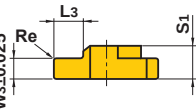
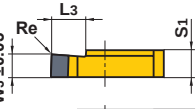
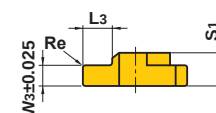


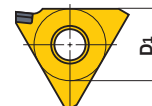
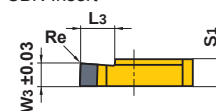
# INSERTS

| Order Number | Stock  |   |        |   |         |   |        | Groove Width<br><br>W <sub>3</sub> (mm) | Dimensions (mm) |                |                |     | Geometry                                                                                                                                                  |
|--------------|--------|---|--------|---|---------|---|--------|-----------------------------------------|-----------------|----------------|----------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | Coated |   | Cermet |   | Carbide |   | CBN    |                                         | L <sub>3</sub>  | D <sub>1</sub> | S <sub>1</sub> | Re  |                                                                                                                                                           |
|              | VP20MF |   | NX2525 |   | UT120T  |   | MB8025 |                                         |                 |                |                |     |                                                                                                                                                           |
|              | R      | L | R      | L | R       | L | R      |                                         |                 |                |                |     |                                                                                                                                                           |
| MGTR/L33125  | ★      | ★ | ★      |   | ●       | ● |        | 1.25                                    | 1.2             | 9.525          | 4.76           | 0.2 | <div>MGTR/L...</div> <div></div>                                       |
| 33145        | ★      | ★ | ★      |   | ●       | ★ |        | 1.45                                    | 1.5             | 9.525          | 4.76           | 0.2 |                                                                                                                                                           |
| 33150        | ★      | ★ | ★      | ★ | ●       | ● |        | 1.5                                     | 3               | 9.525          | 4.76           | 0.2 |                                                                                                                                                           |
| 33175        | ★      | ★ | ★      | ★ | ●       | ● |        | 1.75                                    | 3               | 9.525          | 4.76           | 0.2 |                                                                                                                                                           |
| 33200        | ★      | ★ | ★      | ★ | ●       | ● |        | 2                                       | 3               | 9.525          | 4.76           | 0.2 |                                                                                                                                                           |
| 33230        | ★      | ★ |        |   | ●       | ● |        | 2.3                                     | 3               | 9.525          | 4.76           | 0.2 |                                                                                                                                                           |
| 33250        | ★      | ★ | ★      | ★ | ●       | ● |        | 2.5                                     | 3               | 9.525          | 4.76           | 0.3 |                                                                                                                                                           |
| 33270        | ★      | ★ |        |   | ●       | ★ |        | 2.7                                     | 3               | 9.525          | 4.76           | 0.3 |                                                                                                                                                           |
| 33280        | ★      | ★ |        |   | ●       | ★ |        | 2.8                                     | 3               | 9.525          | 4.76           | 0.3 |                                                                                                                                                           |
| 33300        | ★      | ★ | ★      | ★ | ●       | ● |        | 3                                       | 3               | 9.525          | 4.76           | 0.3 |                                                                                                                                                           |
| 33320        | ★      | ★ |        |   | ●       |   |        | 3.2                                     | 3               | 9.525          | 4.76           | 0.3 |                                                                                                                                                           |
| 33330        |        | ★ |        |   | ●       | ★ |        | 3.3                                     | 3               | 9.525          | 4.76           | 0.3 |                                                                                                                                                           |
| 33350        | ★      | ★ | ★      |   | ●       | ★ |        | 3.5                                     | 3               | 9.525          | 4.76           | 0.3 |                                                                                                                                                           |
| 33400        | ★      | ★ | ★      | ★ | ●       | ● |        | 4                                       | 3               | 9.525          | 4.76           | 0.3 |                                                                                                                                                           |
| 43125        | ★      | ★ | ★      | ★ | ●       | ● | ★      | 1.25                                    | 1.2             | 12.7           | 4.76           | 0.2 | <div>Right hand insert shown</div> <div>CBN Insert</div> <div></div> |
| 43145        | ★      | ★ |        | ★ | ●       | ★ |        | 1.45                                    | 1.5             | 12.7           | 4.76           | 0.2 |                                                                                                                                                           |
