



Innovative Tool Sales

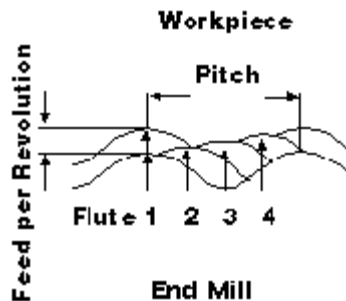
755 E. Debra Lane, Anaheim, CA 92805
(714) 780-0730 • (714) 780-0735 Fax

Technical Support Page

ROUGHING END MILLS – (ROUND PROFILE)

Full radius form of chipbreaker cut chips (wavy) into small pieces:

- reduces machine torques.



Wavy geometry allows easy infiltration of cutting fluids:

- Effective lubrication cooling.



Large stock removal.... Deep and wide cuts:

- one pass only

Avoids chatter on heavy cuts:

- reduces friction between workpiece and teeth of mill.

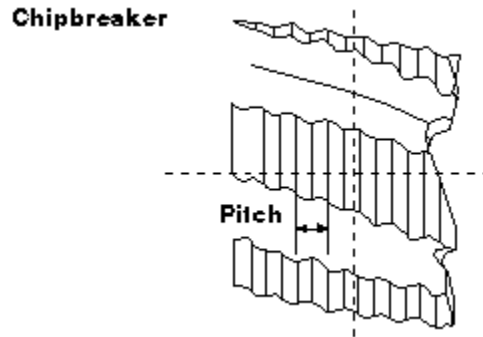
Side pressure and deflection greatly reduced:

- cutting pressure is transmitted axially through tool into spindle.

ROUGHING END MILLS – (ROUND PROFILE)

Difficult materials:

- more easily machined.

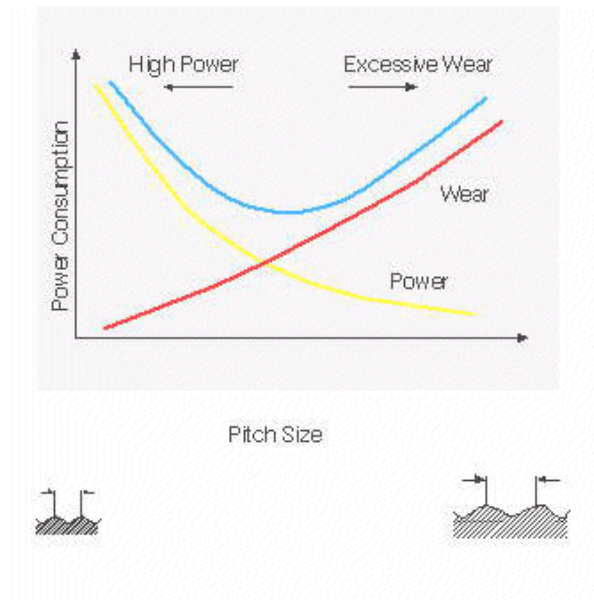


Coarser pitch:

- low power consumption
- shorter tool life
- recommended for easy to cut materials where higher removal rates are required.

Fine pitch:

- higher power consumption
- longer tool life
- recommended for difficult to cut materials.



Roughing surface finish... obtained due to the geometry of the chipbreaker.