Processos de Fabrico I

bloco processos de ligação

Introdução às juntas soldadas

Principais tipos de soldadura:

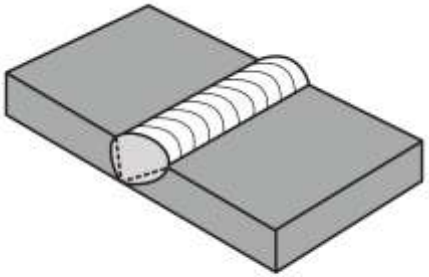


Figure 3.4: Groove weld.

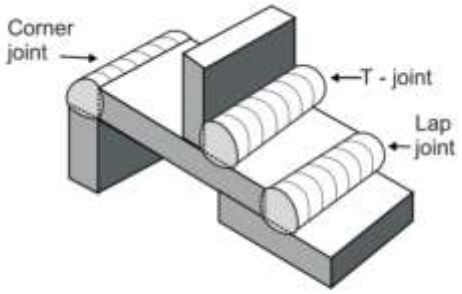


Figure 3.5: Fillet weld.

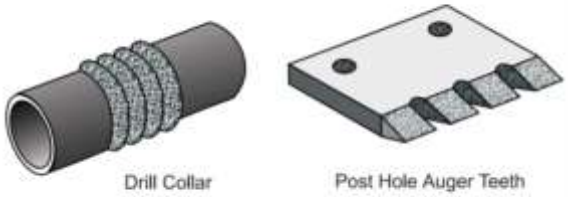


Figure 3.7: Surfacing weld.

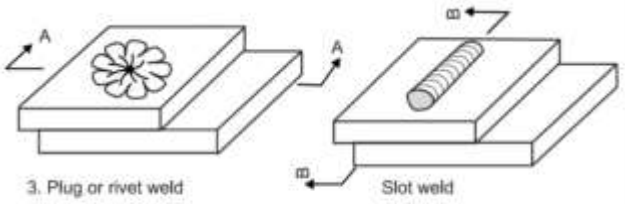


Figure 3.6: Plug weld and slot weld.

Figure 3.8: Flange welds.

Principais tipos de junta:

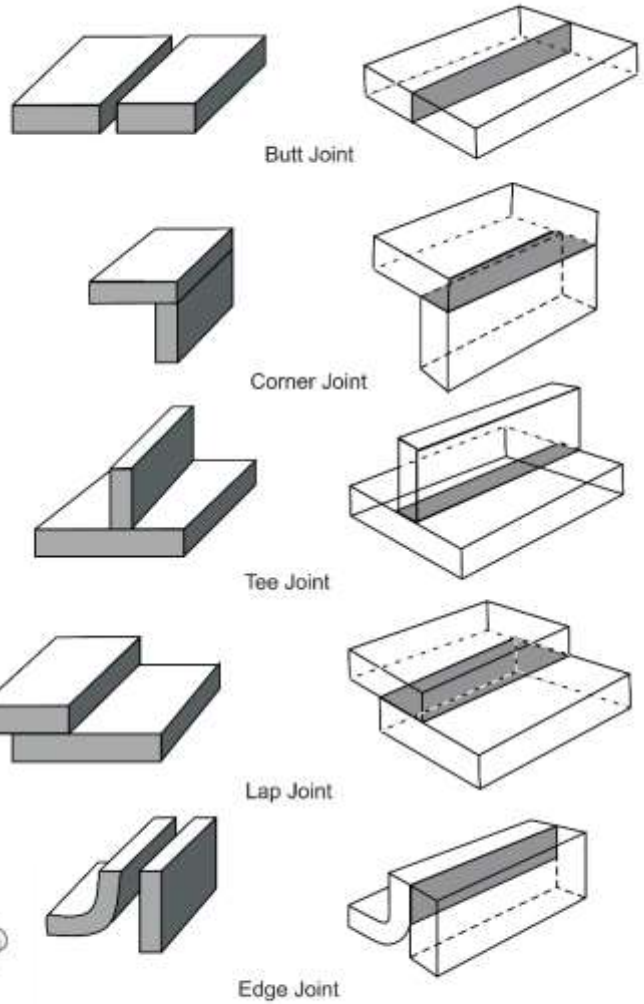
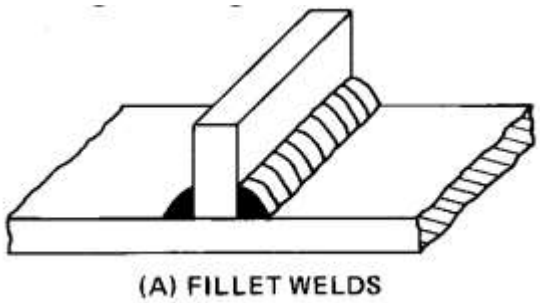


