

Laboratorio mineralogía física

Maclas

Maclas



Maclas

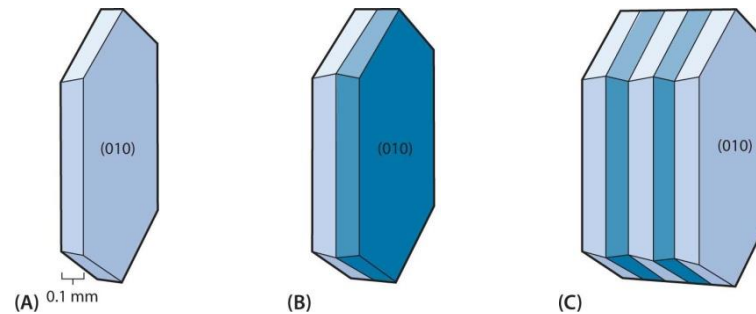
Las maclas son nombradas por su ley de macla. En ocasiones es frecuente denominarlas por un nombre que hace alusión a:

- Localidad donde se encontró por primera vez. (Ej: Macla de Karlsbad de la ortosa).
- La forma de la macla. (Ej. Macla en lanza del yeso).
- El mineral o minerales que más frecuentemente la presentan. (Ej. macla de la albita, de la espinela).

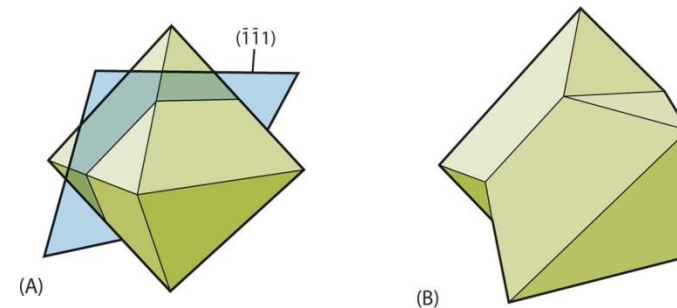
Maclas

Tipos de maclas:

- **Maclas de contacto:** Los individuos de maclas se unen por superficie plana.

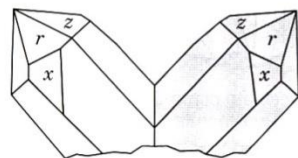


- **Maclas de penetración:** Los individuos de maclas se unen por superficie irregular y están interpenetrados.

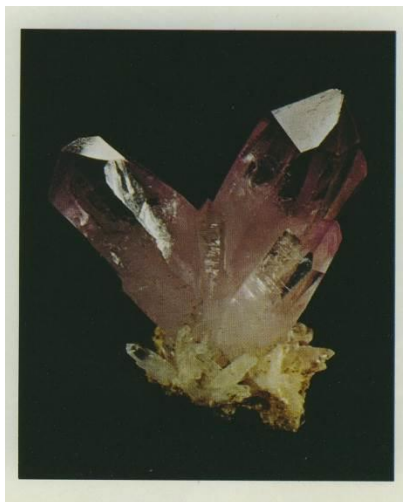


Maclas

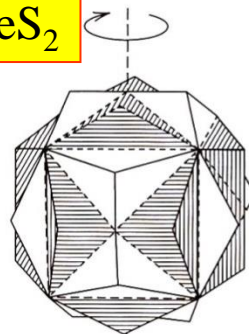
Geminato per contatto



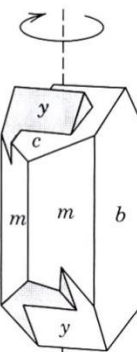
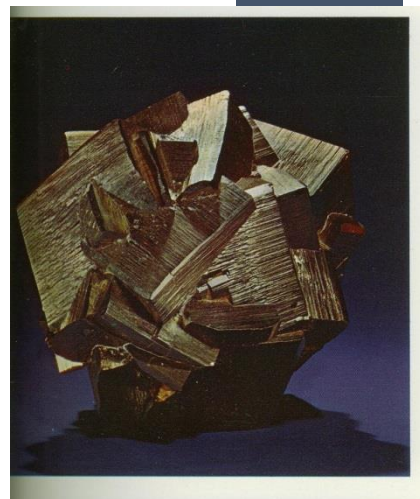
cuarzo



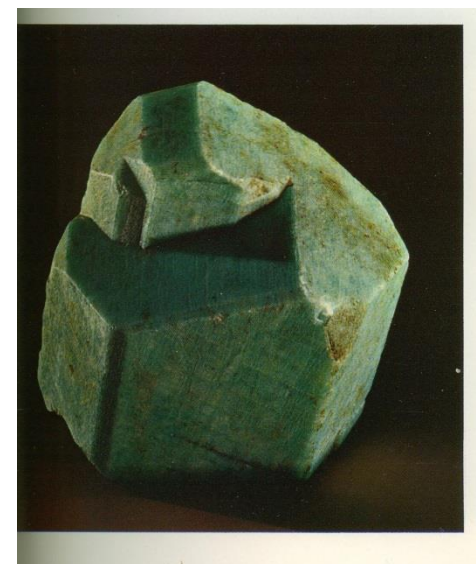
Geminati per compenetrazione



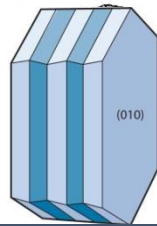
pirita



K-feldspato



Maclas

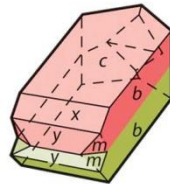


Ley del abita en plagicolasas:
plano (010)

