

# MOULDED GRATING **CUTTING GUIDE**

GRP AUSTRALIA | 2026

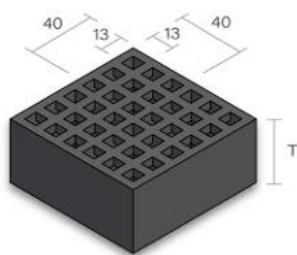
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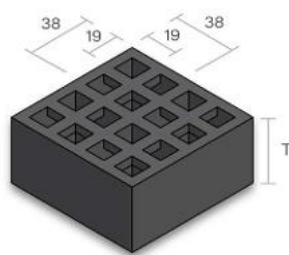
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## 1.0 OVERVIEW

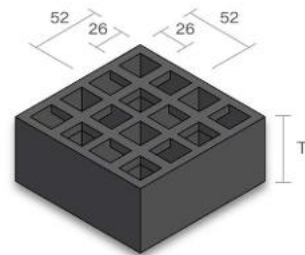
FRP Moulded Grating is a versatile product that can be produced in a variety of sizes & thicknesses however, they are generally stocked in standard panel sizes that can be cut to suit project specific requirements. FRP panels can be cut to precise measurements, though it is advised that they are cut to a length that leaves no open ends. This brochure presents closed end lengths for the following moulded grating types:



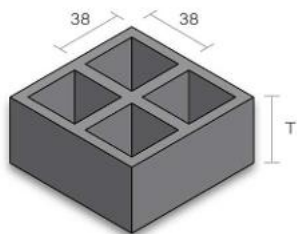
**HEEL GUARD**  
13x13 / 40x40



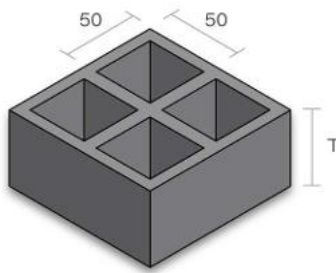
**MINI MESH**  
19x19 / 38x38



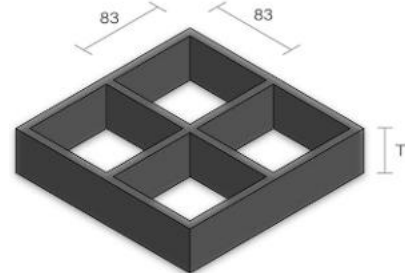
**AGRI MESH**  
26x26 / 52x52



**STANDARD**  
38x38



**STANDARD**  
50x50



**STANDARD**  
83x83

### Direction of Use

While GRP Australia offers cutting services, clients who wish to do it themselves are encouraged to follow this guide in addition to the Fabrication Brochure. Depending on the application, open ended cuts are likely to result in fiber damage. When cutting moulded grating, use these tables as a guide to ensure closed end features. GRP Australia recommends adjusting length requirements to suit closed end cuts where possible. Refer to panel diagrams for more details.

### Benefits of FRP Moulded Grating



**Cost  
Competitive**



**Non-corrosive  
& rot resistant**



**As strong as  
steel**



**Termite &  
vermin proof**



**High fire  
resistance**



**UV  
Stabilised**



**Lightweight &  
easy to lift**

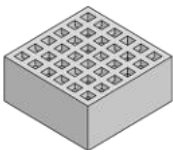
# MOULDED GRATING

## CUTTING GUIDE

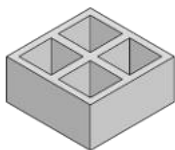
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### 2.0 13x13 | HEEL GUARD

Heel Guard Moulded Grating is perfect for commercial and residential applications, including outdoor patios, pool areas, and walkways, where slip resistance and safety are essential.



13x13 / 40x40  
TOP VIEW



13x13 / 40x40  
UNDERSIDE VIEW

**Hole Apperture:** 8mm

**Open Rate:** 30%

**Overall Tolerance:**  $\pm 3$ mm

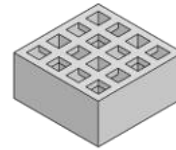


*\*Table only shows the dimensions for closed end cut dimensions for major bars*

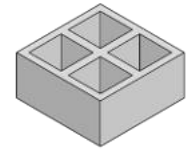
| NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) |
|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
| 1         | 47               | 27        | 1087             | 53        | 2127             | 79        | 3167             |
| 2         | 87               | 28        | 1127             | 54        | 2167             | 80        | 3207             |
| 3         | 127              | 29        | 1167             | 55        | 2207             | 81        | 3247             |
| 4         | 167              | 30        | 1207             | 56        | 2247             | 82        | 3287             |
| 5         | 207              | 31        | 1247             | 57        | 2287             | 83        | 3327             |
| 6         | 247              | 32        | 1287             | 58        | 2327             | 84        | 3367             |
| 7         | 287              | 33        | 1327             | 59        | 2367             | 85        | 3407             |
| 8         | 327              | 34        | 1367             | 60        | 2407             | 86        | 3447             |
| 9         | 367              | 35        | 1407             | 61        | 2447             | 87        | 3487             |
| 10        | 407              | 36        | 1447             | 62        | 2487             | 88        | 3527             |
| 11        | 447              | 37        | 1487             | 63        | 2527             | 89        | 3567             |
| 12        | 487              | 38        | 1527             | 64        | 2567             | 90        | 3607             |
| 13        | 527              | 39        | 1567             | 65        | 2607             | 91        | 3647             |
| 14        | 567              | 40        | 1607             | 66        | 2647             | 92        | 3687             |
| 15        | 607              | 41        | 1647             | 67        | 2687             | 93        | 3727             |
| 16        | 647              | 42        | 1687             | 68        | 2727             | 94        | 3767             |
| 17        | 687              | 43        | 1727             | 69        | 2767             | 95        | 3807             |
| 18        | 727              | 44        | 1767             | 70        | 2807             | 96        | 3847             |
| 19        | 767              | 45        | 1807             | 71        | 2847             | 97        | 3887             |
| 20        | 807              | 46        | 1847             | 72        | 2887             | 98        | 3927             |
| 21        | 847              | 47        | 1887             | 73        | 2927             | 99        | 3967             |
| 22        | 887              | 48        | 1927             | 74        | 2967             | 100       | 4007             |
| 23        | 927              | 49        | 1967             | 75        | 3007             | 101       | 4047             |
| 24        | 967              | 50        | 2007             | 76        | 3047             |           |                  |
| 25        | 1007             | 51        | 2047             | 77        | 3087             |           |                  |
| 26        | 1047             | 52        | 2087             | 78        | 3127             |           |                  |
|           |                  |           |                  |           |                  |           |                  |

### 3.0 19x19 | MINI MESH

Minimesh Grating is an ideal solution for commercial and marine applications such as boardwalks, pontoons, and marina walkways, where exposure to water and harsh environmental conditions demands durability & slip resistance.



