# High-performance drill bit with indexable inserts Top Cut 4 drilling depth 2xD

for universal application up to 1300 N/mm<sup>2</sup>, in diameter range of 12.00 mm to 55.00 mm

## Application:

High-performance drilling in the diameter range of 12.00 mm–55.00 mm and at drilling depths of 2xD for the steel, stainless steel, aluminium and cast iron material groups. With medium requirements for surface quality and tolerance

## Execution:

 Four easily selectable cutting material types and four chip shape geometries for machining steel, stainless steel, aluminium, cast iron as well as superalloys and titanium

## Advantage:

- Four true cutting edges per indexable insert for the entire range
- trouble-free application for cross-drilled holes, inclined inlet and outlet holes, chain holes, convex entry surfaces and drilling in half cylinder
- Internal and external indexable inserts are designed to prevent mix-up
- The X-offset design is used to adjust the hole diameter on lathes and to optimize the tolerances on machining centres

| BrandNUDIABrandWIDIAManufacturer Part Number5537167Suitable for min. cutting diameter24 mmSuitable for max. cutting diameter25 mmShank diameter25 mmLength132.9 mmCantilever length76.9 mmMax. drilling depth (D)2xDDrill tip length0.87 mmSuitable for indexable inserts typeDProjecting length76.9 mmSuitable for cutting diameter25 mmCoolant supplyInternalShaft length56 mmCutting directionRight-hand cuttingFool holding deviceParallel shank with chuck surface ISO 9766Bore typeNormal bore, Stud hole bore, Bore from the center, Entry 45 °<br>edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore,<br>Slanted exit, Slanted entry, T-BoreGross Weight0.396 kg  |                                     |  |
|--|-------------------------------------|--|
| Manufacturer Part Number   5537167     Suitable for min. cutting diameter   24 mm     Suitable for max. cutting diameter   25 mm     Shank diameter   25 mm     Length   132.9 mm     Cantilever length   76.9 mm     Max. drilling depth (D)   2xD     Drill tip length   0.87 mm     Suitable for indexable inserts type   D     Projecting length   76.9 mm     Suitable for cutting diameter   25 mm     Coolant supply   Internal     Shaft length   56 mm     Couting direction   Right-hand cutting     Fool holding device   Parallel shank with chuck surface ISO 9766     Bore type   Normal bore, Stud hole bore, Bore from the center, Entry 45 °<br>edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore,<br>Slanted exit, Slanted entry, T-Bore     Gross Weight   0.396 kg   | Art. no.                            | 11214 240  |
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| Slanted exit, Slanted entry, T-Bore   Gross Weight 0.396 kg  | Bore type                           | Normal bore, Stud hole bore, Bore from the center, Entry 45 $^\circ$ |
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| Product Group 1XB  | Gross Weight                        | 0.396 kg   |
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