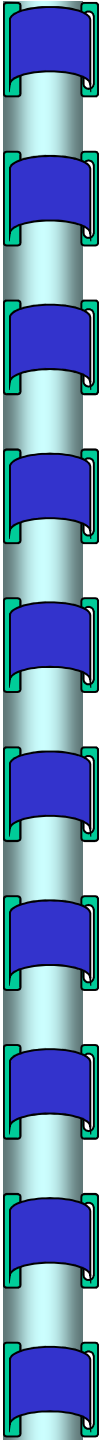


*Seri Fisika*

*Hukum ke-2 Termodinamika*

*Jurusan Pendidikan Fisika  
FPMIPA - UPI*

2008



# *Sistem pembakaran 4 langkah*

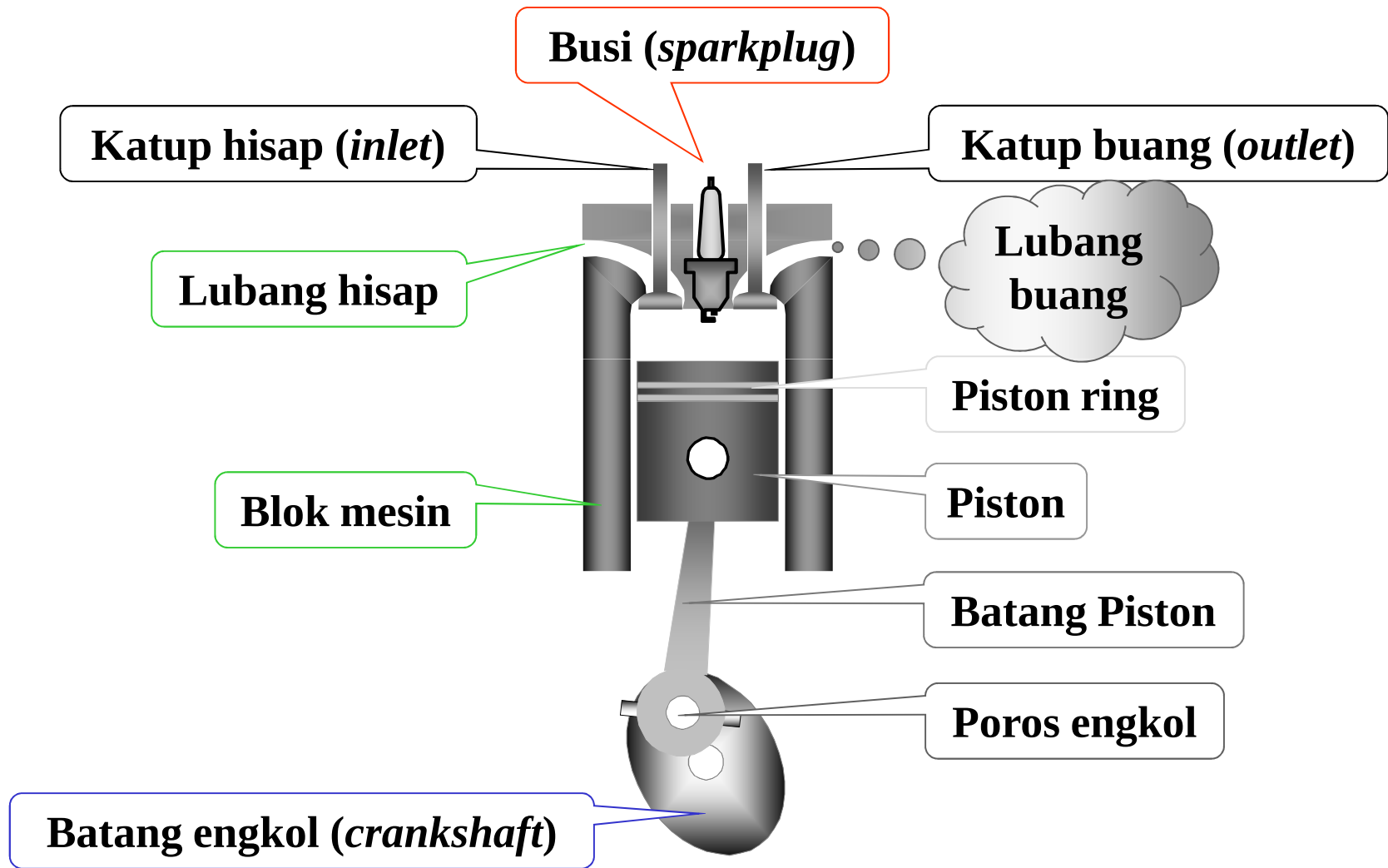
*[ Motor bensin 4 tak ]*

*Ide: Saeful Karim*

