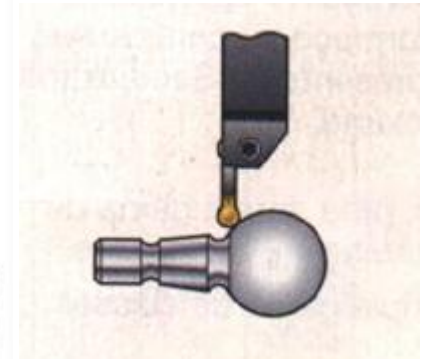
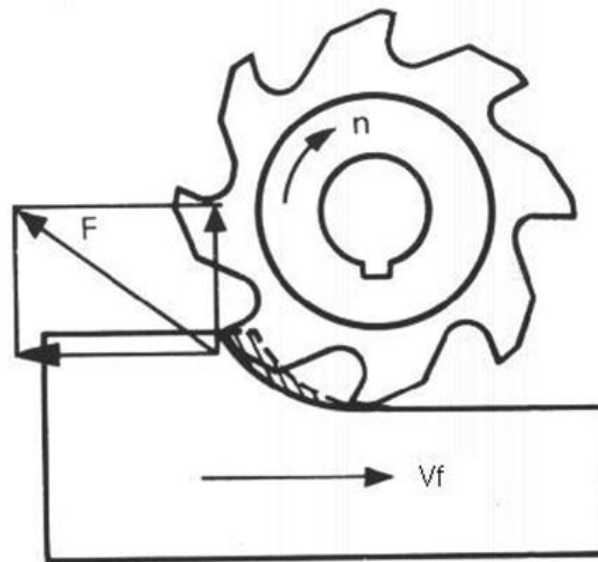
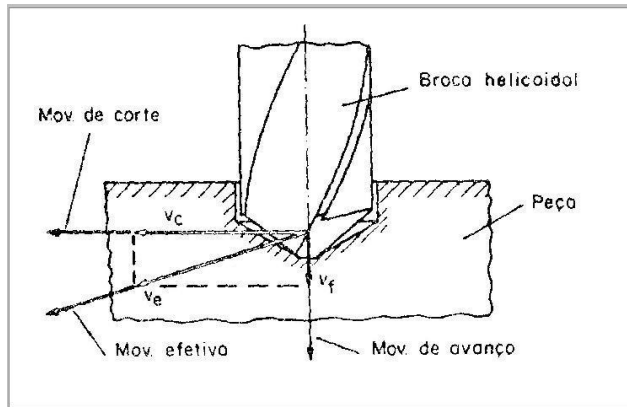
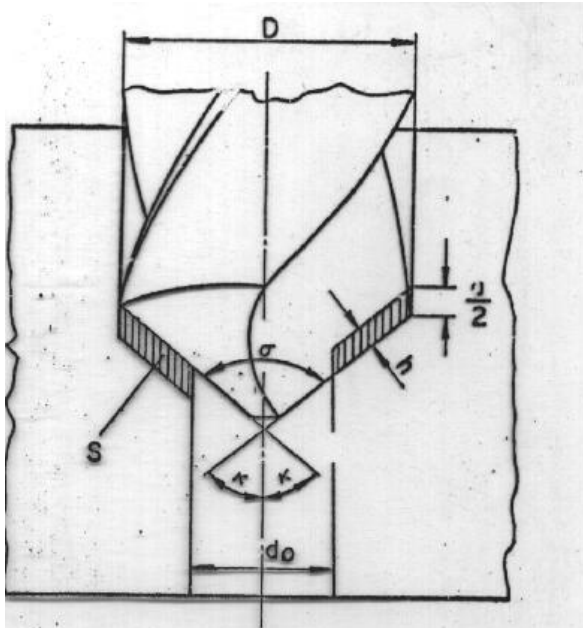


