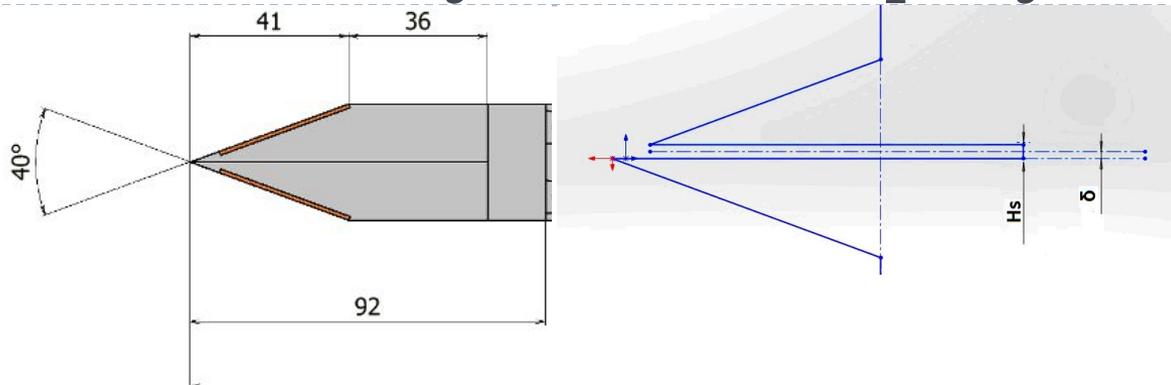


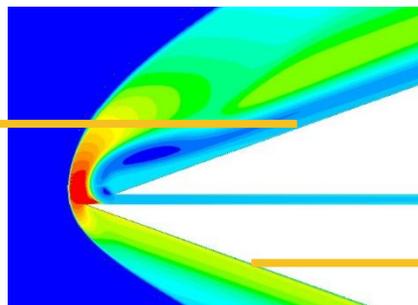
Клин с выдувом навстречу потоку



$M_\infty = 5$
 $T_0 = 500 \text{ K}$
 $T_\infty = 133.3 \text{ K}$
 $p_0 = 50 \text{ атм}$
 $T_w = 288 \text{ K}$
 $\gamma = 1.4; \text{Pr} = 0.72$
 $Tu = 1\%$

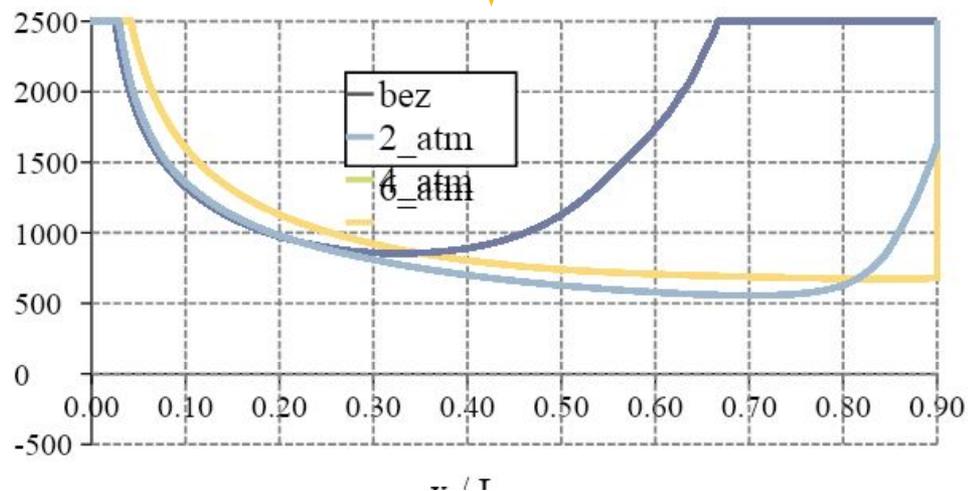
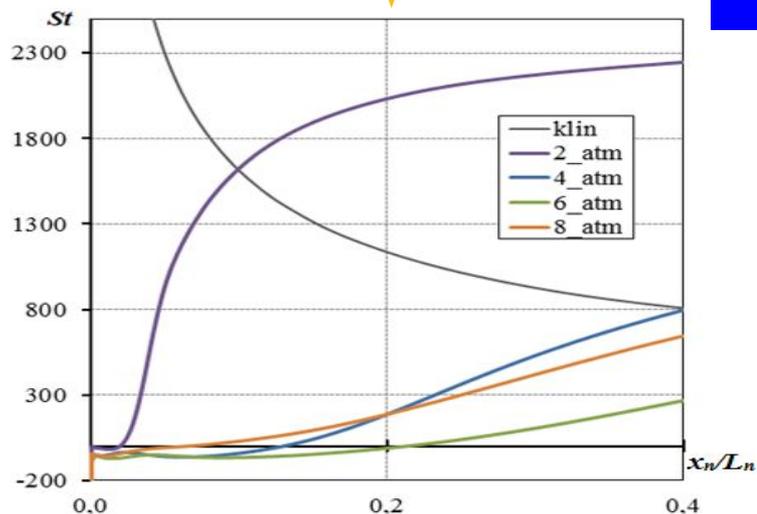
2D постановка

