



D1: _____
 D2: _____ TOL: _____
 D3: _____ TOL: _____
 L1: _____
 L2: _____ TOL: _____
 L3: _____ TOL: _____
 L4 (CHAMFER LENGTH): _____
 A1 (CHAMFER ANGLE): _____
 A2 (STEP ANGLE): _____

NO. OF FLUTES: _____
 SPIRAL: R/H L/H STR
 CUT: R/H L/H
 HELIX ANGLE: _____
 END CUT STYLE: _____

COATING: _____
 MAT'L BEING CUT: _____



DIMENSIONS NOT SHOWN TO BE RANI TOOL STANDARDS.
 TOLERANCES ARE BEFORE ANY COATING IS APPLIED.

Appr. By: _____	Date: _____
Title: STEP REAMER	
Customer: _____	Dwg. No.: _____

Notes: