| ***DIN 472*** | | | | | | | | | | | | | | | | | | | | |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **BORE CIRCLIP** | **ranura** | | | | | | **Medida anillo** | | | | | | | | | | |  | | |  |
| **B**  **mm** | **G mm** | **Tol. mm** | **W mm** | **Tol. mm** | **n**  **(min)** | **d**  **~** | | **t**  **mm** | **Tol.**  **mm** | **D**  **mm** | **Tol.**  **mm** | **C** | **C1** | **L (max)** | **b**  **~** | **h (min)** | **Wt**  **(kg/K)** | | **Tc**  **(N)** | **Tg**  **(N)** | |  |
| **8** | 8.4 | 0.09 - 0.0 | 0.90 | +0.14 -0.0 | 0.6 | 0.20 | | 0.80 | 0.00 -0.06 | **8.7** | +0.36 -0.10 | 2.8 | 3.6 | 2.4 | 1.1 | 1.0 | 0.11 | | 6200 | 620 | |  |
| **9** | 9.4 | 0.09 - 0.0 | 0.90 | +0.14 -0.0 | 0.6 | 0.20 | | 0.80 | 0.00 -0.06 | **9.8** | +0.36 -0.10 | 3.5 | 4.4 | 2.5 | 1.3 | 1.0 | 0.17 | | 7000 | 690 | |  |
| **10** | 10.4 | 0.11 - 0.0 | 1.10 | +0.14 -0.0 | 0.6 | 0.20 | | 1.00 | 0.00 -0.06 | **10.8** | +0.36 -0.10 | 3.1 | 4.0 | 3.2 | 1.4 | 1.2 | 0.24 | | 9700 | 770 | |  |
| **11** | 11.4 | 0.11 - 0.0 | 1.10 | +0.14 -0.0 | 0.6 | 0.20 | | 1.00 | 0.00 -0.06 | **11.8** | +0.36 -0.10 | 3.9 | 4.8 | 3.3 | 1.5 | 1.2 | 0.30 | | 10700 | 840 | |  |
| **12** | 12.5 | 0.11 - 0.0 | 1.10 | +0.14 -0.0 | 0.8 | 0.30 | | 1.00 | 0.00 -0.06 | **13.0** | +0.36 -0.10 | 4.7 | 5.7 | 3.4 | 1.7 | 1.5 | 0.34 | | 11700 | 1150 | |  |
| **13** | 13.6 | 0.11 - 0.0 | 1.10 | +0.14 -0.0 | 0.9 | 0.30 | | 1.00 | 0.00 -0.06 | **14.1** | +0.36 -0.10 | 5.3 | 6.4 | 3.6 | 1.8 | 1.5 | 0.39 | | 12700 | 1500 | |  |
| **14** | 14.6 | 0.11 - 0.0 | 1.10 | +0.14 -0.0 | 0.9 | 0.30 | | 1.00 | 0.00 -0.06 | **15.1** | +0.36 -0.10 | 6.0 | 7.2 | 3.7 | 1.9 | 1.7 | 0.45 | | 13600 | 1620 | |  |
| **15** | 15.7 | 0.11 - 0.0 | 1.10 | +0.14 -0.0 | 1.1 | 0.40 | | 1.00 | 0.00 -0.06 | **16.2** | +0.36 -0.10 | 7.0 | 8.3 | 3.7 | 2.0 | 1.7 | 0.48 | | 14600 | 2030 | |  |
| **16** | 16.8 | 0.11 - 0.0 | 1.10 | +0.14 -0.0 | 1.2 | 0.40 | | 1.00 | 0.00 -0.06 | **17.3** | +0.36 -0.10 | 7.7 | 9.2 | 3.8 | 2.0 | 1.7 | 0.54 | | 15600 | 2470 | |  |
| **17** | 17.8 | 0.11 - 0.0 | 1.10 | +0.14 -0.0 | 1.2 | 0.40 | | 1.00 | 0.00 -0.06 | **18.3** | +0.42 -0.13 | 8.4 | 10.0 | 3.9 | 2.1 | 1.7 | 0.59 | | 16600 | 2620 | |  |
| **18** | 19.0 | 0.21 - 0.0 | 1.10 | +0.14 -0.0 | 1.5 | 0.50 | | 1.00 | 0.00 -0.06 | **19.5** | +0.42 -0.13 | 8.9 | 10.8 | 4.1 | 2.2 | 2.0 | 0.61 | | 17500 | 3490 | |  |
| **19** | 20.0 | 0.21 - 0.0 | 1.10 | +0.14 -0.0 | 1.5 | 0.50 | | 1.00 | 0.00 -0.06 | **20.5** | +0.42 -0.13 | 9.8 | 11.8 | 4.1 | 2.2 | 2.0 | 0.72 | | 18500 | 3680 | |  |
