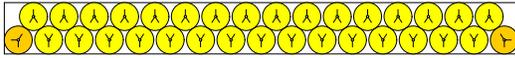


N = 33

33 circles in a 1x0.10000 rectangle

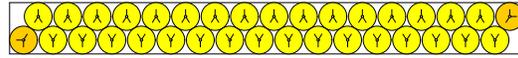


radius = 0.027183161744 density = 0.766061702033
ratio = 3.678747930187 contacts = 67

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N = 34

34 circles in a 1x0.10000 rectangle

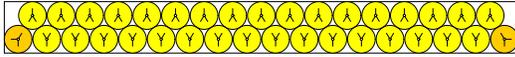


radius = 0.027053975592 density = 0.781791559798
ratio = 3.696314416296 contacts = 69

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N = 35

35 circles in a 1x0.10000 rectangle

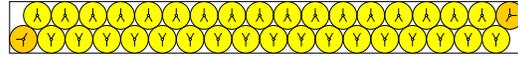


radius = 0.026935896591 density = 0.797775673427
ratio = 3.712517965077 contacts = 71

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N = 36

36 circles in a 1x0.10000 rectangle

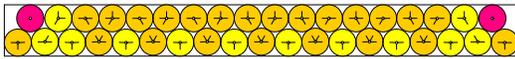


radius = 0.026827690081 density = 0.813989747313
ratio = 3.727491994262 contacts = 73

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N = 37

37 circles in a 1x0.10000 rectangle

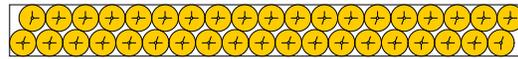


radius = 0.026328369892 density = 0.805748560646
ratio = 3.798184255630 contacts = 71

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N = 38

38 circles in a 1x0.10000 rectangle

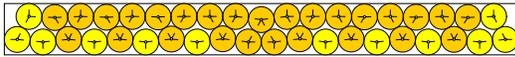


radius = 0.025834884217 density = 0.796794831566
ratio = 3.870735365446 contacts = 95

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N = 39

39 circles in a 1x0.10000 rectangle

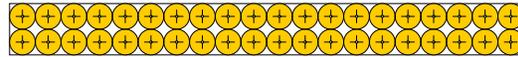


radius = 0.025139633102 density = 0.774341169329
ratio = 3.977782793972 contacts = 81

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N = 40

40 circles in a 1x0.10000 rectangle

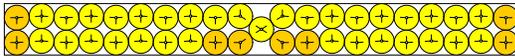


radius = 0.025000000000 density = 0.785398163397
ratio = 4.000000000000 contacts = 102

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N = 41

41 circles in a 1x0.10000 rectangle

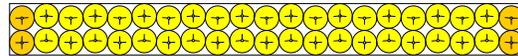


radius = 0.024206181921 density = 0.754720792987
ratio = 4.131176090672 contacts = 84

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N = 42

42 circles in a 1x0.10000 rectangle



radius = 0.023905223878 density = 0.754023347855
ratio = 4.183186089804 contacts = 86

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N = 43

43 circles in a 1x0.10000 rectangle

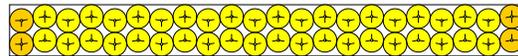


radius = 0.023341132822 density = 0.735973518838
ratio = 4.284282205195 contacts = 97

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N = 44

44 circles in a 1x0.10000 rectangle

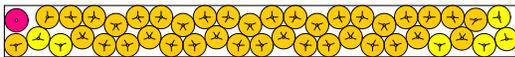


radius = 0.023045900107 density = 0.734158614957
ratio = 4.339166599501 contacts = 90

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N = 45

45 circles in a 1x0.10000 rectangle



radius = 0.022652281116 density = 0.725414565842
ratio = 4.414566439836 contacts = 99

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N = 46

46 circles in a 1x0.10000 rectangle



radius = 0.022349337865 density = 0.721833487918
ratio = 4.474405488155 contacts = 100

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N = 47

47 circles in a 1x0.10000 rectangle

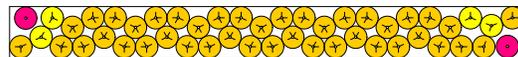


radius = 0.022065140450 density = 0.718887815854
ratio = 4.532035507654 contacts = 105

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N = 48

48 circles in a 1x0.10000 rectangle



radius = 0.021802524112 density = 0.716810999502
ratio = 4.586624901222 contacts = 105

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