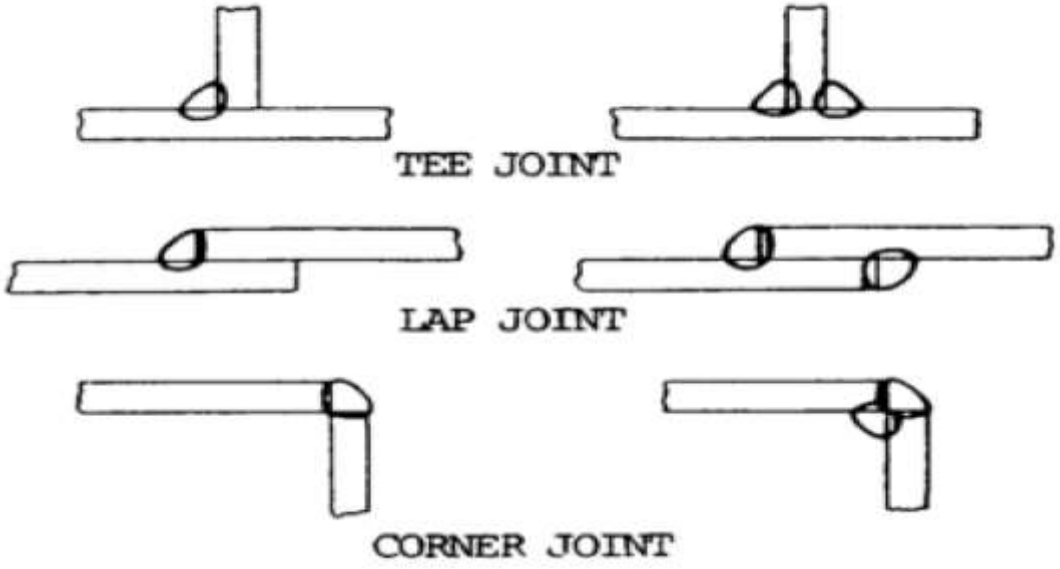
Figure 3.3: Five basic joints.

Principais tipos de soldadura:

