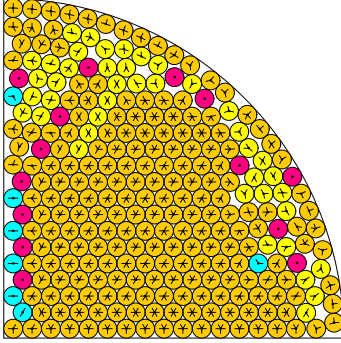


N = 277

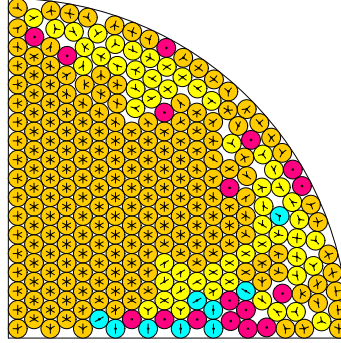
277 circles in a circular quadrant



radius = 0.027712252309 density = 0.850909572236  
 ratio = 36.085121803434 contacts = 599

N = 278

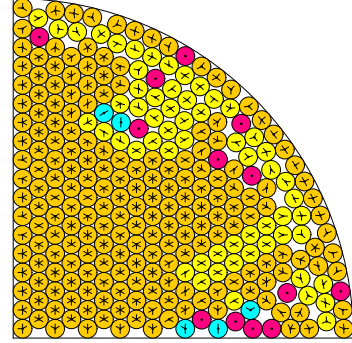
278 circles in a circular quadrant



radius = 0.027651746586 density = 0.85025642282  
 ratio = 36.164080879042 contacts = 631

N = 279

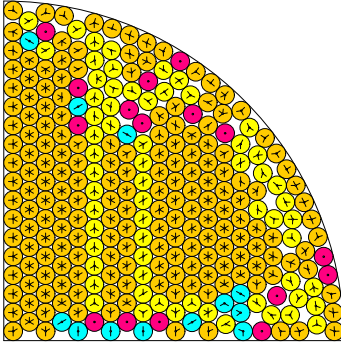
279 circles in a circular quadrant



radius = 0.027603205064 density = 0.850321613643  
 ratio = 36.227677101016 contacts = 611

N = 280

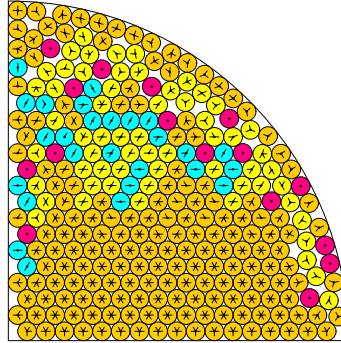
280 circles in a circular quadrant



radius = 0.027557289822 density = 0.850532358650  
 ratio = 36.288046617930 contacts = 603

N = 281

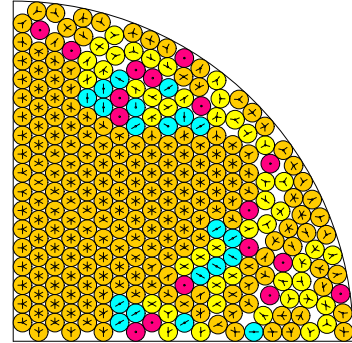
281 circles in a circular quadrant



radius = 0.027528500959 density = 0.851787842329  
 ratio = 36.323981613385 contacts = 693

N = 282

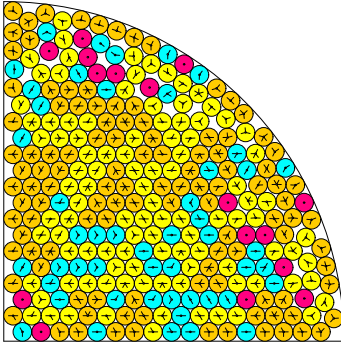
282 circles in a circular quadrant



radius = 0.027456971372 density = 0.850382592341  
 ratio = 36.420622889090 contacts = 609

N = 283

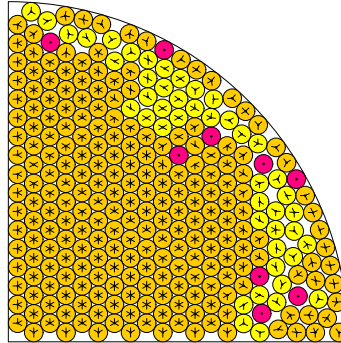
283 circles in a circular quadrant



radius = 0.027423092568 density = 0.851293438805  
 ratio = 36.465617348504 contacts = 480

N = 284

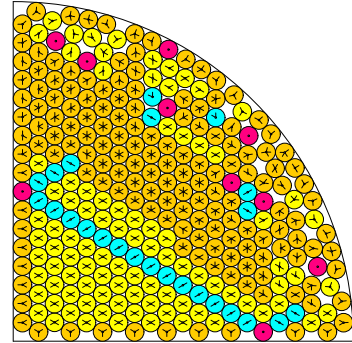
284 circles in a circular quadrant



radius = 0.027378621660 density = 0.851533017667  
 ratio = 36.524848195904 contacts = 686

N = 285

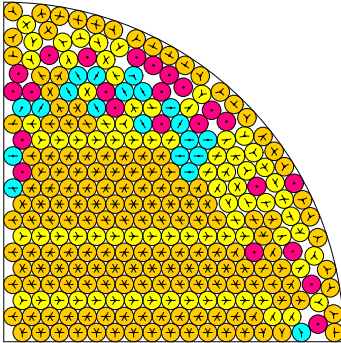
285 circles in a circular quadrant



radius = 0.027319541953 density = 0.850847804648  
 ratio = 36.603834783771 contacts = 568

N = 286

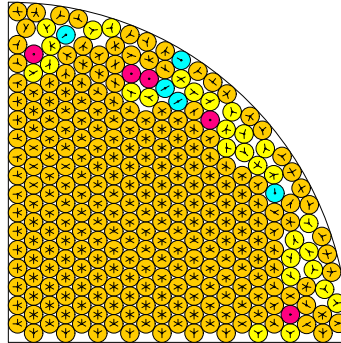
286 circles in a circular quadrant



radius = 0.027262527000 density = 0.850272712944  
 ratio = 36.680385497102 contacts = 565

N = 287

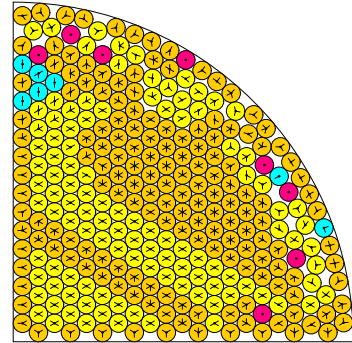
287 circles in a circular quadrant



radius = 0.02722782738 density = 0.851041014243  
 ratio = 36.727866295742 contacts = 690

N = 288

288 circles in a circular quadrant



radius = 0.027184084913 density = 0.851298592369  
 ratio = 36.786230002244 contacts = 592