GRINDING DISCS

ABRASIVE METAL GRINDING DISCS / WHEELS

Smith & ARROW depressed centre Grinding Discs are excellent for grinding steel and all metal. This is a commercial grade product that is of superior quality. Effective grinding requires fabricators to apply enough pressure at the correct angle to let the grains remove the most metal in the shortest time, while not prematurely wearing the disc or burning out the grinding tool. Smith & ARROW grinding wheels will assist with this process, allowing you to grind effectively, with low disc turnover. Our grinder discs are optimised for heavy industrial usage, providing the most efficient output on high powered angle grinders in removing welds, preparing welds and general surface grinding. Additionally, all our grinding wheels are certified to the Australian Standard "5 Tick Mark". This means our safety and quality are of the highest standard possible. Grinding discs are available in 3” 70mm / 4” 100mm / 4.5” 115mm / 5” 125mm / 7” 180mm / 9” 225mm and are designed for use on an angle grinder. If you're looking for more, see our abrasives mixed pack here.

****AUSTRALIAN STANDARD AS1788.11987 by SAI Global - “5 Tick” Certified Product****

3" 71MM METAL GRINDING DISCS

BOX SIZE PRICE PER DISC

Box 5	$4.59
Box 10	$2.50
Box 25	$1.40
Box 50	$1.20

- **71mm x 6.4mm x 10mm**
- **For Die Grinder / Air Tool**
- **Excellent for grinding all steel and metal**
- **Australian Certified by SAI Global**
- **FAQs**

c Expand AllC Collapse All

Grinding Discs

a

Can angle grinders be used without a guard?

An angle grinder must never be used without its safety guard under any circumstances. The guard is there to protect the user from fragments should a cutting or grinding wheel shatter or explode. There are many reasons why a cutting or grinding wheel, even if it is the correct size for that sized angle grinder may fail during use, and as such making sure the guard is never removed is critical to user safety. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia, and ensuring safety guards are kept in place while the tool is in use goes a long way towards preventing injury or death to Australian workers.

a

Why is the maximum speeds (rpm or m/s) for grinding wheels so important?

Different sizes tools eg. angle grinders, run at different speeds. For example, a 125mm 5″ angle grinder runs at almost twice the speed of a 230mm 9″ angle grinder. All bonded abrasive wheels such as cutting and grinding wheels will explode through centrifugal force if they are run at a speed higher than what they are rated at. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia.

a

What are recommended maximum speeds (rpm and m/s) for Grinding Discs?

Size of Disc	Maximum RPMs
3”, 75mm	21,800rpm
4”, 100mm	15,200rpm
4.5”, 115mm	13,600rpm
5”, 125mm	12,250rpm
7”, 180mm	8,500rpm
9”, 230mm	6,500rpm

a

What material should I use a Grinding Disc on?

Best for grinding mild steel, carbon steel, alloy steel, high speed steel, malleable iron, wrought iron, and bronzes and similar metals. For grinding stainless steel it is best to use zirconia flap discs.

Load More

Box Size Box 5, Box 10, Box 25, Box 50

Read More

SKU: GW70

Price: From: $22.95

4" 100MM METAL GRINDING DISCS

BOX SIZE PRICE PER DISC

Box 5	$4.59
Box 10	$3.30
Box 25	$2.20
Box 50	$1.80
Box 100	$1.50

- **100mm x 6.4mm x 16mm**
- **Excellent for grinding all steel and metal**
- **Australian Certified by SAI Global**
- **FAQs**

c Expand AllC Collapse All

Grinding Discs

a

Can angle grinders be used without a guard?

An angle grinder must never be used without its safety guard under any circumstances. The guard is there to protect the user from fragments should a cutting or grinding wheel shatter or explode. There are many reasons why a cutting or grinding wheel, even if it is the correct size for that sized angle grinder may fail during use, and as such making sure the guard is never removed is critical to user safety. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia, and ensuring safety guards are kept in place while the tool is in use goes a long way towards preventing injury or death to Australian workers.

a

Why is the maximum speeds (rpm or m/s) for grinding wheels so important?

Different sizes tools eg. angle grinders, run at different speeds. For example, a 125mm 5″ angle grinder runs at almost twice the speed of a 230mm 9″ angle grinder. All bonded abrasive wheels such as cutting and grinding wheels will explode through centrifugal force if they are run at a speed higher than what they are rated at. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia.

a

What are recommended maximum speeds (rpm and m/s) for Grinding Discs?

Size of Disc	Maximum RPMs
3”, 75mm	21,800rpm
4”, 100mm	15,200rpm
4.5”, 115mm	13,600rpm
5”, 125mm	12,250rpm
7”, 180mm	8,500rpm
9”, 230mm	6,500rpm

a

What material should I use a Grinding Disc on?

Best for grinding mild steel, carbon steel, alloy steel, high speed steel, malleable iron, wrought iron, and bronzes and similar metals. For grinding stainless steel it is best to use zirconia flap discs.

Load More

Box Size Box 5, Box 10, Box 25, Box 50, Box 100

Read More

SKU: GW100

Price: From: $22.95

4.5" 115MM METAL GRINDING DISCS

BOX SIZE PRICE PER DISC

Box 5	$4.39
Box 10	$3.30
Box 25	$2.20
Box 50	$2.00
Box 100	$1.70

- **115mm x 6.4mm x 22.23mm**
- **Excellent for grinding all steel and metal**
- **Australian Certified by SAI Global**
- **FAQs**

c Expand AllC Collapse All

Grinding Discs

a

Can angle grinders be used without a guard?

An angle grinder must never be used without its safety guard under any circumstances. The guard is there to protect the user from fragments should a cutting or grinding wheel shatter or explode. There are many reasons why a cutting or grinding wheel, even if it is the correct size for that sized angle grinder may fail during use, and as such making sure the guard is never removed is critical to user safety. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia, and ensuring safety guards are kept in place while the tool is in use goes a long way towards preventing injury or death to Australian workers.

a

Why is the maximum speeds (rpm or m/s) for grinding wheels so important?

Different sizes tools eg. angle grinders, run at different speeds. For example, a 125mm 5″ angle grinder runs at almost twice the speed of a 230mm 9″ angle grinder. All bonded abrasive wheels such as cutting and grinding wheels will explode through centrifugal force if they are run at a speed higher than what they are rated at. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia.

a

What are recommended maximum speeds (rpm and m/s) for Grinding Discs?

Size of Disc	Maximum RPMs
3”, 75mm	21,800rpm
4”, 100mm	15,200rpm
4.5”, 115mm	13,600rpm
5”, 125mm	12,250rpm
7”, 180mm	8,500rpm
9”, 230mm	6,500rpm

a

What material should I use a Grinding Disc on?

Best for grinding mild steel, carbon steel, alloy steel, high speed steel, malleable iron, wrought iron, and bronzes and similar metals. For grinding stainless steel it is best to use zirconia flap discs.

Load More

Box Size Box 5, Box 10, Box 25, Box 50, Box 100

Read More

SKU: GW115

Price: From: $21.95

5" 125MM METAL GRINDING DISCS

BOX SIZE PRICE PER DISC

Box 5	$5.19
Box 10	$3.90
Box 25	$2.60
Box 50	$2.00
Box 100	$1.90

- **125mm x 6.4mm x 22.23mm**
- **Excellent for grinding all steel and metal**
- **Australian Certified by SAI Global**
- **FAQs**

c Expand AllC Collapse All

Grinding Discs

a

Can angle grinders be used without a guard?

An angle grinder must never be used without its safety guard under any circumstances. The guard is there to protect the user from fragments should a cutting or grinding wheel shatter or explode. There are many reasons why a cutting or grinding wheel, even if it is the correct size for that sized angle grinder may fail during use, and as such making sure the guard is never removed is critical to user safety. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia, and ensuring safety guards are kept in place while the tool is in use goes a long way towards preventing injury or death to Australian workers.

a

Why is the maximum speeds (rpm or m/s) for grinding wheels so important?

Different sizes tools eg. angle grinders, run at different speeds. For example, a 125mm 5″ angle grinder runs at almost twice the speed of a 230mm 9″ angle grinder. All bonded abrasive wheels such as cutting and grinding wheels will explode through centrifugal force if they are run at a speed higher than what they are rated at. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia.

a

What are recommended maximum speeds (rpm and m/s) for Grinding Discs?

Size of Disc	Maximum RPMs
3”, 75mm	21,800rpm
4”, 100mm	15,200rpm
4.5”, 115mm	13,600rpm
5”, 125mm	12,250rpm
7”, 180mm	8,500rpm
9”, 230mm	6,500rpm

a

What material should I use a Grinding Disc on?

