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| **Full Grinded Carbide Inserts**  **Full Grinded Carbide-SL:**  **Grade : MS3015**  **PVD (TiAIN) coating**  **It is suitable for low-speed cutting and interrupted cutting of steel parts and stainless steel, with good wear resistance and high temperature oxidation resistance.**   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Full Grinded Carbide Fine Turning & Boring Inserts-SL Series** | | | | | | | | | | | | | **No.** | | **Reference Photo** | | **Type** | **Grade** | | **Material** | **Coating** | | **Work-piece Materials** | | | 1 | |  | | TNGG160402L-FE | MS3015 | | Carbide | PVD | | Steel, S.S | | | 2 | | TNGG160402R-FE | MS3015 | | Carbide | PVD | | Steel, S.S | | | 3 | | TNGG160404L-FE | MS3015 | | Carbide | PVD | | Steel, S.S | | | 4 | | TNGG160404R-FE | MS3015 | | Carbide | PVD | | Steel, S.S | | | 5 | |  | | TPGH080202L-FE | MS1050 | | Carbide | PVD | | Steel, S.S | | | 6 | | TPGH080204L-FE | MS1050 | | Carbide | PVD | | Steel, S.S | | | 7 | | TPGH090202L-FE | MS1050 | | Carbide | PVD | | Steel, S.S | | | 8 | | TPGH090204L-FE | MS1050 | | Carbide | PVD | | Steel, S.S | | | 9 | | TPGH110302L-FE | MS1050 | | Carbide | PVD | | Steel, S.S | | | 10 | | TPGH110304L-FE | MS1050 | | Carbide | PVD | | Steel, S.S | | | **Full Grinded Carbide-JC:**  **Grade : MS1050**  **PVD (TiCN) coating**  **It is suitable for low speed processing of steel parts or need a sharp insert precision processing.**  **Full-grinded Carbide Turning & Boring Inserts-JC Series** | | | | | | | | | | | | | | **No.** | | | **Reference Photo** | **Type** | | **Grade** | | **Material** | | **Coating** | **Work-piece Materials** | | | 1 | | |  | ABS15R4005 | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 2 | | | ABS15R4015 | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 3 | | |  | CCGT030101L-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 4 | | | CCGT030102L-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 5 | | | CCGT030104L-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 6 | | | CCGT040101L-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 7 | | | CCGT040102L-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 8 | | | CCGT040104L-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 9 | | | CCGT060202L-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 10 | | | CCGT060204L-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 11 | | |  | CCGT060201EL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 12 | | | CCGT060202EL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 13 | | | CCGT060204EL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 14 | | | CCGT060202ER-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 15 | | | CCGT060204ER-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 16 | | | CCGT09T301EL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 17 | | | CCGT09T302EL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 18 | | | CCGT09T304EL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 19 | | | CCGT09T302ER-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 20 | | | CCGT09T304ER-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 21 | | |  | CCGT060202L-H | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 22 | | | CCGT060204L-H | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 23 | | | CCGT060204R-H | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 24 | | | CCGT09T302L-H | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 25 | | | CCGT09T304L-H | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 26 | | |  | DCGT070202EL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 27 | | | DCGT070204EL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 28 | | | DCGT070202ER-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 29 | | | DCGT070204ER-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 30 | | | DCGT11T301EL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 31 | | | DCGT11T302EL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 32 | | | DCGT11T304EL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 33 | | | DCGT11T301ER-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 34 | | | DCGT11T302ER-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 35 | | | DCGT11T304ER-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 36 | | |  | DCGT11T302FL-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 37 | | | DCGT11T304FR-U | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 38 | | |  | DCGT11T302R-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 39 | | | DCGT11T304R-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 40 | | |  | TBGT060101L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 41 | | | TBGT060102L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 42 | | | TBGT060104L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 43 | | | TCGT060102L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 44 | | | TCGT060104L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 45 | | | TCGT110202L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 46 | | | TCGT110204L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 47 | | |  | TCGT110202L-L2 | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 48 | | | TCGT110204L-L2 | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 49 | | |  | TPGH080201L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 50 | | | TPGH080202L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 51 | | | TPGH080204L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 52 | | | TPGH090201L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 53 | | | TPGH090202L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 54 | | | TPGH090204L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 55 | | | TPGH110301L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 56 | | | TPGH110302L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 57 | | | TPGH110304L | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 58 | | |  | VBGT110301L-Y | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 59 | | | VBGT110302L-Y | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 60 | | | VBGT110304L-Y | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 61 | | | VBGT110301R-Y | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 62 | | | VBGT110302R-Y | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 63 | | | VBGT110304R-Y | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 64 | | | VBGT160402L-Y | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 65 | | | VBGT160404L-Y | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 66 | | | VBGT160402R-Y | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 67 | | | VBGT160404R-Y | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 68 | | |  | VBGT110302L-H | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 69 | | | VBGT110304L-H | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 70 | | | VBGT110302R-H | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 71 | | | VBGT110304R-H | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 72 | | |  | VBGT110302R-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 73 | | | VBGT110304R-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 74 | | |  | WBGT060102L-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 75 | | | WBGT060104L-F | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 76 | | |  | TNGG160402L-C | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 77 | | | TNGG160404L-C | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 78 | | | TNGG160402R-C | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 79 | | | TNGG160404R-C | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 80 | | |  | TNGG160402L-S | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 81 | | | TNGG160404L-S | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 82 | | | TNGG160408L-S | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 83 | | | TNGG160402R-S | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 84 | | | TNGG160404R-S | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 85 | | | TNGG160408R-S | | MS1050 | | Carbide | | PVD | Steel, S.S | | | 86 | | |  | TNGG160408R-W | | MS1050 | | Carbide | | PVD | Steel, S.S | | | **Full Grinded Carbide-DZ:**  **Grade: MS1050**  **Ultra-fine-grain WC substrate combined with silicon-containing coating, suitable for fine turning and boring of steel and stainless steel.**  **Full-grinded Carbide Turning & Boring Inserts-DZ Series** | | | | | | | | | | | | | | | **No.** | | | **Reference Photo** | | **Type** | | | **Grade** | **Material** | | **Coating** | | **Work-piece Materials** | | 1 | | |  | | CCGT060202L-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 2 | | | CCGT060202R-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 3 | | | CCGT060204L-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 4 | | | CCGT060204R-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 5 | | | CCGT09T302L-W20 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 6 | | | CCGT09T304L-W20 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 7 | | | CCGT09T308L-W20 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 8 | | |  | | DCGT070202L-W10 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 9 | | | DCGT070204L-W10 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 10 | | | DCGT11T302L-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 11 | | | DCGT11T302R-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 12 | | | DCGT11T304L-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 13 | | | DCGT11T304R-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 14 | | |  | | DCGT11T301FR-J10 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 15 | | | DCGT11T302FR-J10 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 16 | | | DCGT11T304FR-J10 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 17 | | |  | | TCGT110202L-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 18 | | | TCGT110204L-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 19 | | | TPGT080204L-W08 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 20 | | | TPGT090202L-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 21 | | | TPGT090204L-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 22 | | | TPGT110202L-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 23 | | | TPGT110204L-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 24 | | | TPGT110304L-W15 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 25 | | |  | | WBGT030102L-W08 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 26 | | | WBGT030104L-W08 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 27 | | | WBGT060102L-W11 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 28 | | | WBGT060104L-W11 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 29 | | | WBGT080202L-W11 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 30 | | | WBGT080204L-W11 | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 31 | | |  | | TNGG160402L-P | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 32 | | | TNGG160402R-P | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 33 | | | TNGG160404L-P | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 34 | | | TNGG160404R-P | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 35 | | | TNGG160408L-P | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 36 | | | TNGG160408R-P | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 37 | | |  | | TNGG160402L-W | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 38 | | | TNGG160402R-W | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 39 | | | TNGG160404L-W | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 40 | | | TNGG160404R-W | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 41 | | | TNGG160408L-W | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 42 | | |  | | WNMG080404L-CG | | | MS1050 | Carbide | | PVD | | Steel, S.S | | 43 | | | WNMG080404R-CG | | | MS1050 | Carbide | | PVD | | Steel, S.S | |