## Interlocking Puzzles Burr Set \#2



Made by Interlocking Puzzles 2000. ( $6.6 \times 5.75 \times 3.2$ inch wood box with 42 wood pieces, each $3 / 4 \times 3 / 4 \times 2.25$ inches)
35 distinct notchable $2 \times 2 \times 6$ unit pieces, indexed with numbers in the range 0 to 56 (as shown above), a total of 42 pieces including duplicates, which can be used to assemble most of the level 5 standard 6-piece burrs. Uses David Winkler's numbering. Four puzzle and clue cards that list the pieces in order from A to F according to the diagram above.

|  |  |  |  |  |  | tion |  |  |  |  |  |  | Clue | A | B | C | D | E | F |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 001 | 0 | 0 | 7 | 28 | 4046 | 022 | 0 | 0 | 5 |  | 28 | 53 | 001 | 7 | 28 | 0 | 40 | 46 | 0 |
| 002 | 0 | 0 | 7 | 284 | 4653 | 023 | 0 | 0 | 7 | 21 | 32 | 40 | 002 | 7 | 28 | 0 | 53 | 46 | 0 |
| 003 | 1 | 4 | 23 | 23 | 2944 | 024 | 0 | 1 | 2 | 4 | 23 | 44 | 003 | , | 4 | 23 | 29 | 44 | 23 |
| 004 | 3 | 7 | 19 | 323 | 3238 | 025 | 0 | 1 | 3 | 19 | 32 | 38 | 004 | 3 | 32 | 32 | 38 | 19 | 7 |
| 005 | 1 | 7 | 24 | 252 | 2840 | 026 | 0 | 1 | 4 | 23 | 29 | 44 | 005 | 1 | 28 | 24 | 40 | 25 | 7 |
| 006 | 1 | 7 | 28 | 333 | 3453 | 027 | 0 | 1 | 9 | 19 | 32 | 38 | 006 | 1 | 7 | 53 | 34 | 33 | 28 |
| 007 | 1 | 7 | 23 | 25 | 2528 | 028 | 0 | 2 | 4 | 23 | 28 | 44 | 007 | 1 | 7 | 23 | 25 | 25 | 28 |
| 008 | 0 | 0 | 2 | 7 | 4049 | 029 | 0 | 3 | 7 | 19 | 32 | 38 | 008 | 2 | 0 | 7 | 49 | 0 | 40 |
| 009 | 0 | 0 | 3 | 102 | 2853 | 030 | 0 | 0 | 4 | 7 | 23 | 56 | 009 | 3 | 0 | 10 | 28 | 0 | 53 |
| 010 | 0 | 0 | 1 | 253 | 3540 | 031 | 0 | 0 | 19 | 28 | 32 | 56 | 010 | 1 | 35 | 0 | 40 | 25 | 0 |
| 11 | 0 | 0 | 1 | 333 | 3553 | 032 | 1 | 2 | 4 | 23 | 32 | 44 | 011 | 1 | 35 | 53 | 0 | 33 | 0. |
| 012 | 1 | 5 | 7 | 73 | 3340 | 033 | 1 | 3 | 19 | 23 | 32 | 38 | 012 | 1 | 7 | 33 | 40 | 5 | 7 |
| 013 | 1 | 5 | 25 | 28 | 2853 | 034 | 0 | 0 | 4 | 23 | 28 | 56 | 013 | 1 | 28 | 53 | 25 | 5 | 28 |
| 014 | 1 | 6 | 7 | 7 | 3340 | 035 | 0 | 0 | 7 | 19 | 32 | 56 | 014 | 1 | 7 | 33 | 40 | 6 | 7 |
| 015 | 1 | 6 | 25 | 28 | $28 \quad 53$ | 036 | 0 | 0 | 4 | 28 | 32 | 40 | 015 | 1 | 28 | 53 | 25 | 6 | 28 |
| 016 | 1 | 7 | 7 | 203 | 3340 | 037 | 0 | 0 | 7 | 19 | 23 | 53 | 016 | 1 | 7 | 33 | 40 | 20 | 7 |
| 017 | 1 | 7 | 7 | 21 | 3340 | 038 | 0 | 0 | 4 | 23 | 35 | 40 | 017 | 1 | 7 | 33 | 40 | 21 | 7 |
| 018 | 1 | 7 | 7 | 22 | 3340 | 039 | 0 | 0 | 19 | 32 | 35 | 53 | 018 | 1 | 7 | 33 | 40 | 22 | 7 |
| 019 | 1 | 20 | 25 | 28 | 2853 | 040 | 0 | 0 | 5 | 8 | 23 | 35 | 019 | 1 | 28 | 53 | 25 | 20 | 28 |
| 020 | 1 | 21 | 25 | 28 | 2853 | 041 | 0 | 0 | 21 | 30 | 32 | 35 | 020 |  | 28 | 53 | 25 | 21 | 28 |
| 021 | 1 | 22 | 25 | 28 | 2853 | 042 | 0 | 0 | 4 | 8 | 21 | 35 | 021 | 1 | 28 | 53 | 25 | 22 | 28 |