Aula Nº 2

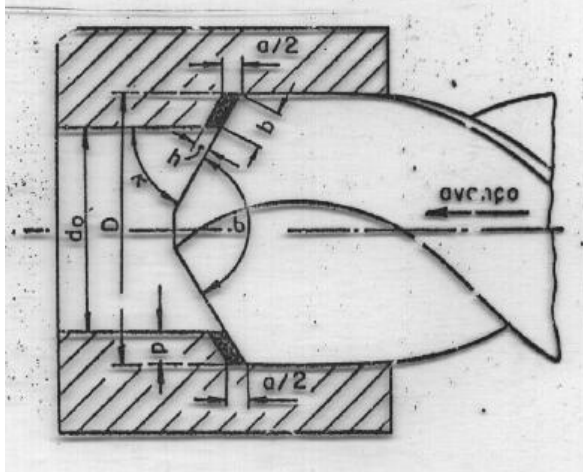
geometria e cinemática dos processos de furação; fresamento e torneamento



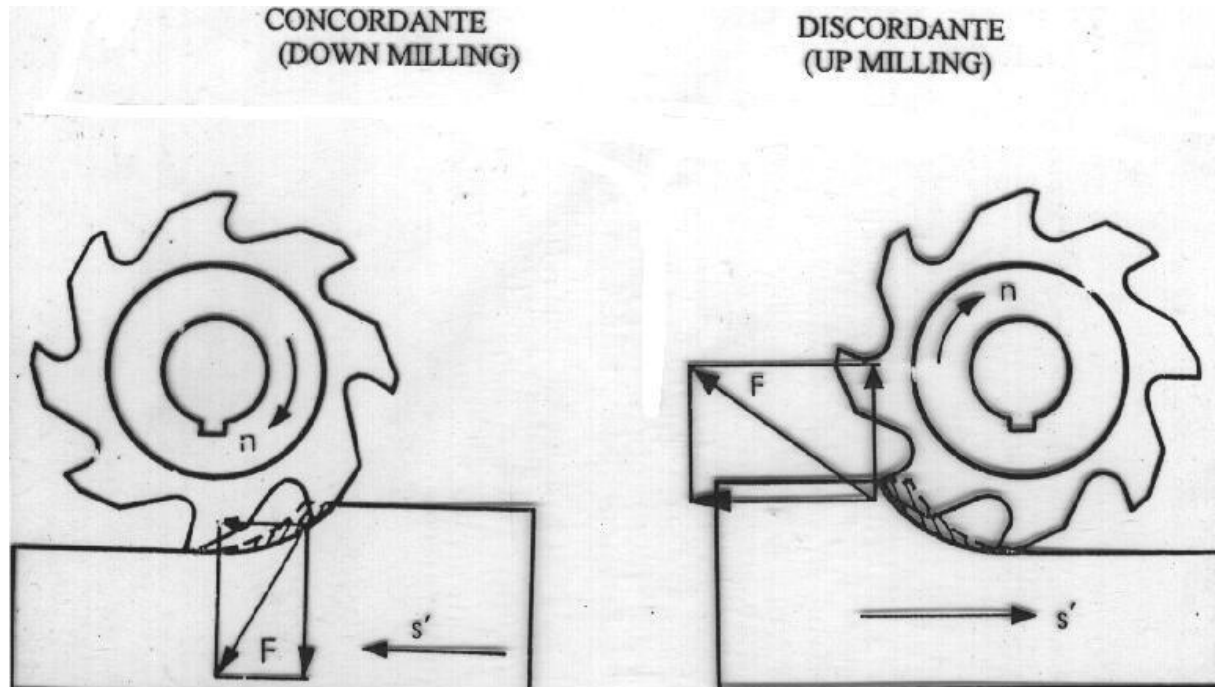
furação



FURAÇÃO COM PRÉ-FURO
Fonte: D. Ferraresi

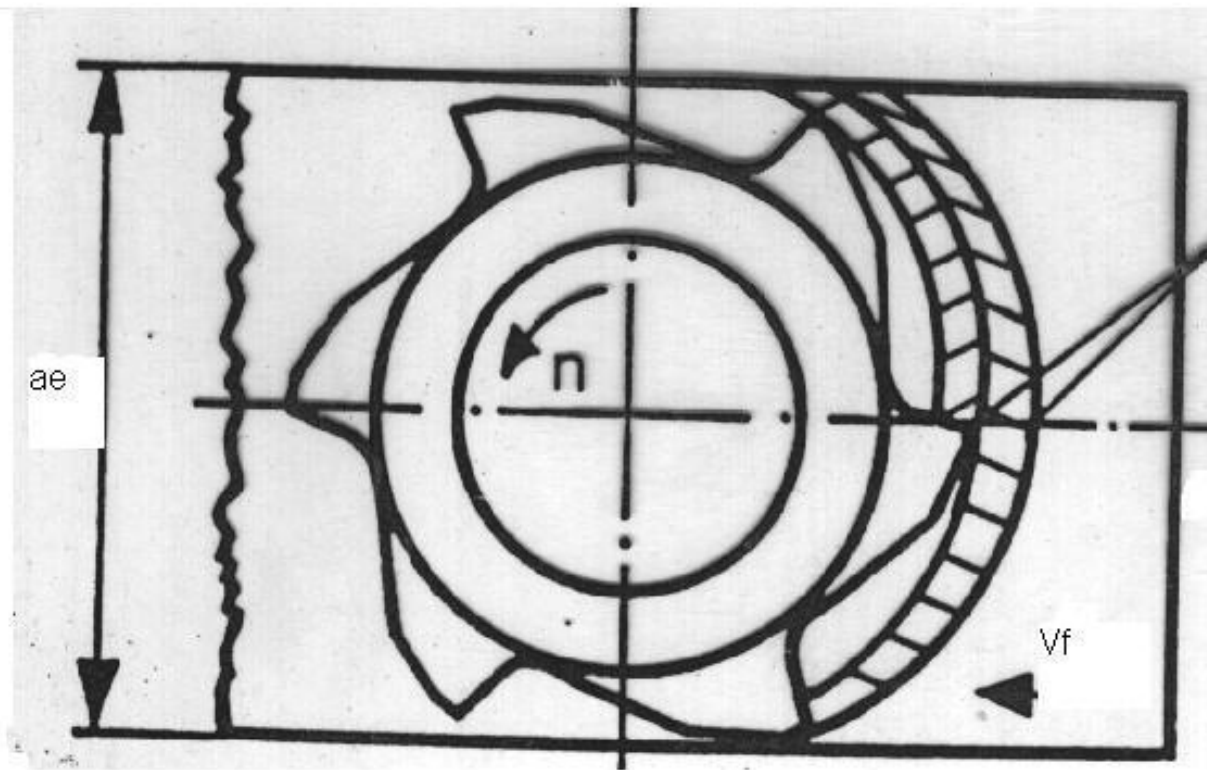


Fresamento periférico