19x19 / 38x38  
TOP VIEW



19x19 / 38x38  
UNDERSIDE VIEW

**Hole Aperture:** 13mm

**Open Rate:** 40%

**Overall Tolerance:** ± 3mm



| NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) |
|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
| 1         | 26 MIN           | 27        | 521              | 53        | 1015             | 79        | 1512             |
| 2         | 45 MAJ           | 28        | 541              | 54        | 1036             | 80        | 1531             |
| 3         | 68               | 29        | 560              | 55        | 1055             | 81        | 1550             |
| 4         | 85               | 30        | 579              | 56        | 1074             | 82        | 1570             |
| 5         | 104              | 31        | 598              | 57        | 1093             | 83        | 1589             |
| 6         | 123              | 32        | 616              | 58        | 1111             | 84        | 1604             |
| 7         | 140              | 33        | 636              | 59        | 1131             | 85        | 1626             |
| 8         | 160              | 34        | 655              | 60        | 1150             | 86        | 1645             |
| 9         | 180              | 35        | 674              | 61        | 1169             | 87        | 1664             |
| 10        | 200              | 36        | 693              | 62        | 1188             | 88        | 1684             |
| 11        | 217              | 37        | 711              | 63        | 1207             | 89        | 1702             |
| 12        | 236              | 38        | 731              | 64        | 1226             | 90        | 1721             |
| 13        | 255              | 39        | 750              | 65        | 1245             | 91        | 1740             |
| 14        | 275              | 40        | 769              | 66        | 1265             | 92        | 1759             |
| 15        | 293              | 41        | 788              | 67        | 1283             | 93        | 1778             |
| 16        | 312              | 42        | 807              | 68        | 1303             | 94        | 1797             |
| 17        | 331              | 43        | 826              | 69        | 1321             | 95        | 1817             |
| 18        | 351              | 44        | 845              | 70        | 1341             | 96        | 1836             |
| 19        | 369              | 45        | 864              | 71        | 1359             | 97        | 1855             |
| 20        | 388              | 46        | 883              | 72        | 1379             | 98        | 1874             |
| 21        | 407              | 47        | 902              | 73        | 1398             | 99        | 1893             |
| 22        | 426              | 48        | 921              | 74        | 1417             | 100       | 1912             |
| 23        | 445              | 49        | 941              | 75        | 1436             | 101       | 1931             |
| 24        | 464              | 50        | 960              | 76        | 1455             | 102       | 1950             |
| 25        | 483              | 51        | 978              | 77        | 1474             | 103       | 1969             |
| 26        | 503              | 52        | 998              | 78        | 1493             | 104       | 1988             |

# MOULDED GRATING

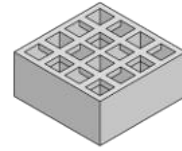
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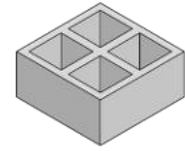
| NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) |
|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
| 105       | 2007 MIN         | 131       | 2503             | 157       | 2998             | 183       | 3493             |
| 106       | 2026 MAJ         | 132       | 2521             | 158       | 3017             | 184       | 3512             |
| 107       | 2045             | 133       | 2541             | 159       | 3036             | 185       | 3531             |
| 108       | 2064             | 134       | 2560             | 160       | 3055             | 186       | 3550             |
| 109       | 2083             | 135       | 2579             | 161       | 3074             | 187       | 3569             |
| 110       | 2102             | 136       | 2598             | 162       | 3093             | 188       | 3588             |
| 111       | 2121             | 137       | 2617             | 163       | 3112             | 189       | 3607             |
| 112       | 2140             | 138       | 2636             | 164       | 3131             | 190       | 3626             |
| 113       | 2159             | 139       | 2655             | 165       | 3150             | 191       | 3646             |
| 114       | 2179             | 140       | 2674             | 166       | 3169             | 192       | 3665             |
| 115       | 2197             | 141       | 2693             | 167       | 3188             |           |                  |
| 116       | 2217             | 142       | 2712             | 168       | 3207             |           |                  |
| 117       | 2236             | 143       | 2731             | 169       | 3226             |           |                  |
| 118       | 2254             | 144       | 2750             | 170       | 3245             |           |                  |
| 119       | 2274             | 145       | 2769             | 171       | 3265             |           |                  |
| 120       | 2293             | 146       | 2788             | 172       | 3284             |           |                  |
| 121       | 2312             | 147       | 2807             | 173       | 3303             |           |                  |
| 122       | 2321             | 148       | 2826             | 174       | 3322             |           |                  |
| 123       | 2350             | 149       | 2845             | 175       | 3341             |           |                  |
| 124       | 2369             | 150       | 2864             | 176       | 3360             |           |                  |
| 125       | 2388             | 151       | 2881             | 177       | 3379             |           |                  |
| 126       | 2407             | 152       | 2903             | 178       | 3398             |           |                  |
| 127       | 2426             | 153       | 2922             | 179       | 3417             |           |                  |
| 128       | 2445             | 154       | 2941             | 180       | 3436             |           |                  |
| 129       | 2464             | 155       | 2960             | 181       | 3455             |           |                  |
| 130       | 2483             | 156       | 2979             | 182       | 3474             |           |                  |

## 4.0 26x26 | AGRI MESH

Agri Mesh Moulded Grating offers a durable, lightweight, & corrosion-resistant solution for various agricultural applications. Ideal for use in livestock areas, drainage systems, walkways, and other environments exposed to harsh conditions.



