



**Precision external cylindrical grinding wheel D×T×H (mm), 400×60×127,  
Type: A80**



## Order data

Order number	594592 A80
GTIN	9003176559212
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	400 mm
Disc thickness T	60 mm
Product name attribute	400×60×127
Bore Ø H	127 mm
Type of product	External cylindrical grinding wheel

**User data**

	Suitability	V <sub>c</sub>	ISO code
Steel < 55 HRC	suitable		
Steel < 60 HRC	suitable		
Steel < 67 HRC	suitable		
INOX	suitable only under restricted conditions		
wet maximum	suitable		