| **20** | 21.0 | 0.21 - 0.0 | 1.10 | +0.14 -0.0 | 1.5 | 0.50 | | 1.00 | 0.00 -0.06 | **21.5** | +0.42 -0.13 | 10.6 | 12.6 | 4.2 | 2.3 | 2.0 | 0.75 | | 19500 | 3860 | |  |
| **21** | 22.0 | 0.21 - 0.0 | 1.10 | +0.14 -0.0 | 1.5 | 0.50 | | 1.00 | 0.00 -0.06 | **22.5** | +0.42 -0.13 | 11.6 | 13.6 | 4.2 | 2.4 | 2.0 | 0.84 | | 20400 | 4050 | |  |
| **22** | 23.0 | 0.21 - 0.0 | 1.10 | +0.14 -0.0 | 1.5 | 0.50 | | 1.00 | 0.00 -0.06 | **23.5** | +0.42 -0.21 | 12.6 | 14.6 | 4.2 | 2.5 | 2.0 | 0.86 | | 21400 | 4240 | |  |
| **23** | 24.1 | 0.21 - 0.0 | 1.30 | +0.14 -0.0 | 1.7 | 0.60 | | 1.20 | 0.00 -0.06 | **24.6** | +0.42 -0.21 | 13.6 | 15.7 | 4.2 | 2.5 | 2.0 | 1.20 | | 26900 | 4880 | |  |
| **24** | 25.2 | 0.25 - 0.0 | 1.30 | +0.14 -0.0 | 1.8 | 0.60 | | 1.20 | 0.00 -0.06 | **25.9** | +0.42 -0.21 | 14.2 | 16.4 | 4.4 | 2.6 | 2.0 | 1.21 | | 28000 | 5560 | |  |
| **25** | 26.2 | 0.25 - 0.0 | 1.30 | +0.14 -0.0 | 1.8 | 0.60 | | 1.20 | 0.00 -0.06 | **26.9** | +0.42 -0.21 | 15.0 | 17.2 | 4.5 | 2.7 | 2.0 | 1.33 | | 29200 | 5790 | |  |
| **26** | 27.2 | 0.25 - 0.0 | 1.30 | +0.14 -0.0 | 1.8 | 0.60 | | 1.20 | 0.00 -0.06 | **27.9** | +0.42 -0.21 | 15.6 | 17.8 | 4.7 | 2.8 | 2.0 | 1.35 | | 30400 | 6020 | |  |
| **27** | 28.4 | 0.25 - 0.0 | 1.30 | +0.14 -0.0 | 2.1 | 0.70 | | 1.20 | 0.00 -0.06 | **29.1** | +0.50 -0.25 | 16.6 | 19.0 | 4.7 | 2.9 | 2.0 | 1.55 | | 31600 | 7310 | |  |
| **28** | 29.4 | 0.25 - 0.0 | 1.30 | +0.14 -0.0 | 2.1 | 0.70 | | 1.20 | 0.00 -0.06 | **30.1** | +0.50 -0.25 | 17.4 | 19.8 | 4.8 | 2.9 | 2.0 | 1.64 | | 32700 | 7570 | |  |
| **29** | 30.4 | 0.30 - 0.0 | 1.30 | +0.14 -0.0 | 2.1 | 0.70 | | 1.20 | 0.00 -0.06 | **31.1** | +0.50 -0.25 | 18.4 | 20.8 | 4.8 | 3.0 | 2.0 | 1.74 | | 33900 | 7840 | |  |
| **30** | 31.4 | 0.30 - 0.0 | 1.30 | +0.14 -0.0 | 2.1 | 0.70 | | 1.20 | 0.00 -0.06 | **32.1** | +0.50 -0.25 | 19.4 | 21.8 | 4.8 | 3.0 | 2.0 | 1.87 | | 35100 | 8100 | |  |
| **31** | 32.7 | 0.30 - 0.0 | 1.30 | +0.14 -0.0 | 2.6 | 0.90 | | 1.20 | 0.00 -0.06 | **33.4** | +0.50 -0.25 | 19.6 | 22.3 | 5.2 | 3.2 | 2.5 | 2.20 | | 36250 | 9900 | |  |
| **32** | 33.7 | 0.30 - 0.0 | 1.30 | +0.14 -0.0 | 2.6 | 0.90 | | 1.20 | 0.00 -0.06 | **34.4** | +0.50 -0.25 | 20.2 | 22.9 | 5.2 | 3.2 | 2.5 | 1.98 | | 37400 | 10500 | |  |
| **33** | 34.7 | 0.30 - 0.0 | 1.30 | +0.14 -0.0 | 2.6 | 0.90 | | 1.20 | 0.00 -0.06 | **35.5** | +0.50 -0.25 | 21.2 | 23.9 | 5.4 | 3.3 | 2.5 | 2.13 | | 38600 | 10900 | |  |