26x26 / 52x52  
TOP VIEW



26x26 / 52x52  
UNDERSIDE VIEW

**Hole Aperture:** 19mm

**Open Rate:** 60%

**Overall Tolerance:**  $\pm 3$ mm



| NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) |
|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
| 1         | 33 MIN           | 27        | 709              | 53        | 1385             | 79        | 2061             |
| 2         | 59 MAJ           | 28        | 735              | 54        | 1411             | 80        | 2087             |
| 3         | 85               | 29        | 761              | 55        | 1437             | 81        | 2113             |
| 4         | 111              | 30        | 787              | 56        | 1463             | 82        | 2139             |
| 5         | 137              | 31        | 813              | 57        | 1489             | 83        | 2165             |
| 6         | 163              | 32        | 839              | 58        | 1512             | 84        | 2191             |
| 7         | 189              | 33        | 865              | 59        | 1540             | 85        | 2217             |
| 8         | 215              | 34        | 891              | 60        | 1567             | 86        | 2243             |
| 9         | 241              | 35        | 917              | 61        | 1593             | 87        | 2269             |
| 10        | 267              | 36        | 943              | 62        | 1619             | 88        | 2295             |
| 11        | 293              | 37        | 969              | 63        | 1645             | 89        | 2321             |
| 12        | 319              | 38        | 995              | 64        | 1671             | 90        | 2347             |
| 13        | 345              | 39        | 1021             | 65        | 1697             | 91        | 2373             |
| 14        | 371              | 40        | 1047             | 66        | 1723             | 92        | 2399             |
| 15        | 397              | 41        | 1073             | 67        | 1749             | 93        | 2425             |
| 16        | 423              | 42        | 1099             | 68        | 1775             | 94        | 2451             |
| 17        | 449              | 43        | 1125             | 69        | 1801             | 95        | 2477             |
| 18        | 475              | 44        | 1151             | 70        | 1827             | 96        | 2503             |
| 19        | 501              | 45        | 1177             | 71        | 1853             | 97        | 2529             |
| 20        | 527              | 46        | 1203             | 72        | 1879             | 98        | 2555             |
| 21        | 553              | 47        | 1229             | 73        | 1905             | 99        | 2581             |
| 22        | 579              | 48        | 1255             | 74        | 1931             | 100       | 2607             |
| 23        | 605              | 49        | 1281             | 75        | 1957             | 101       | 2633             |
| 24        | 631              | 50        | 1307             | 76        | 1983             | 102       | 2659             |
| 25        | 657              | 51        | 1333             | 77        | 2009             | 103       | 2685             |
| 26        | 683              | 52        | 1359             | 78        | 2035             | 104       | 2711             |

# MOULDED GRATING

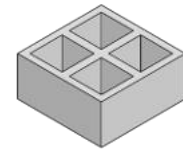
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| NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) |
|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
| 105       | 2737 MIN         | 121       | 3153             | 137       | 3569             | 153       | 3985             |
| 106       | 2763 MAJ         | 122       | 3173             | 138       | 3597             | 154       | 4012             |
| 107       | 2789             | 123       | 3205             | 139       | 3621             | 155       | 4037             |
| 108       | 2815             | 124       | 3231             | 140       | 3647             | 156       | 4053             |
| 109       | 2841             | 125       | 3257             | 141       | 3673             |           |                  |
| 110       | 2867             | 126       | 3283             | 142       | 3699             |           |                  |
| 111       | 2893             | 127       | 3309             | 143       | 3725             |           |                  |
| 112       | 2919             | 128       | 3335             | 144       | 3751             |           |                  |
| 113       | 2945             | 129       | 3361             | 145       | 3777             |           |                  |
| 114       | 2971             | 130       | 3387             | 146       | 3803             |           |                  |
| 115       | 2997             | 131       | 3413             | 147       | 3829             |           |                  |
| 116       | 3023             | 132       | 3439             | 148       | 3855             |           |                  |
| 117       | 3049             | 133       | 3465             | 149       | 3881             |           |                  |
| 118       | 3075             | 134       | 3491             | 150       | 3907             |           |                  |
| 119       | 3101             | 135       | 3517             | 151       | 3933             |           |                  |
| 120       | 3127             | 136       | 3543             | 152       | 3959             |           |                  |

