




















	Bond Angle: Degrees	Code	Atom model	Principal Element	Colour	Large set	Class sets			
						ref 0041	ref 0046	ref 0047	ref 0048	ref 0049
		0216	Ha	Hydrogen	White	250	130	100		110
		0217	Na	Nitrogen	Blue	10		20		2
		0218	Oa	Oxygen	Red	50	10	25		25
		0219	Fa	Fluorine	Light green	10		20		2
		0220	Sa	Sulfur	Yellow	10		10		2
		0221	Ca	Chlorine	Green	10	10	30		2
		0222	Bra	Bromine	Blue-green	10				2
		0223	Ia	Iodine	Dark Green	10				2
	180	0224	Hb	Hydrogen	White	40	50		25	15
		0225	Cb	Carbon	Black	5		20		2
		0226	Nb	Nitrogen	Blue	5		5		2
		0227	Ob	Oxygen	Red	20				10
	100	0228	Sc	Sulfur	Yellow	10	25	25		2
	110	0229	Nd	Nitrogen	Blue	10				5
		0230	Od	Oxygen	Red	120	21	50		35
	120	0231	Ne	Nitrogen	Blue	10				5
	100,130,130	0232	Cf	Carbon	Black	3				
		0233	Pf	Phosphorous	Purple	10				2
	108,126,126	0236	Ch	Carbon	Black	20				5
		0237	Nh	Nitrogen	Blue	20				5
		0238	Oh	Oxygen	Red	10				5
	114,123,123	0239	Ci	Carbon	Black	20				20
		0240	Ni	Nitrogen	Blue	20				20
		0241	Cj	Carbon	Black	100	50	25	45	25
	120,120,120	0242	Nj	Nitrogen	Blue	50	6	10		15
		0243	Oj	Oxygen	Red	20			45	
		0244	Ck	Carbon	Black	130	75	100	35	60
		0245	Nk	Nitrogen	Blue	10	9	10		2
	110	0246	Ok	Oxygen	Red	20	30	10	15	5
		0247	Pk	Phosphorous	Purple	20		15		10
		0248	Sk	Sulfur	Yellow	12	3	10	40	2
		0250	Halk	Halogen	Green	30			10	
		0251	Mk	Metal	Silver	30		5	25	5
		0252	Cl	Carbon	Black	6				
		0253	Nl	Nitrogen	Blue	4				
	90	0254	Ol	Oxygen	Red	14				
		0255	Sl	Sulfur	Yellow	5		5		
		0257	HALI	Halogen	Green	25	30		25	
		0258	MI	Metal	Silver	27	30	5	35	4
		0259	Cm	Carbon	Black	6				
	90, 120	0260	Nm	Nitrogen	Blue	4				
		0261	Om	Oxygen	Red	4				
		0262	Pm	Phosphorous	Purple	2		5		
		0263	HALp	Halogen	Green	5			12	
	70, 110	0264	Mp	Metal	Silver	20			22	
		0265	Mq	Metal	Silver	40	40		50	
		0267	x pegs	Double bonding	Natural	30		12		12
<b>Total atoms (excludes pegs)</b>						<b>1267</b>	<b>519</b>	<b>505</b>	<b>384</b>	<b>408</b>

BONDS				ref	ref	ref	ref	ref
Type and colour	Code	Length		0041	0046	0047	0048	0049
	1300	21 cm						
	1302	5cm		150		50		
	1303	3.5cm		400	200	150	250	150
	1304	3cm		150				50
	1305	2.5cm						
	1306	2cm		200	150	100	50	150
	3533	3.5cm		45		15		
	0182	10cm					15	
	0449	5cm		60	60		30	30
	0457	3.5cm		90			30	
	0491	10cm		4				
	0207	21cm			1	1		1
	0213	21cm		2	2	2		2
	0187	5cm		25				
<b>Total bonds (12 bonds per mixed bundle)</b>				<b>1170</b>	<b>424</b>	<b>329</b>	<b>375</b>	<b>394</b>

Orbit™ Molecular Models;

 Manufactured by Cochranes of Oxford Ltd,  
 Shipton-under-Wychwood, Oxon OX7 6DG, UK

E-mail: sales@cochranes.co.uk Info:www.cochranes.co.uk

**Set descriptions:**

 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