-guidelines>)
 - k) A list of attachments and drawings, if the thesis has attachments and drawings
 - l) Attachments if the thesis has attachments
 - m) Drawings. Numbering of the drawings *Attachment II* of these instructions.
3. Styling the thesis (font, pictures, etc): It is recommended to use Guidelines for Writing Bachelor or Master Thesis: <https://dspace.tul.cz/handle/15240/27005>
4. Submission of the thesis (for instructions see Rector's Directive 5/2018 Art. 4)
 - The thesis is submitted in printed form in two copies, bound in the hard cover so that the individual sheets are not loose. One copy is returned to the student after the defence and one remains at the department.
 - **Before the work is submitted** it is mandatory to submit its data to IS STAG (title, annotation, keywords – **in Czech and English**). It is also mandatory to upload the thesis (incl. Assignment) in **pdf** format – the electronic version must be the same as the printed one.
 - The thesis is submitted to the supervisor or the head of the department.

TÉMA: ÚPLNÝ NÁZEV PODLE ZADÁNÍ (např. ULOŽENÍ VŘETENE SOUSTRUHU SU)

ANOTACE: (stručný výtah obsahu práce, způsob řešení, dosažené výsledky)

Práce shrnuje informace o užívaných uloženích, zvláště valivých ložisek - otáčky, teploty, přesnost chodu, tuhost trvanlivost možnosti montáže, sledování provozního stavu. Zabývá se výpočtem optimalizace uložení a změn vlivem předpětí ložisek a užitím ložisek různých výrobců.

KLÍČOVÁ SLOVA: soustruh, vřeteno, uložení, ložiska, tuhost

THEME: SPINDLE SUPPORT IN LATHE SU

ANNOTATION: (a brief summary of the content of the diploma/bachelor's thesis, method of solution, achieved results)

The diploma/bachelor's thesis summarizes information about bearings used, especially rolling bearings - revolutions, temperatures, running accuracy, stiffness, durability, mounting options, monitoring of operational status. It deals with the calculation of storage optimization and changes due to bearing preload and the use of bearings from different manufacturers.

KEYWORDS: lathe, spindle, bearings, stiffness

(Czech annotation on one sheet and English annotation on the other sheet)

Attachment II Drawing Numbering

Example of drawing numbering:

0 - KSA - XXXXXXXXXXX - 01 - 01

