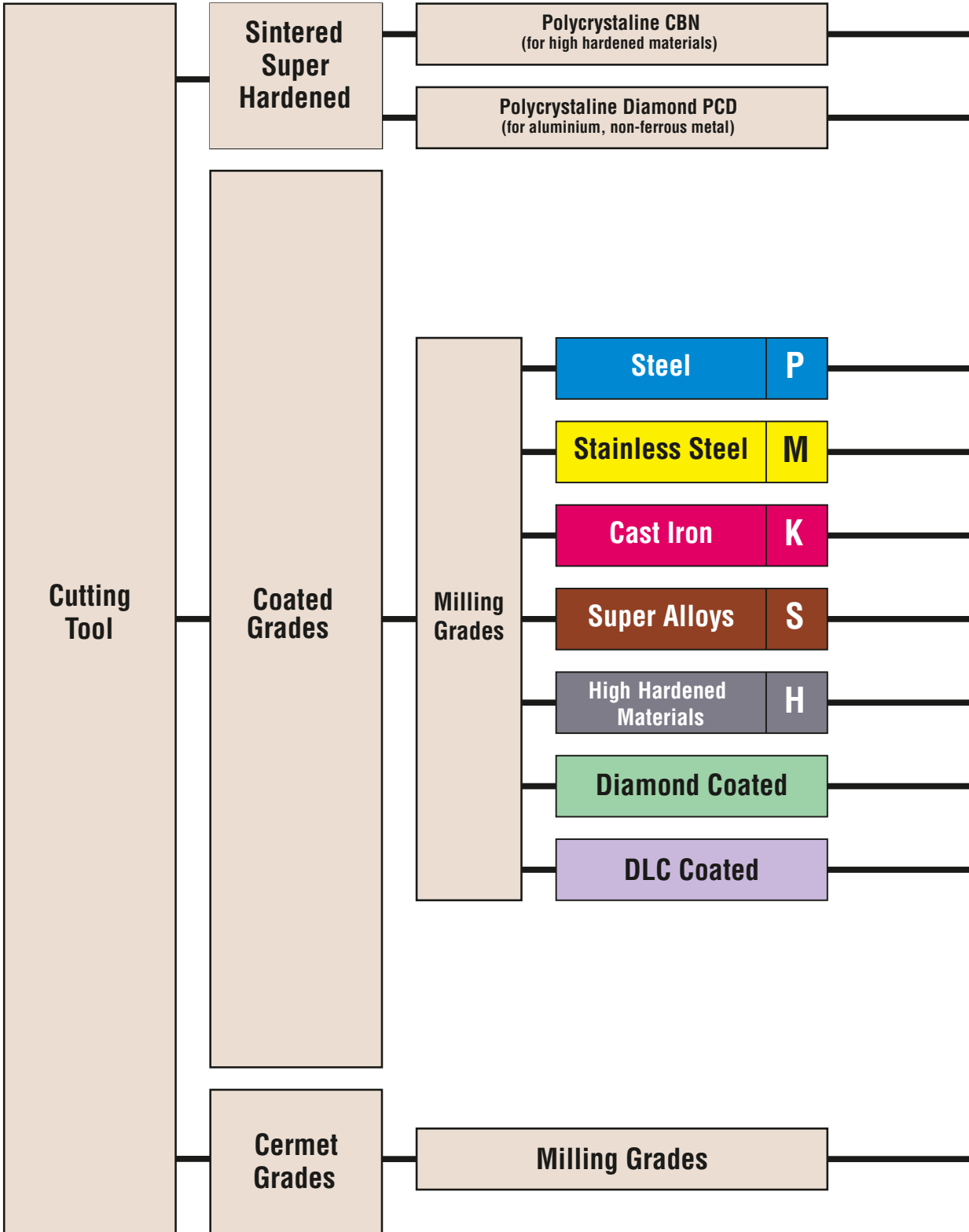


*Tooling by* **DIJET**®

**Carbide Grades**

**DIJET Grades for Cutting Tools**





JBN795 JBN500 JBN300 JBN245

JDA30 JDA735 JDA10 JDA715

DH103 JC8015 JC8118 JC5015 JC5118 JC5040 JC8050 JC7550 JC7560

JC8015 JC8118 JC5015 JC5118 JC8050 JC7550 JC7560

DH103 JC605W JC608X JC8015 JC8118 JC5015

DH103 JC8015 JC8118 JC5015 JC5118 JC8050 JC7550 JC7560

DH102 DH103 DH108 JC8015 JC8118 JC5118

JC10000

JC20003 JC20015

CX75 CX90

## DIJET Grades for Turning Tools

| ISO classification | P      |        |      |     |     | M   |     |        |     | K      |     |      |     |
|--------------------|--------|--------|------|-----|-----|-----|-----|--------|-----|--------|-----|------|-----|
|                    | P01    | P10    | P20  | P30 | P40 | M10 | M20 | M30    | M40 | K01    | K10 | K20  | K30 |
| Coated             | DH103  |        |      |     |     |     |     | JC8015 |     | DH103  |     |      |     |
|                    |        | JC8015 |      |     |     |     |     | JC5015 |     | JC605W |     |      |     |
|                    |        | JC8118 |      |     |     |     |     | JC5118 |     | JC608X |     |      |     |
|                    |        | JC5015 |      |     |     |     |     | JC8050 |     | JC8118 |     |      |     |
|                    |        | JC5118 |      |     |     |     |     | JC7550 |     | JC8015 |     |      |     |
|                    |        | JC5040 |      |     |     |     |     | JC7560 |     | JC5015 |     |      |     |
|                    |        | JC8050 |      |     |     |     |     |        |     |        |     |      |     |
|                    |        | JC7550 |      |     |     |     |     |        |     |        |     |      |     |
|                    |        | JC7560 |      |     |     |     |     |        |     |        |     |      |     |
