



## High feed rate milling cutter MFH Harrier, Weldon shank, Ø D / number of teeth Z: 25/2mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 222055 25/2   |
| GTIN         | 4960664707539 |
| Item class   | 250           |

### Description

#### Description:

MFH Harrier high feed rate indexable face mills enable short machining times thanks to high feed rates and high cutting depths. The approach angle in combination with the convex cutting edges reduces the cutting forces and minimises the tendency to vibrate.

#### Application:

For increased productivity in face milling, pocket milling and slot milling. Because the cutting forces are so low, large overhangs for plunge milling pose no problem.

### Technical description

|                                   |                       |
|-----------------------------------|-----------------------|
| maximum cutting depth $a_{p\max}$ | 1.5 mm                |
| Shank Ø $D_s$ h6                  | 25 mm                 |
| Number of cutting edges Z         | 2                     |
| suitable indexable insert         | SOMT..                |
| Insert screw                      | 229717 (15IP; 3.5 Nm) |
| Overall length $L_{\text{tot}}$   | 117 mm                |
| Overhang $L_1$                    | 60 mm                 |
| Indexable insert size             | 10                    |
| Cutting edge Ø $D_c$              | 25 mm                 |
| Ø $D_3$                           | 8 mm                  |

|  |                  |
|--|------------------|
| maximum cutting depth $a_{p,max}$ for LD geometry    | 3.5 mm           |
| Through-coolant                                      | yes              |
| Circular interpolation milling $\varnothing D_{max}$ | 48 mm            |
| Circular interpolation milling $\varnothing D_{min}$ | 33 mm            |
| Ramping angle $\alpha_{max}$                         | 2.79 degrees     |
| Ramping length L for $\alpha_{max}$                  | 7.4 mm           |
| Setting angle $\kappa$                               | 10 degrees       |
| Shank type   | Weldon shank     |
| Milling application                                  | Plunging         |
| Milling application                                  | Circular milling |
| Milling application                                  | Ramping          |
| Machining strategy                                   | HPC              |
| Type of product                                      | Copy mill        |

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## Accessories

|                |        |
|----------------|--------|
| Clamping screw | 229717 |
|----------------|--------|