## 2. Puzzie Description

| 043 | 0 | 0 | 4 | 21 | 30 | 35 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 044 | 0 | 0 | 5 | 8 | 19 | 35 |
| 045 | 0 | 0 | 5 | 19 | 30 | 35 |
| 046 | 0 | 0 | 7 | 8 | 35 | 46 |
| 047 | 0 | 0 | 28 | 30 | 35 | 46 |
| 048 | 0 | 0 | 2 | 30 | 35 | 49 |
| 049 | 0 | 0 | 3 | 8 | 10 | 35 |
| 050 | 0 | 0 | 2 | 8 | 23 | 35 |
| 051 | 0 | 0 | 3 | 30 | 32 | 35 |
| 052 | 1 | 9 | 19 | 32 | 32 | 38 |
| 053 | 2 | 4 | 23 | 23 | 28 | 44 |
| 054 | 0 | 1 | 8 | 10 | 35 | 39 |
| 055 | 0 | 1 | 8 | 26 | 35 | 39 |
| 056 | 0 | 1 | 8 | 35 | 39 | 49 |
| 057 | 0 | 1 | 10 | 30 | 35 | 45 |
| 058 | 0 | 1 | 26 | 30 | 35 | 45 |
| 059 | 0 | 1 | 30 | 35 | 45 | 49 |
| 060 | 0 | 1 | 8 | 10 | 35 | 46 |
| 061 | 0 | 1 | 8 | 26 | 35 | 46 |
| 062 | 0 | 1 | 8 | 35 | 46 | 49 |
| 063 | 0 | 1 | 10 | 30 | 35 | 46 |


| 064 | 0 | 1 | 26 | 30 | 35 | 46 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| 065 | 0 | 1 | 30 | 35 | 46 | 49 |
| 066 | 1 | 8 | 23 | 32 | 35 | 39 |
| 067 | 1 | 23 | 30 | 32 | 35 | 45 |
| 068 | 0 | 4 | 8 | 10 | 21 | 35 |
| 069 | 0 | 4 | 8 | 21 | 26 | 35 |
| 070 | 0 | 4 | 8 | 21 | 35 | 49 |
| 071 | 0 | 4 | 10 | 21 | 30 | 35 |
| 072 | 0 | 4 | 21 | 26 | 30 | 35 |
| 073 | 0 | 4 | 21 | 30 | 35 | 49 |
| 074 | 0 | 5 | 8 | 10 | 19 | 35 |
| 075 | 0 | 5 | 8 | 19 | 26 | 35 |
| 076 | 0 | 5 | 8 | 19 | 35 | 49 |
| 077 | 0 | 5 | 10 | 19 | 30 | 35 |
| 078 | 0 | 5 | 19 | 26 | 30 | 35 |
| 079 | 0 | 5 | 19 | 30 | 35 | 49 |
| 080 | 0 | 2 | 19 | 26 | 30 | 35 |
| 081 | 0 | 3 | 4 | 8 | 26 | 35 |
| 082 | 1 | 8 | 32 | 32 | 35 | 46 |
| 083 | 1 | 23 | 23 | 30 | 35 | 46 |
| 084 | 0 | 1 | 8 | 35 | 40 | 46 |