| **34** | 35.7 | 0.30 - 0.0 | 1.60 | +0.14 -0.0 | 2.6 | 0.90 | | 1.50 | 0.00 -0.06 | **36.5** | +0.50 -0.25 | 22.2 | 24.9 | 5.4 | 3.3 | 2.5 | 2.88 | | 49700 | 11200 | |  |
| **35** | 37.0 | 0.30 - 0.0 | 1.60 | +0.14 -0.0 | 3.0 | 1.00 | | 1.50 | 0.00 -0.06 | **37.8** | +0.50 -0.25 | 23.2 | 26.2 | 5.4 | 3.4 | 2.5 | 2.93 | | 51100 | 13600 | |  |
| **36** | 38.0 | 0.30 - 0.0 | 1.60 | +0.14 -0.0 | 3.0 | 1.00 | | 1.50 | 0.00 -0.06 | **38.8** | +0.50 -0.25 | 24.2 | 27.2 | 5.4 | 4.0 | 2.5 | 3.23 | | 52600 | 14000 | |  |
| **37** | 39.0 | 0.30 - 0.0 | 1.60 | +0.14 -0.0 | 3.0 | 1.00 | | 1.50 | 0.00 -0.06 | **39.8** | +0.50 -0.25 | 25.0 | 28.0 | 5.5 | 3.2 | 2.5 | 2.98 | | 54100 | 14300 | |  |
| **38** | 40.0 | 0.30 - 0.0 | 1.60 | +0.14 -0.0 | 3.0 | 1.00 | | 1.50 | 0.00 -0.06 | **40.8** | +0.50 -0.25 | 26.0 | 29.0 | 5.5 | 3.7 | 2.5 | 3.54 | | 55500 | 14700 | |  |
| **40** | 42.5 | 0.30 - 0.0 | 1.85 | +0.14 -0.0 | 3.8 | 1.30 | | 1.75 | 0.00 -0.06 | **43.5** | +0.90 -0.39 | 27.4 | 30.9 | 5.8 | 3.9 | 2.5 | 4.63 | | 56600 | 19400 | |  |
| **41** | 43.5 | 0.30 - 0.0 | 1.85 | +0.14 -0.0 | 3.8 | 1.30 | | 1.75 | 0.00 -0.06 | **44.5** | +0.90 -0.39 | 28.2 | 31.7 | 5.9 | 4.0 | 2.5 | 5.37 | | 58100 | 19900 | |  |
| **42** | 44.5 | 0.30 - 0.0 | 1.85 | +0.14 -0.0 | 3.8 | 1.30 | | 1.75 | 0.00 -0.06 | **45.5** | +0.90 -0.39 | 29.2 | 32.7 | 5.9 | 4.1 | 2.5 | 5.21 | | 59500 | 20400 | |  |
| **45** | 47.5 | 0.30 - 0.0 | 1.85 | +0.14 -0.0 | 3.8 | 1.30 | | 1.75 | 0.00 -0.06 | **48.5** | +1.10 -0.46 | 31.6 | 35.1 | 6.2 | 4.3 | 2.5 | 5.88 | | 63700 | 21800 | |  |
| **47** | 49.5 | 0.30 - 0.0 | 1.85 | +0.14 -0.0 | 3.8 | 1.30 | | 1.75 | 0.00 -0.06 | **50.5** | +1.10 -0.46 | 33.2 | 36.7 | 6.4 | 4.4 | 2.5 | 6.13 | | 66600 | 22700 | |  |
| **48** | 50.5 | 0.30 - 0.0 | 1.85 | +0.14 -0.0 | 3.8 | 1.30 | | 1.75 | 0.00 -0.06 | **51.5** | +1.10 -0.46 | 34.6 | 37.7 | 6.4 | 4.5 | 2.5 | 6.31 | | 68000 | 23200 | |  |
| **50** | 53.0 | 0.30 - 0.0 | 2.15 | +0.14 -0.0 | 4.5 | 1.50 | | 2.00 | 0.00 -0.07 | **54.2** | +1.10 -0.46 | 36.0 | 40.0 | 6.5 | 4.6 | 2.5 | 8.01 | | 80900 | 29100 | |  |
| **51** | 54.0 | 0.30 - 0.0 | 2.15 | +0.14 -0.0 | 4.5 | 1.50 | | 2.00 | 0.00 -0.07 | **55.2** | +1.10 -0.46 | 37.0 | 41.0 | 6.5 | 4.7 | 2.5 | 8.72 | | 82500 | 29700 | |  |
| **52** | 55.0 | 0.30 - 0.0 | 2.15 | +0.14 -0.0 | 4.5 | 1.50 | | 2.00 | 0.00 -0.07 | **56.2** | +1.10 -0.46 | 37.6 | 41.6 | 6.7 | 4.7 | 2.5 | 8.91 | | 84100 | 30300 | |  |
