Assignment 11

- Files to be delivered:
    - Individual files of all parts used in the assembly (*.SLDPRT)
    - Assembly file (*.SLDASM)
    - Assembly technical drawing file (*.SLDDRW) including all parts' drawings with dimensions.

- Submission format: All files will be in ONE SINGLE archive file!

(file with *.zip or *.rar extension)

- File name: " A11_Surname_NameInitials_StudentNo.rar"

- Evaluation Criteria:
    - Use of mechanical mate,
    - Creating exploded view,
    - Rules of 2D assembly drawing,
    - BOM and numbering,
    - Ability to fit the views into the frame in the given template (enlargement or reduction scaling if necessary, to use the paper area efficiently),
    - Proper alignment of views within the frame and their placement in accordance with the described rules.

Gear Puller Assembly

Part 3 — SCREW
- Ø8 THRU
- 9
- 22
- M12X1.75
- 116
- 6
- 6
- 60°
- CONICAL POINT
- (3) SCREW 1020 STL 1 REQ
- NOTE: BREAK CORNERS ON PARTS 1 & 2

Part 6 — KNOB
- Ø14
- M6X1-7 DEEP
- (6) KNOB 1020 STL 2 REQ

Part 5 — HANDLE
- M6X1-6 BOTH ENDS
- (5) HANDLE—1 REQ 1020 STEEL 100 LONG
- (6) KNOB

Part 1 — YOKE
- 18
- 6
- 6
- 20
- M12X1.75-THRU
- Ø8—2HOLES
- 18
- 19
- 12
- 58
- 19
- SYMMETRICAL
- (1) YOKE 1020 STL 1 REQ
- 5

Part 2 — ARM
- 5
- (2)
- 4
- M12X1.75
- KNURL DIAMOND 96 DP
- Ø32
- Ø22
- 9 13
- (4) SPREAD NUT 1020 STEEL 1 REQUIRED
- Ø8
- 18
- (7) SPRING PIN STEEL 2 REQ
- (2) ARM—1020 STL 2 REQUIRED BREAK CORNERS

DETAIL PART 2
- R6
- Ø20
- Ø8
- R10
- R2
- R1.5
- R3
- 29
- 22
- 102
- 9
- 18°
- 3

Detail callouts (lower right)
- R1.50
- R2.00
- R3.00
- 4,50
- 8,50
- 18°