Soldadura de canto

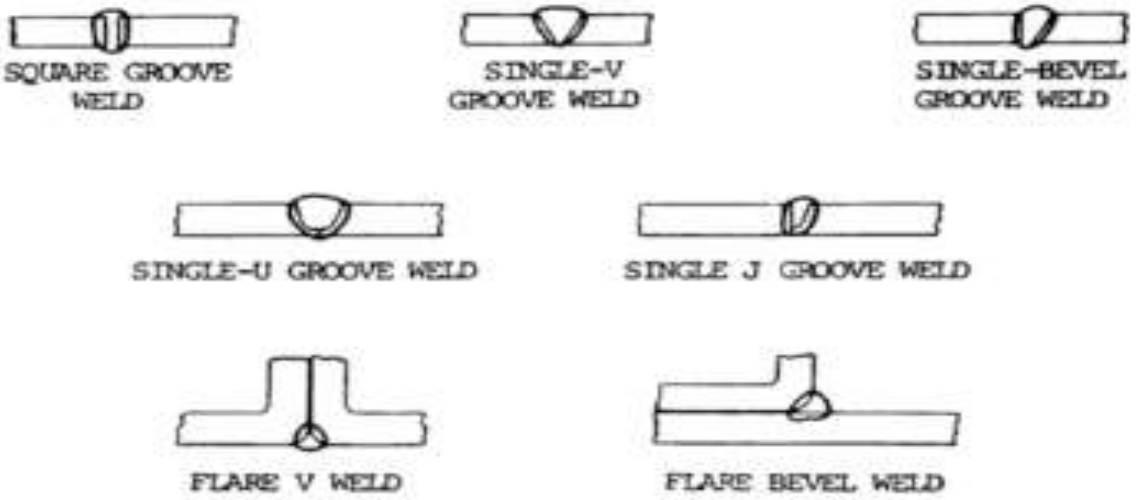


(A) FILLET WELDS



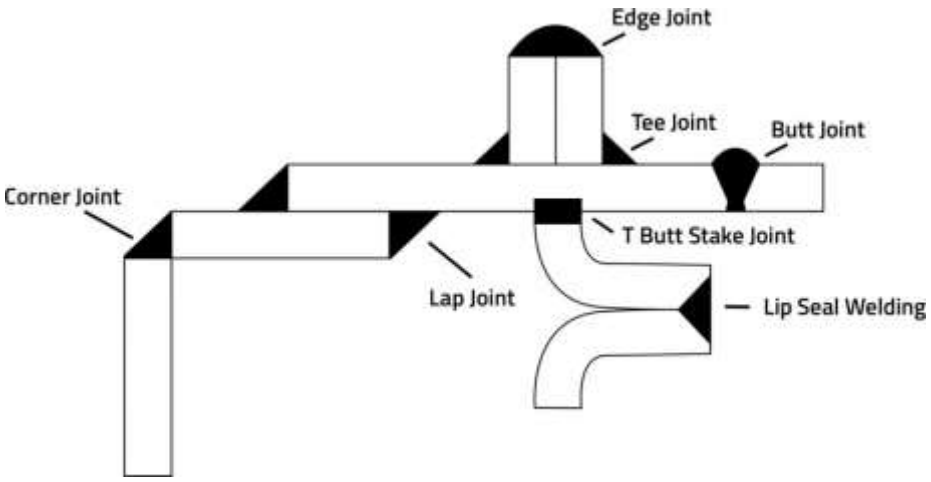
Soldadura de topo a topo

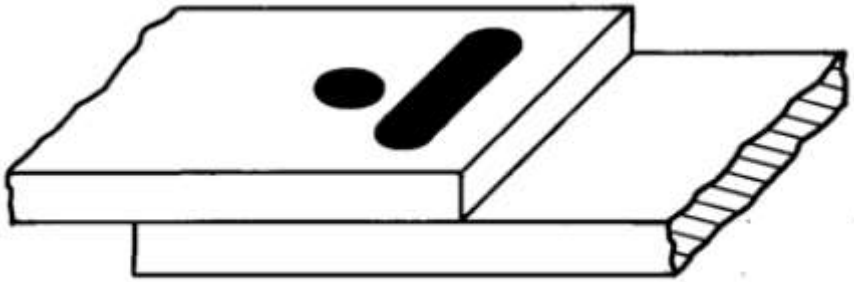
GROOVE WELDS



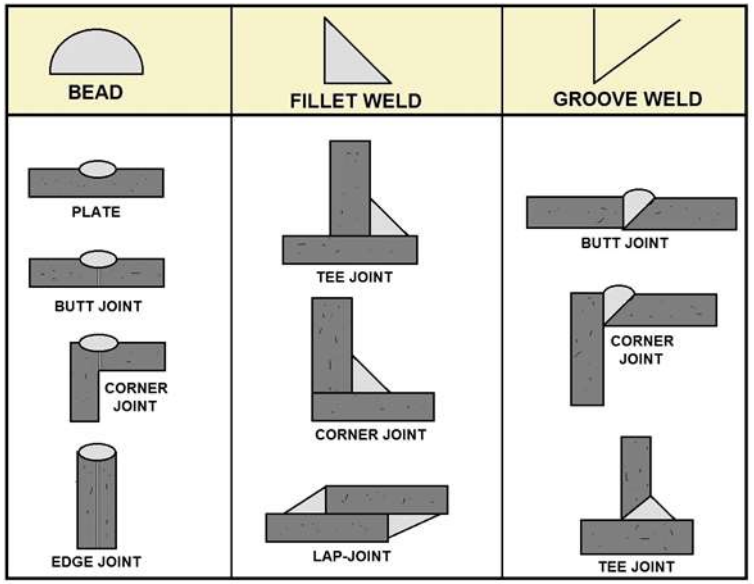
Basic groove welds

Introdução às juntas soldadas





PLUG AND SLOT WELDS



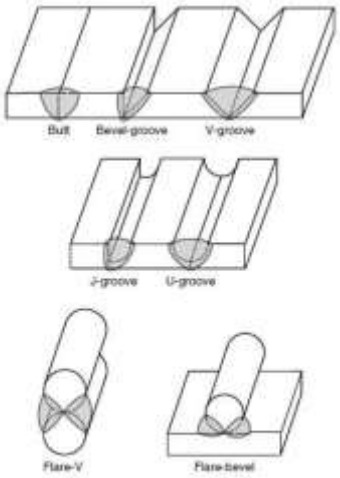


