



VIB STAR precision grinding wheel DIAMANT D×T×H (mm) D126, 225×15×51, Coating thickness X: 3 mm



Order data

Order number	592045 3
GTIN	9003173021330
Item class	53Y

Description

Version:

Surface grinding and external cylindrical grinding wheels, **highly developed**, with **super-abrasives** (CBN or diamond) in synthetic resin bonding. The high-strength, **vibration-optimised VIB STAR grinding wheel base body** permits a **high damping** for a smooth, even grinding process with high surface quality.

- **Extreme performance improvement (G-factor) compared to conventional grinding media.**
- **The vibration-damping design of the carrier body significantly increases the working life.**
- **Continuous self-sharpening effect due to even power consumption and avoidance of cyclical sharpening operations.**

Diamond coating for high performance grinding of **short chipping non-ferrous materials** such as carbide, ceramic materials (PCS), hard coatings.

Application:

- **General use for all materials from a hardness of about 58 HRC (limit of economic use).**
- **For surface grinding and external cylindrical grinding (straight longitudinal grinding, recess grinding).**

- Can be used on all commercially available grinding machines for tool and die making and machine tool building, e.g. Jung, ABA, Blohm, Elb, Mägerle, Ziersch & Hotz, Jones & Shipman.
- Cooling with emulsion or grinding oil is necessary.
- Superabrasive CBN / diamond grinding wheels are always used with less than half the wheel width compared to that for conventional grinding wheels.

Specification:**D126C75B-VIB-STAR W-Carbide.****Note:**

Before initial grinding, these grinding wheels can be dressed on a soft steel block at an infeed of approx. 0.02 mm. Alternatively with a dressing tool No. 599600. Sharpen grinding wheels (opening up the bonding) using sharpening stone No. 599840.

Shape: 1A1

Abrasive coating height X: 3 mm

Technical description

Grinding process	External cylindrical
Grinding process	Surface grinding
Grinding media	Diamond
Grinding medium code	D
Specification	D126C75B-VIB-STAR tungsten carbide
Shape	1A1
Disc Ø D	225 mm
Disc thickness T	15 mm
Product name attribute	225×15×51
Bore Ø H	51 mm
Abrasive coating width U	15 mm
Abrasive coating height X	3 mm
Type of product	Grinding wheel