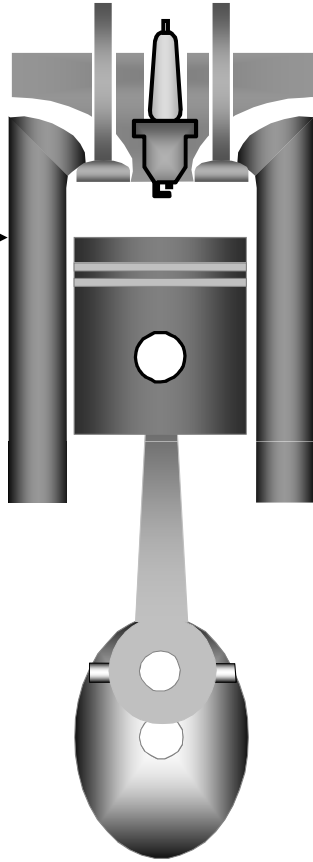
*Grafis: Purwanto Fadjar*

*Studio: Media Fisika*

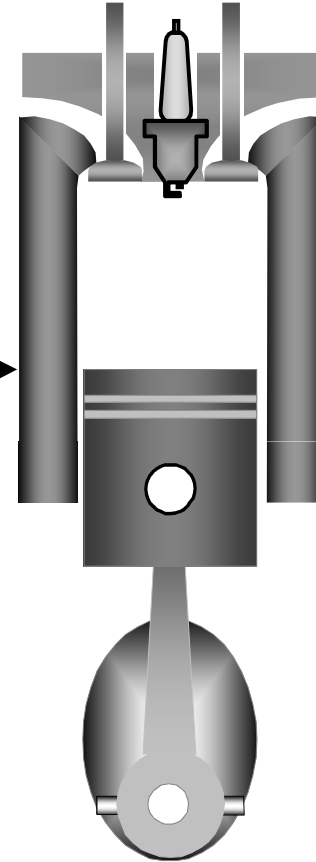