## 5.0 38x38 | STANDARD

Standard Grating is a durable, corrosion-resistant solution commonly used in harsh industrial environments, including wastewater treatment plants, chemical processing facilities, and offshore platforms.



**38x38  
TOP VIEW**

**Hole Aperture:** 33mm

**Open Rate:** 56-78%

**Overall Tolerance:**  $\pm 3\text{mm}$



| NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) |
|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
| 1         | 45               | 28        | 1074             | 55        | 2103             | 82        | 3131             |
| 2         | 83               | 29        | 1112             | 56        | 2141             | 83        | 3169             |
| 3         | 121              | 30        | 1150             | 57        | 2179             | 84        | 3207             |
| 4         | 159              | 31        | 1188             | 58        | 2217             | 85        | 3246             |
| 5         | 198              | 32        | 1226             | 59        | 2255             | 86        | 3284             |
| 6         | 236              | 33        | 1264             | 60        | 2293             | 87        | 3322             |
| 7         | 274              | 34        | 1302             | 61        | 2331             | 88        | 3360             |
| 8         | 312              | 35        | 1341             | 62        | 2369             | 89        | 3398             |
| 9         | 350              | 36        | 1379             | 63        | 2407             | 90        | 3436             |
| 10        | 388              | 37        | 1417             | 64        | 2445             | 91        | 3474             |
| 11        | 426              | 38        | 1455             | 65        | 2484             | 92        | 3512             |
| 12        | 464              | 39        | 1493             | 66        | 2522             | 93        | 3550             |
| 13        | 502              | 40        | 1531             | 67        | 2560             | 94        | 3588             |
| 14        | 540              | 41        | 1569             | 68        | 2598             | 95        | 3627             |
| 15        | 579              | 42        | 1607             | 69        | 2636             | 96        | 3665             |
| 16        | 617              | 43        | 1645             | 70        | 2674             | 97        | 3683             |
| 17        | 655              | 44        | 1683             | 71        | 2712             | 98        | 3702             |
| 18        | 693              | 45        | 1722             | 72        | 2750             | 99        | 3740             |
| 19        | 731              | 46        | 1760             | 73        | 2788             | 100       | 3778             |
| 20        | 769              | 47        | 1798             | 74        | 2826             | 101       | 3817             |
| 21        | 807              | 48        | 1836             | 75        | 2865             | 102       | 3855             |
| 22        | 845              | 49        | 1874             | 76        | 2903             | 103       | 3893             |
| 23        | 883              | 50        | 1912             | 77        | 2941             | 104       | 3931             |
| 24        | 921              | 51        | 1950             | 78        | 2979             | 105       | 3969             |
| 25        | 960              | 52        | 1988             | 79        | 3017             | 106       | 4010             |
| 26        | 998              | 53        | 2026             | 80        | 3055             |           |                  |
| 27        | 1036             | 54        | 2064             | 81        | 3093             |           |                  |

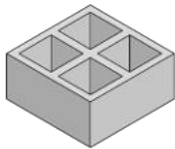
# MOULDED GRATING

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### 6.0 50x50 | STANDARD

50x50 Standard Grating is a durable, corrosion-resistant solution commonly used in harsh industrial environments, including wastewater treatment plants, chemical processing facilities, and offshore platforms.



