

WHAT IS MECHANICAL PRODUCT DESIGN?

ATTIN .	
4.0	BELLEVILLE



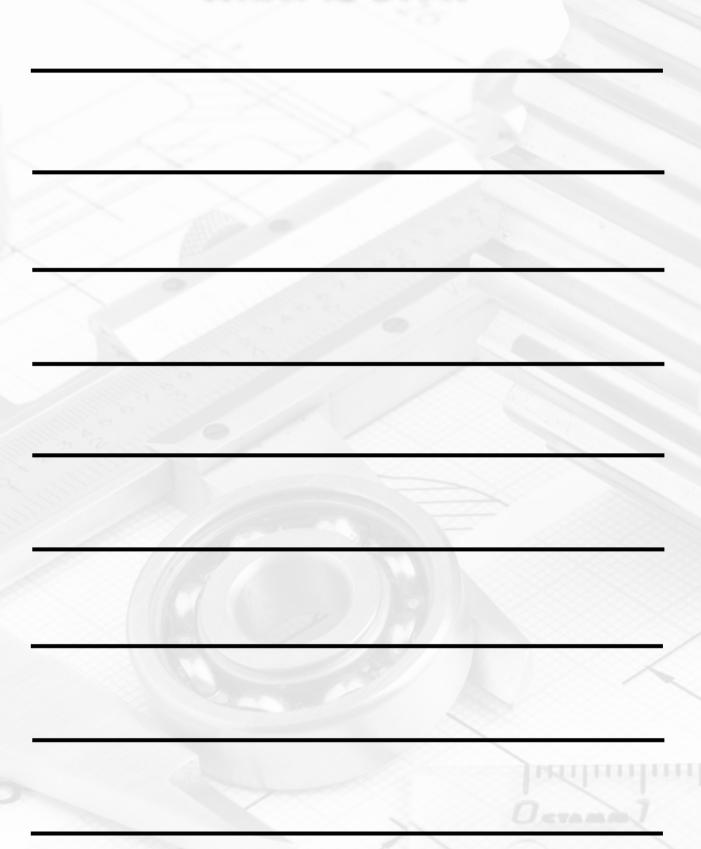
01 Recommended CAD Softwares 02



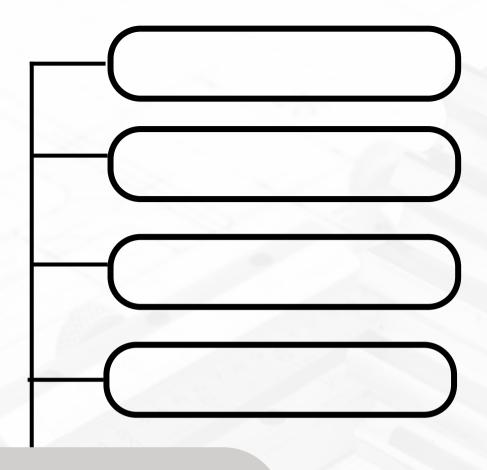
PRODUCT DESIGN PROCESS



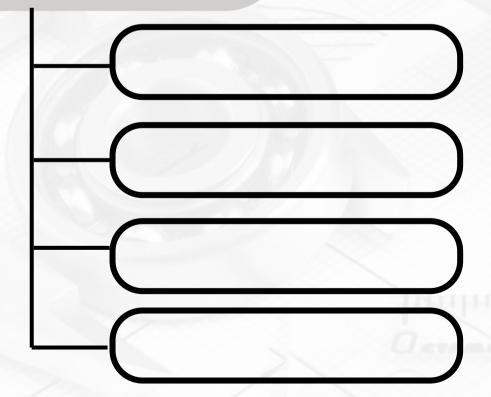
WHAT IS DFM?



