VIB STAR precision grinding wheel DIAMANT D×T×H (mm) D126, 400×20×127, Coating thickness X: 3mm

Order data

Order number	592065 3
GTIN	9003173021323
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.

Technical description

Specification	D126C75B-VIB-STAR W-Carbide
Grinding process	External cylindrical
Grinding process	Surface grinding
Grinding media	Diamond
Grinding medium code	D
Shape	1A1
Disc ∅ D	400 mm
Disc thickness T	20 mm
Product name attribute	400×20×127
Bore ∅ H	127 mm
Abrasive coating width U	20 mm
Abrasive coating height X	3 mm
Type of product	Cutting disc

User data

	Suitability	V_c	ISO code
Carbide (HM)	suitable		
Ti	suitable only under restricted conditions		

Plastic, GRP	suitable only under restricted conditions
wet maximum	suitable