|                    | Cermet |        | CX75 |     |     |     |     |        |     |        |     |      |     |
|                    |        |        | CX90 |     |     |     |     | CX75   |     |        |     | CX75 |     |
|                    |        |        |      |     |     |     |     |        |     |        |     |      |     |

| ISO classification | S      |     |     |     | H      |     |     |
|--------------------|--------|-----|-----|-----|--------|-----|-----|
|                    | S01    | S10 | S20 | S30 | H01    | H10 | H20 |
| Coated             | DH103  |     |     |     | DH102  |     |     |
|                    | JC8015 |     |     |     | DH103  |     |     |
|                    | JC8118 |     |     |     | DH108  |     |     |
|                    | JC5015 |     |     |     | JC8015 |     |     |
|                    | JC5118 |     |     |     | JC5118 |     |     |
|                    | JC8050 |     |     |     | JC5118 |     |     |
|                    | JC7550 |     |     |     | JC8118 |     |     |
|                    | JC7560 |     |     |     |        |     |     |
|                    |        |     |     |     |        |     |     |
|                    |        |     |     |     |        |     |     |

| For Finishing of Steel & Cast Iron |                  |
|------------------------------------|------------------|
| CBN                                | JBN795           |
|                                    | JBN500           |
|                                    | JBN245           |
| Coated                             | DH102            |
|                                    | DH103            |
|                                    | JC8015<br>JC5015 |

| Aluminium · Copper Alloy · Non-ferrous Metal |        |
|--|--------|
| PCD  | JDA30  |
|  | JDA735 |
|  | JDA10  |