## Bagian sistem pembakaran



## *Titik kerja*

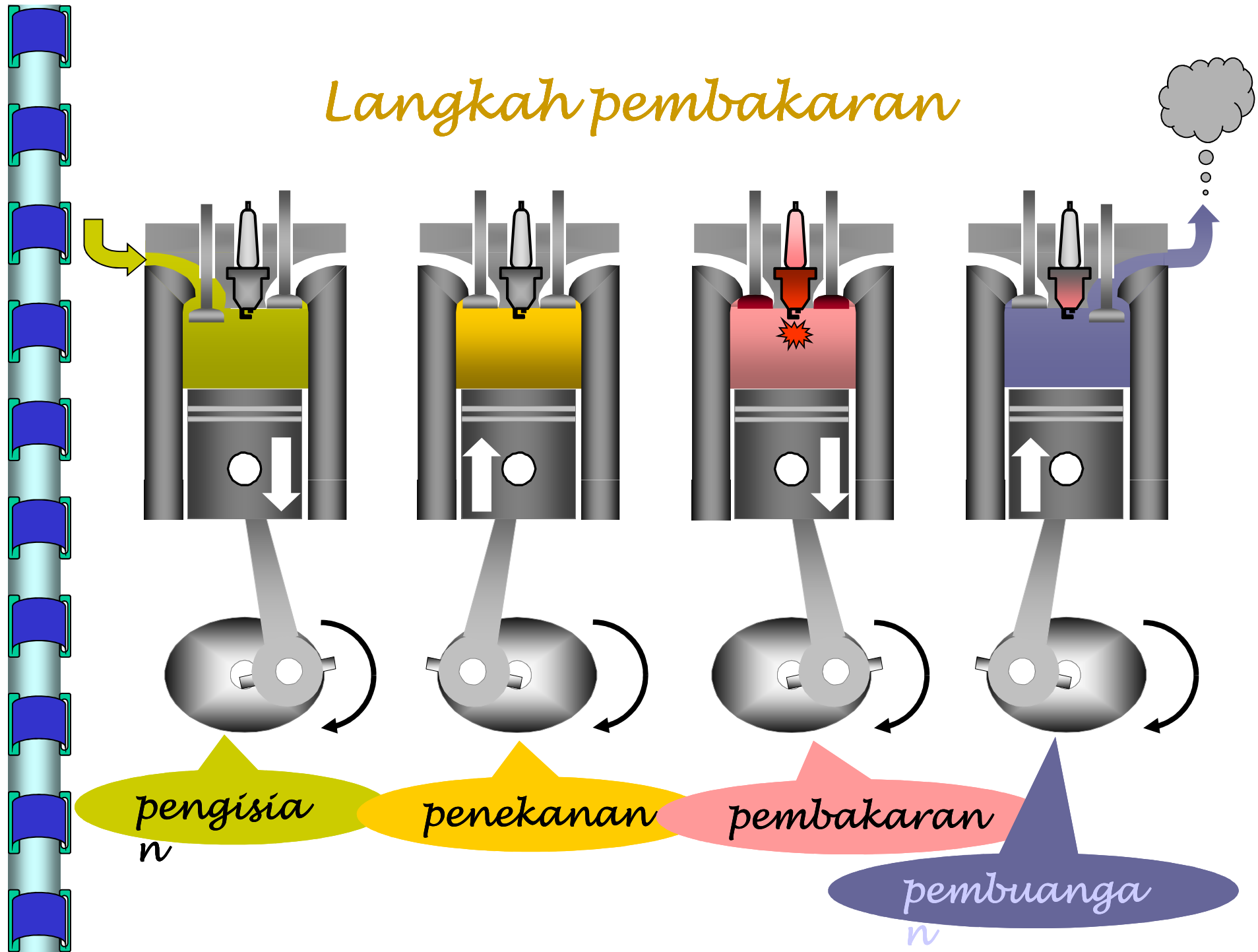


*Titik mati atas (TMA)*

