**Carbide Inserts for Aluminum Alloy**

**Aluminum processing tool materials generally use fine grain YG carbide (ISOK10--K20), polycrystalline composite diamond (PCD, also known as diamond sintering body) and natural diamond, etc., which are suitable for cutting aluminum alloy tool materials, can ensure that the tool edge is sharp and wear-resistant. AL groove with aluminum processing special material CWK001, the use of fine crystal carbide, excellent wear resistance, and good tool edge chipping resistance, suitable for aluminum alloy and other non-ferrous metal semi-finishing to high-speed finishing.**

**Carbide Inserts for Aluminum Alloy**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **ReferencePhoto** | **Type** | **Grade** | **Material** | **Coating** | **Work-pieceMaterials** |
| 1 |  | CCGT060202-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 2 | CCGT060204-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 3 | CCGT060208-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 4 |  | CCGT09T302-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 5 | CCGT09T304-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 6 | CCGT09T308-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 7 |  | CCGT120402-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 8 | CCGT120404-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 9 | CCGT120408-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 10 |  | DCGT070202-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 11 | DCGT070204-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 12 | DCGT070208-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 13 |  | DCGT11T301-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 14 | DCGT11T302-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 15 | DCGT11T304-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 16 | DCGT11T308-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 17 |  | SCGT09T302-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 18 | SCGT09T304-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 19 | SCGT09T308-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 20 |  | SCGT120404-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 21 | SCGT120408-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 22 |  | TCGT090202-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 23 | TCGT090204-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 24 |  | TCGT110202-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 25 | TCGT110204-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 26 | TCGT110208-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 27 |  | TCGT16T302-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 28 | TCGT16T304-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 29 | TCGT16T308-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 30 |  | VBGT110302-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 31 | VBGT110304-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 32 | VBGT110308-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 33 | VCGT110302-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 34 | VCGT110304-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 35 | VCGT110308-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 36 |  | VBGT160402-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 37 | VBGT160404-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 38 | VBGT160408-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 39 | VCGT160402-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 40 | VCGT160404-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 41 | VCGT160408-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 42 | VCGT160412-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 43 | VCGT16 (2) | VCGT160402-LH | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 44 | VCGT160404-LH | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 45 | VCGT160408-LH | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 46 | VCGT160404 (9) 副本 | VCGT160402-W | K10-1 | Carbide | Uncoated | Wood |
| 47 | VCGT160404-W | K10-1 | Carbide | Uncoated | Wood |
| 48 | F:\VCGT220530\VCGT220530 (11) 副本.jpgVCGT220530 (11) 副本 | VCGT220530 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 49 |  | CNMG120402-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 50 | CNMG120404-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 51 | CNMG120408-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 52 |  | DNMG150404-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 53 | DNMG150408-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 54 | DNMG150604-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 55 | DNMG150608-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 56 |  | SNMG120404-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 57 | SNMG120408-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 58 |  | TNMG160402-AL | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 59 | TNMG160404-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 60 | TNMG160408-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 61 |  | VNMG160401-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 62 | VNMG160402-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 63 | VNMG160404-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 64 | VNMG160408-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 65 |  | WNMG080402-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 66 | WNMG080404-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 67 | WNMG080408-HA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 68 |  | MGMN150-G | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 69 | MGMN200-G | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 70 | MGMN250-G | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 71 | MGMN300-M | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 72 | MGMN400-M | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 73 | MGMN500-M | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 74 | MGMN600-M | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 75 |  | MRGN200 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 76 | MRGN300 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 77 | MRGN400 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 78 |  | MGGN150-G | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 79 | MGGN200-G | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 80 | MGGN250-G | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 81 | MGGN300-M | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 82 | MGGN400-M | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 83 | MGGN500-M | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 84 | O1CN01eRBjRy1bncxwYMUwH_!!2209078393510 | MGGN150R-8 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 85 | MGGN200R-8 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 86 | MGGN250R-8 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 87 | MGGN300R-8 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 88 | MGGN400R-8 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 89 | MGGN500R-8 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 90 |  | APKT160402-MA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 91 | APKT160404-MA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 92 | APKT160408-MA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 93 |  | APKT1604PDFR-MA3 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 94 |  | APGT160404-G2 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 95 | APGT160408-G2 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 96 |  | APGT113502-MA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 97 | APGT113504-MA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 98 |  | APGT113502-G2 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 99 | APGT113504-G2 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 100 |  | APKT1003 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 101 | F:\未标题-1.png未标题-1 | XEKT19M508FR-MA | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 102 |  | SEHT1204 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 103 |  | RCGT0501-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 104 | RCGT0702-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 105 |  | RCGT0803-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 106 | RCGT1003-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 107 | RCGT10T3-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 108 | RCGT1204-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 109 | RCGT1605-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 110 |  | RDGT0501-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 111 | RDGT0702-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 112 |  | RDGT1605-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 113 |  | RPGT0501-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 114 | RPGT0702-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 115 |  | RPGT0803-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 116 | RPGT1003-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 117 | RPGT10T3-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 118 | RPGT1204-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 119 | RPGT1605-MO | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 120 |  | 4NKT060308-GM | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 121 | F:\O1CN011xjH7r1WDNVEiif2V_!!2211759212754.jpg_400x400.jpgO1CN011xjH7r1WDNVEiif2V_!!2211759212754.jpg_400x400 | LOGU0303-GM | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 122 | F:\1铝用刀片图片\铝用铣刀片\WNMU080608\WNMU080608 (1) 副本.jpgWNMU080608 (1) 副本 | WNMU080608-GM | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 123 | WCKT06T308 (1) 副本 | WCKT030208 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 124 | WCKT040208 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 125 | WCKT050308 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 126 | WCKT06T308 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 127 | WCKT080412 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 128 | F:\1铝用刀片图片\铝用U钻刀片\SPGT09\SPGT (7) 副本.jpgSPGT (7) 副本 | SPGT050204 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 129 | SPGT060204  | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 130 | SPGT07T308  | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 131 | SPGT090408  | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 132 | SPGT110408  | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 133 | SPGT140512  | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 134 | F:\1铝用刀片图片\铝用螺纹刀\16ER IR AG55 ISO\16ER.jpg16ER | 16ER AG55 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 135 | 16ER AG60 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 136 | 16ER 14W | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 137 | 16ER ISO100 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 138 | 16ER ISO125 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 139 | 16ER ISO150 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 140 | 16ER ISO175 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 141 | 16ER ISO200 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 142 | 16ER ISO250 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 143 | 16ER ISO300 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 144 |  | 16IR AG55 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 145 | 16IR AG60 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 146 | 16IR 14W | K10-1 | Carbide | Uncoated | Aluminum alloy |
| F:\1铝用刀片图片\铝用螺纹刀\16ER IR AG55 ISO\16IR.jpg16IR147 | 16IR ISO100 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 148 | 16IR ISO125 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 149 | 16IR ISO150 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 150 | 16IR ISO175 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 151 | 16IR ISO200 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 152 | 16IR ISO250 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 153 | 16IR ISO300 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 154 |  | TGF32R/L 100 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 155 | TGF32R/L 105 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 156 | TGF32R/L 110 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 157 | TGF32R/L 115 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 158 | TGF32R/L 120 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 159 | TGF32R/L 125 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 160 | TGF32R/L 130 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 161 | TGF32R/L 135 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 162 | TGF32R/L 140 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 163 | TGF32R/L 145 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 164 | TGF32R/L 150 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 165 | TGF32R/L 155 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 166 | TGF32R/L 160 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 167 | TGF32R/L 165 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 168 | TGF32R/L 170 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 169 | TGF32R/L 175 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 170 | TGF32R/L 180 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 171 | TGF32R/L 185 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 172 | TGF32R/L 190 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 173 | TGF32R/L 195 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 174 | TGF32R/L 200 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 175 | TGF32R/L 205 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 176 | TGF32R/L 210 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 177 | TGF32R/L 215 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 178 | TGF32R/L 220 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 179 | TGF32R/L 225 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 180 | TGF32R/L 230 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 181 | TGF32R/L 235 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 182 | TGF32R/L 240 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 183 | TGF32R/L 245 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 184 | TGF32R/L 250 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 185 | TGF32R/L 255 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 186 | TGF32R/L 260 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 187 | TGF32R/L 265 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 188 | TGF32R/L 270 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 189 | TGF32R/L 275 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 190 | TGF32R/L 280 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 191 | TGF32R/L 285 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 192 | TGF32R/L 290 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 193 | TGF32R/L 295 | K10-1 | Carbide | Uncoated | Aluminum alloy |
| 194 | TGF32R/L 300 | K10-1 | Carbide | Uncoated | Aluminum alloy |

**Grade：K10-1**

**With fine grain carbide matrix and sharp tool edge, excellent wear resistance, it is suitable for aluminum alloy and other non-ferrous metal semi-finishing to high-speed finishing.**