

# INDEXABLE INSERTS with concave moulding

## Premium-quality – high precision



### Facts

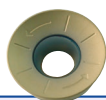
- ⊕ precision sintered inserts with concave moulding, grade P 40
- ⊕ optimized, tenacious carbide substrate for roughing operations
- ⊕ easy cutting for gentle treatment of machines
- ⊕ new coating with reduced internal stress and increased adhesive property, and process reliability
- ⊕ for universal applications in all Milling Cutter Bodies with 0° axial rake angle (neutral)



| INDEXABLE INSERTS<br>with concave moulding | Catalogue No. | DIN-<br>Identification | d  | s    | r | Grade | Coating | Price each<br>EUR |
|--------------------------------------------|---------------|------------------------|----|------|---|-------|---------|-------------------|
|                                            | 02 10 848     | RDMX 1003 M0T          | 10 | 3,18 | 5 | P 40  | PVGO    |                   |
|                                            | 03 12 848K    | RDMX 12T3 M0T          | 12 | 3,97 | 6 | P 40  | PVGO    |                   |
|                                            | 04 16 848     | RDMX 1604 M0T          | 16 | 4,76 | 8 | P 40  | PVGO    |                   |

| Coating Identification |             | Colour      | Micro Hardness HV | Max. Temperature Centigrade | Coating Type | Coating thickness $\mu\text{m}$ |
|------------------------|-------------|-------------|-------------------|-----------------------------|--------------|---------------------------------|
| PVGO                   | TiALN + TiN | yellow-gold | 3150 HV           | 900°                        | PVD          | 2 upto 4,5                      |

### Identification characteristics



arrows show the knack

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# INDEXABLE INSERTS without concave moulding

## Premium-quality – high precision



### Facts

- ⊕ precision sintered inserts without concave moulding, grade HSC 05
- ⊕ very resistant special grade for High Speed Milling-operations
- ⊕ process-reliable, easy cutting and specially smooth running
- ⊕ particularly suitable for cutting hardened steel and cast iron
- ⊕ new coating with reduced friction value in steel and adhesive properties for optimized milling results



| INDEXABLE INSERTS<br>without concave moulding | Catalogue No. | DIN-<br>Identification | d  | s    | r | Grade  | Coating | Price each<br>EUR |
|-----------------------------------------------|---------------|------------------------|----|------|---|--------|---------|-------------------|
|                                               |               |                        |    |      |   |        |         |                   |
|                                               | 02 10 837     | RDMX 1003 M0T          | 10 | 3,18 | 5 | HSC 05 | PVFN    |                   |
|                                               | 03 12 837K    | RDMX 12T3 M0T          | 12 | 3,97 | 6 | HSC 05 | PVFN    |                   |

| Coating<br>Identification |       | Colour    | Micro Hardness<br>HV | Max. Temperature<br>Centigrade | Coating Type | Coating<br>thickness $\mu\text{m}$ |
|---------------------------|-------|-----------|----------------------|--------------------------------|--------------|------------------------------------|
| PVFN                      | TiAlN | blue-grey | 3300                 | upto 950°                      | PVD          | 2 upto 4                           |

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