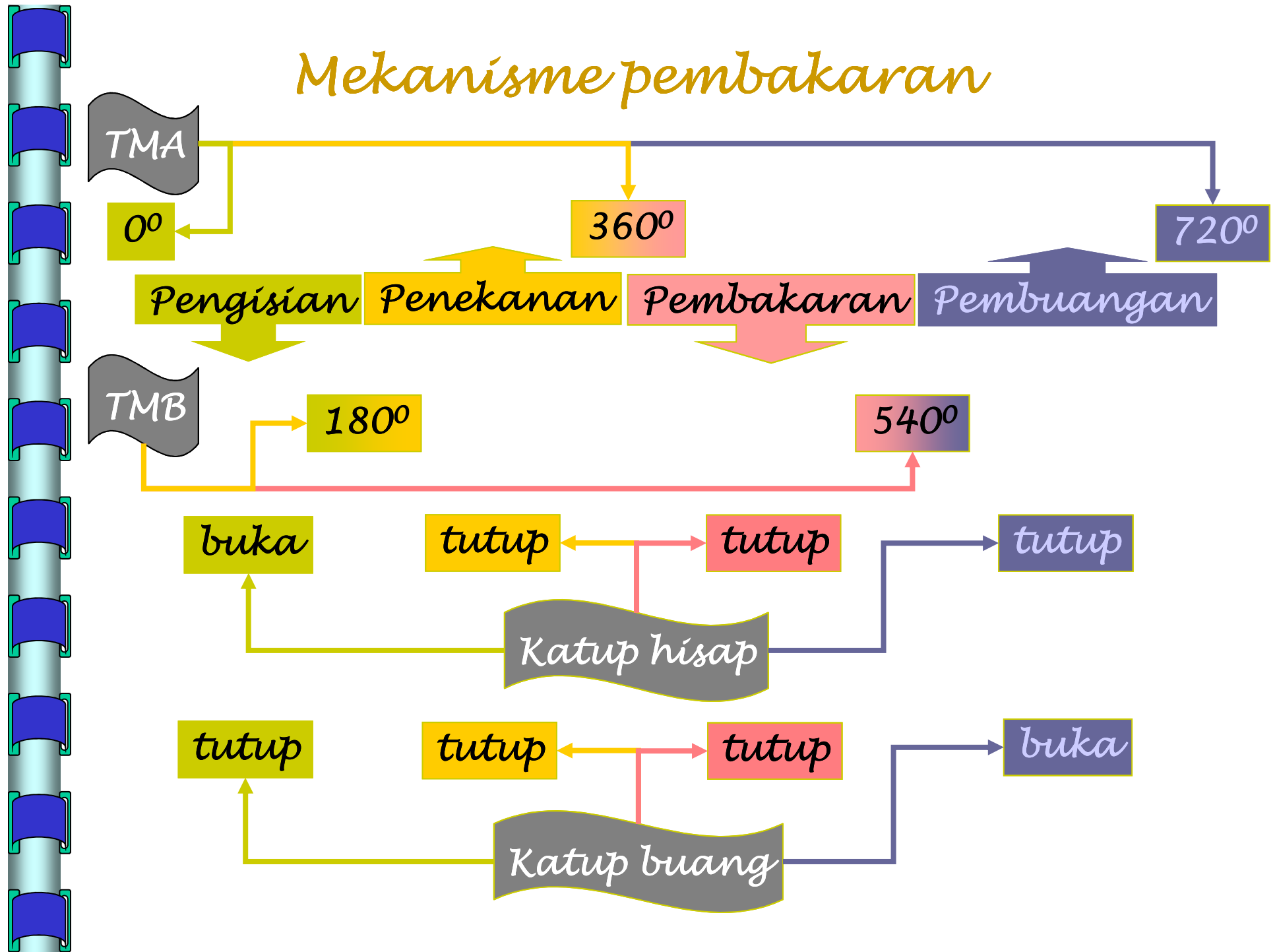


*Titik mati bawah (TMB)*

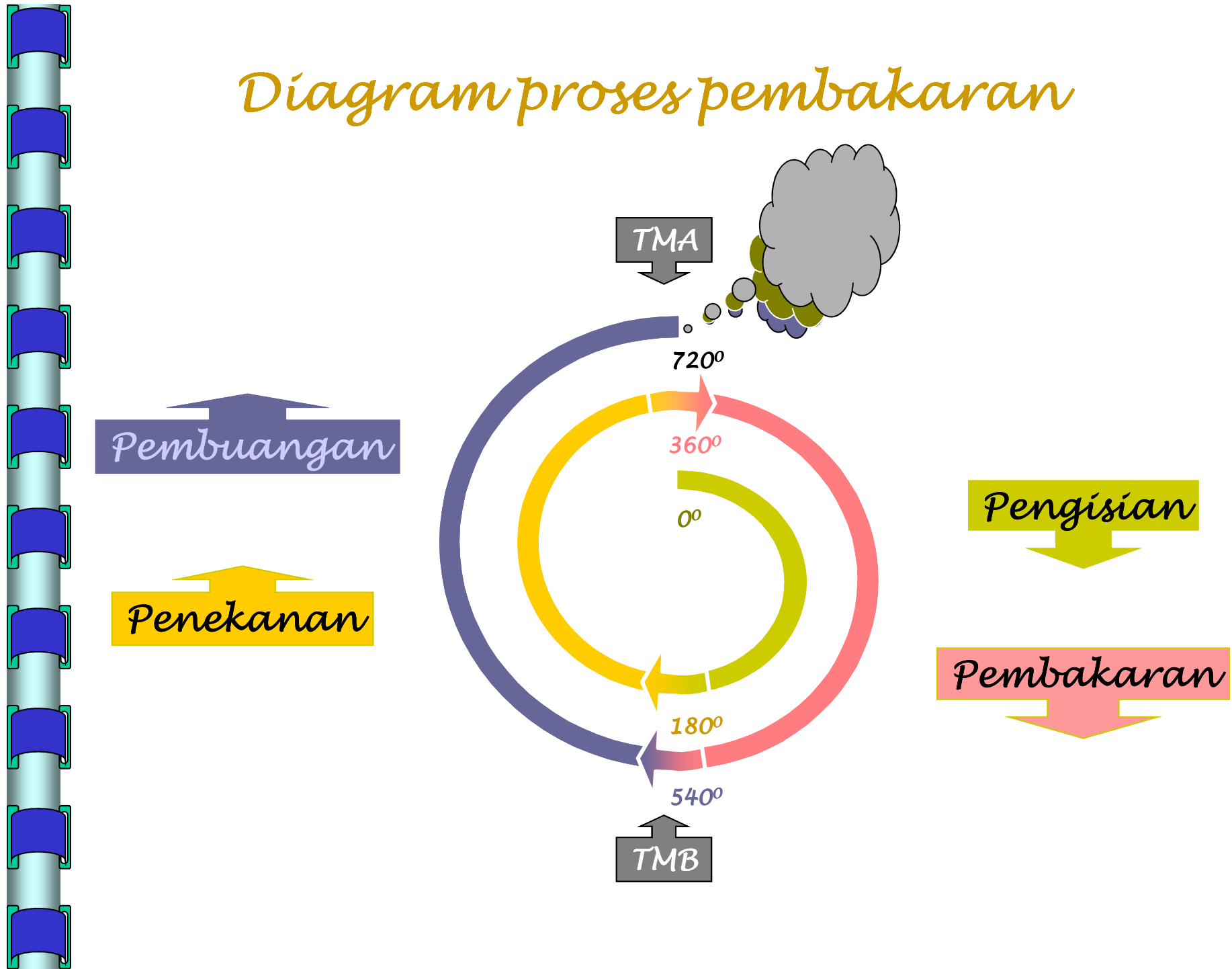