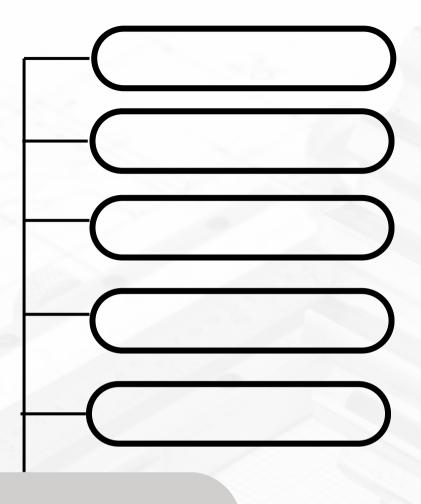




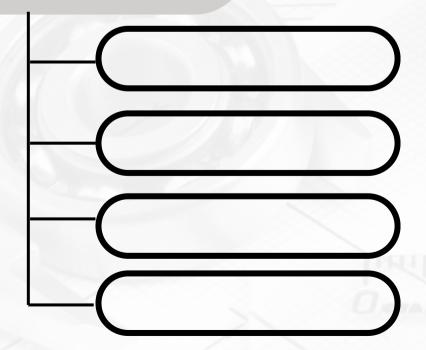
DFM Key Principles





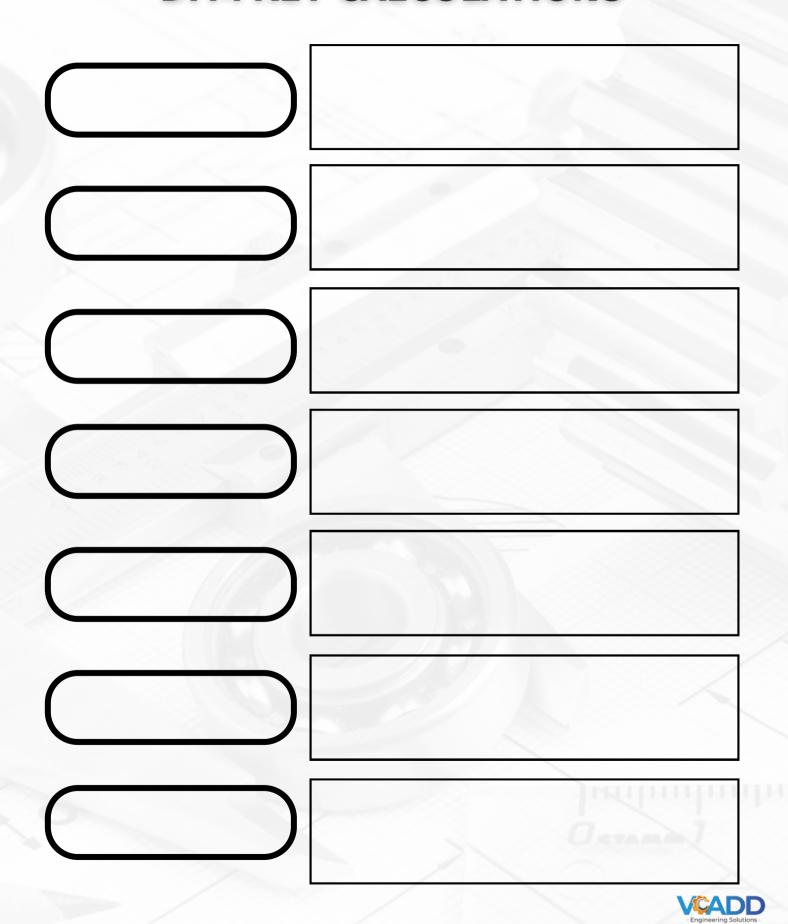


Steps to Apply DFM

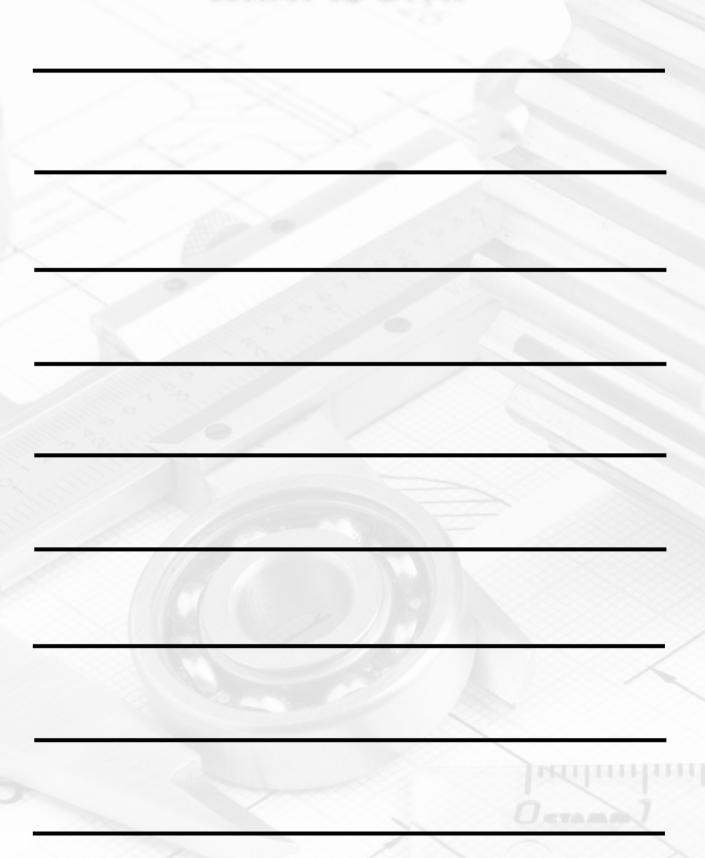




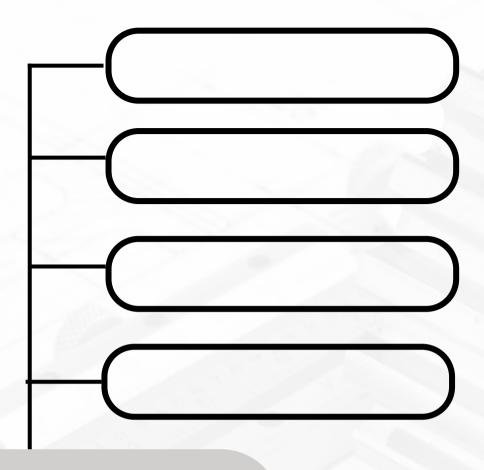
DFM KEY CALCULATIONS



