

## Shape Organizer

ANGLE →	180° (or less)	120° (or less)	109.5° (or less)	120° / 90° (or less)	90° (or less)	Number of Lone Pair ↓
BASE SHAPE →	LINEAR	TRIGONAL PLANAR	TETRAHEDRAL	TRIGONAL BIPYRAMIDAL	OCTAHEDRAL	
ACTUAL SHAPE →	Linear (2200)* (4202)	Trigonal Planar (3300) (4301)	Tetrahedral (4400)	Trigonal Bipyramidal (5500)	Octahedral (6600)	0
		Angular (3210) (4211)	Pyramidal (4310)	See-Saw (5410)	Square Based Pyramid (6510)	1
			Angular (4220)	T-shaped (5320)	Square Planar (6420)	2
			Linear (4130)	Linear (5230)		3

\* eg (4211) = 4 pair total, 2  $\sigma$  bonds, 1 lone pair, 1  $\pi$  bond