

TECHNICAL SPECIFICATION

250mm x 32mm x 31.75mm x 120g
AL/OX Carbide Bench Grinder Wheel

PRODUCT DESCRIPTION

Made from premium quality, high grade aluminium oxide (grey) abrasive grit. Abracs Vitrified AL/OX Bench Grinder Wheels are engineered with precision for extensive product life and cool and consistent grinding on a wide range of metals. Designed for use on a bench grinder or pedestal grinder for deburring and sharpening.

FEATURES & BENEFITS

- 3,060 Maximum RPM
- Produced to European safety standards
- Suitable for use on Mild Steel & Hard Steel



PRODUCT SPECIFICATION

| | |
|-----------------|---|
| PRODUCT | 250mm x 32mm x 31.75mm x 120g AL/OX Bench Grinder Wheel |
| BRAND | Phoenix |
| CODE | PHGW25032A120 |
| FORM | F1 |
| TYPE | Vitrified Grinding Wheel |
| DIMENSIONS | 250mm x 32mm x 31.75mm x 120g |
| GRADE | 11A120M6VL |
| OPERATING SPEED | 3,060rpm - 40 M/S |

PRODUCT CHARACTERISTICS

| CHARACTERISTICS | VALUE | TOLERANCES | CONTROL METHODS |
|--------------------------|-------|------------|------------------|
| THICKNESS | 32mm | +/- 1.5mm | Caliper |
| HARDNESS | TS | +/- 1TS | Method Mackensen |
| DIAMETER | 250mm | +/- 3.2mm | Caliper |
| RADIAL RUN OUT TOLERANCE | mm | 0.5 | Measure Clock |
| AXIAL RUN OUT TOLERANCE | mm | 0.3 | Measure Clock |
| UNBALANCE | K | 0.25 | ISO 6103 |

FIRST AID

Eyes (irritant) -

Treat as foreign body in eye. Wash with clean water. If irritation persists seek medical advice.

Skin -

Wash well with soap and water.

Inhalation (non-toxic) -

Classed as nuisance dust, May aggravate respiratory complaints, May cause throat or chest irritation if exposure is high or prolonged, If breathing is difficult move to fresh air and seek medical advice.

Ingestion -

Non-toxic but ingestion should be avoided.

HANDLING & DISPOSAL

Spillage -

Collect up and dispose of in general waste skip.

Disposal -

Landfill tip or as for general factory wastes.

Storage -

Avoid impact damage, particularly to vitrified products. Goods should be stored in suitable storage environment.

Use -

Abrasive wheel regulations apply. Courses available from Abracs Ltd on site or at their HQ.

FIRE/EXPLOSION DATA

Flash Point -

Not Applicable

Extinguishing Media -

Incombustible

Special Procedures -

None required

CONTROL MEASURES

Ventilation -

Good local exhaust ventilation is essential for dry grinding operations. Use a dust mask for nuisance dusts if the dust control is not adequate.

Eye protection -

Good eye protection is essential. Use approved safety goggles.

Gloves -

Use approved safety gloves.

Hygiene -

Good personal hygiene should always be practiced.

Other -

Hearing protection as required.