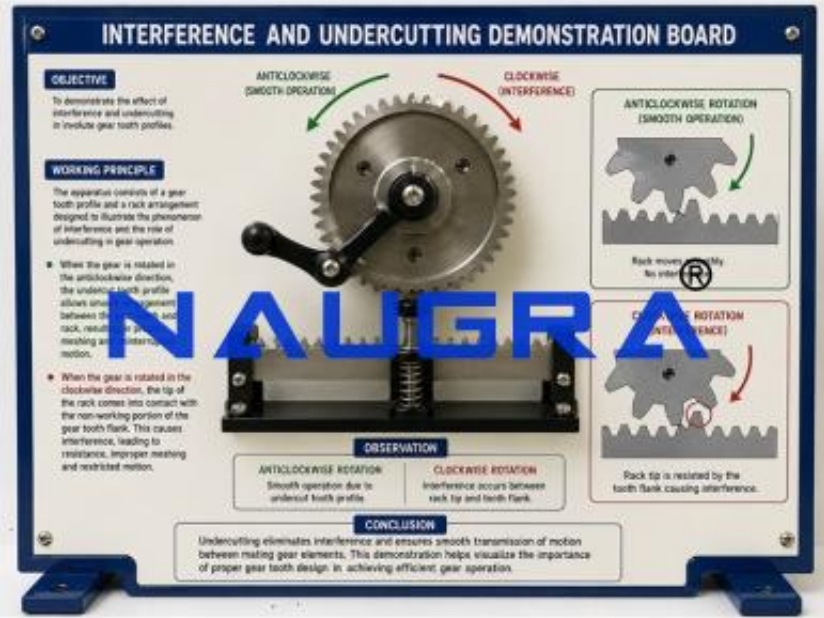


Product Name : Interference & Undercutting	Product Code : Technical0020
 The image shows a mechanical demonstration board titled "INTERFERENCE AND UNDERCUTTING DEMONSTRATION BOARD". It features a central gear mechanism with a rack and pinion. The board includes several informational sections: - OBJECTIVE: To demonstrate the effect of interference and undercutting in involute gear tooth profiles. - WORKING PRINCIPLE: Explains that the apparatus consists of a gear tooth profile and a rack arrangement. It describes two scenarios: 1) Anticlockwise rotation (smooth operation) where the rack moves smoothly. 2) Clockwise rotation (interference) where the rack tip is resisted by the tooth flank, causing interference. - OBSERVATION: Notes that anticlockwise rotation results in smooth operation due to undercut tooth profile, while clockwise rotation causes interference between the rack tip and tooth flank. - CONCLUSION: States that undercutting eliminates interference and ensures smooth transmission of motion. The board also has a large "NAUGRA" watermark across the center.	
Description : Interference & Undercutting	

Naugra Export

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