Figure 2: Types of welds that may be made with a basic butt joint

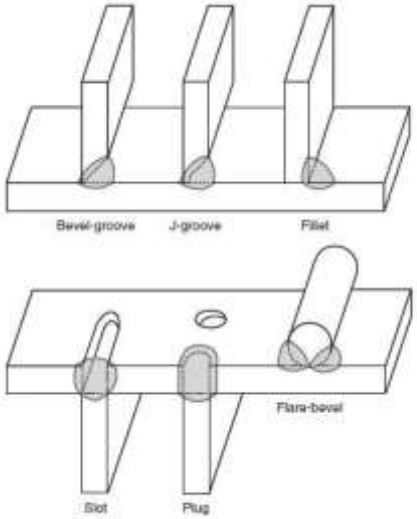


Figure 3: Types of welds that may be made with a basic T-joint.

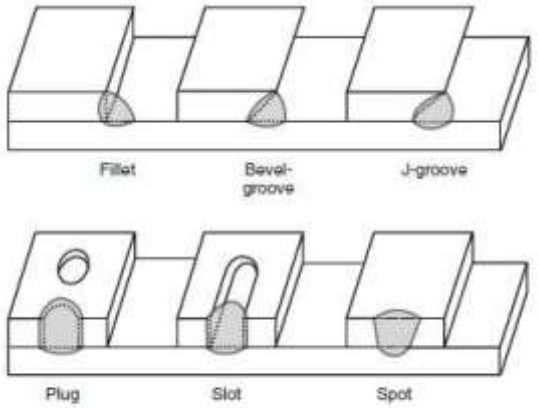


Figure 4 Types of welds that may be made with a basic lap joint.

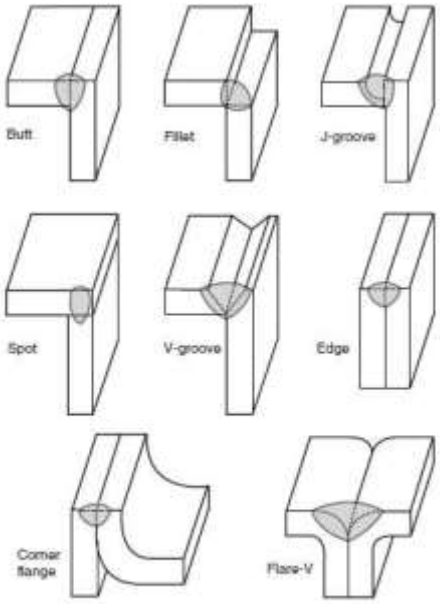


Figure 5: Types of welds that may be made with a basic corner joint.

