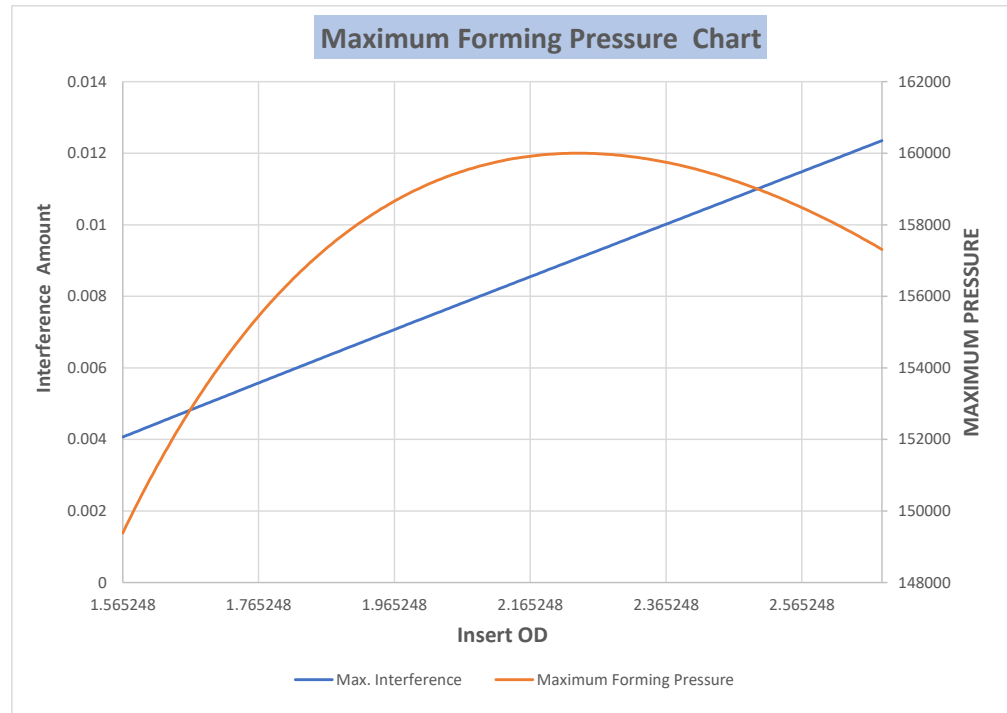


Input		
Insert	Material	Carbide(ND20)
	Yield Strength	200000
	Insert ID	1
Casing	Material	H13(RC46-49)
	ID	200000
	OD	5

Results				
		Selected Insert OD	2.029232	
		Maximum Interference in Die	0.007544	
		Maximum Forming Pressure	159243.952	
Fatigue Effective Stress at Bore	Insert	Mean Stress	34118.8054	
		Stress Amplitude	165879.1168	
		Minimum Stress	-131760.3114	
		Maximum Stress	199997.9222	
	Casing	Mean Stress	159718.2745	
		Stress Amplitude	40283.60323	
		Minimum Stress	119434.6712	
		Maximum Stress	200001.8777	
		Insert OD for Maximum Forming Pressure		<b>2.236068</b>
		Smaller OD - Slight Less Forming Pressure		<b>2.023642</b>

Study Information (Change as needed)	
Part #	
Study Date	max interference study
Project Name	gaurav nagpal



**English Unit System**

Dia inches  
 Stress lbs  
 Pressure lbs/in<sup>2</sup> - PSI