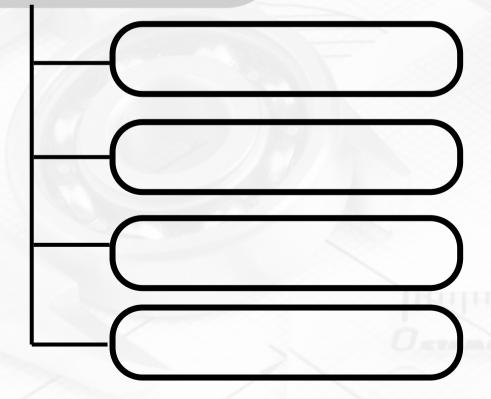
WHAT IS DFA?



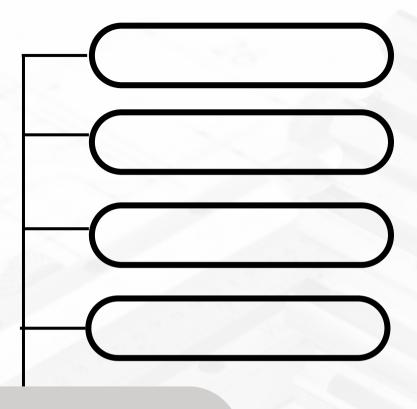




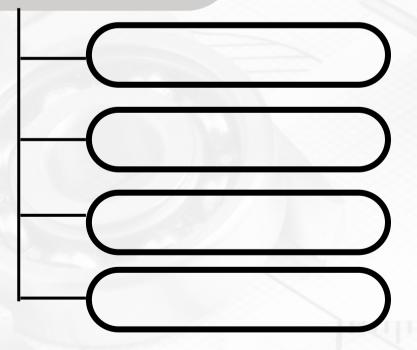
DFA Key Principles





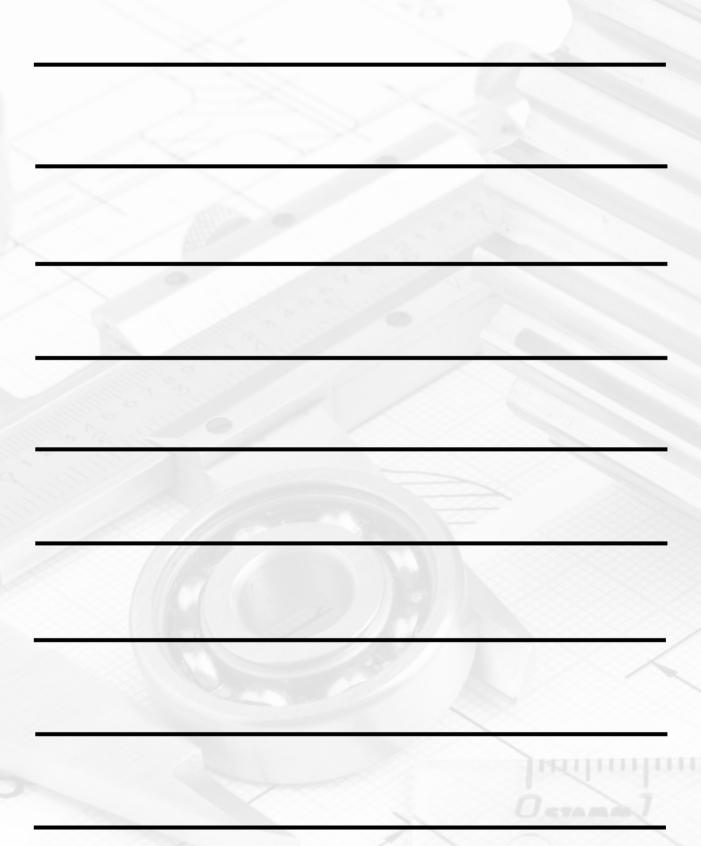


Steps to Apply DFA





Notes





Why Tolerance Stack is Required?