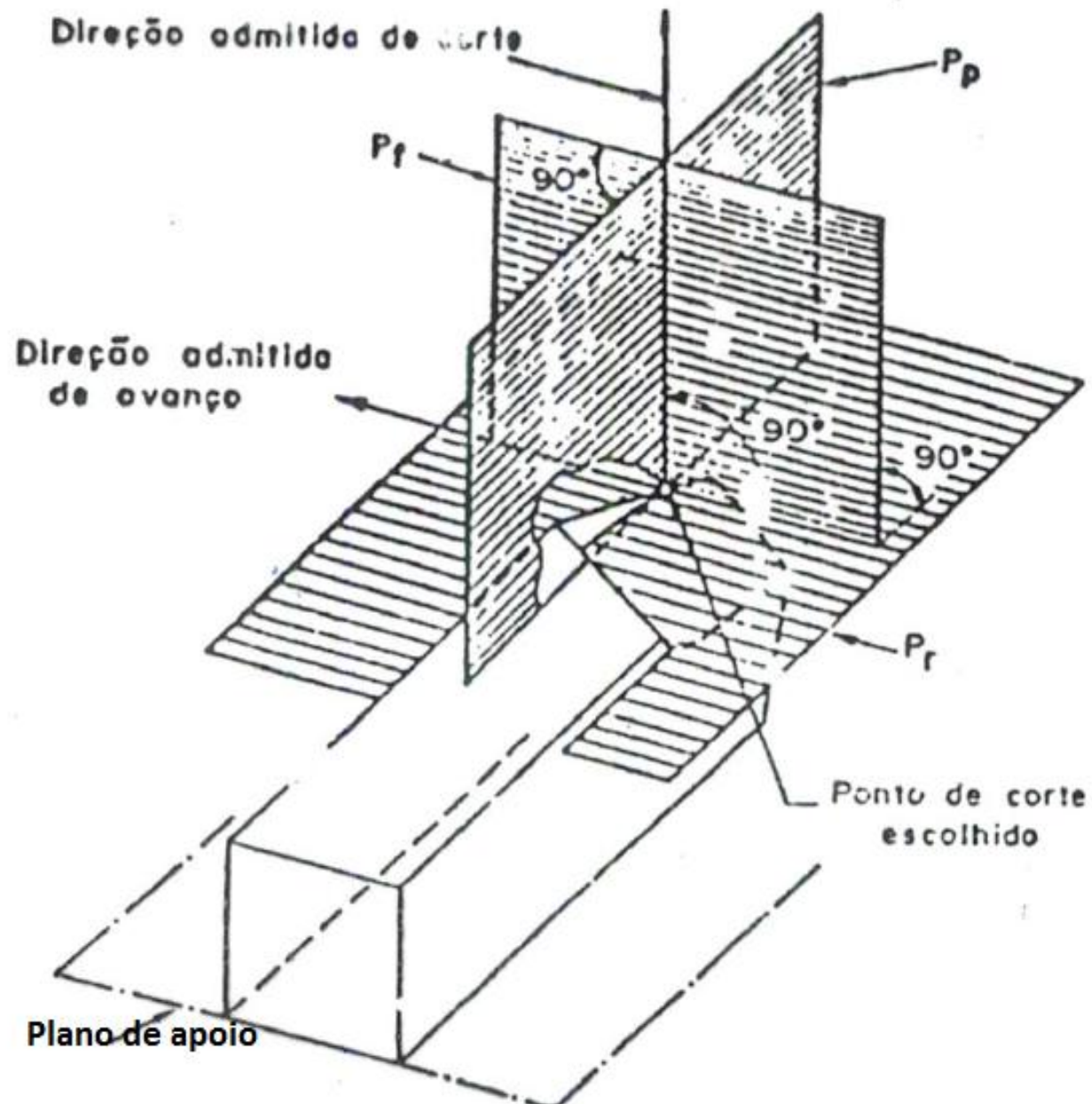
FRESAMENTO PERIFÉRICO (TANGENCIAL)
Fonte: D. Ferraresi

Fresamento frontal (faceamento)