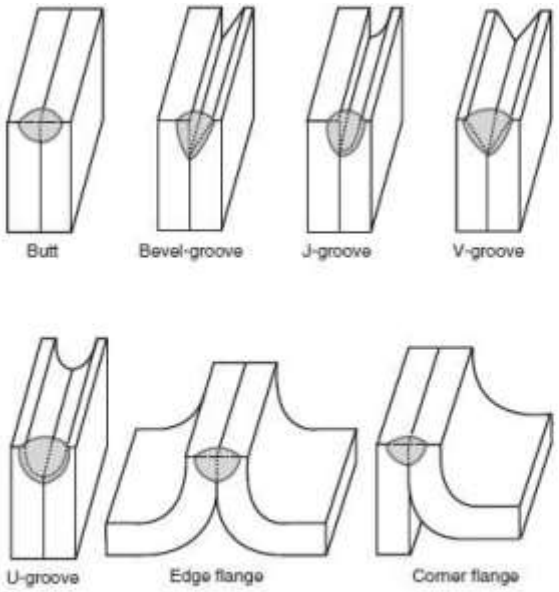


Figure 7: Types of welds that may be made with a basic edge joint.

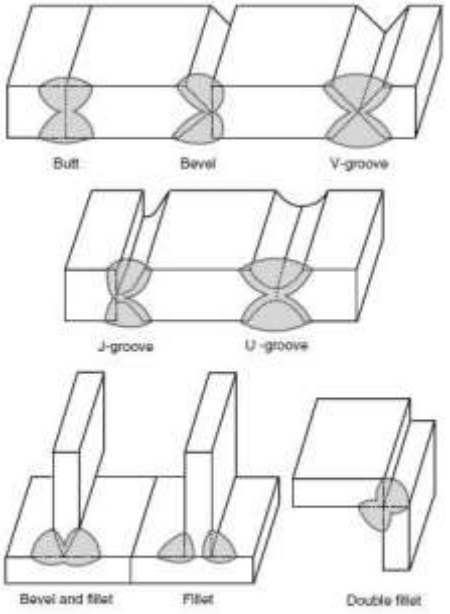
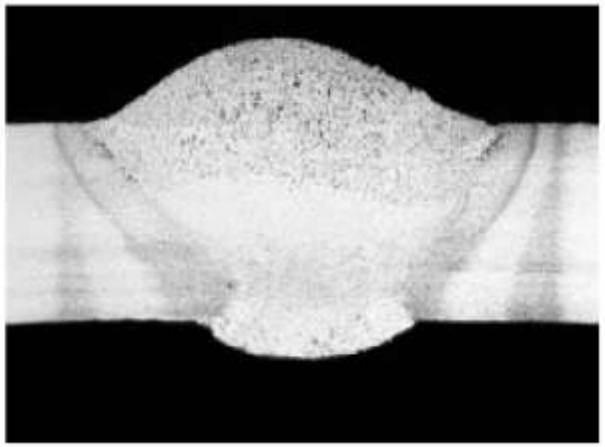
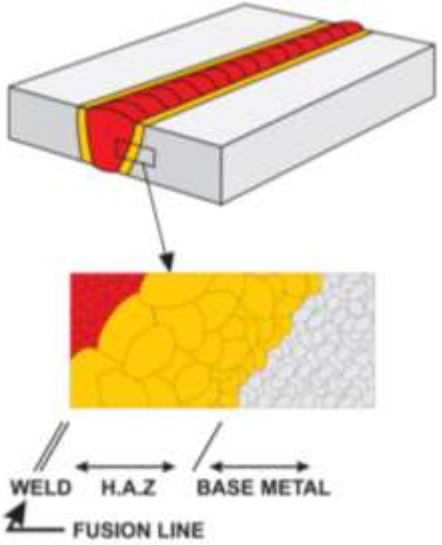
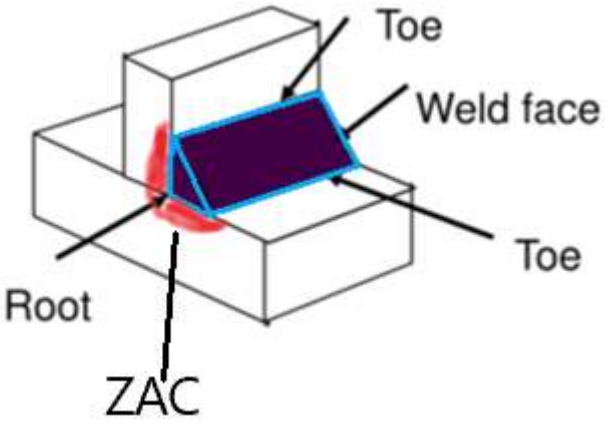


