



D1: \_\_\_\_\_  
 D2: \_\_\_\_\_ TOL: \_\_\_\_\_  
 L1: \_\_\_\_\_  
 L2: \_\_\_\_\_ TOL: \_\_\_\_\_  
 L3: \_\_\_\_\_ TOL: \_\_\_\_\_  
 ANGLE A: \_\_\_\_\_

SPIRAL:  R/H  L/H  STR  
 CUT:  R/H  L/H  
 HELIX ANGLE: \_\_\_\_\_  
 NO. OF FLUTES: \_\_\_\_\_

COATING: \_\_\_\_\_

MAT'L BEING CUT: \_\_\_\_\_



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

Appr. By:

Date:

Title:

**END MILL ROUGHER**

Customer:

Dwg. No.:

Notes: