

```
x=[1, 25, 30;  
    2, 25, 30;  
    3, 15, 20;  
    4, 8, 15;  
    5, 8, 15;  
    6, 15, 20;  
    7, 25, 30;  
    8, 80, 100;  
    9, 80, 120];
```

```
a = input("Digite o material: ");  
broca = input("Diametro da broca: ");  
if (a >= 1 && a <= 9)  
    min = x(a, 2);  
    RPMmin = (min * 1000) / (broca * 3.14);  
  
    max = x(a, 3);  
    RPMmax = (max * 1000) / (broca * 3.14);  
    printf("RPM minimo :%.2f", RPMmin);  
    printf("RPM maxima: %.2f", RPMmax);  
else  
    printf("Invalido");  
end;
```