# Grade Comparison Chart

## COATED GRADES FOR MILLING

| ISO Codes | DIJET      | Mitsubishi   | Tungaloy                   | Sumitomo                 | Kyocera                      | Hitachi                    | Sandvik                    | Kennametal              | NTK   |                |
|-----------|------------|--|----------------------------|--------------------------|------------------------------|----------------------------|----------------------------|-------------------------|---|----------------|
| <b>P</b>  | <b>P01</b> | <b>DH103</b>   |                            |                          | PR915<br>PR1005              | TH308 TH303<br>JP4105      |                            |                         |   |                |
|           | <b>P10</b> | <b>DH103</b><br><b>JC8015</b><br><b>JC8115</b>                   | VP15TF<br>MS8015<br>MP6120 | AH710<br>SH725           | AC520U                       | PR930 PR1225<br>PR1215     | JP4115 PN215<br>JP4120     | GC1010                  | KC505M KC510M<br>KC515M KC715M  | DT4<br>VM1     |
|           | <b>P20</b> | <b>JC8015</b><br><b>JC8118</b><br><b>JC5118</b>                  | VP15TF<br>VP20RT<br>MP6120 | AH120 AH725              | ACP200<br>AC1030U<br>AC530U  | PR1230<br>PR1425<br>PR1525 | IP2000 CY150<br>P4120      | GC15<br>GC1125          | KC522M KC525M<br>KC527M KC610M<br>KC620M KC635M<br>KC715M KC720M<br>KC927M KCPM20 | DM4 TM4<br>QM3 |
|           | <b>P30</b> | <b>JC5015</b><br><b>JC5118</b><br><b>JC8118</b><br><b>JC5040</b> | VP20RT VP15TF<br>MP6130    | AH9030 AH730<br>SH730    | ACP200 ACP300                | PR1230 PR1525<br>PR1425    | JS4045 CY250<br>PTH30E     | GC1130 GC2030<br>GC34   | KC530M KC537M<br>KC725M KC730M<br>KC735M KCMP30<br>KCPK30                         | TM4 QM3<br>DM4 |
|           | <b>P40</b> | <b>JC5040</b><br><b>JC8050</b><br><b>JC7560</b>                  | VP30RT                     | AH3135<br>AH740          | ACP300                       |                            | JS4060<br>PTH40H<br>JM4160 | GC2040 GC1145           | KC735M  |                |
| <b>M</b>  | <b>M10</b> | <b>DH103</b>   | VP15TF<br>VP10RT           |                          | AC520U<br>ACM100             | PR1525 PR1225<br>PR1215    | IP50S<br>IP100S            | GC1010<br>GC1105        | KC515M KCPM20   | DT4<br>VM1     |
|           | <b>M20</b> | <b>JC8015</b><br><b>JC8118</b>                                   | VP20RT VP15TF<br>MP7130    | AH120 AH725<br>SH725     | AC1030U<br>AC6040M<br>ACM300 | PR1525 PR1225<br>PR1215    | JP4120 CY150               | GC15<br>GC34<br>GC1115  | KC522M KC525M<br>KC610M KC635M<br>KC720M KC927M                                   | DM4 TM4<br>QM3 |
|           | <b>M30</b> | <b>JC8015</b><br><b>JC5118</b><br><b>JC8118</b>                  | MP7035<br>MP7130<br>MP7140 | AH630 AH130<br>AH6030    | ACP6040M<br>ACM300<br>ACP200 | PR1125<br>PR1535           | JS4045 CY250<br>PTH30E     | GC1040 GC2030<br>GC2035 | KC530M KC537M<br>KC725M KC730M<br>KC735M KCMP30                                   | DM4 QM3<br>TM4 |
|           | <b>M40</b> | <b>JC8050</b><br><b>JC7560</b><br><b>JC7550</b>                  | VP30RT<br>MP7035<br>MP7140 | AH645 AH140<br>AH3135    | ACP300<br>AC6040M<br>ACU300  |                            | JM4160 PTH40H              | GC1040<br>GC1145        |   |                |
| <b>K</b>  | <b>K01</b> | <b>DH103</b>   |                            |                          | AC510U<br>ACK260             |                            | TH303 ATH80D<br>ATH10E     |                         | KC907M  |                |
|           | <b>K10</b> | <b>JC8015</b>  | VP10RT                     | AH110 GH110              | AC520U<br>ACK260             | PR1210 PR1510<br>PR905     | JP4120 PTH13S              | GC1020<br>GC1010        | KC514M KC515M<br>KC914M KC917M<br>KCK15   |                |
|           | <b>K20</b> | <b>JC8015</b><br><b>JC5015</b><br><b>JC8118</b>                  | VP15TF VP20RT<br>VP10RT    | AH120<br>SH725           | AC520U<br>AC1030U<br>ACK280  | PR1210 PR1510<br>PR905     | JP4120 CY150               | GC1020 GC34             | KC520M KC522M<br>KC524M KC527M<br>KC610M KC620M<br>KC635M KC924M<br>KC927M KCPM20 | DM4 QM3        |
|           | <b>K30</b> | <b>JC5015</b>  | VP15TF VP20RT              |                          | ACK300                       |                            | JS4045 CY250               |                         | KC537M KCPK30   |                |
| <b>S</b>  | <b>S01</b> | <b>DH103</b>   | MP9005 VP05RT              | AH905                    |                              | PR005S PR1305              | PN215<br>JP9105            |                         |   | DT4            |
|           | <b>S10</b> | <b>JC5015</b><br><b>JC8015</b><br><b>JC8118</b>                  | MP9005<br>MP9015<br>MP9020 | AH110<br>AH8005          | AC510U                       | PR1310 PR015S              | IP100S JP9115              | GC1010<br>GC1105        | KC510M  | DT4            |
|           | <b>S20</b> | <b>JC5015</b><br><b>JC5118</b><br><b>JC8118</b>                  | MP9130<br>MP9015<br>MP9020 | AH120<br>AH725<br>AH8015 | AC520U                       | PR015S PR1325              | JP4120 PTH30E              | GC15 S30T<br>GC1115     | KC522M KC525M<br>KC610M   | DT4 TM4<br>DM4 |
|           | <b>S30</b> | <b>JC8050</b><br><b>JC7560</b><br><b>JC7550</b>                  | MP9130                     | SH730<br>AH4035          |                              | PR1535                     | JM4160<br>PTH40H           | GC1040 GC2040<br>GC34   | KC725M KCMP30   |                |
| <b>H</b>  | <b>H01</b> | <b>DH102</b><br><b>DH103</b>                                     | MP8010                     |                          | AC503U                       |                            | TH303<br>TH308<br>JP4105   | GC1010                  |   |                |
|           | <b>H10</b> | <b>DH108</b><br><b>JC8015</b>                                    | MP8010 VP15TF              |                          | AC503U                       |                            | PN208<br>PN215<br>JP4115   |                         | KC505M KC510M   |                |
|           | <b>H20</b> | <b>JC8118</b><br><b>JC5118</b>                                   | VP15TF                     | AH120                    |                              |                            | JP4120                     | GC34                    |   |                |