50x50  
TOP VIEW

**Hole Apperture:** 44mm

**Open Rate:** 78-82%

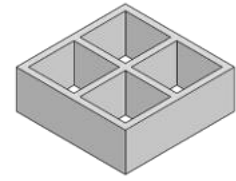
**Overall Tolerance:** ± 3mm



| NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) |
|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
| 1         | 57               | 21        | 1073             | 41        | 2088             | 61        | 3104             |
| 2         | 108              | 22        | 1123             | 42        | 2139             | 62        | 3155             |
| 3         | 159              | 23        | 1174             | 43        | 2190             | 63        | 3205             |
| 4         | 210              | 24        | 1225             | 44        | 2241             | 64        | 3256             |
| 5         | 260              | 25        | 1276             | 45        | 2291             | 65        | 3307             |
| 6         | 311              | 26        | 1327             | 46        | 2342             | 66        | 3358             |
| 7         | 362              | 27        | 1377             | 47        | 2393             | 67        | 3408             |
| 8         | 412              | 28        | 1428             | 48        | 2444             | 68        | 3459             |
| 9         | 463              | 29        | 1479             | 49        | 2494             | 69        | 3510             |
| 10        | 514              | 30        | 1530             | 50        | 2545             | 70        | 3561             |
| 11        | 565              | 31        | 1580             | 51        | 2596             | 71        | 3612             |
| 12        | 616              | 32        | 1631             | 52        | 2647             | 72        | 3662             |
| 13        | 666              | 33        | 1682             | 53        | 2698             | 73        | 3713             |
| 14        | 717              | 34        | 1733             | 54        | 2748             | 74        | 3764             |
| 15        | 768              | 35        | 1784             | 55        | 2799             | 75        | 3815             |
| 16        | 819              | 36        | 1834             | 56        | 2850             | 76        | 3866             |
| 17        | 869              | 37        | 1885             | 57        | 2901             | 77        | 3916             |
| 18        | 920              | 38        | 1936             | 58        | 2951             | 78        | 3967             |
| 19        | 971              | 39        | 1987             | 59        | 3002             | 79        | 4020             |
| 20        | 1022             | 40        | 2037             | 60        | 3053             |           |                  |

## 7.0 83x83 | STANDARD

83x83 Moulded Grating is a lightweight, corrosion-resistant, and slip-resistant solution ideal for commercial and architectural applications. It is commonly used in facade designs, sunshades, balcony enclosures, rooftop access areas, and decorative structures, offering durability, weather resistance, and aesthetic versatility.



**83x83  
TOP VIEW**

**Hole Aperture:** 76mm

**Open Rate:** 84%

**Overall Tolerance:**  $\pm 3$ mm



| NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) | NO. HOLES | CLOSED ENDS (mm) |
|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
| 1         | 90               | 15        | 1247             | 29        | 2424             | 43        | 3591             |
| 2         | 173              | 16        | 1340             | 30        | 2507             | 44        | 3674             |
| 3         | 257              | 17        | 1424             | 31        | 2590             | 45        | 3757             |
| 4         | 340              | 18        | 1507             | 32        | 2674             | 46        | 3841             |
| 5         | 423              | 19        | 1590             | 33        | 2757             | 47        | 3924             |
| 6         | 507              | 20        | 1674             | 34        | 2841             | 48        | 4007             |
| 7         | 590              | 21        | 1757             | 35        | 2924             |           |                  |
| 8         | 673              | 22        | 1840             | 36        | 3007             |           |                  |
| 9         | 757              | 23        | 1924             | 37        | 3091             |           |                  |
| 10        | 840              | 24        | 2007             | 38        | 3174             |           |                  |
| 11        | 924              | 25        | 2090             | 39        | 3257             |           |                  |
| 12        | 1007             | 26        | 2174             | 40        | 3341             |           |                  |
| 13        | 1090             | 27        | 2257             | 41        | 3424             |           |                  |
| 14        | 1174             | 28        | 2340             | 42        | 3507             |           |                  |



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