

## ROTATING TOOL INSERTS

## GRADES FOR MILLING

## INDEXABLE INSERT GRADES FOR MILLING

| ISO                                         | Coated Carbide |                                                    | Cermet | Cemented Carbide | CBN<br>(Sintered CBN) | PCD<br>(Sintered Diamond) |
|---------------------------------------------|----------------|----------------------------------------------------|--------|------------------|-----------------------|---------------------------|
|                                             | CVD            | PVD                                                |        |                  |                       |                           |
| <b>P</b><br>Steel                           | P01            | F7010                                              |        |                  |                       |                           |
|                                             | P10            | F7020                                              | NX2525 |                  |                       |                           |
|                                             | P20            | F7030                                              | NX4545 | UTi20T           |                       |                           |
|                                             | P30            | MP6120<br>NEW<br>VP15TF<br>NEW<br>MP6130           |        |                  |                       |                           |
|                                             | P40            | LP20M<br>VP20RT<br>VP30RT                          |        |                  |                       |                           |
| <b>M</b><br>Stainless Steel                 | M01            | F7010                                              |        |                  |                       |                           |
|                                             | M10            | F7030                                              | NX2525 |                  |                       |                           |
|                                             | M20            | VP15TF<br>NEW<br>MP7130                            | NX4545 | UTi20T           |                       |                           |
|                                             | M30            | MP7030<br>LP20M<br>VP20RT<br>NEW<br>MP7140         |        |                  |                       |                           |
|                                             | M40            | VP30RT                                             |        |                  |                       |                           |
| <b>K</b><br>Cast Iron                       | K01            | MC5020                                             |        | HTi05T           | MB710<br>MB730        |                           |
|                                             | K10            | MP8010                                             | NX2525 | HTi10            |                       |                           |
|                                             | K20            | VP15TF                                             |        | UTi20T           |                       |                           |
|                                             | K30            | VP20RT                                             |        |                  |                       |                           |
| <b>N</b><br>Non-Ferrous Metal               | N01            |                                                    |        |                  |                       | MD205<br>MD220<br>MD230   |
|                                             | N10            |                                                    |        | HTi10            |                       |                           |
|                                             | N20            | LC15TF                                             |        | TF15             |                       |                           |
|                                             | N30            |                                                    |        |                  |                       |                           |
| <b>S</b><br>Heat Resistant Alloy • Ti Alloy | S01            |                                                    |        |                  | MB730                 |                           |
|                                             | S10            | NEW<br>MP9120<br>VP15TF<br>NEW<br>MP9130<br>MP9030 |        |                  |                       |                           |
|                                             | S20            |                                                    |        |                  |                       |                           |
|                                             | S30            |                                                    |        |                  |                       |                           |
| <b>H</b><br>Hardened Materials              | H01            | MP8010                                             |        |                  |                       |                           |
|                                             | H10            | VP15TF                                             |        |                  |                       |                           |
|                                             | H20            |                                                    |        |                  |                       |                           |
|                                             | H30            |                                                    |        |                  |                       |                           |