

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

WIDIA

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 4xD 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

<b>Art. no.</b>	<b>11219 120</b>
<b>Brand</b>	WIDIA
<b>Manufacturer Part Number</b>	5537869
<b>Suitable for min. cutting diameter</b>	12 mm
<b>Suitable for max. cutting diameter</b>	12.5 mm
<b>Shank diameter</b>	20 mm
<b>Length</b>	117.4 mm
<b>Cantilever length</b>	67.4 mm
<b>Max. drilling depth (D)</b>	4xD
<b>Drill tip length</b>	0.43 mm
<b>Suitable for indexable inserts type</b>	A
<b>Projecting length</b>	67.4 mm
<b>Suitable for cutting diameter</b>	12.5 mm
<b>Coolant supply</b>	Internal
<b>Shaft length</b>	50 mm
<b>Cutting direction</b>	Right-hand cutting
<b>Tool holding device</b>	Parallel shank with chuck surface ISO 9766
<b>Bore type</b>	Normal bore, Stud hole bore, Bore from the center, Entry 45 ° edge, Half bore, Chain bore, Convex entry, L-Bore, Cross bore, Slanted exit, Slanted entry, T-Bore
<b>Gross Weight</b>	0.202 kg
<b>Product Group</b>	1XB

### EAN

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