| 43150        | ★      | ★ | ★      | ● | ●       | ● | ★      | 1.5                                     | 3               | 12.7           | 4.76           | 0.2 |                                                                                                                                                           |
| 43175        | ★      | ★ | ★      | ★ | ●       | ● |        | 1.75                                    | 3               | 12.7           | 4.76           | 0.2 |                                                                                                                                                           |
| 43200        | ★      | ★ | ★      | ● | ●       | ● | ★      | 2                                       | 3               | 12.7           | 4.76           | 0.2 |                                                                                                                                                           |
| 43230        | ★      | ★ | ●      | ★ | ●       | ● |        | 2.3                                     | 3               | 12.7           | 4.76           | 0.2 |                                                                                                                                                           |
| 43250        | ★      | ★ | ★      | ★ | ●       | ● | ★      | 2.5                                     | 4.5             | 12.7           | 4.76           | 0.3 |                                                                                                                                                           |
| 43260        | ★      | ★ | ★      |   | ●       | ● |        | 2.6                                     | 4.5             | 12.7           | 4.76           | 0.3 |                                                                                                                                                           |
| 43270        | ★      | ★ |        |   | ●       | ★ |        | 2.7                                     | 4.5             | 12.7           | 4.76           | 0.3 |                                                                                                                                                           |
| 43280        |        | ★ |        | ★ | ●       | ● |        | 2.8                                     | 4.5             | 12.7           | 4.76           | 0.3 |                                                                                                                                                           |
| 43300        | ★      | ★ | ★      | ★ | ●       | ● | ★      | 3                                       | 4.5             | 12.7           | 4.76           | 0.3 |                                                                                                                                                           |
| 43320        | ★      |   |        |   | ●       | ● |        | 3.2                                     | 4.5             | 12.7           | 4.76           | 0.3 |                                                                                                                                                           |
| 43330        |        | ★ |        | ★ | ●       | ● |        | 3.3                                     | 4.5             | 12.7           | 4.76           | 0.3 |                                                                                                                                                           |
| 43350        | ★      | ★ | ★      | ★ | ●       | ● | ★      | 3.5                                     | 4.5             | 12.7           | 4.76           | 0.3 |                                                                                                                                                           |
| 43400        | ★      | ★ | ★      |   | ●       | ● | ★      | 4                                       | 4.5             | 12.7           | 4.76           | 0.3 |                                                                                                                                                           |
| 43420        | ★      | ★ | ★      |   | ●       | ● |        | 4.2                                     | 4.5             | 12.7           | 4.76           | 0.4 | <div>Right hand tool only</div> <div></div>                          |
| 43430        | ★      | ★ | ★      |   | ●       | ● |        | 4.3                                     | 4.5             | 12.7           | 4.76           | 0.4 |                                                                                                                                                           |
| 43450        | ★      | ★ | ●      | ★ | ●       | ● |        | 4.5                                     | 4.5             | 12.7           | 4.76           | 0.4 |                                                                                                                                                           |
| 43470        | ★      | ★ | ★      | ★ | ●       | ★ |        | 4.7                                     | 4.5             | 12.7           | 4.76           | 0.4 |                                                                                                                                                           |
| 44500        | ★      | ★ |        |   | ●       | ★ |        | 5                                       | 4.5             | 12.7           | 6.35           | 0.4 |                                                                                                                                                           |
| 44550        | ★      |   |        |   | ●       |   |        | 5.5                                     | 4.5             | 12.7           | 6.35           | 0.4 |                                                                                                                                                           |
| 44600        | ★      |   |        |   | ●       | ● |        | 6                                       | 4.5             | 12.7           | 6.35           | 0.4 |                                                                                                                                                           |



Right hand insert shown.

CBN Insert



Right hand tool only.

GROOVING