| **55** | 58.0 | 0.30 - 0.0 | 2.15 | +0.14 -0.0 | 4.5 | 1.50 | | 2.00 | 0.00 -0.07 | **59.2** | +1.10 -0.46 | 40.4 | 44.4 | 6.8 | 5.0 | 2.5 | 9.44 | | 89000 | 32000 | |  |
| **56** | 59.0 | 0.30 - 0.0 | 2.15 | +0.14 -0.0 | 4.5 | 1.50 | | 2.00 | 0.00 -0.07 | **60.2** | +1.10 -0.46 | 41.4 | 45.4 | 6.8 | 5.1 | 2.5 | 9.75 | | 90600 | 32500 | |  |
| **57** | 60.0 | 0.30 - 0.0 | 2.15 | +0.14 -0.0 | 4.5 | 1.50 | | 2.00 | 0.00 -0.07 | **62.2** | +1.10 -0.46 | 42.4 | 46.4 | 6.8 | 5.1 | 2.5 | 10.36 | | 92200 | 33100 | |  |
| **58** | 61.0 | 0.30 - 0.0 | 2.15 | +0.14 -0.0 | 4.5 | 1.50 | | 2.00 | 0.00 -0.07 | **62.2** | +1.10 -0.46 | 43.2 | 47.2 | 6.9 | 5.2 | 2.5 | 9.56 | | 93900 | 33700 | |  |
| **60** | 63.0 | 0.30 - 0.0 | 2.15 | +0.14 -0.0 | 4.5 | 1.50 | | 2.00 | 0.00 -0.07 | **64.2** | +1.10 -0.46 | 44.4 | 48.4 | 7.3 | 5.4 | 2.5 | 11.15 | | 97100 | 34800 | |  |
| **62** | 65.0 | 0.30 - 0.0 | 2.15 | +0.14 -0.0 | 4.5 | 1.50 | | 2.00 | 0.00 -0.07 | **66.2** | +1.10 -0.46 | 46.4 | 50.4 | 7.3 | 5.5 | 2.5 | 11.59 | | 100000 | 35900 | |  |
| **63** | 66.0 | 0.30 - 0.0 | 2.15 | +0.14 -0.0 | 4.5 | 1.50 | | 2.00 | 0.00 -0.07 | **67.2** | +1.10 -0.46 | 47.4 | 51.4 | 7.3 | 5.6 | 2.5 | 11.78 | | 102000 | 36800 | |  |
| **65** | 68.0 | 0.30 - 0.0 | 2.65 | +0.14 -0.0 | 4.5 | 1.50 | | 2.50 | 0.00 -0.07 | **69.2** | +1.10 -0.46 | 48.0 | 52.8 | 7.6 | 5.8 | 3.0 | 16.80 | | 131000 | 37600 | |  |
| **67** | 70.0 | 0.30 - 0.0 | 2.65 | +0.14 -0.0 | 4.5 | 1.50 | | 2.50 | 0.00 -0.07 | **72.0** | +1.10 -0.46 | 50.6 | 54.6 | 7.7 | 6.0 | 3.0 | 17.71 | | 136000 | 38700 | |  |
| **68** | 71.0 | 0.30 - 0.0 | 2.65 | +0.14 -0.0 | 4.5 | 1.50 | | 2.50 | 0.00 -0.07 | **72.2** | +1.10 -0.46 | 51.4 | 55.4 | 7.8 | 6.1 | 3.0 | 17.72 | | 138000 | 39300 | |  |
| **70** | 73.0 | 0.30 - 0.0 | 2.65 | +0.14 -0.0 | 4.5 | 1.50 | | 2.50 | 0.00 -0.07 | **74.5** | +1.10 -0.46 | 53.4 | 57.4 | 7.8 | 6.2 | 3.0 | 17.65 | | 142000 | 40400 | |  |
| **72** | 75.0 | 0.30 - 0.0 | 2.65 | +0.14 -0.0 | 4.5 | 1.50 | | 2.50 | 0.00 -0.07 | **76.5** | +1.10 -0.46 | 55.4 | 59.4 | 7.8 | 6.4 | 3.0 | 19.70 | | 146000 | 41600 | |  |
| **75** | 78.0 | 0.30 - 0.0 | 2.65 | +0.14 -0.0 | 4.5 | 1.50 | | 2.50 | 0.00 -0.07 | **79.5** | +1.10 -0.46 | 58.4 | 62.4 | 7.8 | 6.6 | 3.0 | 20.62 | | 152000 | 43300 | |  |
| **76** | 79.0 | 0.30 - 0.0 | 2.65 | +0.14 -0.0 | 4.5 | 1.50 | | 2.50 | 0.00 -0.07 | **80.7** | +1.10 -0.46 | 59.4 | 63.4 | 7.9 | 6.7 | 3.0 | 22.68 | | 154000 | 43800 | |  |
| **78** | 81.0 | 0.35 – 0.0 | 2.65 | +0.14 -0.0 | 4.5 | 1.50 | | 2.50 | 0.00 -0.07 | **82.5** | +1.3 -0.54 | 60.0 | 64.0 | 8.5 | 6.8 | 3.0 | 22.46 | | 158000 | 45000 | |  |
| **80** | 83.5 | 0.35 – 0.0 | 2.65 | +0.14 -0.0 | 5.3 | 1.80 | | 2.50 | 0.00 -0.07 | **85.5** | +1.3 -0.54 | 62.0 | 66.5 | 8.5 | 7.0 | 3.0 | 21.38 | | 162000 | 53900 | |  |
| **82** | 85.5 | 0.35 – 0.0 | 2.65 | +0.14 -0.0 | 5.3 | 1.80 | | 2.50 | 0.00 -0.07 | **87.5** | +1.3 -0.54 | 64.0 | 68.5 | 8.5 | 7.0 | 3.0 | 22.27 | | 166000 | 55300 | |  |
| **85** | 88.5 | 0.35 – 0.0 | 3.15 | +0.18 -0.0 | 5.3 | 1.80 | | 3.00 | 0.00 -0.08 | **90.5** | +1.3 -0.54 | 66.8 | 71.3 | 8.6 | 7.2 | 3.5 | 31.78 | | 206000 | 57200 | |  |
| **88** | 91.5 | 0.35 – 0.0 | 3.15 | +0.18 -0.0 | 5.3 | 1.80 | | 3.00 | 0.00 -0.08 | **93.5** | +1.3 -0.54 | 69.8 | 74.3 | 8.6 | 7.4 | 3.5 | 32.94 | | 214000 | 59200 | |  |
| **90** | 93.5 | 0.35 – 0.0 | 3.15 | +0.18 -0.0 | 5.3 | 1.80 | | 3.00 | 0.00 -0.08 | **95.5** | +1.3 -0.54 | 71.8 | 76.3 | 8.6 | 7.6 | 3.5 | 33.35 | | 218000 | 60500 | |  |
| **92** | 95.5 | 0.35 – 0.0 | 3.15 | +0.18 -0.0 | 5.3 | 1.80 | | 3.00 | 0.00 -0.08 | **97.5** | +1.3 -0.54 | 73.6 | 78.1 | 8.7 | 7.8 | 3.5 | 35.72 | | 223000 | 61900 | |  |
| **95** | 98.5 | 0.35 – 0.0 | 3.15 | +0.18 -0.0 | 5.3 | 1.80 | | 3.00 | 0.00 -0.08 | **100.5** | +1.3 -0.54 | 76.4 | 80.9 | 8.8 | 8.1 | 3.5 | 38.88 | | 231000 | 63800 | |  |
| **98** | 101.5 | 0.35 – 0.0 | 3.15 | +0.18 -0.0 | 5.3 | 1.80 | | 3.00 | 0.00 -0.08 | **103.5** | +1.3 -0.54 | 79.0 | 83.5 | 9.0 | 8.3 | 3.5 | 42.16 | | 238000 | 65800 | |  |
| **100** | 103.5 | 0.35 – 0.0 | 3.15 | +0.18 -0.0 | 5.3 | 1.80 | | 3.00 | 0.00 -0.08 | **105.5** | +1.3 -0.54 | 81.0 | 85.5 | 9.0 | 8.4 | 3.5 | 43.41 | | 243000 | 67100 | |  |
| **102** | 106.0 | 0.54  - 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **108.0** | +1.3 -0.54 | 82.6 | 87.6 | 9.2 | 8.5 | 3.5 | 55.20 | | 330000 | 78400 | |  |
| **105** | 109.0 | 0.54 - 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **112.0** | +1.3 -0.54 | 85.6 | 90.6 | 9.2 | 8.7 | 3.5 | 59.20 | | 340000 | 80700 | |  |
| **108** | 112.0 | 0.54 - 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **115.0** | +1.3 -0.54 | 88.0 | 93.0 | 9.5 | 8.9 | 3.5 | 62.60 | | 350000 | 83000 | |  |
| **110** | 114.0 | 0.54 - 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **117.0** | +1.3 -0.54 | 88.2 | 93.2 | 10.4 | 9.0 | 3.5 | 71.75 | | 356000 | 84500 | |  |
