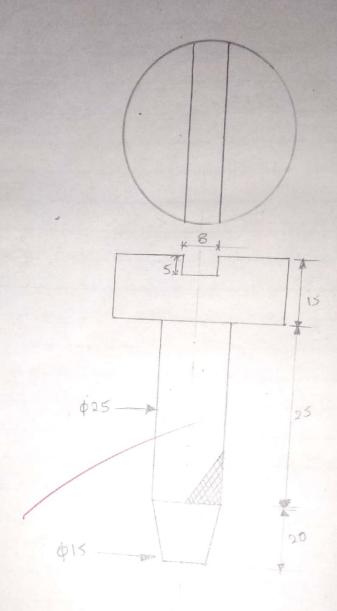
Aim: To perform horizontal milling. Appratus: - M/c handle, spaner, milling cutter.



All diamensions are in more

(1) Tolerance :- I 0.5 mm

(4) Actual Size: \$30 x 65 mm.

⁽²⁾ material :- Me Round Baz

⁽³⁾ Buse size: - \$30 × 70 mm

Experiment No-10 Aim: To perform horizontal milling Appratus : MIC handle, spanez, milling Measuring Postrument: steel rule, vernier Base size :- . \$30 × 70 mm Size of job :-Actual size: \$30 x 65 mm. procedure : 1. Firstly fin the job, horizonfully in lathe machine. 2. perform turning operation on job make ir of diameter 25 mm upto distance 45 mm 3. Then by facing reduce the length of job by 5 mm. 4. perform toper twining on job of diameter 25 mm up to Tength 20 mm and make it of 15 mm diameter at one end. 5. Remove the job from withe machine and fin it in milling machine. 6. Take a cut of 40 mm from aris of job on face at 30 mm diameter and depth 5 mm.

	After all operation the actual size of job become \$30 × 65 mm.
	job become qui
	precautions:
1	use goggles white working. I use goggles white working. I pron should be used I pron should be given at constant ro
	use goggles will be used a constant roll. Apron should be given at constant roll. Feed should be given at constant roll. Depth of cut should be minimum.
9	Resulting these way study and perform milling operation.
	Colins Is
	NO S

Aim: To perform vocious operation on the lathe machine, Turning, Facing, step turning, Tapez -tuning, operation, +meading, knowling, champeing, Drilling, Knubling \$ 18 .20 V-thread: All dimension are - In mm 1) Jolemance : ± 0,8 mm 2) Material : M.S. Round Bas 3] Basic dimension: \$25 × 70 mm 4) Actual diamension: 023 × 65 mm.

operation on the
AIM: To perform various operation on the
Appratus: chuck key, steel rule, vernier (alliper, single point, cutting tool,
chuck with
5ize of JoB: 1) Bosic Diamension: \$25 × 70 mm 2) Actual Diamension: \$23 × 65 mm
Lathe operation in Turning 21 facing 31 step Juening 41 Taper Juening 5) Threading Showling 11 champeur 19 Showling 12 champeur 19
PROCEDURE: - I 1st the basic size of job held in chuck or lathe Machine.
2) Single point cutting tool Ritted in tool post by using turnller key.
3) Feed the tool against workpiece for facing & durning bacing perpendicular to axis or job.
1) For facing single point cutting tool teed perpendicular to axis of job.

5] For turning single point tool feed parallel to the anis of job. 6] Facing is done to reduce the length of job and due to tuening operation the diameter of job reduce. 7] Turning is done one job up to 45 mm from Left as right and make diameter at that Part 18 mm and also turning is done on another side up to 20 mm length of job and make diameter of that part 23 mm. 8] ON the part which diameter is 18 mm in which the taper turning is done. 1) For taper turning tool post is more at an angle of 11°C up to dength 20 mm in types tuening tool is feed at an certain angle. against workpiece with the help of compound slide. 10] The drilling operation is done with help of deill bit the is hold in a tail stock with the help of socket. 11 The drilling operation is done on slide which having 23 mm diameter and He length of deill whi will inserted in job

