

## Generic Data Collection

Mo

D=50mm

### Minimum set

$2\theta$	$\omega$	$\phi$	$\chi$	scan type	width	#frames
-30	-30	0	54.7	omega	-0.3	600
-30	-30	90	54.7	omega	-0.3	400
-30	-30	180	54.7	omega	-0.3	200

### Standard set

$2\theta$	$\omega$	$\phi$	$\chi$	scan type	width	#frames
-30	-30	0	54.7	omega	-0.3	600
-30	-30	90	54.7	omega	-0.3	600
-30	-30	180	54.7	omega	-0.3	600
-30	-30	270	54.7	omega	-0.3	600

### Optimized set (Fits on one CD without compression)

$2\theta$	$\omega$	$\phi$	$\chi$	scan type	width	#frames
-30	-30	0	54.7	omega	-0.3	600
-30	-30	90	54.7	omega	-0.3	600
-30	-30	180	54.7	omega	-0.3	400
-30	-30	270	54.7	omega	-0.3	400

### Rapid data collection

$2\theta$	$\omega$	$\phi$	$\chi$	scan type	width	#frames
-30	-30	0	54.7	omega	-0.5	360
-30	-30	90	54.7	omega	-0.5	360
-30	-30	180	54.7	omega	-0.5	360

### Full Triclinic set

$2\theta$	$\omega$	$\phi$	$\chi$	scan type	width	#frames
-30	-30	0	54.7	omega	-0.3	600
-30	-30	60	54.7	omega	-0.3	600
-30	-30	120	54.7	omega	-0.3	600
-30	-30	180	54.7	omega	-0.3	600
-30	-30	240	54.7	omega	-0.3	600
-30	-30	300	54.7	omega	-0.3	600

### Absolute configuration set

$2\theta$	$\omega$	$\varphi$	$\chi$	scan type	width	#frames
-30	-30	0	54.7	omega	-0.5	360
-30	-30	90	54.7	omega	-0.5	360
-30	-30	180	54.7	omega	-0.5	360
-30	-30	270	54.7	omega	-0.5	360
-30	-30	0	54.7	phi	-0.5	720
+30	+30	0	54.7	phi	-0.5	720
-30	+220	0	54.7	phi	-0.5	720
+30	-30	0	54.7	phi	-0.5	720

