# Coordination Geometries

## Geometries for complete coordination numbers

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| C.N. | Description | Bond angles |  |
| 2 | Linear | 180° |  |
| 3 | Trigonal planar | 120° |  |
| 4 | Tetrahedron | 109.5° |  |
| 4 | Square Plane | 90°; 180° |  |
| 5 | Square pyramid | °; 180°  90° |  |
| 5 | Trigonal bipyramid | 90°  120°  180° |  |
| 6 | Octahedron | 90°  90°  180° |  |
| 6 | Trigonal Prism |  |  |