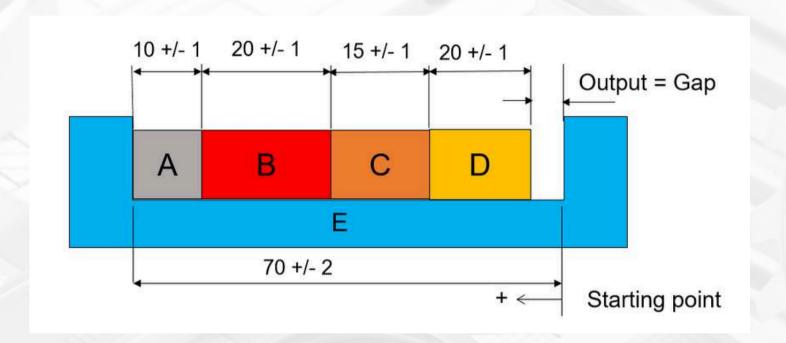
	ATTI	
	9	
	25	
200		
		Justimili



Which are various methods of Tolerance Stack?



Perform Tolerance Stack for below block example





3-2-1 Principle

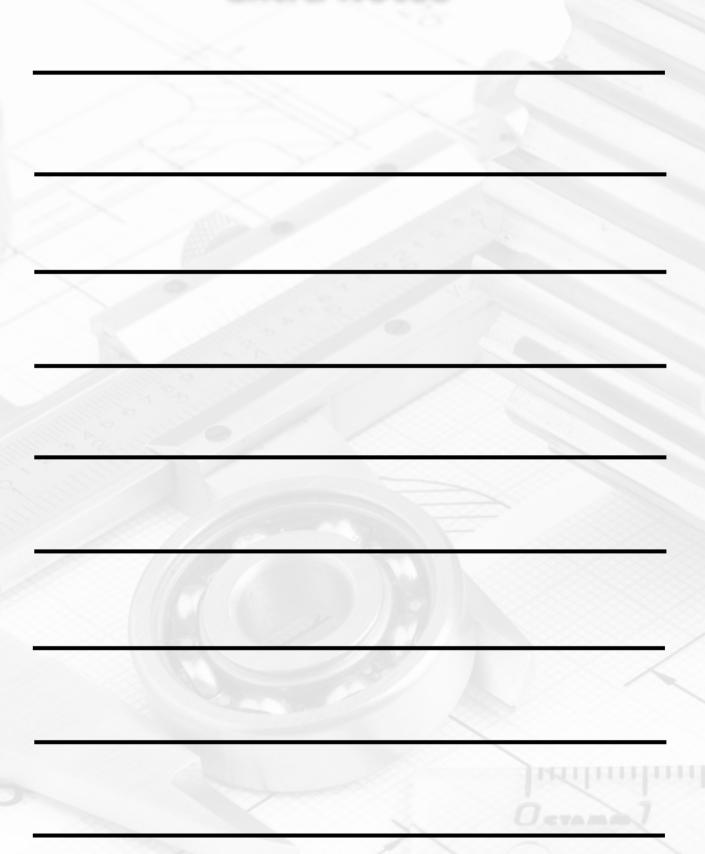
3 Pins Restricts:

2 Pins Restricts:

1 Pins Restricts:



Extra Notes





IMPORTANT POINTS: HOW TO CREATE MANUFACTURING DRAWINGS



TWO REASONS FOR NOT GETTING JOB



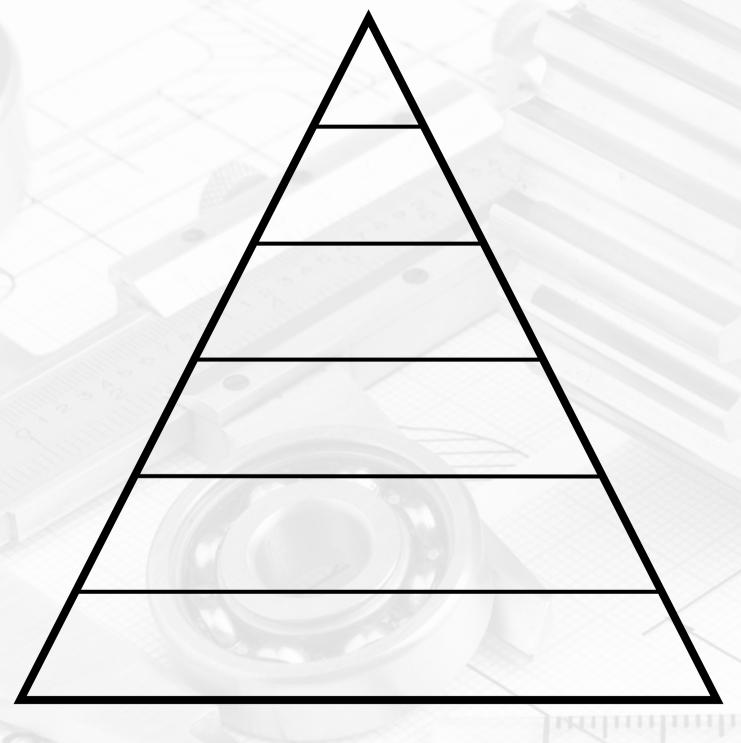




WHAT IS A\$AP RULE?



FILL BELOW PYRAMID



THIS IS _____ PYRAMID



STAGES TO ENTER INTO HIDDEN JOB MARKET

1.	
2.	
3.	
4.	
5.	
6.	nefilmili.



FRAMEWORK FOR NEXT 3 MONTHS

1.			
2.			
3.			
4.			
5.			



FRAMEWORK FOR NEXT 3 MONTHS

2 Months	
1 Month	



WHAT ARE IMPORTANT LEARNINGS OUT OF THIS WORKSHOP?

	9		
3 P			



TWO OPTIONS TO PROCEED FURTHER AS DESIGN ENGINEER CAREER

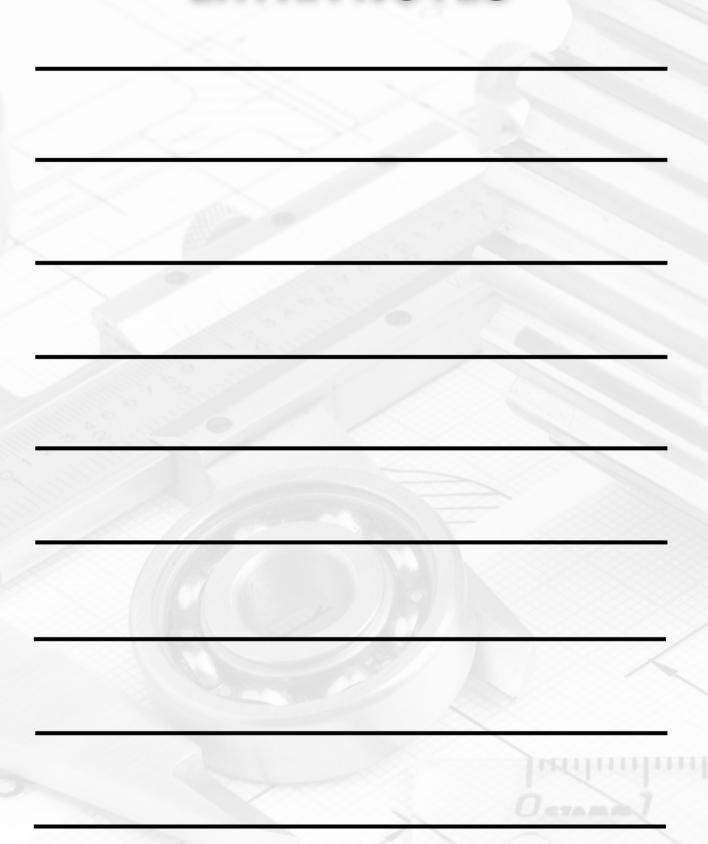
(choose any one option)

