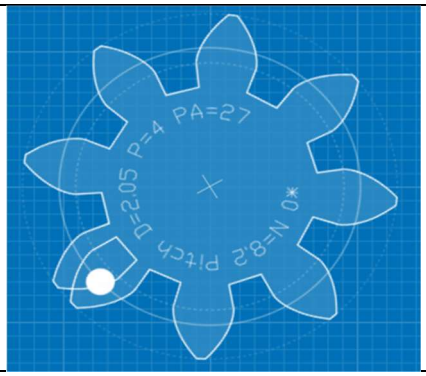
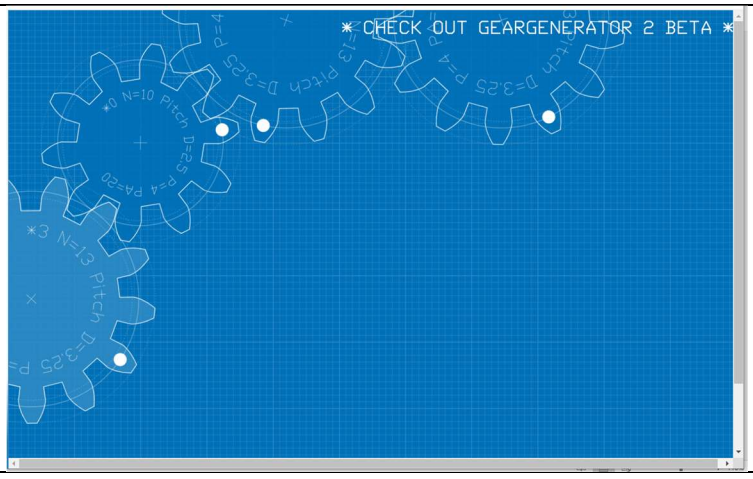
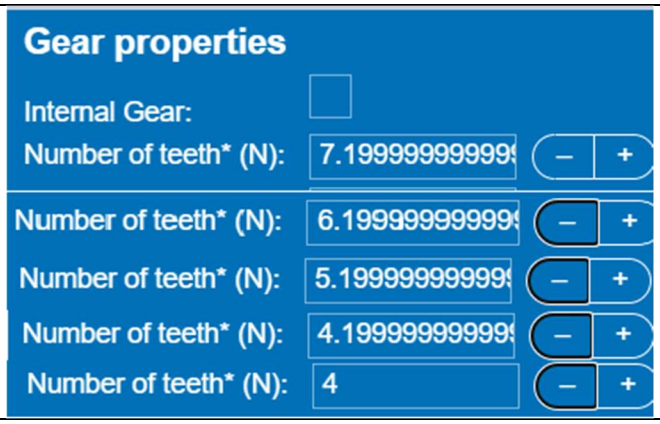
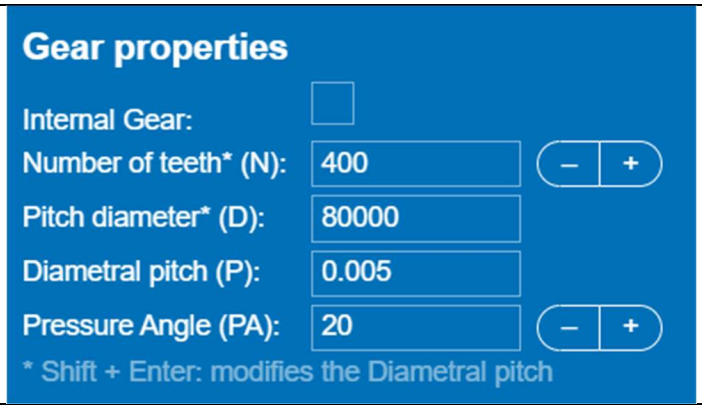
Bug Reports

ID	**1**
Project	Gear Generator
Created	10.09.2023
Summary	Number of teeth (N) accepts decimal numbers
Category **Severity** **Description**	Problem Normal The Number of teeth field accepts numbers with decimals and the gear displays asymmetrical teeth. **How to recreate:** 1. Click on the Clear button 2. Gear #0 is selected 3. Set the Number of teeth (N) = 8.2 4. Click Enter and **OBSERVE** that the displayed gear has asymmetrical teeth
Environment	Version 1.5
Attachments	
Reporter	Cristina Sipos

ID	**2**
Project	Gear Generator
Created	10.09.2023
Summary	The bottom and right-side scroll bars do not work properly
Category **Severity** **Description**	Problem Normal When multiple gears are added (4) and the connection angle is changed for different gears (Gear#0, CA=0; Gear#1, CA=40; Gear#2, CA=0; Gear#3, CA=-125), the bottom and the right side scroll bars do not work properly, and the gears are truncated. **How to recreate:** 1. Click on the Clear button 2. Add three more gears 3. Set the number of teeth for each gear: G#0=10, G#1=13, G#2=13, G#3=13 4. Set the connection angle for each gear: CA=0, CA=40, CA=0, CA= -125 5. Scroll down and up the right sidebar, and left-right the bottom bar, and **OBSERVE** that the bars are not working properly
Environment	Version 1.5
Attachments	
Reporter	Cristina Sipos

ID	**3**
Project	Gear Generator
Created	10.09.2023
Summary	The Number of teeth input field decreases non-uniformly at a certain set of values of “N”
Category **Severity** **Description**	Problem Normal When the input of the Number of teeth is set to 8.2 and the “-” button is clicked repeatedly, the number decreases non-uniformly to 7.199999999999999, 6.199999999999999, 5.199999999999999, 4.199999999999999, and then to 4. **How to recreate:** 1. Click on the Clear button 2. Gear #0 is selected 3. Set the Number of teeth (N) = 8.2 4. Click on the “-” button repeatedly and **OBSERVE** how the number decreases non-uniformly
Environment	Version 1.5
Attachments	
Reporter	Cristina Sipos

ID	**4**
Project	Gear Generator
Created	10.09.2023
Summary	Diametral pitch (P) goes under its limits when clicking on Shift + Enter
Category **Severity** **Description**	Problem Normal When using certain data inputs for N and D fields, I found out that when clicking on Shift + Enter the Diametral pitch (P) goes under its limit. **How to recreate:** 1. Click on the Clear button 2. Gear #0 is selected 3. Set the Number of teeth (N) = 400 4. Set the Pitch diameter (D) = 80000 5. Click on the Shift + Enter buttons and OBSERVE that Diametral pitch (P) is set to 0.005
Environment	Version 1.5
Attachments	
Reporter	Cristina Sipos