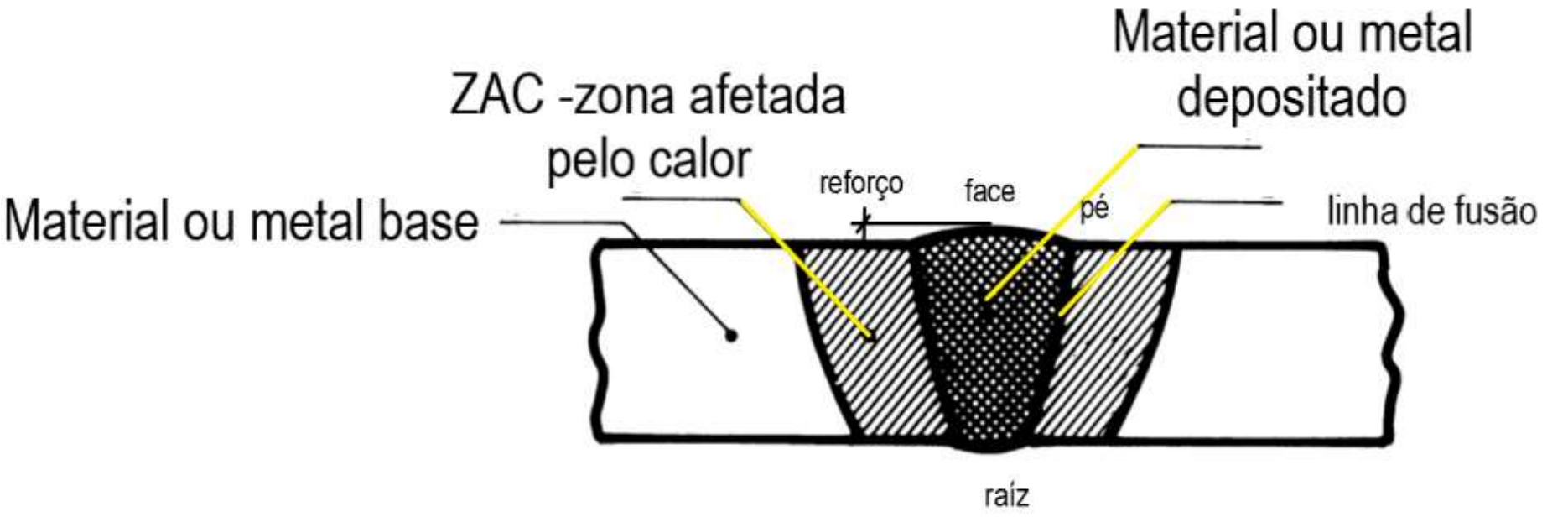
Figure 6: Applications of double welds.

