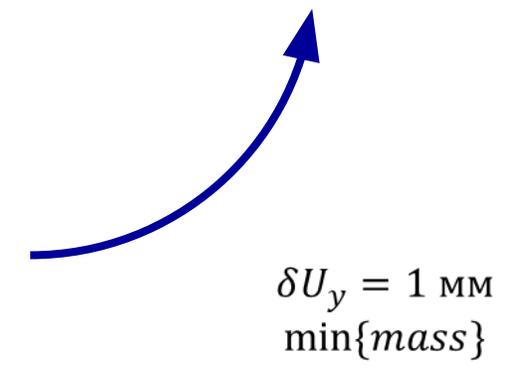
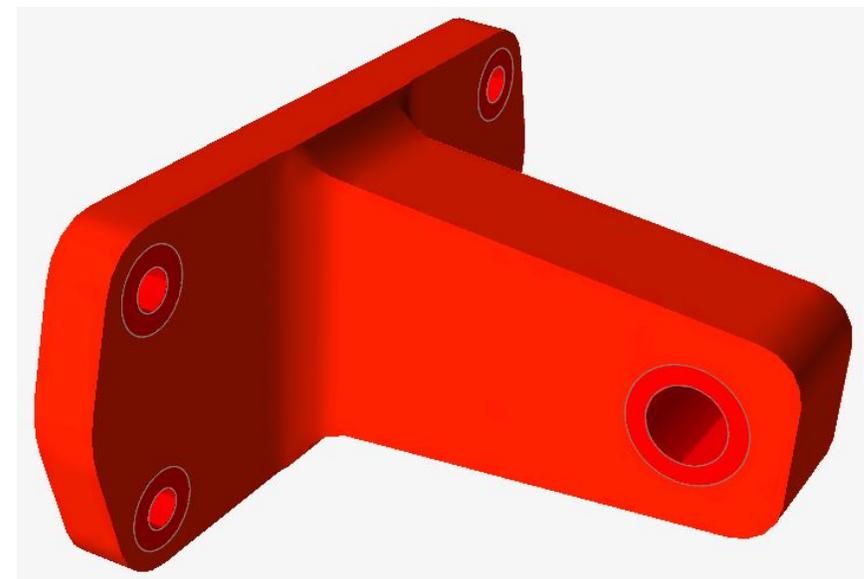
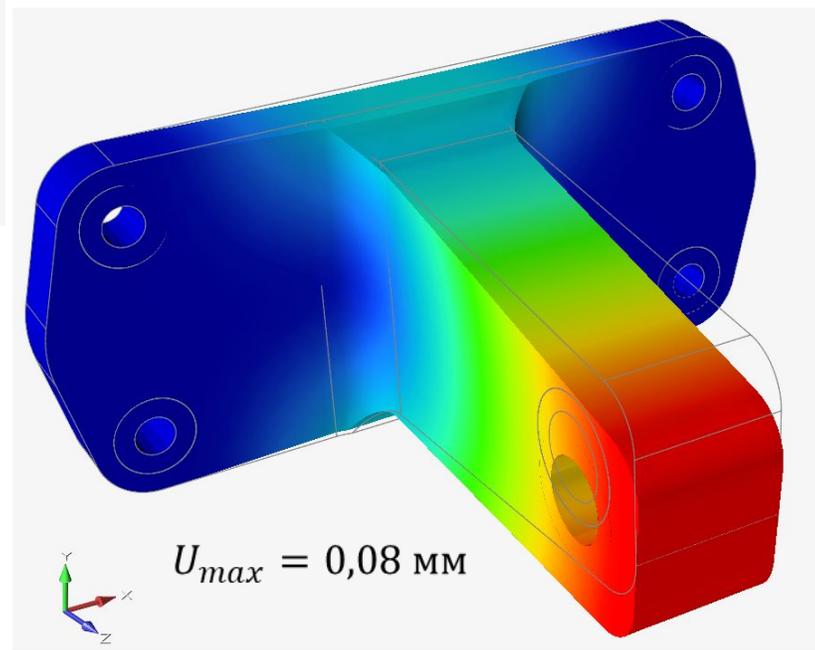
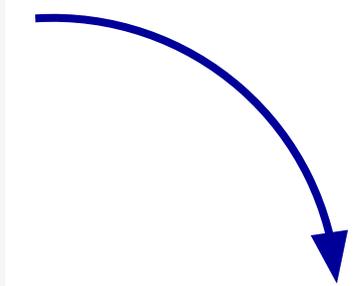
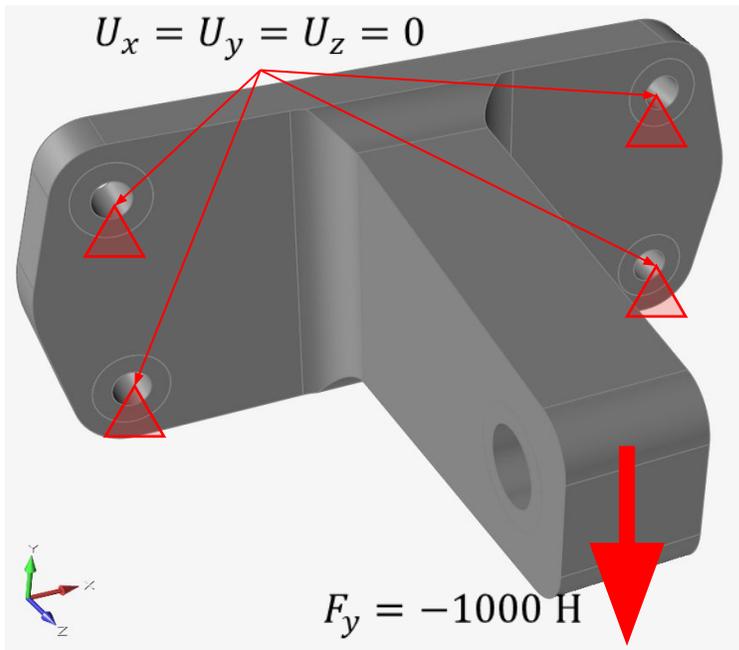


