

## Modular drilling system Top Drill M1 drilling depth 3xD

for universal application up to 1300 N/mm<sup>2</sup>, in diameter range of 8.00 mm to 25.99 mm

**WIDIA** 

### Application:

high-performance drilling in the diameter range 8.00 mm to 25.99 mm and at drilling depths of 3xD for universal use up to 1300 N/mm<sup>2</sup>



### Execution:

- The unique front-side clamping system allows you to quickly replace the cutting inserts in the machine tool. This reduces ancillary and production costs
- The tool body is supplied with cutting body spanner

### Advantage:

- Universal geometry for steel, cast iron and stainless steel
- Low cutting forces and excellent self-centring capability
- No regrinding costs
- Consistent quality from cutting edge to cutting edge

<b>Art. no.</b>	<b>11221 140</b>
<b>Brand</b>	WIDIA
<b>Manufacturer Part Number</b>	3850938
<b>Suitable for min. cutting diameter</b>	14 mm
<b>Suitable for max. cutting diameter</b>	14.49 mm
<b>Shank diameter</b>	16 mm
<b>Length</b>	113.5 mm
<b>Cantilever length</b>	65.5 mm
<b>Shaft length</b>	48 mm
<b>Drill tip length</b>	2.66 mm
<b>Suitable for indexable inserts type</b>	W22
<b>Max. drilling depth (D)</b>	3xD
<b>Coolant supply</b>	Internal
<b>Tool holding device</b>	Parallel shank with chuck surface ISO 9766
<b>Bore type</b>	Normal bore, Stud hole bore
<b>Gross Weight</b>	0.239 kg
<b>Product Group</b>	1XB

### EAN

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