| Clue | $\mathbf{A}$ | $\mathbf{B}$ | $\mathbf{C}$ | $\mathbf{D}$ | $\mathbf{E}$ | $\mathbf{F}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 022 | 5 | 0 | 28 | 23 | 53 | 0 |
| 023 | 7 | 32 | 0 | 40 | 21 | 0 |
| 024 | 1 | 4 | 23 | 2 | 44 | 0 |
| 025 | 1 | 19 | 3 | 32 | 38 | 0 |
| 026 | 1 | 4 | 23 | 29 | 44 | 0 |
| 027 | 1 | 19 | 9 | 32 | 38 | 0 |
| 028 | 2 | 23 | 44 | 0 | 4 | 28 |
| 029 | 3 | 32 | 0 | 38 | 19 | 7 |
| 030 | 4 | 0 | 7 | 23 | 56 | 0 |
| 031 | 19 | 0 | 32 | 28 | 56 | 0 |
| 032 | 1 | 4 | 23 | 2 | 44 | 32 |
| 033 | 1 | 19 | 3 | 32 | 38 | 23 |
| 034 | 4 | 0 | 28 | 23 | 56 | 0 |
| 035 | 7 | 32 | 0 | 56 | 19 | 0 |
| 036 | 4 | 0 | 32 | 28 | 40 | 0 |
| 037 | 7 | 23 | 0 | 53 | 0 | 19 |
| 038 | 4 | 0 | 35 | 23 | 40 | 0 |
| 039 | 19 | 0 | 32 | 35 | 53 | 0 |
| 040 | 5 | 0 | 8 | 23 | 35 | 0 |
| 041 | 21 | 0 | 32 | 30 | 35 | 0 |
| 042 | 4 | 8 | 0 | 35 | 21 | 0 |


| Clue | A | $\mathbf{B}$ | $\mathbf{C}$ | $\mathbf{D}$ | $\mathbf{E}$ | $\mathbf{F}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| 064 | 1 | 30 | 35 | 26 | 46 | 0 |
| 065 | 1 | 30 | 35 | 49 | 46 | 0 |
| 086 | 1 | 8 | 23 | 35 | 39 | 32 |
| 067 | 1 | 30 | 35 | 32 | 45 | 23 |
| 088 | 4 | 8 | 10 | 35 | 21 | 0 |
| 069 | 4 | 8 | 26 | 35 | 21 | 0 |
| 070 | 4 | 8 | 49 | 35 | 21 | 0 |
| 071 | 4 | 30 | 35 | 10 | 21 | 0 |
| 072 | 4 | 30 | 35 | 26 | 21 | 0 |
| 073 | 4 | 30 | 35 | 49 | 21 | 0 |
| 074 | 5 | 0 | 8 | 19 | 35 | 10 |
| 075 | 5 | 0 | 8 | 19 | 35 | 26 |
| 076 | 5 | 0 | 8 | 19 | 35 | 49 |
| 077 | 5 | 0 | 30 | 19 | 10 | 35 |
| 078 | 5 | 0 | 30 | 19 | 26 | 35 |
| 079 | 5 | 0 | 30 | 19 | 49 | 35 |
| 080 | 2 | 0 | 30 | 19 | 26 | 35 |
| 081 | 3 | 0 | 4 | 8 | 26 | 35 |
| 082 | 1 | 8 | 32 | 35 | 46 | 32 |
| 083 | 1 | 30 | 35 | 23 | 46 | 23 |
| 084 | 1 | 8 | 40 | 35 | 46 | 0 |

