



Origin halfway between three pairs of non-intersecting screw axes

Number of positions,  
Wyckoff notation,  
and point symmetry

Co-ordinates of equivalent positions

Conditions limiting  
possible reflections

4    *a*    1     $x, y, z; \frac{1}{2} - x, \bar{y}, \frac{1}{2} + z; \frac{1}{2} + x, \frac{1}{2} - y, \bar{z}; \bar{x}, \frac{1}{2} + y, \frac{1}{2} - z.$

$hkl:$   
 $0kl:$   
 $h0l:$   
 $hk0:$

} No conditions

$h00: h=2n$   
 $0k0: k=2n$   
 $00l: l=2n$

Symmetry of special projections

(001)  $pgg; a'=a, b'=b$

(100)  $pgg; b'=b, c'=c$

(010)  $pgg; c'=c, a'=a$