


TPKT 1003PDR-FW, IC830, Type: UNI

Order data

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|--------------|---------------|
| Order number | 226514 UNI |
| GTIN | 7291075313598 |
| Item class | 19A |

Description
Version:

Trigon indexable insert with 3 helical cutting edges. Axial and radial positive cutting edge design. For effective and precise machining of 90° shoulders.

With knuckle form profile for roughing.

Note:

Standard application values for $a_e = 0.3$ to $1 \times D$ / a_p max = 8.0 mm.

The minimum order quantity corresponds to one pack unit quantity (VPE) or a multiple thereof.

Technical description

| | |
|----------------------------|-----------------------------|
| ISO code indexable insert | TPKT 1003PDR-FW |
| Number of changes/inserts | 3 |
| Series | HELI3MILL |
| Corner radius | 0.8 mm |
| Geometry | PDR-FW |
| Manufacturer's designation | HM390 TPKT 1003PDR-FW IC830 |
| Grade | IC830 |

| | |
|-----------------|------------------------------|
| Tool material | Carbide |
| Type of product | Indexable insert for milling |

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|----------------------|-----------------|
| Steel < 500 N/mm ² | suitable | 220 m/min | P |
| Steel < 750 N/mm ² | suitable | 200 m/min | P |
| Steel < 900 N/mm ² | suitable | 170 m/min | P |
| Steel < 1100 N/mm ² | suitable only under restricted conditions | 150 m/min | P |
| INOX < 900 N/mm ² | suitable | 110 m/min | M |
| INOX > 900 N/mm ² | suitable | 90 m/min | M |
| Uni | suitable | | |
| wet maximum | suitable | | |
| dry | suitable | | |