OPTION-1

OPTION -2

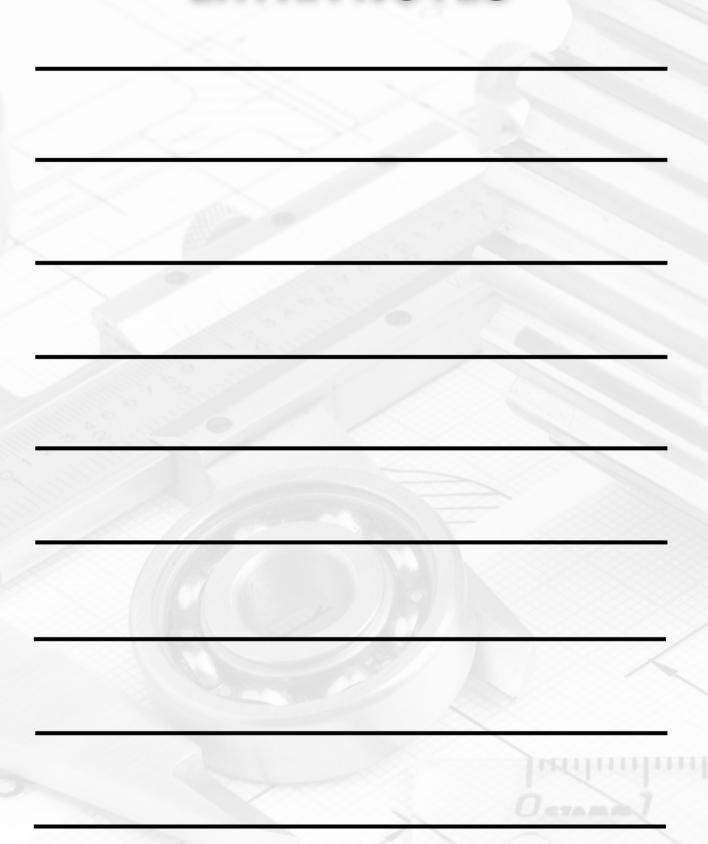


EXTRA NOTES



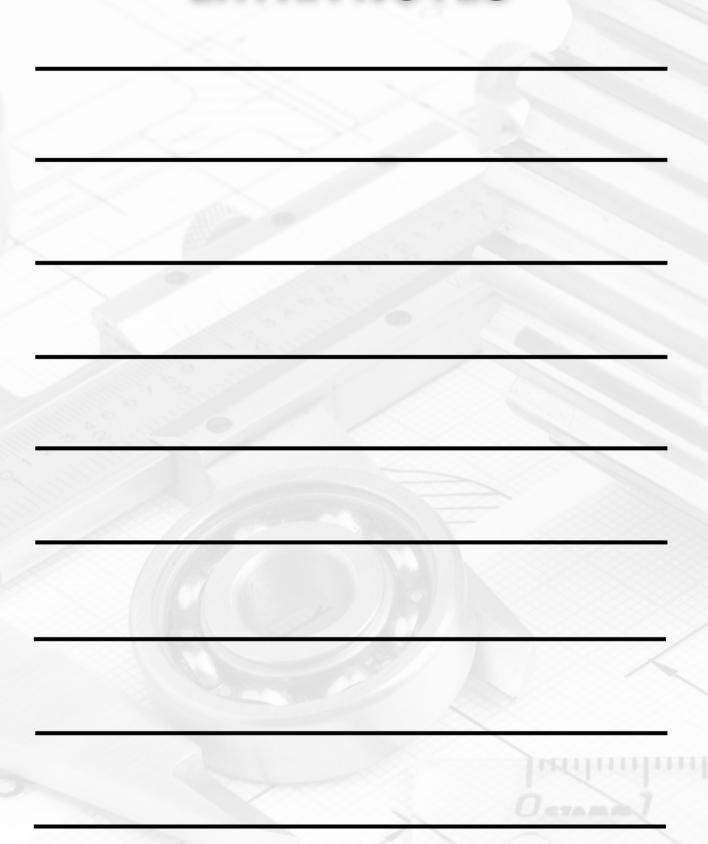


EXTRA NOTES





EXTRA NOTES





Next GD & T Section you need to fill by Watching "Introduction to GD & T" video in Free Bonuses



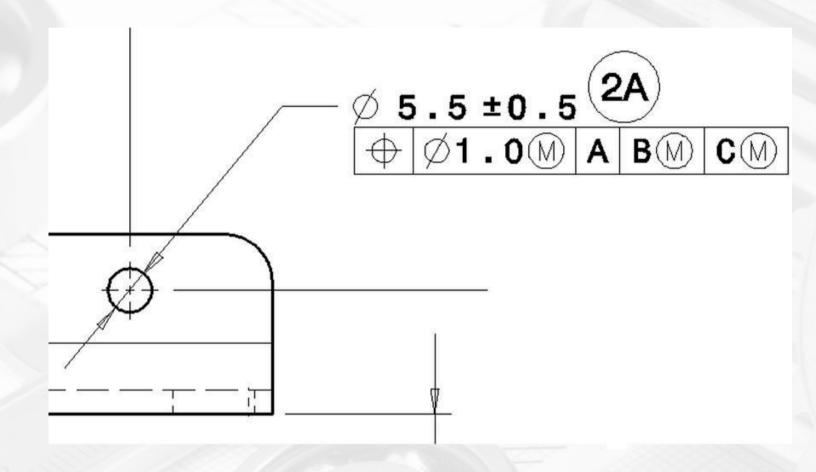
When GD & T Started? & By Whom?