## Langkah pembakaran



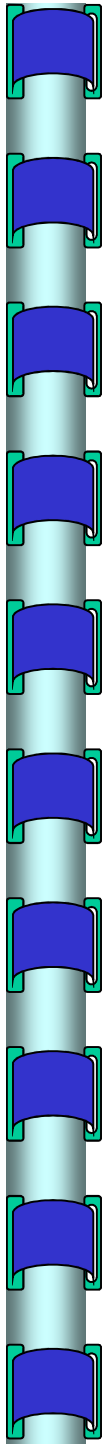
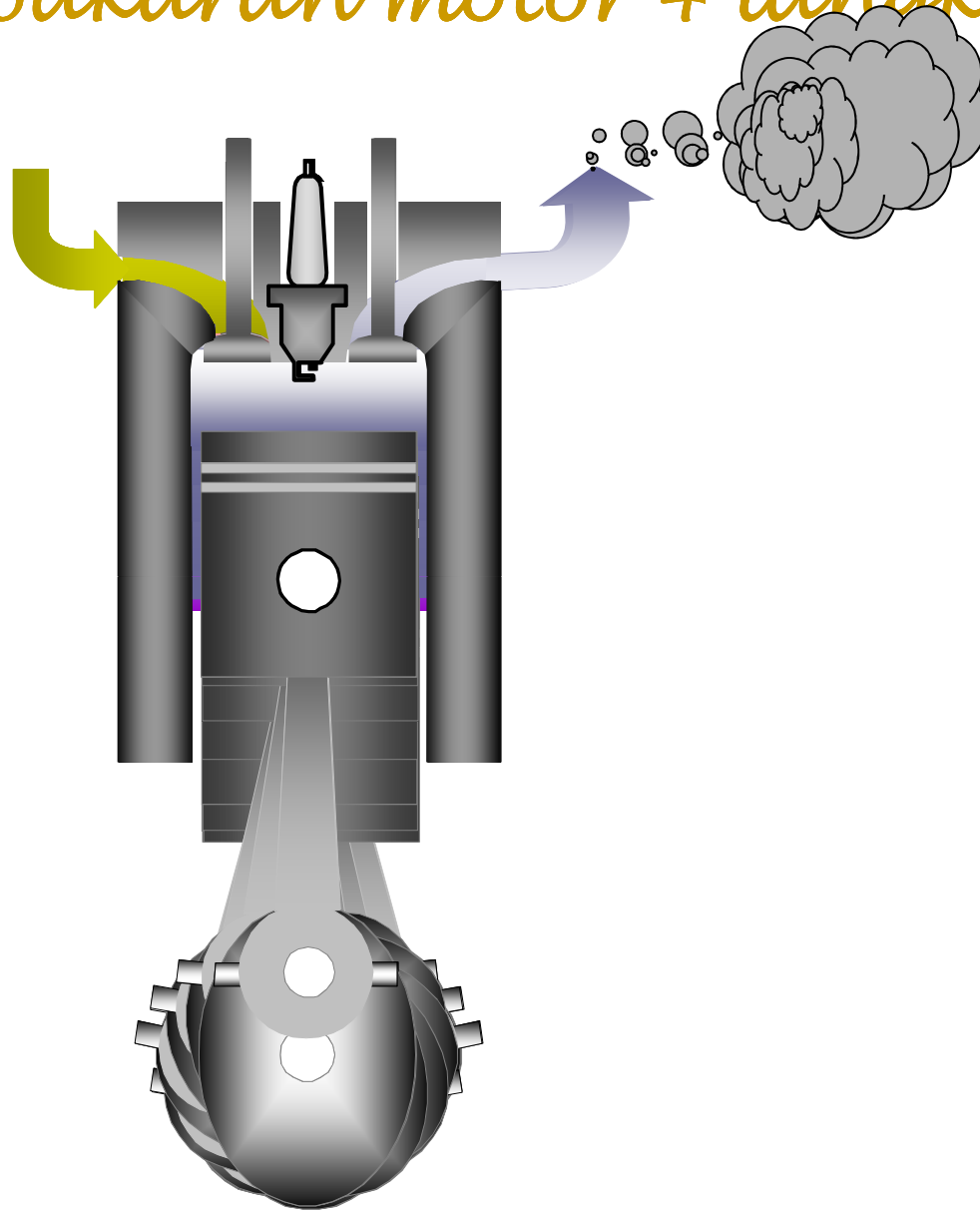
# Mekanisme pembakaran