Introdução às juntas soldadas

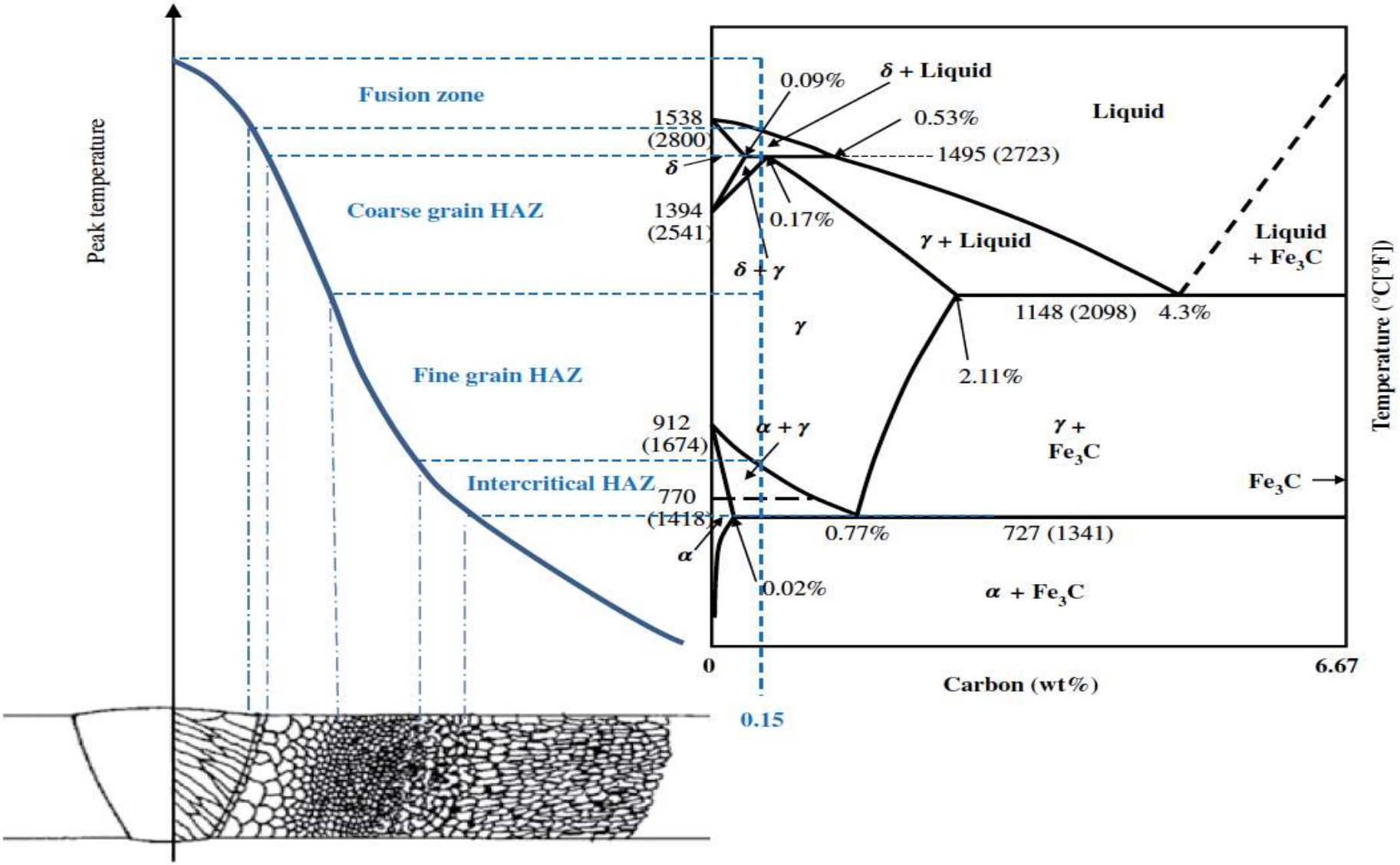






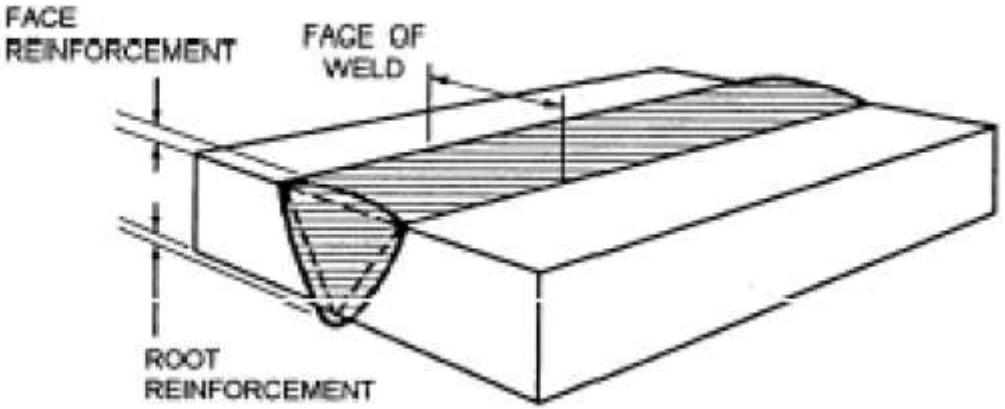


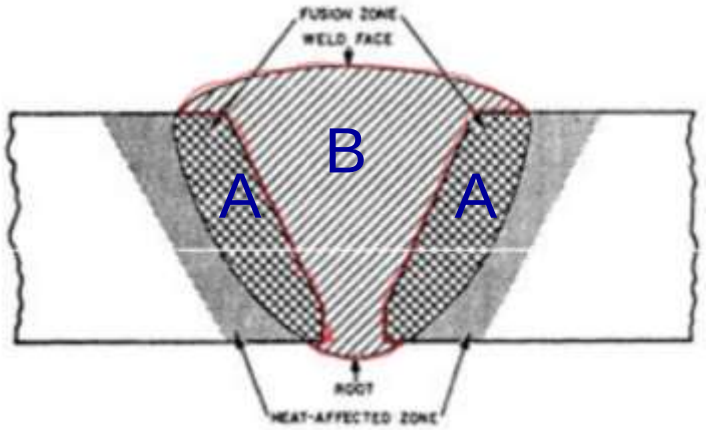
Introdução às juntas soldadas



Relationship between Fe–Fe_3C phase diagram and the microstructure in the HAZ of plain-carbon steels.

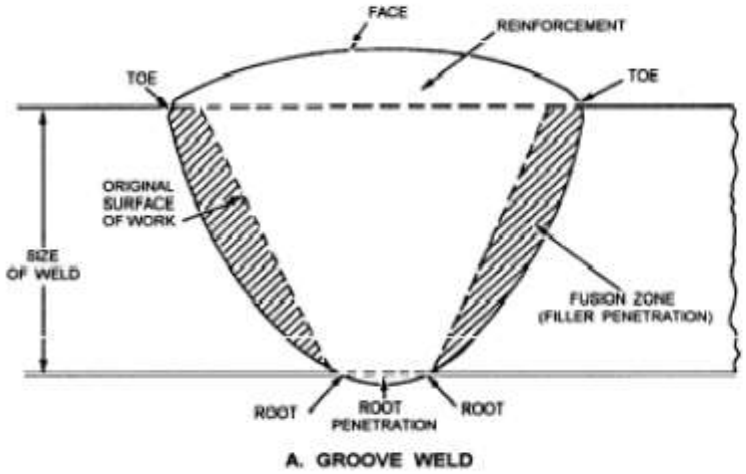
