

**Garant****VBGW 160404 FN, MCD, Cutting edge version: NS****Order data**

Order number	266016 NS
GTIN	4062406275846
Item class	21L

**Description****Version:**

**MCD** - mono-crystalline diamond, laser-profiled cutting edges. Honing for synthetic materials (PMMA, POM, acrylics etc.).

**Application:**

For very fine machining for the best finishing surfaces.

**Recommendation:**

For the best results use the GARANT eco system. Alternatively all suitable ISO tool holders and boring bars can be used.

Facility for resharpening: yes

Grade: MCD

Chip breaker: NS

Tolerance: 1

Cutting depth  $a_p$ : 0.01 - 0.2 mm

Feed  $f$ : 0.005 - 0.04 mm/rev.

Cutting speed  $v_c$  main application: 100 - 1400 m/min

**Technical description**

Finishing/roughing assignment	Finishing
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ISO code indexable insert	VBGW 160404 FN
Coating	uncoated
Chip breaker	NS
Cutting speed $v_c$ main application	100 - 1400 m/min
Tool material	MCD
Feed $f$	0.005 - 0.04 mm/rev.
Cutting depth $a_p$	0.01 - 0.2 mm
Cutting conditions	continuous
Corner radius	0.4 mm
Grade	MCD
Number of changes/inserts	1
Tolerance	1
Product name attribute	MCD
Facility for resharpener	yes
Type of product	Indexable insert for turning