# Carbide Grades

## ■ CERMET GRADES

| ISO Codes | DIJET                                    | Mitsubishi              | Tungaloy         | Sumitomo                | Kyocera               | Hitachi                | Sandvik | Kennametal    | NTK     |
|-----------|--|-------------------------|------------------|-------------------------|-----------------------|------------------------|---------|---------------|---------|
| <b>P</b>  | <b>LN10</b>                              | AP25N VP25N             | NS520            | T1000A                  | TN610 PV710           |                        |         | KT1120        | T15     |
|           | <b>P10</b><br><b>LN10</b><br><b>CX75</b> | AP25N NX2525<br>NX3035  | GT9530           | T1500A T1500Z           | TN610 PV710           | CZ25                   | CT5015  | KT315 KT910   | T15     |
|           | <b>P20</b><br><b>CX75</b><br><b>CX90</b> | NX2525 MP3025<br>NX3035 | GT9530<br>NS9530 | T1500A T1500Z<br>T3000Z | TN620 PV720<br>TN90   | CH550 CH7030<br>MZ1000 | GC1525  | KT5020 KTPK20 | C7X     |
|           | <b>P30</b><br><b>CX90</b>                | NX4545 VP45N<br>MX3030  | NS740            | T3000Z T4500A<br>T250A  |                       | CH7035                 |         |               | C7X N40 |
| <b>M</b>  | <b>M10</b><br><b>LN10</b><br><b>CX75</b> | AP25N NX2525<br>VP25N   | NS520            | T1000A T1500Z           | TN60 PV720<br>TN620   |                        | GC1525  | KT315 KT910   | C7X T15 |
|           | <b>M20</b><br><b>CX75</b>                | AP25N NX2525<br>VP25N   | GT9530<br>NS9530 | A1500A A1500Z           | TN90 PV720<br>TN620   | CH550 CH7030<br>MZ1000 |         | KT5020 KTPK20 | C7X     |
|           | <b>M30</b>                               | NX4545<br>MX3030        | NS740            | T4500A T3000Z           |                       | CH7035                 |         |               | C7X N40 |
| <b>K</b>  | <b>K01</b><br><b>LN10</b>                | AP25N<br>VP25N          | NS520            | T1000A                  | PV7005                |                        |         | KT1120        | T15     |
|           | <b>K10</b><br><b>LN10</b><br><b>CX75</b> | AP25N NX2525<br>VP25N   | GT9530<br>NS9530 | T1500A T1500Z           | PV7005 PV710<br>TN610 | CH550 MZ1000           | CT5015  | KT315 KT910   | C7X T15 |
|           | <b>K20</b><br><b>CX75</b>                | AP25N NX2525<br>VP25N   |                  | T3000Z                  |                       | CH7030                 |         | KT5020 KTPK20 |         |
|           | <b>K30</b>                               |                         |                  |                         |                       | CH7035                 |         |               |         |