

INSERT GRADES CROSS REFERENCE TABLE

■ Cermet (Turning)

• This table is Kyocera's own estimation based on publications and is not authorized by companies mentioned in it.

| Classification | | Kyocera | Dijet | Hitachi | Mitsubishi | NTK | Sandvik | Seco | Sumitomo | Tungaloy | Kennametal | Iscar |
|---------------------|--------|------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------|----------------------------------------|---------------------------------|--------------------------|---------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|
| Class | Symbol | | | | | | | | | | | |
| P (Steel) | P01 | TN6010 PV7010 | LN10 CX50 | CH350 | AP25N VP25N NX1010 | T3N T15 Q15 | - | - | T110A T1000A | NS520 GT530 GT720 J530 | KT1120 KT125 HTX | IC20N IC520N |
| | P10 | TN620 TN60 TN6010 TN6020 PV7010 PV720 PV7020 PV7025 | LN10 CX50 CX75 NIT PX75 | CH350 CZ25 | NX2525 AP25N VP25N | T15 C7Z Z15 | CT5015 CT525 | TP1020 CM CMP | T1500Z T2000Z T1200A T1500A | NS9530 NS520 GT9530 GT530 GT730 | KT315 KT175 HT2 | IC20N IC520N IC530N IC75T |
| | P20 | TN620 TN90 TN6020 PV720 PV7020 PV7025 | CX50 CX75 CX90 NAT PX90 | CH550 CH7030 CZ1025 CZ25 | MP3025 NX2525 NX3035 AP25N VP45N | T15 C7X C7Z | CT525 CT530 GC1525 | TP1020 C15M TP1030 | T1200A T1500A T1500Z T2000Z T3000Z | NS9530 NS530/730 GT9530 GT530/730 | PS5 KT5020 | IC20N IC520N IC530N IC75T IC30N |
| | P30 | - | CX90 CX99 SUZ | - | NX4545 VP45N | N40 C7X | CT530 GC1525 | TP1030 | T3000Z T250A | NS740 | - | IC75T IC30N |
| M (Stainless Steel) | M10 | TN620 TN60 TN6020 PV720 PV7020 PV7025 | LN10 | CH350 | NX2525 AP25N VP25N | T15 C7X C7Z Z15 | CT5015 CT525 | CM CMP | T110A T1000A T2000Z | NS520 J530 | KT1120 KT315 KT125 | IC20N IC520N |
| | M20 | TN620 TN90 TN6020 PV720 PV7020 PV7025 | CX50 CX75 PX75 NIT NAT | CH550 CH7030 CZ1025 | NX2525 NX3025 AP25N VP25N | C7X C7Z Q15 | CT530 GC1525 | TP1020 C15M | T1500A T2000Z | NS530 NS730 GT530 GT730 | KT175 HT2 PS5 KT5020 | IC30N IC530N |
| | M30 | - | CX75 CX90 PX90 CX99 SUZ | CZ25 | NX4545 | C7X | - | TP1030 | T3000Z T250A | NS740 | - | - |
| K (Cast Iron) | K01 | PV7005 | LN10 | - | AP25N VP25N | T3N T15 Q15 | - | - | T110A T1000A | NS520 | KT1120 | - |
| | K10 | TN60 TN6010 PV7005 PV7010 | LN10 | CH350 | NX2525 AP25N VP25N | T15 C7X C7Z Z15 | CT5015 | - | T1200A T1500A T2000Z | NS530 NS730 GT530 GT730 | KT315 HTX | - |
| | K20 | - | NIT | CZ25 | NX2525 AP25N VP25N | - | - | - | T3000Z | - | KT5020 | - |

• Boldface grade shows PVD Coated Cermet.

■ Carbide

| Classification | | Kyocera | Dijet | Hitachi | Mitsubishi | NTK | Sandvik | Seco | Sumitomo | Tungaloy | Kennametal | Iscar |
|-----------------------------------|--------|--------------|------------------------------|--------------|--------------------------|-----|------------------|------------------|-----------------------|----------------------|----------------------|---------------|
| Class | Symbol | | | | | | | | | | | |
| P (Steel) | P10 | - | SRT | WS10 | STI10T | - | S1P | - | ST10P | TX10S | K2885 | IC70 |
| | P20 | - | SRT DX30 | EX35 | STI20 UTI20T | - | SMA | S10M | ST20E | TX20 TX25 | K125M | IC70 IC50M |
| | P30 | - | SR30 DX30 DX35 | EX35 EX40 | UTI20T | - | SM30 | S25M | A30N A30 ST30E | TX30 UX30 | KMF | IC50M IC54 |
| | P40 | - | SR30 DX35 | EX45 | - | - | S6 | S60M | ST40E | TX40 | PVA | IC54 |
| K (Cast Iron) | K01 | - | KG03 | WH02 WH05 | HTI05T | - | H1P | - | H1 H2 | TH03 KS05F | K68 K10 | IC04 |
| | K10 | KW10 GW15 | KG10 KT9 | WH10 | HTI10 | KM1 | H1P H10 HM | 890 | EH10 EH510 | G1F TH10 H10T | KMI K8735 K313 | IC20 |
| | K20 | GW25 | CR1 KG20 | WH20 | HTI20T UTI20T | KM3 | H13A | 883 890 HX | G10E EH20 EH520 | G2F KS15F KS20 | KMF | IC20 IC10 |
| | K30 | - | KG30 | - | - | - | - | 883 | G3 G10E | G3 UX30 | THR | IC10 IC28 |
| V (Wear and Shock Resistant Tool) | V40 | - | G5 GD195 | WH50 | GTI30 | - | - | - | G5 | D40 | - | - |
| | V50 | VW50 | MH3 MH4 GD174 GD201 | WH60 | GTI35 GTI40 GTI30S | - | - | - | G6 | D50 | - | - |
| | V60 | - | MH5 MH7 MH8 GD206 | WB60 | GTI40S GTI50S | - | - | - | G7 G8 | D60 | - | - |

GRADES
A

INSERTS
B

CBN & PCD
C

TURNING
E

BORING
F

GRINDING
G

CUT-OFF
H

THREADING
J

SOLID END MILLS
L

MILLING
M

SPARE PARTS
P

TECHNICAL
R

INDEX
T