

**DOVEIQGRIP TIGER-IQ inserts, IC830, Groove width w: 14mm****Order data**

|              |               |
|--------------|---------------|
| Order number | 274149 14     |
| GTIN         | 7291075316575 |
| Item class   | 26H           |

**Description****Version:**

Y chip breaker for general groove machining. Positive chip former. Soft cut.

**Application:**

For external grooving for high metal removal rates.

**Technical description**

|                            |                      |
|----------------------------|----------------------|
| RETOL                      | 0.05 mm              |
| fg                         | 0.22 - 0.45 mm/rev.  |
| INSL                       | 161 mm               |
| CWTOL                      | 0.08 mm              |
| Corner radius R            | 1.5 mm               |
| Groove width w             | 14 mm                |
| Series                     | DOVEIQGRIP           |
| Manufacturer's designation | TIGER 1415Y-IQ IC830 |

|                                      |                               |
|--------------------------------------|-------------------------------|
| Number of changes/inserts            | 1                             |
| Tool material                        | Carbide                       |
| Indexable insert profile             | neutral                       |
| Finishing/roughing assignment        | Finishing                     |
| Main application                     | UNI                           |
| Cutting conditions                   | heavily interrupted           |
| Chip breaker                         | ZC                            |
| Cutting speed $v_c$ main application | 80 - 180 m/min                |
| Grade                                | IC830                         |
| Type of product                      | Indexable insert for grooving |