Introdução às juntas soldadas

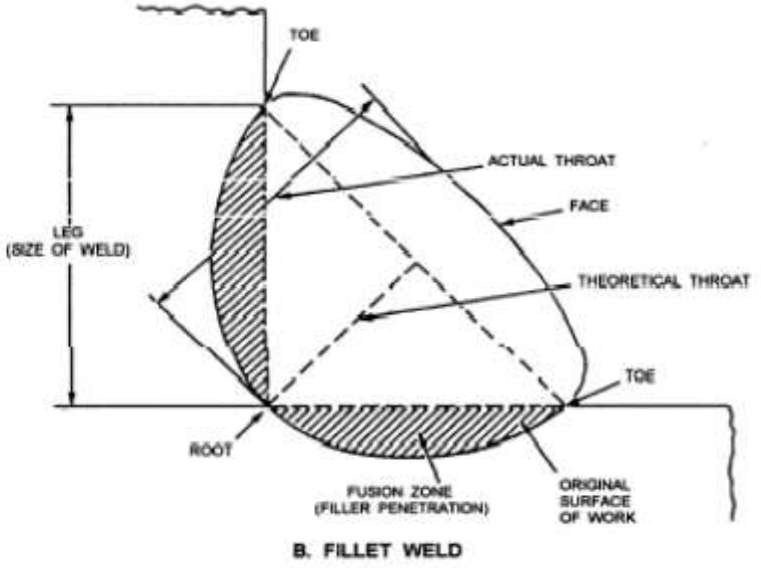




Metal base (MB): 0,15%C; 0,25%Si; 0,5%Mn
Metal adição: 0,1%C; 0,4%Si; 0,7%Mn
%D=30%
Qual a composição do metal depositado (MD)?
(desprezando as perdas)

$$\%Diluição = \frac{2xA}{2xA + B} x100$$





Introdução às juntas soldadas