| **112** | 116.0 | 0.54 - 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **119.0** | +1.3 -0.54 | 90.0 | 95.0 | 10.5 | 9.1 | 3.5 | 70.68 | | 362000 | 86000 | |  |
| **115** | 119.0 | 0.54 - 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **122.0** | +1.5 -0.63 | 93.0 | 98.0 | 10.5 | 9.3 | 3.5 | 73.16 | | 372000 | 88200 | |  |
| **120** | 124.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **127.0** | +1.5 -0.63 | 97.0 | 102.0 | 11.0 | 9.7 | 3.5 | 80.40 | | 388000 | 92000 | |  |
| **125** | 129.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **132.0** | +1.5 -0.63 | 102.0 | 107.0 | 11.0 | 10.0 | 4.0 | 81.20 | | 405000 | 95800 | |  |
| **127** | 131.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **135.0** | +1.5 -0.63 | 104.0 | 109.0 | 11.0 | 10.1 | 4.0 | 80.80 | | 411000 | 97300 | |  |
| **130** | 134.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **137.0** | +1.5 -0.63 | 107.0 | 112.0 | 11.0 | 10.2 | 4.0 | 85.13 | | 421000 | 99500 | |  |
| **135** | 139.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **142.0** | +1.5 -0.63 | 112.0 | 116.0 | 11.2 | 10.5 | 4.0 | 94.79 | | 437000 | 103000 | |  |
| **140** | 144.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **147.0** | +1.5 -0.63 | 117.0 | 121.0 | 11.2 | 10.7 | 4.0 | 98.61 | | 453000 | 107000 | |  |
| **145** | 149.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 6.0 | 2.00 | | 4.00 | 0.00 -0.10 | **152.0** | +1.5 -0.63 | 122.0 | 126.0 | 11.4 | 10.9 | 4.0 | 106.50 | | 496000 | 111000 | |  |
| **150** | 155.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 7.5 | 2.50 | | 4.00 | 0.00 -0.10 | **158.0** | +1.5 -0.63 | 125.0 | 131.0 | 12.0 | 11.2 | 4.0 | 106.80 | | 485000 | 144000 | |  |
| **155** | 160.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 7.5 | 2.50 | | 4.00 | 0.00 -0.10 | **164.0** | +1.5 -0.63 | 130.0 | 136.0 | 12.0 | 11.4 | 4.0 | 128.00 | | 502000 | 148000 | |  |
| **160** | 165.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 7.5 | 2.50 | | 4.00 | 0.00 -0.10 | **169.0** | +1.5 -0.63 | 133.0 | 139.0 | 13.0 | 11.6 | 4.0 | 130.50 | | 518000 | 153000 | |  |
| **165** | 170.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 7.5 | 2.50 | | 4.00 | 0.00 -0.10 | **174.5** | +1.5 -0.63 | 138.0 | 144.0 | 13.0 | 11.8 | 4.0 | 132.00 | | 534000 | 158000 | |  |
| **170** | 175.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 7.5 | 2.50 | | 4.00 | 0.00 -0.10 | **179.5** | +1.5 -0.63 | 145.0 | 150.0 | 13.5 | 12.2 | 4.0 | 149.50 | | 550000 | 163000 | |  |
| **175** | 180.0 | 0.63 – 0.0 | 4.15 | +0.18 -0.0 | 7.5 | 2.50 | | 4.00 | 0.00 -0.10 | **184.5** | +1.7 -0.72 | 149.0 | 155.0 | 13.5 | 12.7 | 4.0 | 158.50 | | 566000 | 167000 | |  |
| **180** | 185.0 | 0.72 – 0.0 | 4.15 | +0.18 -0.0 | 7.5 | 2.50 | | 4.00 | 0.00 -0.10 | **189.5** | +1.7 -0.72 | 153.0 | 158.0 | 14.2 | 13.2 | 4.0 | 168.00 | | 583000 | 172000 | |  |
| **185** | 190.0 | 0.72 – 0.0 | 4.15 | +0.18 -0.0 | 7.5 | 2.50 | | 4.00 | 0.00 -0.10 | **194.5** | +1.7 -0.72 | 157.0 | 162.0 | 14.2 | 13.7 | 4.0 | 177.50 | | 599000 | 177000 | |  |
| **190** | 195.0 | 0.72 – 0.0 | 4.15 | +0.18 -0.0 | 7.5 | 2.50 | | 4.00 | 0.00 -0.10 | **199.5** | +1.7 -0.72 | 162.0 | 167.0 | 14.3 | 13.8 | 4.0 | 184.00 | | 615000 | 181000 | |  |
| **195** | 200.0 | 0.72 – 0.0 | 4.15 | +0.18 -0.0 | 7.5 | 2.50 | | 4.00 | 0.00 -0.10 | **204.5** | +1.7 -0.72 | 167.0 | 172.0 | 14.2 | 13.8 | 4.0 | 189.60 | | 631000 | 186000 | |  |
| **200** | 205.0 | 0.72 – 0.0 | 4.15 | +0.18 -0.0 | 7.5 | 2.50 | | 4.00 | 0.00 -0.10 | **209.5** | +1.7 -0.72 | 171.0 | 177.0 | 14.3 | 14.0 | 4.0 | 196.00 | | 647000 | 191000 | |  |
| **210** | 216.0 | 0.72 – 0.0 | 5.15 | +0.18 -0.0 | 9.0 | 3.00 | | 5.00 | 0.00 -0.12 | **222.0** | +1.7 -0.72 | 181.0 | 188.0 | 14.2 | 14.0 | 4.0 | 263.00 | | 739000 | 241000 | |  |
| **220** | 226.0 | 0.72 – 0.0 | 5.15 | +0.18 -0.0 | 9.0 | 3.00 | | 5.00 | 0.00 -0.12 | **232.0** | +1.7 -0.72 | 191.0 | 198.0 | 14.2 | 14.0 | 4.0 | 276.00 | | 774000 | 252000 | |  |
| **230** | 236.0 | 0.72 – 0.0 | 5.15 | +0.18 -0.0 | 9.0 | 3.00 | | 5.00 | 0.00 -0.12 | **242.0** | +1.7 -0.72 | 201.0 | 208.0 | 14.2 | 14.0 | 4.0 | 291.00 | | 809000 | 264000 | |  |
| **240** | 246.0 | 0.72 – 0.0 | 5.15 | +0.18 -0.0 | 9.0 | 3.00 | | 5.00 | 0.00 -0.12 | **252.0** | +2.0 -0.81 | 211.0 | 218.0 | 14.2 | 14.0 | 4.0 | 304.00 | | 845000 | 275000 | |  |
| **250** | 256.0 | 0.81 – 0.0 | 5.15 | +0.18 -0.0 | 9.0 | 3.00 | | 5.00 | 0.00 -0.12 | **262.0** | +2.0 -0.81 | 221.0 | 228.0 | 14.2 | 14.0 | 4.0 | 318.50 | | 880000 | 286000 | |  |
| **260** | 268.0 | 0.81 – 0.0 | 5.15 | +0.18 -0.0 | 12.0 | 4.00 | | 5.00 | 0.00 -0.12 | **275.0** | +2.0 -0.81 | 227.0 | 236.0 | 16.2 | 16.0 | 5.0 | 385.00 | | 915000 | 398000 | |  |
| **270** | 278.0 | 0.81 – 0.0 | 5.15 | +0.18 -0.0 | 12.0 | 4.00 | | 5.00 | 0.00 -0.12 | **285.0** | +2.0 -0.81 | 237.0 | 246.0 | 16.2 | 16.0 | 5.0 | 401.50 | | 950000 | 413000 | |  |
