





















	Bond Angle: Degrees	Code	Atom model	Colour	Shape	Individual sets				
						ref 0026	ref 0027	ref 0028	ref 0029	ref 0045
		0216	Ha	White	Univalent	91	50		77	18
		0217	Na	Blue	Univalent		10			2
		0218	Oa	Red	Univalent	5	10		12	2
		0219	Fa	Light green	Univalent		10			
		0220	Sa	Yellow	Univalent		2			
		0221	Cla	Green	Univalent	4	15		2	6
	180	0224	Hb	White	Divalent - linear	25		24	13	
		0225	Cb	Black	Divalent - linear		10			2
		0226	Nb	Blue	Divalent - linear		2			1
		0227	Ob	Red	Divalent - linear				13	
	100	0228	Sc	Yellow	Divalent 100°	9	10		2	
	110	0229	Nd	Blue	Divalent 110°				2	
		0230	Od	Red	Divalent 110°	10	25		28	6
	120	0231	Ne	Blue	Divalent 120°				3	
	108,126,126	0236	Ch	Black	Trivalent					6
		0237	Nh	Blue	Trivalent					2
	114,123,123	0239	Ci	Black	Trivalent					13
		0240	Ni	Blue	Trivalent					13
	120,120,120	0241	Cj	Black	Trivalent	25	20	37	13	6
		0242	Nj	Blue	Trivalent	2	6		8	2
		0243	Oj	Red	Trivalent			25		
	110	0244	Ck	Black	Tetrahedral	50	30	31	38	12
		0245	Nk	Blue	Tetrahedral	4	10		2	2
		0246	Ok	Red	Tetrahedral	20	10	13		2
		0247	Pk	Purple	Tetrahedral		5		5	1
		0248	Sk	Yellow	Tetrahedral	2	5	26		1
		0250	Halk	Green	Tetrahedral			10		
	90	0251	Mk	Silver	Tetrahedral		2	21	1	
		0252	Cl	Black	Octahedral		2			2
		0255	Sl	Yellow	Octahedral		1			
		0257	HALI	Green	Octahedral	15		15		
	90, 120	0258	Ml	Silver	Octahedral	15	2	15	1	
		0259	Cm	Black	Trig. Bipyramid		6			2
		0260	Nm	Blue	Trig. Bipyramid		1			
		0261	Om	Red	Trig. Bipyramid		1			
	70, 110	0262	Pm	Purple	Trig. Bipyramid		1			
		0263	HALp	Green	8 coordinate			5		
	60	0264	Mp	Silver	8 coordinate			19		
		0265	Mq	Silver	12 coordinate	13		21		
		0267	x pegs	Natural		6		4	4	
<b>Total atoms (excludes pegs)</b>						<b>290</b>	<b>246</b>	<b>262</b>	<b>255</b>	<b>66</b>

BONDS				ref 0026	ref 0027	ref 0028	ref 0029	ref 0045
Type and colour	Code	Length						
	1302	5 cm			20			
	1303	3.5 cm			100	100	100	50
	1304	3 cm		200			50	
	1306	2 cm			50	50	70	20
	Orbit Extra-rigid grey	3533	3.5 cm		12			15
	Orbit Thick white	1312	5 cm	30		15*	15	
		1313	3.5 cm			30*		
	Orbit Rigid green	0177	10 cm	6		24**		
	Thick Long	light-grey	1300	21 cm		2	2	
		green	1340	21 cm		2	2	
	Orbit Very flexible white	0187	5 cm	4	12		4	6
<b>Total bonds (12 bonds per mixed bundle)</b>				<b>240</b>	<b>198</b>	<b>264</b>	<b>243</b>	<b>91</b>

Contents are subject to revision from time to time.

Last revised: January 2024

\* Thick white or Original Rigid white

\*\* Original Rigid 10 cm colours may vary

 Orbit™ Molecular Models;  
 Manufactured by Cochranes of Oxford Ltd,

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 0045 Orbit Foundation Set for Inorganic and Organic Chemistry  
 0026 Orbit Basic Structures Individual Set  
 0027 Orbit Organic and Inorganic Chemistry Individual Set  
 0028 Orbit Lattices Individual Set  
 0029 Orbit Biochemistry Individual Set