

32 Point Groups

Hexagonal	6	6	C_6	Pyramidal
	$\bar{6}$	$\bar{6}$	C_{3h}	Trigonal-dipyramidal
	$6/m$	$\frac{6}{m}$	C_{6h}	Dipyramidal
	622	622	D_6	Trapezohedral
	$6mm$	$6mm$	C_{6v}	Dihexagonal-pyramidal
	$\bar{6}2m$	$\bar{6}2m$	D_{3h}	Ditrigonal-dipyramidal
	$6/mmm$	$\frac{6\ 2\ 2}{m\ m\ m}$	D_{6h}	Dihexagonal-dipyramidal
Cubic	23	23	T	Tetrahedral-pentagondodecahedral (= tetartoidal)
	$m\bar{3}$	$\frac{2}{m}\bar{3}$	T_h	Disdodecahedral (= diploidal)
	432	432	O	Pentagon-icositetrahedral (= gyroidal)
	$\bar{4}3m$	$\bar{4}3m$	T_d	Hexakistetrahedral (= hextetrahedral)
	$m\bar{3}m$	$\frac{4}{m}\bar{3}\frac{2}{m}$	O_h	Hexakisoctahedral (= hexoctahedral)