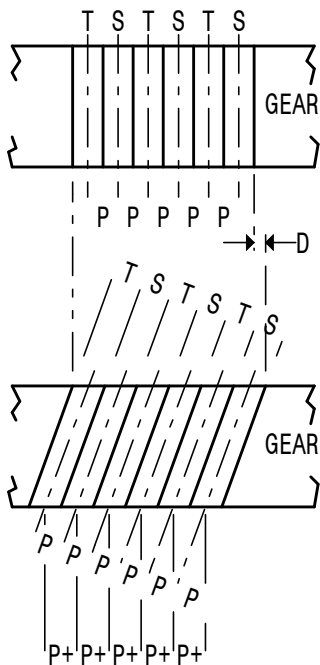


WORM/WORMWHEEL CONFIGURATIONS SK1.



THIS SKETCH SHOWS THAT FOR A GEAR HAVING ANGLED TEETH, BUT CUT WITH THE SAME CUTTER, THE PITCH ON THE GEAR IS INCREASED, THEREFORE, SIMILARLY, THE GEAR'S DIAMETER.

- T. TOOTH.
- S. SPACE, CUT WITH THE CUTTER.
- P. PITCH.
- P+. ACTUAL PITCH ON GEAR WITH ANGLED TEETH.
- D. THE DIFFERENCE OVER THREE PITCHES.

T, S AND P ARE EQUAL FOR BOTH GEARS

EFFECT ON THE PITCH FOR A GEAR HAVING ANGLED TEETH SK2.