



PART NO.	QTY	PART NAME	MATERIAL
11	2	BALL BEARING NO 6000	CHROME STEEL
10	2	BALL BEARING NO 608-ZZ	CARBON STEEL
9	4	KEYS	AISI 4140 ALLOY STEEL
8	2	BALL BEARING NO- 626'2RS	CHROME STEEL
7	1	OUTPUT SHAFT	AI 24534
6	1	HELICAL GEAR	AI 7075-T6
5	1	HELICAL PINION	AI 7075-T6
4	1	INTERMEDIATE SHAFT	AI 24534
3	1	INPUT SHAFT	AI 24534
2	1	SPUR PINION	AI 7075-T6
1	1	SPUR GEAR	AI 7075-T6

COMPONENT	PART NO	FIT
BEARING	8,10,11	H7(SHAFT), K6(HOUSING)
KEYS	9	K6(SHAFT), H6(KEY)
SHAFTS	3,4,7	H7(INPUT), H7/H6 (INTERMEDIATE)
SPUR GEARS	1,2	H7(FOR MESHING)
HELICAL GEARS	5,6	H7(FOR MESHING)

ALL DIMENSIONS ARE IN MM	MIT- WORLD PEACE UNIVERSITY	
SUBJECT- TSD	NAMES:	PRN
DESIGN OF TWO STAGE REDUCTION GEAR BOX	ADITYA SURANA	1032222632
	SAKSHAM SANCHETI	1032220551
	SHRIRAM PATIL	1032220516
	CLASS- TY MECH CORE	DIV 2 T7 BATCH
SCALE- 1:1	SIGN	DATE