Расчётная сетка: 0.25 млн



Выдув

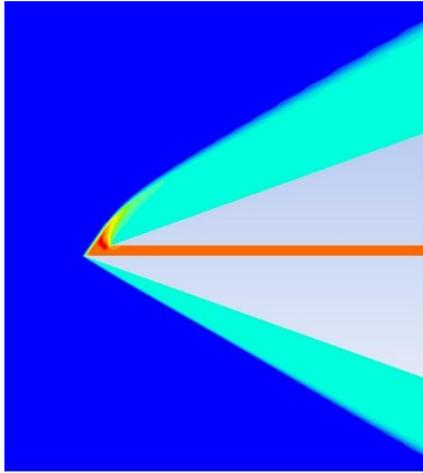
$H_s = 0.2 \text{ мм}; \delta = 0.5H_s$
 $p_{0,inj} = 2; 4; 6; 8 \text{ атм}$
 $T_{0,inj} = 290 \text{ K}$



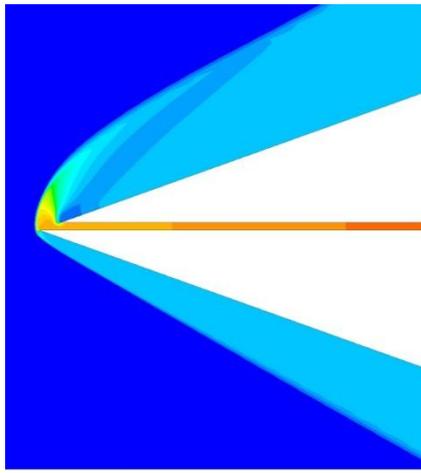
|

Поля обтекания клина с выдувом

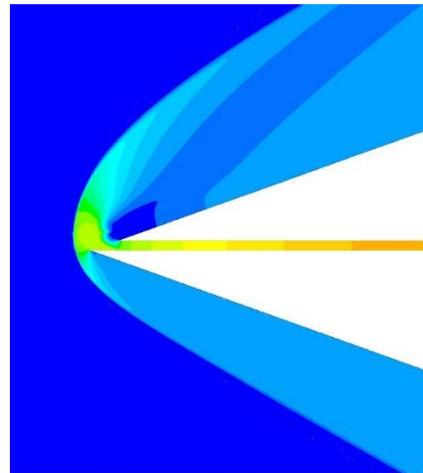
P



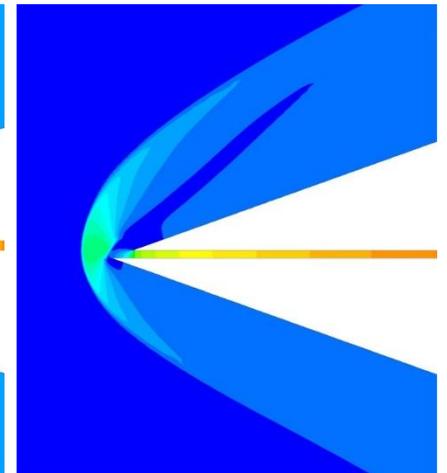
$P_0 = 2$ атм



$P_0 = 4$ атм



$P_0 = 6$ атм



$P_0 = 8$ атм

T

