























	Bond Angle: Degrees	Code	Atom model	Colour	Shape	Large set	Class sets				
						ref 0041	ref 0046	ref 0047	ref 0048	ref 0049	
		0216	Ha	White	Univalent	280	142	100		115	
		0217	Na	Blue	Univalent	16		20			
		0218	Oa	Red	Univalent	40	10	25		20	
		0219	Fa	Light green	Univalent	16		20		0	
		0220	Sa	Yellow	Univalent	5		10		0	
		0221	Ca	Green	Univalent	30	10	30		4	
		0222	Bra	Blue-green	Univalent	5				0	
		0223	la	Dark Green	Univalent	5				0	
	180	0224	Hb	White	Divalent - linear	40	50		26	12	
		0225	Cb	Black	Divalent - linear	14		20		0	
		0226	Nb	Blue	Divalent - linear	4		5		2	
		0227	Ob	Red	Divalent - linear	12				12	
	100	0228	Sc	Yellow	Divalent 100°	22	18	25		4	
	110	0229	Nd	Blue	Divalent 110°	4				4	
		0230	Od	Red	Divalent 110°	86	21	50		56	
	120	0231	Ne	Blue	Divalent 120°	4				4	
	100,130,130	0232	Cf	Brown	Trivalent	3					
		0233	Pf	Purple	Trivalent	5				0	
	108,126,126	0236	Ch	Black	Trivalent	10				10	
		0237	Nh	Blue	Trivalent	4				4	
		0238	Oh	Red	Trivalent	2					
	114,123,123	0239	Ci	Black	Trivalent	20				20	
		0240	Ni	Blue	Trivalent	16				16	
	120,120,120	0241	Cj	Black	Trivalent	100	50	25	50	26	
		0242	Nj	Blue	Trivalent	24	5	10		14	
		0243	Oj	Red	Trivalent	25				43	
	110	0244	Ck	Black	Tetrahedral	180	80	100	32	70	
		0245	Nk	Blue	Tetrahedral	18	7	10		2	
		0246	Ok	Red	Tetrahedral	29	36	10	13	0	
		0247	Pk	Purple	Tetrahedral	18		15		8	
		0248	Sk	Yellow	Tetrahedral	36	3	10	26	0	
		0250	Halk	Green	Tetrahedral	9				9	
	90	0251	Mk	Silver	Tetrahedral	40		5	36	0	
		0252	Cl	Black	Octahedral	4					
		0253	Nl	Blue	Octahedral	2					
		0254	Ol	Red	Octahedral	2					
		0255	Sl	Yellow	Octahedral	2		5			
		0257	HALl	Green	Octahedral	25	30		25		
		0258	MI	Silver	Octahedral	30	30	5	28	2	
			90, 120	0259	Cm	Black	Trig. Bipyramid	6			
0260	Nm			Blue	Trig. Bipyramid	2					
0261	Om			Red	Trig. Bipyramid	2					
0262	Pm			Purple	Trig. Bipyramid	2		5			
	70, 110	0263	HALp	Green	8 coordinate	5			5		
		0264	Mp	Silver	8 coordinate	20			42		
	60	0265	Mq	Silver	12 coordinate	40	28		45		
		0267	x pegs	Natural		20		12		8	
		0416	Orbital	White		12					
		0417	Orbital	Black		6					
<b>Total atoms (excludes pegs)</b>						<b>1264</b>	<b>520</b>	<b>505</b>	<b>380</b>	<b>405</b>	

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<b>BONDS</b>				<b>ref</b>	<b>ref</b>	<b>ref</b>	<b>ref</b>	<b>ref</b>
<b>Type and colour</b>		<b>Code</b>	<b>Length</b>	<b>0041</b>	<b>0046</b>	<b>0047</b>	<b>0048</b>	<b>0049</b>
		1302	5 cm	50		50		
	Orbit Thick, light-grey	1303	3.5 cm	550	200	150	300	150
		1304	3 cm	100				100
		1305	2.5 cm	0				
		1306	2 cm	300	150	100	50	150
	Orbit Extra-rigid grey	3533	3.5 cm	12		12		
	Orbit Thick white	1312	5 cm	50 <sup>†</sup>	60		30	15
		1313	3.5 cm	30 <sup>†</sup>			30	
	Orbit Rigid green	0177	10 cm	24	12		24	
	Thick Long	light-grey	1300	21 cm				
		green	1340	21 cm			4	4
		white	1310	21 cm			4	4
	Orbit mixed	0491	10 cm	2				
		0207	21 cm					
	Orbit Very flexible white	0213	21 cm	2		4		
		0187	5 cm	20	10			8
<b>Total bonds (12 bonds per mixed bundle)</b>				<b>1162</b>	<b>432</b>	<b>324</b>	<b>434</b>	<b>431</b>

Contents are subject to revision from time to time.

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† Thick white or Original Rigid white

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0041 Orbit Large Set

0046 Orbit Basic Structures Class Set

0047 Orbit Organic and Inorganic  
Chemistry Class Set

0048 Orbit Lattices Class Set

0049 Orbit Biochemistry Class Set