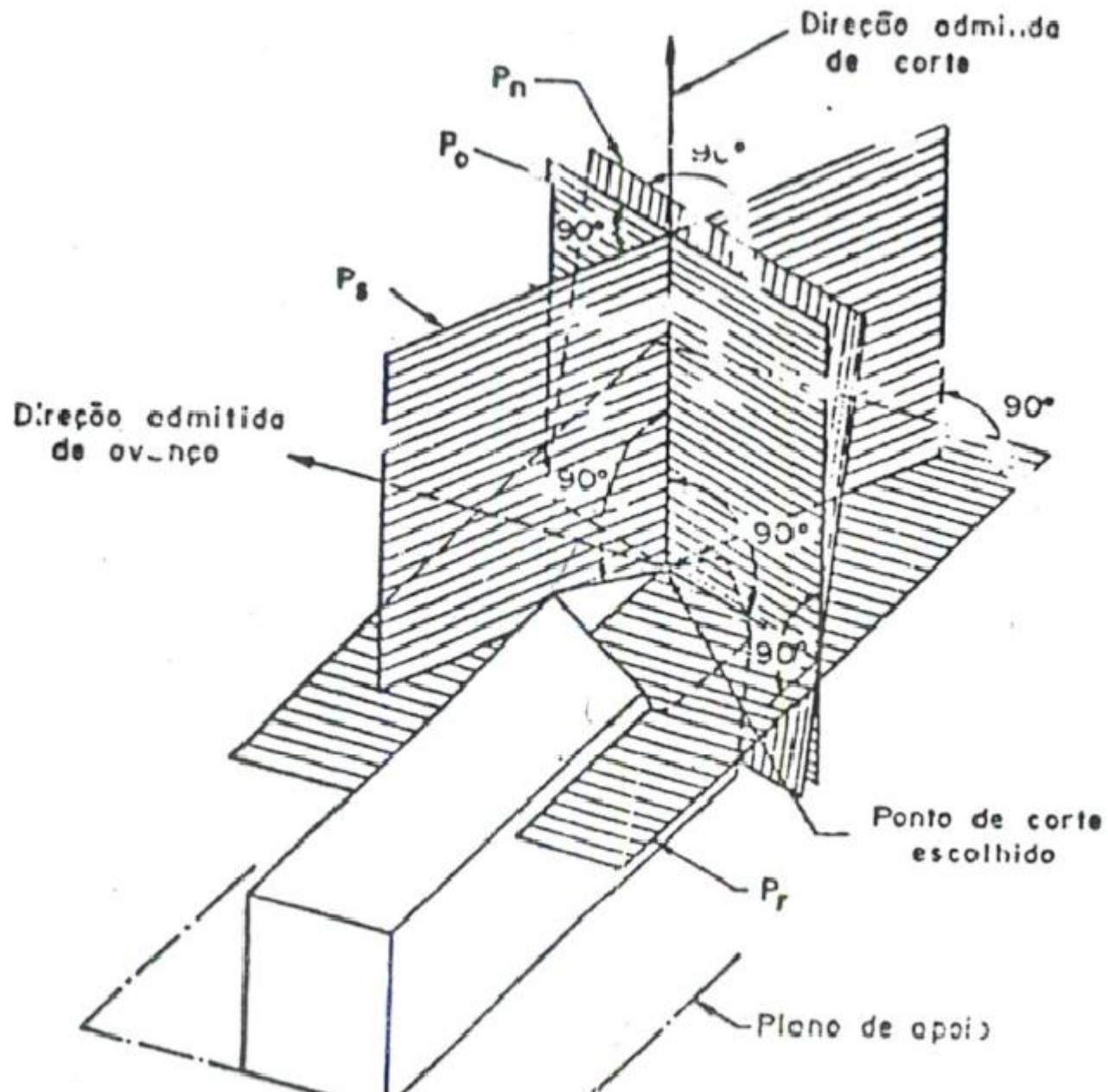


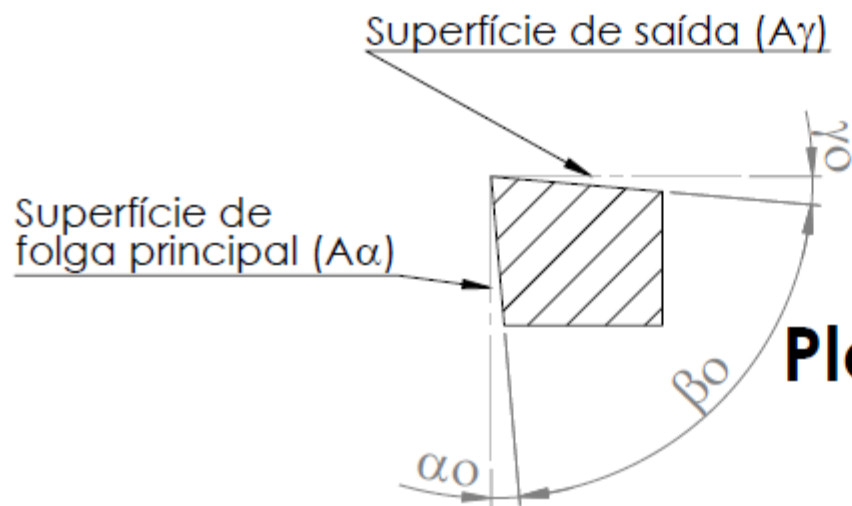
FRESAMENTO FRONTAL - VISTA SUPERIOR
Fonte: Dino Ferraresi