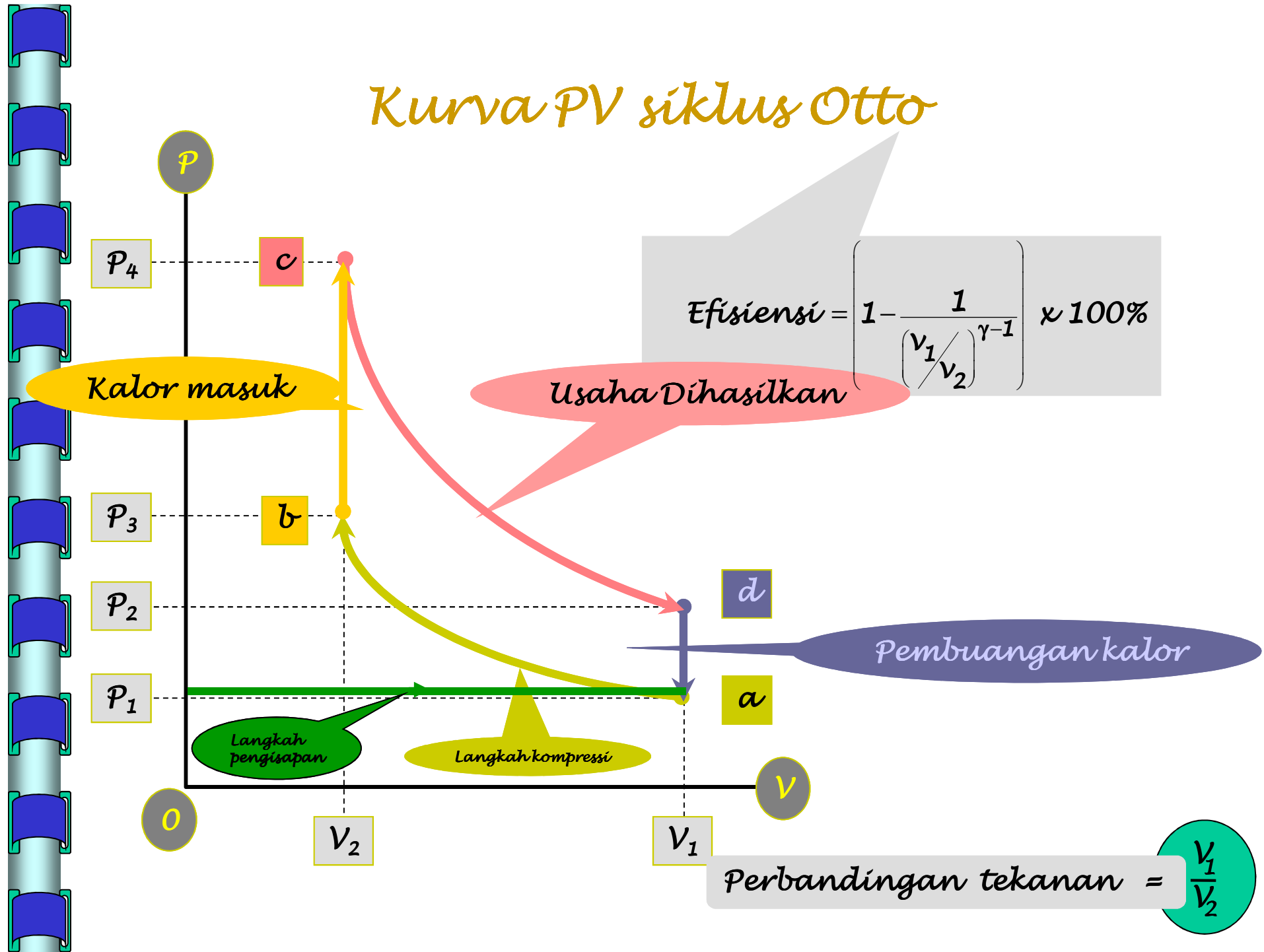
# Diagram proses pembakaran

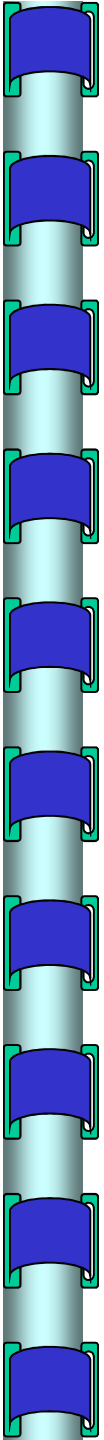


# *Proses pembakaran motor 4 langkah*



## Kurva PV siklus Otto





*Pelajari*

*Hukum ke-2 Termodinamika*

*berikutnya .....*