| **280** | 288.0 | 0.81 – 0.0 | 5.15 | +0.18 -0.0 | 12.0 | 4.00 | | 5.00 | 0.00 -0.12 | **295.0** | +2.0 -0.81 | 247.0 | 256.0 | 16.2 | 16.0 | 5.0 | 417.50 | | 985000 | 428000 | |  |
| **290** | 298.0 | 0.81 – 0.0 | 5.15 | +0.18 -0.0 | 12.0 | 4.00 | | 5.00 | 0.00 -0.12 | **305.0** | +2.0 -0.81 | 257.0 | 266.0 | 16.2 | 16.0 | 5.0 | 433.40 | | 1020000 | 443000 | |  |
| **300** | 308.0 | 0.81 – 0.0 | 5.15 | +0.18 -0.0 | 12.0 | 4.00 | | 5.00 | 0.00 -0.12 | **315.0** | +2.0 -0.81 | 267.0 | 276.0 | 16.2 | 16.0 | 5.0 | 446.00 | | 1060000 | 458000 | |  |
| **310** | 320.0 | 0.89 – 0.0 | 6.20 | +0.22 -0.0 | 15.0 | 5.00 | | 6.00 | 0.00 -0.15 | **327.0** | +2.5 -1.0 | 271.0 | 282.0 | 20.2 | 20.0 | 6.0 | 658.50 | | 1310000 | 594000 | |  |
| **320** | 330.0 | 0.89 – 0.0 | 6.20 | +0.22 -0.0 | 15.0 | 5.00 | | 6.00 | 0.00 -0.15 | **337.0** | +2.5 -1.0 | 281.0 | 292.0 | 20.2 | 20.0 | 6.0 | 682.00 | | 1350000 | 613000 | |  |
| **330** | 340.0 | 0.89 – 0.0 | 6.20 | +0.22 -0.0 | 15.0 | 5.00 | | 6.00 | 0.00 -0.15 | **347.0** | +2.5 -1.0 | 291.0 | 302.0 | 20.2 | 20.0 | 6.0 | 705.00 | | 1390000 | 632000 | |  |
| **340** | 350.0 | 0.89 – 0.0 | 6.20 | +0.22 -0.0 | 15.0 | 5.00 | | 6.00 | 0.00 -0.15 | **357.0** | +2.5 -1.0 | 301.0 | 312.0 | 20.2 | 20.0 | 6.0 | 729.00 | | 1440000 | 650000 | |  |
| **350** | 360.0 | 0.89 – 0.0 | 6.20 | +0.22 -0.0 | 15.0 | 5.00 | | 6.00 | 0.00 -0.15 | **367.0** | +2.5 -1.0 | 311.0 | 322.0 | 20.2 | 20.0 | 6.0 | 752.50 | | 1480000 | 669000 | |  |
| **360** | 370.0 | 0.89 – 0.0 | 6.20 | +0.22 -0.0 | 15.0 | 5.00 | | 6.00 | 0.00 -0.15 | **377.0** | +2.5 -1.0 | 321.0 | 332.0 | 20.2 | 20.0 | 6.0 | 769.00 | | 1520000 | 688000 | |  |
| **370** | 380.0 | 0.89 – 0.0 | 6.20 | +0.22 -0.0 | 15.0 | 5.00 | | 6.00 | 0.00 -0.15 | **387.0** | +2.5 -1.0 | 331.0 | 342.0 | 20.2 | 20.0 | 6.0 | 793.00 | | 1560000 | 707000 | |  |
| **380** | 390.0 | 0.89 – 0.0 | 6.20 | +0.22 -0.0 | 15.0 | 5.00 | | 6.00 | 0.00 -0.15 | **397.0** | +2.5 -1.0 | 341.0 | 352.0 | 20.2 | 20.0 | 6.0 | 817.00 | | 1690000 | 726000 | |  |
| **390** | 400.0 | 0.89 – 0.0 | 6.20 | +0.22 -0.0 | 15.0 | 5.00 | | 6.00 | 0.00 -0.15 | **407.0** | +2.5 -1.0 | 351.0 | 362.0 | 20.2 | 20.0 | 6.0 | 838.50 | | 1646000 | 745000 | |  |
| **400** | 410.0 | 1.00 – 0.0 | 6.20 | +0.22 -0.0 | 15.0 | 5.00 | | 6.00 | 0.00 -0.15 | **417.0** | +2.5 -1.0 | 361.0 | 372.0 | 20.2 | 20.0 | 6.0 | 862.50 | | 1689000 | 764000 | |  |
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