Geometria de ferramenta de corte – 1º triedro - conforme NBR6163

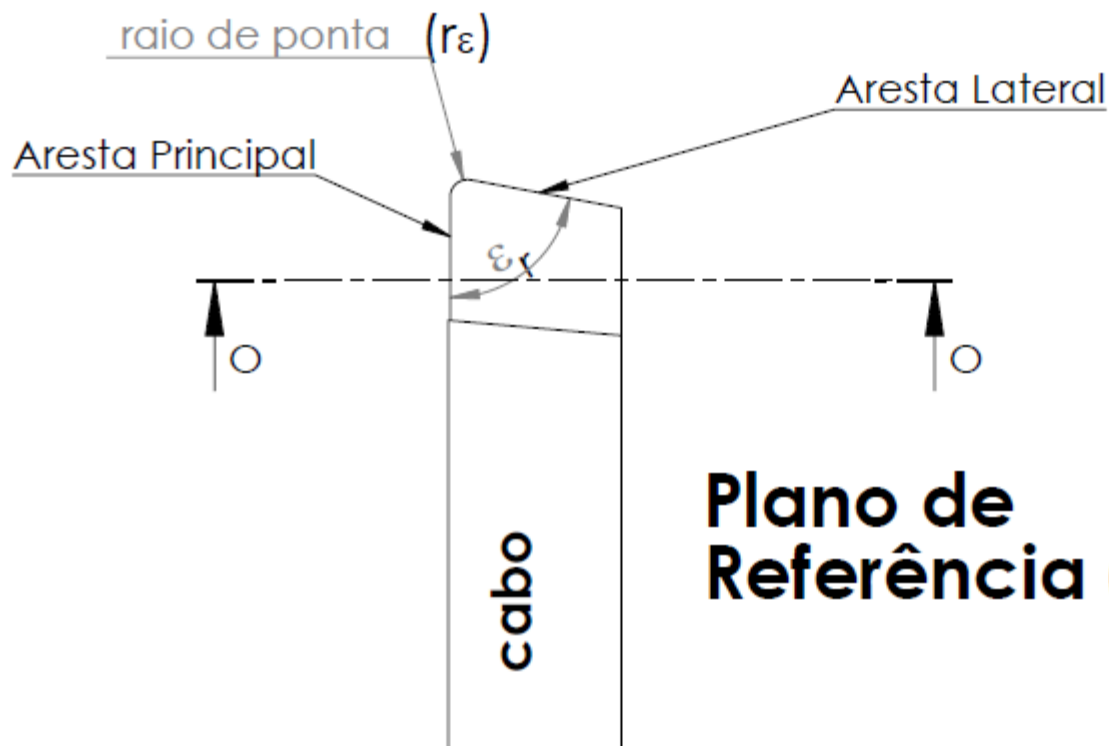


Geometria de ferramenta de corte – 2º triedro - conforme NBR6163

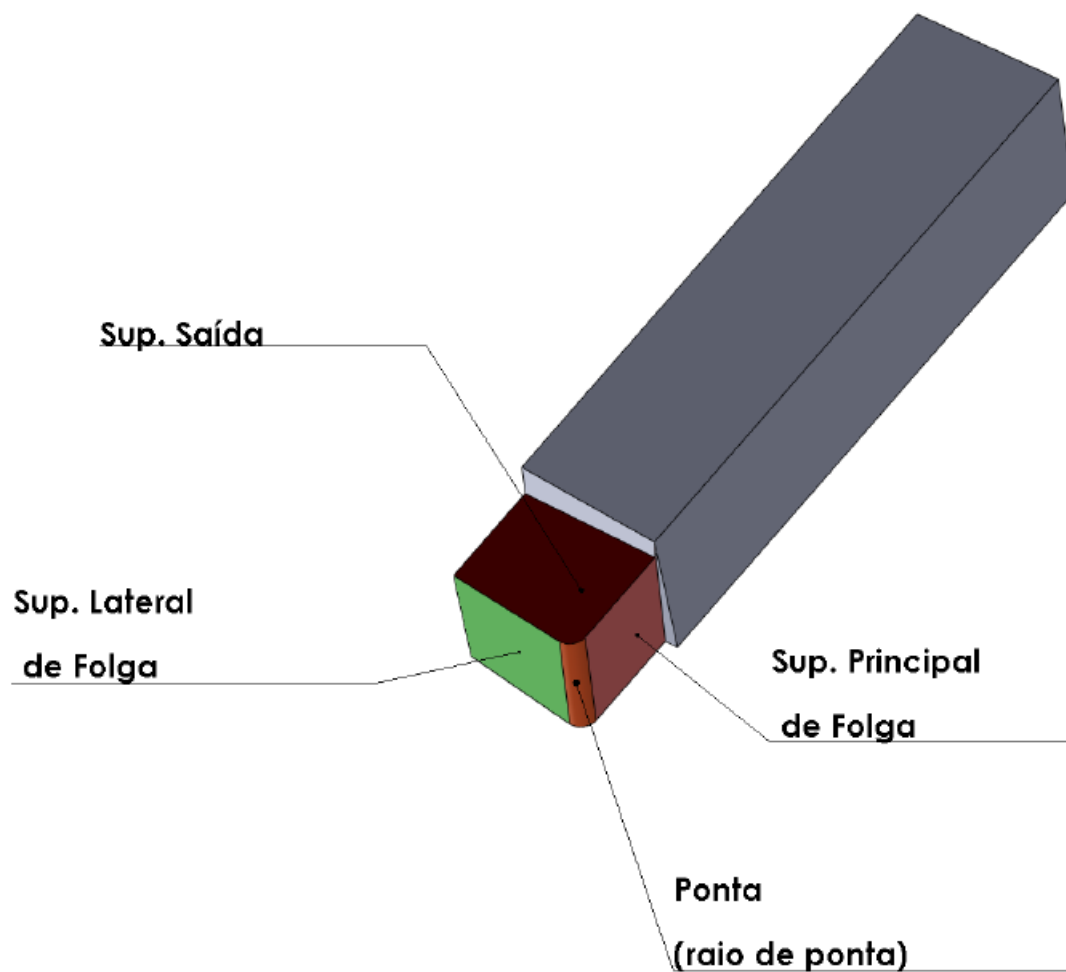




Plano Ortogonal (P_o)
[seção O-O]



Plano de Referência (P_r)



Para maiores informações sobre geometria das ferramentas de corte, consultar:

1 - **Ferramentas de corte : ferramentas simples de tornear** – E. G. Stemmer
Ed. da UFSC, 1989 – tombo UFPR {621.94 S825}

2 - **ISO 3002-1:1982 Basic quantities in cutting and grinding**

Part 1: Geometry of the active part of cutting tools

General terms, reference systems, tool and working angles, chip breakers