## IP2 Burr Set Cards 3 and 4:

|  | 3. Puzzle Description | 106 | 0 | 3 | 4 | 30 | 35 | 53 |  | Clue | A | B | C | $\mathbf{D}$ | $\mathbf{E}$ | $\mathbf{F}$ |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 085 | 0 | 1 | 30 | 35 | 46 | 53 | 1085 | 1 | 30 | 35 | 53 | 46 | 0 |  |  |  |  |  |  |  |
| 086 | 4 | 8 | 21 | 32 | 32 | 35 | 107 | 3 | 4 | 23 | 23 | 30 | 35 | 086 | 4 | 8 | 32 | 35 | 21 | 32 |
| 087 | 4 | 21 | 23 | 23 | 30 | 35 | 108 | 0 | 5 | 7 | 23 | 28 | 56 | 087 | 4 | 30 | 35 | 23 | 21 | 23 |
| 088 | 5 | 8 | 19 | 32 | 32 | 35 | 109 | 0 | 5 | 7 | 28 | 32 | 56 | 088 | 088 | 5 | 32 | 8 | 19 | 35 |
| 089 | 5 | 19 | 23 | 23 | 30 | 35 | 110 | 0 | 6 | 7 | 23 | 28 | 56 | 089 | 5 | 23 | 30 | 19 | 23 | 35 |
| 090 | 0 | 1 | 5 | 7 | 40 | 56 | 111 | 0 | 6 | 7 | 28 | 32 | 56 | 090 | 1 | 7 | 56 | 40 | 5 | 0 |
| 091 | 0 | 1 | 5 | 28 | 53 | 56 | 112 | 0 | 7 | 20 | 23 | 28 | 56 | 091 | 1 | 28 | 53 | 56 | 5 | 0 |
| 092 | 0 | 1 | 6 | 7 | 40 | 56 | 113 | 0 | 7 | 20 | 28 | 32 | 56 | 092 | 1 | 7 | 56 | 40 | 6 | 0 |
| 093 | 0 | 1 | 6 | 28 | 53 | 56 | 114 | 0 | 7 | 21 | 23 | 28 | 56 | 093 | 1 | 28 | 53 | 56 | 6 | 0 |
| 094 | 0 | 1 | 7 | 20 | 40 | 56 | 115 | 0 | 7 | 21 | 28 | 32 | 56 | 094 | 1 | 7 | 56 | 40 | 20 | 0 |
| 095 | 0 | 1 | 7 | 21 | 40 | 56 | 116 | 0 | 7 | 22 | 23 | 28 | 56 | 095 | 1 | 7 | 56 | 40 | 21 | 0 |
| 096 | 0 | 1 | 7 | 22 | 40 | 56 | 117 | 0 | 7 | 22 | 28 | 32 | 56 | 096 | 1 | 7 | 56 | 40 | 22 | 0 |
| 097 | 0 | 1 | 20 | 28 | 53 | 56 | 118 | 0 | 2 | 19 | 30 | 35 | 53 | 097 | 1 | 28 | 53 | 56 | 20 | 0 |
| 098 | 0 | 1 | 21 | 28 | 53 | 56 | 119 | 0 | 3 | 4 | 8 | 35 | 40 | 098 | 1 | 28 | 53 | 56 | 21 | 0 |
| 099 | 0 | 1 | 22 | 28 | 53 | 56 | 120 | 1 | 5 | 7 | 32 | 40 | 53 | 099 | 1 | 28 | 53 | 56 | 22 | 0 |
| 100 | 0 | 4 | 8 | 21 | 35 | 40 | 121 | 1 | 5 | 23 | 28 | 40 | 53 | 100 | 4 | 8 | 40 | 35 | 21 | 0 |
| 101 | 0 | 4 | 21 | 30 | 35 | 53 | 122 | 1 | 6 | 7 | 32 | 40 | 53 | 101 | 4 | 30 | 35 | 53 | 21 | 0 |
| 102 | 0 | 5 | 8 | 19 | 35 | 40 | 123 | 1 | 6 | 23 | 28 | 40 | 53 | 102 | 5 | 0 | 8 | 19 | 35 | 40 |
| 103 | 0 | 5 | 19 | 30 | 35 | 53 | 124 | 1 | 7 | 20 | 32 | 40 | 53 | 103 | 5 | 0 | 30 | 19 | 53 | 35 |
| 104 | 0 | 2 | 8 | 19 | 35 | 40 | 125 | 1 | 7 | 21 | 32 | 40 | 53 | 104 | 2 | 0 | 8 | 19 | 35 | 40 |
| 105 | 2 | 8 | 19 | 32 | 32 | 35 | 126 | 1 | 7 | 22 | 32 | 40 | 53 | 105 | 2 | 32 | 8 | 19 | 35 | 32 |


