Cored flange	
I_1 [mm^4]	16881660
I_2 [mm^4]	4726780
S_c [mm]	100
S_t [mm]	100
A [mm^2]	3072

Solid flange	
I_1 [mm^4]	18907130
I_2 [mm^4]	4726780
S_c [mm]	100
S_t [mm]	100
A [mm^2]	3072

11% higher Second moment of area and section moduli

Same area and weight



