



**Precision external cylindrical grinding wheel D×T×H (mm), 400×40×127,  
Type: A80**



### Order data

Order number	594345 A80
GTIN	9003176201180
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.**

**Specification: 89A 802J5 AV217.** Aluminium oxide for **general purpose** use.

#### 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.**

#### Note:

Suitable also for surface grinding.

Shape: 1

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## Technical description

Grinding process	External cylindrical
Grinding media	Electro-bonded Aluminium Oxide
Grinding medium code	A
Specification	89A 80J5 AV217
Shape	1
Disc Ø D	400 mm
Disc thickness T	40 mm
Product name attribute	400×40×127
Bore Ø H	127 mm
Type of product	External cylindrical grinding wheel

## User data

	Suitability	V <sub>c</sub>	ISO code
Steel < 900 N/mm <sup>2</sup>	suitable		
Steel < 1400 N/mm <sup>2</sup>	suitable		
Steel < 55 HRC	suitable		
Steel < 60 HRC	suitable		
INOX	suitable only under restricted conditions		
GG(G)	suitable only under restricted conditions		
Uni	suitable		
wet maximum	suitable		