| Clue | $\mathbf{A}$ | $\mathbf{B}$ | $\mathbf{C}$ | $\mathbf{D}$ | $\mathbf{E}$ | $\mathbf{F}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| 106 | 3 | 0 | 4 | 30 | 35 | 53 |
| 107 | 3 | 23 | 4 | 30 | 35 | 23 |
| 108 | 5 | 0 | 7 | 28 | 23 | 56 |
| 109 | 5 | 0 | 28 | 7 | 56 | 32 |
| 110 | 6 | 0 | 28 | 7 | 56 | 23 |
| 111 | 6 | 0 | 7 | 28 | 32 | 56 |
| 112 | 7 | 28 | 23 | 56 | 20 | 0 |
| 113 | 7 | 28 | 32 | 56 | 20 | 0 |
| 114 | 7 | 28 | 23 | 56 | 21 | 0 |
| 115 | 7 | 28 | 32 | 56 | 21 | 0 |
| 116 | 7 | 28 | 23 | 56 | 22 | 0 |
| 117 | 7 | 28 | 32 | 56 | 22 | 0 |
| 118 | 2 | 0 | 30 | 19 | 53 | 35 |
| 119 | 3 | 0 | 4 | 8 | 40 | 35 |
| 120 | 1 | 7 | 53 | 40 | 5 | 32 |
| 121 | 1 | 28 | 53 | 40 | 5 | 23 |
| 122 | 1 | 7 | 53 | 40 | 6 | 32 |
| 123 | 1 | 28 | 53 | 40 | 6 | 23 |
| 124 | 1 | 7 | 53 | 40 | 20 | 32 |
| 125 | 1 | 7 | 53 | 40 | 21 | 32 |
| 126 | 1 | 7 | 53 | 40 | 22 | 32 |

## 4. Puzzle Description



| Clue | A | $\mathbf{B}$ | $\mathbf{C}$ | $\mathbf{D}$ | $\mathbf{E}$ | $\mathbf{F}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| 127 | 1 | 28 | 53 | 40 | 20 | 23 |
| 128 | 1 | 28 | 53 | 40 | 21 | 23 |
| 129 | 1 | 28 | 53 | 40 | 22 | 23 |
| 130 | 1 | 7 | 10 | 40 | 5 | 35 |
| 131 | 1 | 7 | 26 | 40 | 5 | 35 |
| 132 | 1 | 7 | 49 | 40 | 5 | 35 |
| 133 | 1 | 28 | 53 | 10 | 5 | 35 |
| 134 | 1 | 28 | 53 | 26 | 5 | 35 |
| 135 | 1 | 28 | 53 | 49 | 5 | 35 |
| 136 | 1 | 7 | 10 | 40 | 6 | 35 |
| 137 | 1 | 7 | 26 | 40 | 6 | 35 |
| 138 | 1 | 7 | 49 | 40 | 6 | 35 |
| 139 | 1 | 28 | 53 | 10 | 6 | 35 |
| 140 | 1 | 28 | 53 | 26 | 6 | 35 |
| 141 | 1 | 28 | 53 | 49 | 6 | 35 |
| 142 | 1 | 7 | 10 | 40 | 20 | 35 |
| 143 | 1 | 7 | 10 | 40 | 21 | 35 |
| 144 | 1 | 7 | 10 | 40 | 22 | 35 |
| 145 | 1 | 7 | 26 | 40 | 20 | 35 |
| 146 | 1 | 7 | 49 | 40 | 20 | 35 |
| 147 | 1 | 7 | 26 | 40 | 21 | 35 |


| Clue | $\mathbf{A}$ | $\mathbf{B}$ | $\mathbf{C}$ | $\mathbf{D}$ | $\mathbf{E}$ | $\mathbf{F}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| 148 | 1 | 7 | 49 | 40 | 21 | 35 |
| 149 | 1 | 7 | 26 | 40 | 22 | 35 |
| 150 | 1 | 7 | 49 | 40 | 22 | 35 |
| 151 | 1 | 28 | 53 | 10 | 20 | 35 |
| 152 | 1 | 28 | 53 | 10 | 21 | 35 |
| 153 | 1 | 28 | 53 | 10 | 22 | 35 |
| 154 | 1 | 28 | 53 | 26 | 20 | 35 |
| 155 | 1 | 28 | 53 | 49 | 20 | 35 |
| 156 | 1 | 28 | 53 | 26 | 21 | 35 |
| 157 | 1 | 28 | 53 | 49 | 21 | 35 |
| 158 | 1 | 28 | 53 | 26 | 22 | 35 |
| 159 | 1 | 28 | 53 | 49 | 22 | 35 |
| 160 | 4 | 32 | 7 | 23 | 40 | 23 |
| 161 | 19 | 23 | 32 | 28 | 53 | 32 |
| 162 | 4 | 23 | 23 | 40 | 23 | 28 |

## IP2 Burr Set Distinct Pieces:

| 00 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