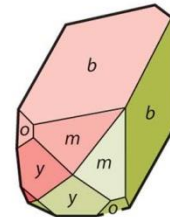


Ley de Baveno en ortoclasa: plano (021)

Orthoclase
Monoclinic: $2/m$



(D) Manebach twin on {001}



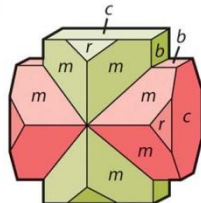
Baveno twin on {021}



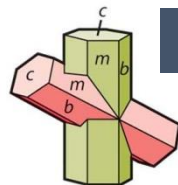
Ley de Karlsbad en sanidina:
eje [001]

Staurolite

Pseudo-orthorhombic (monoclinic with $\beta \sim 90^\circ$): $2/m$

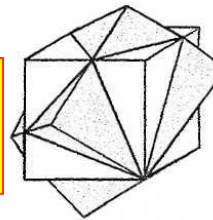
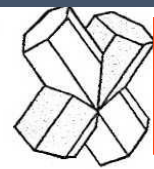
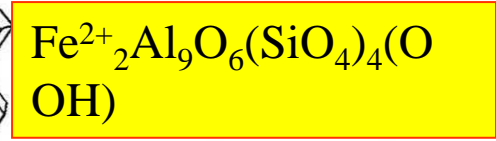


(B) Twin on {031}



Twin on {231}

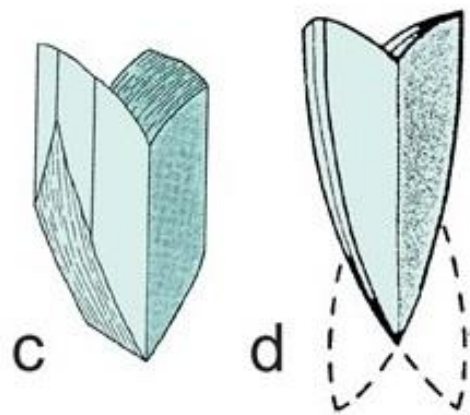
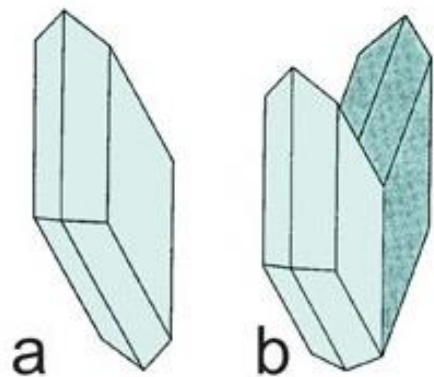
Cruce oblicua en estaurolita: plano (232)



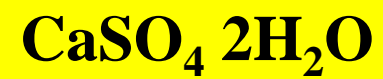
Cruce recta en estaurolita: plano (032)

Ley del espinel en fluorita: plano (111)

Maclas



Yeso



cola de golondrina



Punta de flecha

Maclas

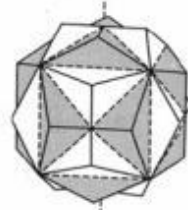
MACLAS DE CONTACTO Y DE PENETRACIÓN



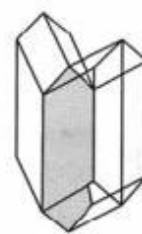
Espinela



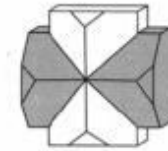
Fluorita



Pirita
(cruz de hierro)



Yeso



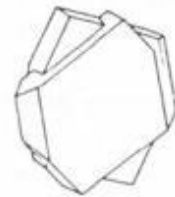
Estauroлита



Estauroлита



Ortosa
(ley de Carlsbad)



Ortosa
(ley de Carlsbad)

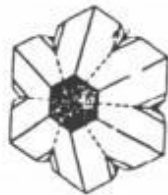


Cuarzo
(ley de Delfinado)



Cuarzo
(ley de Japón)

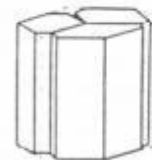
MACLAS MÚLTIPLES



Crisoberilo
(cíclica)



Rutilo

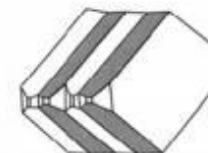


Aragonito
(cíclica)

MACLAS POLISINTÉTICAS



Calcita



Albita