Пример 1. Расчет и оптимизация кронштейна



Пример 2. Расчет и оптимизация кронштейна

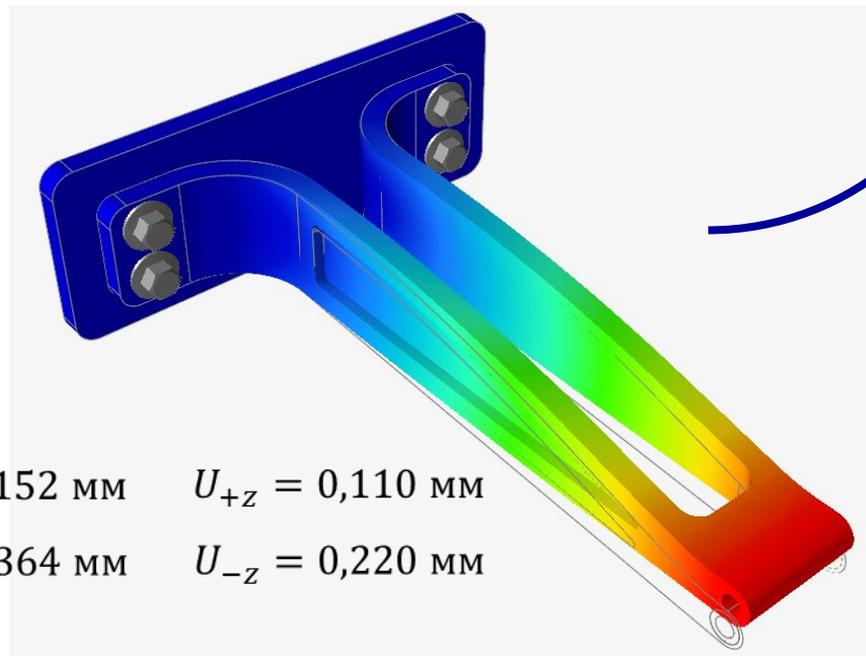
$U_x = U_y = U_z = 0$

Steel AISI 304

Aluminum 6061 – T6

$F_{+x} = 500 \text{ H}$	$F_{+y} = 2000 \text{ H}$	$F_{+z} = 1000 \text{ H}$
$F_{-x} = 500 \text{ H}$	$F_{-y} = 1500 \text{ H}$	$F_{-z} = 2000 \text{ H}$

$U_{+x} = 1,476 \text{ MM}$	$U_{+y} = 3,152 \text{ MM}$	$U_{+z} = 0,110 \text{ MM}$
$U_{-x} = 1,476 \text{ MM}$	$U_{-y} = 2,364 \text{ MM}$	$U_{-z} = 0,220 \text{ MM}$



$\delta U_x = 1,0 \text{ MM}$
 $\delta U_y = 2,0 \text{ MM}$
 $\delta U_z = 0,5 \text{ MM}$
 $\min\{mass\}$

Самостоятельное задание. Оптимизация детали антенного модуля

