



Precision external cylindrical grinding wheel D×T×H (mm), 500×40×203.2, Type: A80



Order data

Order number	594593 A80
GTIN	9003176559274
Item class	53Y

Description

Version:

High performance external cylindrical grinding wheels in ceramic bonding. The grinding wheel structure incorporates the optimum match of grit volume and bonding volume; bonding strength and manufacturing process are characterised by:

- **High cutting effectiveness and reduced grinding times with low wear.**
- **Low thermal loading, cool cutting.**
- **Long cycles between dressing operations mean reduced downtime.**

Sintered aluminium oxide for longer working life and better metal removal rate. Particularly suitable for **high alloy steels / HSS**.

Application:

- **For general use in external cylindrical grinding (straight/ oblique longitudinal grinding, recess grinding).**
- **For use on all grinding machines generally used for tool and die making, and machine tool building (e.g. Kellenberger, Studer, Schaudt, Tschudin, etc.)**
- **Cooling with emulsion is necessary, good lubrication on long-chipping materials is absolutely necessary.**

Specification:

SD83A80II7PVK8F

Note:

Suitable also for surface grinding.

Technical description

Grinding process	External cylindrical
Grinding media	Sintered aluminium oxide
Grinding medium code	A
Specification	SD83A80II7PVK8F
Shape	1
Disc Ø D	500 mm
Disc thickness T	40 mm
Product name attribute	500×40×203.2
Bore Ø H	203.2 mm
Type of product	External cylindrical grinding wheel

User data

	Suitability	V _c	ISO code
Steel < 55 HRC	suitable		
Steel < 60 HRC	suitable		
Steel < 67 HRC	suitable		
INOX	suitable only under restricted conditions		
wet maximum	suitable		