

**Precision surface grinding wheel D×T×H (mm), 200×20×51****Order data**

|              |               |
|--------------|---------------|
| Order number | 591106        |
| GTIN         | 9003177096624 |
| Item class   | 53Y           |

**Description****Version:**

High performance surface grinding wheels with high-porosity bonding system for reduced thermal loading and minimal dressing diamond wear.

- **Universally applicable for reciprocating grinding processes, which significantly reduces the frequency of wheel changes in daily operation.**
- **For use on all commercially available grinding machines for tool and die making and machine tool building, e.g. Jung, ABA, Blohm, Elb, Mägerle, Ziersch & Baltrusch, Geibel & Hotz, Jones & Shipman.**
- **Cooling with emulsion is necessary, ensure good lubrication, especially on long-chipping materials.**

Special Aluminium Oxide for grinding **high-alloy hardened steels, case-hardened and tool steels, Stellite and chilled cast iron**. Especially for hard materials, because of better penetration into the material, the specification of 80 grit achieves optimum results.

**Specification:**

SD78A80II8PVB3F

**Note:**

Profile surface grinding wheels available on request.

**Technical description**

|                        |                         |
|------------------------|-------------------------|
| Grinding process       | Surface grinding        |
| Grinding media         | Special aluminium oxide |
| Grinding medium code   | A                       |
| Specification          | SD78A80I18PVB3F         |
| Shape                  | 1                       |
| Disc Ø D               | 200 mm                  |
| Disc thickness T       | 20 mm                   |
| Product name attribute | 200×20×51               |
| Bore Ø H               | 51 mm                   |
| Type of product        | Flat grinding wheel     |

## User data

|                                | Suitability                               | V <sub>c</sub> | ISO code |
|--------------------------------|---|----------------|----------|
| Steel < 900 N/mm <sup>2</sup>  | suitable only under restricted conditions |                |          |
| Steel < 1400 N/mm <sup>2</sup> | suitable only under restricted conditions |                |          |
| Steel < 55 HRC                 | suitable                                  |                |          |
| Steel < 60 HRC                 | suitable only under restricted conditions |                |          |
| Steel < 67 HRC                 | suitable only under restricted conditions |                |          |
| INOX                           | suitable only under restricted conditions |                |          |
| Ti                             | suitable only under restricted conditions |                |          |
| GG(G)                          | suitable only under restricted conditions |                |          |
| Uni                            | suitable only under restricted conditions |                |          |
| wet maximum                    | suitable                                  |                |          |