Right down MMC & LMC values





<u>Hole</u>

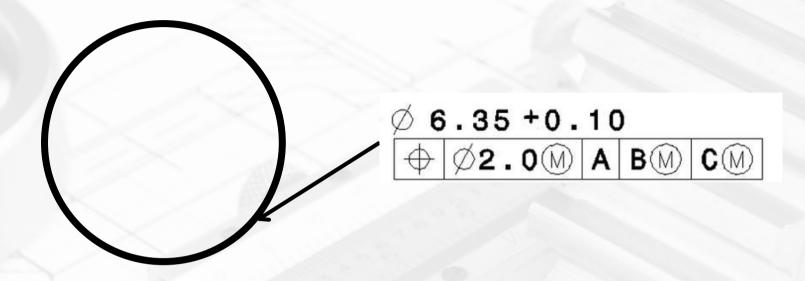


MMC ____

LMC _____



Shaft

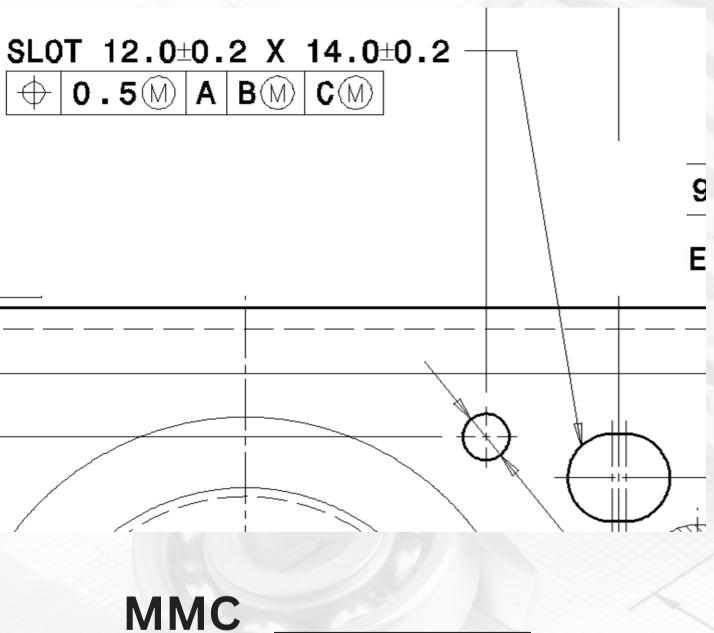


MMC ____

LMC ____



SLOT



LMC

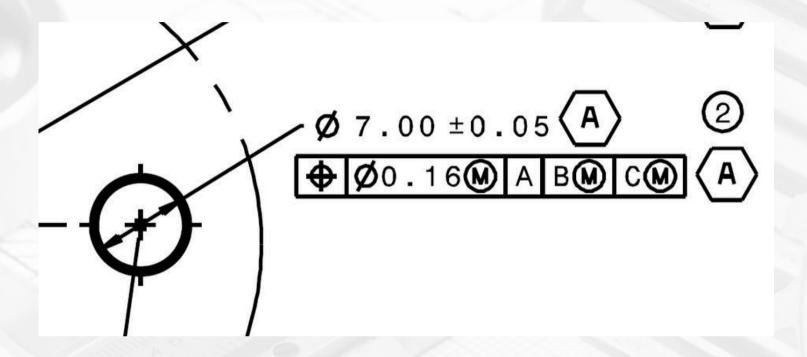


Fill below tables for possible tolerance Variation





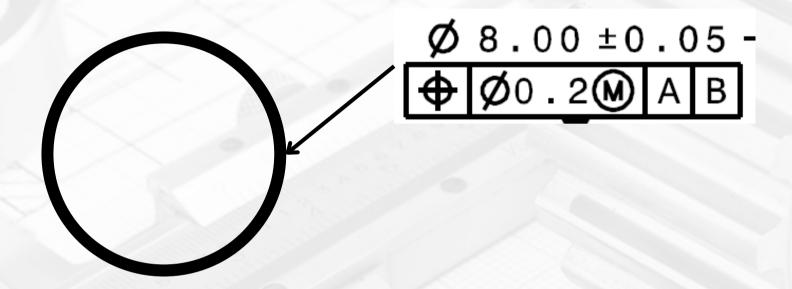
<u>Hole</u>



Size Variation	Allowable Positional Tolerance
6.95	
6.97	
7.00	
7.04	

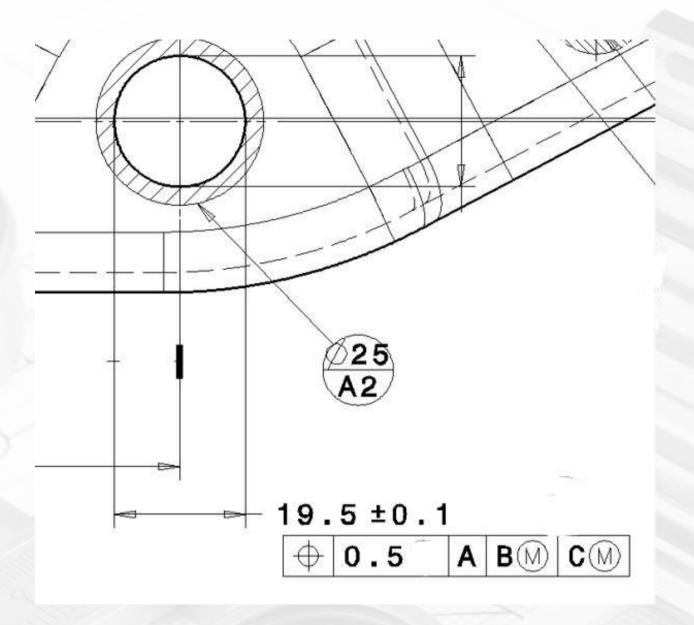


Shaft



Size Variation	Allowable Positional Tolerance
8.05	/ 5 ¹ /A 10
8.03	
7.98	
7.95	

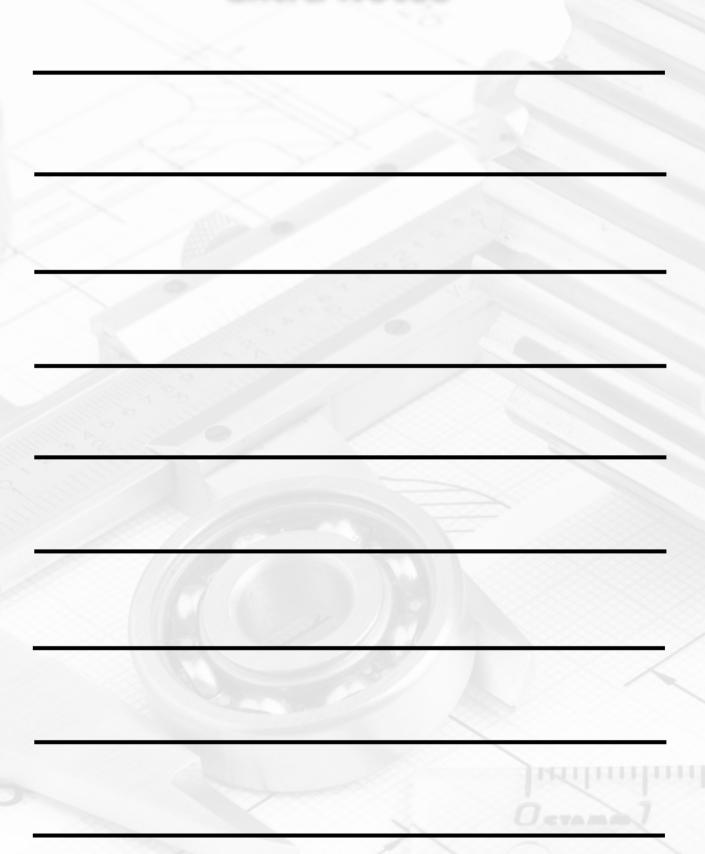




Size Variation	Allowable Positional Tolerance
19.6	139
19.5	
19.45	
19.4	



Extra Notes





Please, Follow these Important Instructions

- I'll be starting the workshop at the specified time. Please join in before 15 minutes for the session and be ready with this workbook.
- If you miss out on the golden nuggets that I'm going to share with you at the beginning of the workshop, I'm not responsible for it, so please don't be late
- Make sure that you are not getting disturbed by anyone during the entire Workshop.
- Make sure that you have downloaded zoom software's & joining through the laptop for the best experience.
- Please, sit in a quiet room and have a pen and notepad handy to take notes.
- Please keep notifications on for Whatsapp community group, you will get all information & reminders in group
- If you have any questions during the workshop, write them down in your notepad. At the end, I'll do Q&A Session and I'll answer every single question
- Zoom link already got shared with you, check your emails, incase if you have not received it, stay tuned in Whatsapp group



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