Best for grinding mild steel, carbon steel, alloy steel, high speed steel, malleable iron, wrought iron, and bronzes and similar metals. For grinding stainless steel it is best to use zirconia flap discs.

Load More

Box Size Box 5, Box 10, Box 25, Box 50, Box 100

Read More

SKU: GW125

Price: From: $25.95

7" 180MM METAL GRINDING DISCS

BOX SIZE PRICE PER DISC

Box 5	$5.99
Box 10	$4.50
Box 25	$3.60

- **180mm x 6.4mm x 22.23mm**
- **Excellent for grinding all steel and metal**
- **Australian Certified by SAI Global**
- **FAQs**

c Expand AllC Collapse All

Grinding Discs

a

Can angle grinders be used without a guard?

An angle grinder must never be used without its safety guard under any circumstances. The guard is there to protect the user from fragments should a cutting or grinding wheel shatter or explode. There are many reasons why a cutting or grinding wheel, even if it is the correct size for that sized angle grinder may fail during use, and as such making sure the guard is never removed is critical to user safety. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia, and ensuring safety guards are kept in place while the tool is in use goes a long way towards preventing injury or death to Australian workers.

a

Why is the maximum speeds (rpm or m/s) for grinding wheels so important?

Different sizes tools eg. angle grinders, run at different speeds. For example, a 125mm 5″ angle grinder runs at almost twice the speed of a 230mm 9″ angle grinder. All bonded abrasive wheels such as cutting and grinding wheels will explode through centrifugal force if they are run at a speed higher than what they are rated at. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia.

a

What are recommended maximum speeds (rpm and m/s) for Grinding Discs?

Size of Disc	Maximum RPMs
3”, 75mm	21,800rpm
4”, 100mm	15,200rpm
4.5”, 115mm	13,600rpm
5”, 125mm	12,250rpm
7”, 180mm	8,500rpm
9”, 230mm	6,500rpm

a

What material should I use a Grinding Disc on?

Best for grinding mild steel, carbon steel, alloy steel, high speed steel, malleable iron, wrought iron, and bronzes and similar metals. For grinding stainless steel it is best to use zirconia flap discs.

Load More

Box Size Box 5, Box 10, Box 25

Read More

SKU: GW180

Price: From: $29.95

9" 230MM METAL GRINDING DISCS

BOX SIZE PRICE PER DISC

Box 5	$7.39
Box 10	$5.00
Box 25	$4.00

- **230mm x 6.4mm x 22.23mm**
- **Excellent for grinding all steel and metal**
- **Australian Certified by SAI Global**
- **FAQs**

c Expand AllC Collapse All

Grinding Discs

a

Can angle grinders be used without a guard?

An angle grinder must never be used without its safety guard under any circumstances. The guard is there to protect the user from fragments should a cutting or grinding wheel shatter or explode. There are many reasons why a cutting or grinding wheel, even if it is the correct size for that sized angle grinder may fail during use, and as such making sure the guard is never removed is critical to user safety. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia, and ensuring safety guards are kept in place while the tool is in use goes a long way towards preventing injury or death to Australian workers.

a

Why is the maximum speeds (rpm or m/s) for grinding wheels so important?

Different sizes tools eg. angle grinders, run at different speeds. For example, a 125mm 5″ angle grinder runs at almost twice the speed of a 230mm 9″ angle grinder. All bonded abrasive wheels such as cutting and grinding wheels will explode through centrifugal force if they are run at a speed higher than what they are rated at. Accidents through the misuse of angle grinders injure and kill more people than any other power tool in Australia.

a

What are recommended maximum speeds (rpm and m/s) for Grinding Discs?

Size of Disc	Maximum RPMs
3”, 75mm	21,800rpm
4”, 100mm	15,200rpm
4.5”, 115mm	13,600rpm
5”, 125mm	12,250rpm
7”, 180mm	8,500rpm
9”, 230mm	6,500rpm

a

What material should I use a Grinding Disc on?

Best for grinding mild steel, carbon steel, alloy steel, high speed steel, malleable iron, wrought iron, and bronzes and similar metals. For grinding stainless steel it is best to use zirconia flap discs.

Load More

Box Size Box 5, Box 10, Box 25

Read More

SKU: GW230

Price: From: $36.95