

METAL ATTACK

BY

NORTON

SAINT-GOBAIN

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BY NORTON
LONG LIFE




SAINT-GOBAIN

Cut-off and Grinding Wheels

Metal Attack by Norton range of cut-off and grinding wheels offer a choice of metal working products for all rough applications like cutting, grinding and polishing. They are designed for fast cutting action without compromising with the life of the product. Specially thought for requiring metal working where quality and value need to meet. Stainless range also is available on demand.

Product Advantage:

- Long life
- High performance grain provides high stock removal and fast cut
- Free of iron (for stainless steel application)
- Low grinding temperature due to special fillers
- Comply with EN12413 safety requirement

UPC	Description	Specification	Inner box (Qty)	Outer box (Qty)
Steel Grinding				
66252839962	A24S-100x6.0x16.0-T27	A24S	25	200
66252839961	A24S-180x6.0x22.23-T27	A24S	10	50
Steel Cutting				
66252846863	A30P-100x2.5x16.0-T41	A30P	25	250
66252846864	A30P-125x2.5x22.23-T41	A30P	25	100
66252848962	A30P-150x2.5x22.23-T41	A30P	20	100
66252846862	A30P-180x2.5x22.23-T41	A30P	20	100
66252846865	A24Q-350X3.0X25.4-T41	A24Q	N/A	25
Steel Light Grinding				
66252849220	AC60-100x2.5x16.0-T27	AC60	25	250
Steel & Stainless Grinding				
66252849122	A24R 100x4.0x16.0 T27	A24R	25	200
66252846872	A24R-100X6.0X16.0-T27	A24R	25	200
66252846873	A24R-125X6.0X22.23-T27	A24R	10	100
66252846874	A24R-150X6.0X22.23-T27	A24R	10	100
66252846875	A24R-180X6.0X22.23-T27	A24R	10	50
Steel & Stainless Cutting				
66252846860	A30P-100x2.5x16.0-T41	A30P	50	400
66252846861	A30P-125x2.5x22.23-T41	A30P	50	400
66252847058	A30P-150x2.5x22.23-T41	A30P	50	200
66252847059	A30P-180x2.5x22.23-T41	A30P	20	100
66252848849	A36S-100x2.0x16.0-T41	A36S	50	500
66252848850	A36S-125x2.0x22.23-T41	A36S	50	200
66252848851	A36S-150x2.0x22.23-T41	A36S	50	200
66252848852	A36S-180x2.0x22.23-T41	A36S	50	100
66252847060	A24P-350X3.0X25.4-T41	A24P	25	25
66252845755	A30R-356X3.0X25.4-T41	A30R	10	10
66252849466	A30Q-100X3.0X16.0-T27	A30Q	25	200
Steel & Stainless Ultra Thin Wheel				
66252848963	A60R-105x1.2x16.0 T41	A60R	25	800
66252849123	A46S-150x1.6x22.23 T41	A46S	100	400
66252849124	A46S-180x1.6x22.23 T41	A46S	40	200
Steel & Stainless Light Grinding				
66252849257	WA80-100x2.5x16.0-T27	WA80	25	250



Flap Discs

Metal Attack by Norton Flap discs are engineered for multiple applications including light stock removal, edge chamfering, deburring, paint & rust removal, cleaning blending and finishing. They provide a fast cut, a good finish and have the added benefit of long life and they can help reduce processing time and lower costs.

Product Description:

- **Long Life**
- Aluminum Oxide grain
- Grit Size available : P40-P120
- 100x16 mm (4")
- Plastic (75/90mm)
- Fiberglass (75/90 mm)
- Xwt Poly cotton backing (for Flap disc with backing only)
- High stock removal and fast cut



UPC	Description	Specification	Plastic shrink (Qty)	Outer box (Qty)
Flap disc with Backing				
78072753796	Flap disc with Backing 100x16 (4")	P40	10	200
78072753797	Flap disc with Backing 100x16 (4")	P60	10	200
78072753798	Flap disc with Backing 100x16 (4")	P80	10	200
78072753799	Flap disc with Backing 100x16 (4")	P100	10	200
78072753800	Flap disc with Backing 100x16 (4")	P120	10	200

UPC	Description	Specification	Inner box (Qty)	Outer box (Qty)
Flexible Flap disc without Backing				
78072753801	Flexible Flap disc 100x16 (4")	P40	10	200
78072753802	Flexible Flap disc 100x16 (4")	P60	10	200
78072753803	Flexible Flap disc 100x16 (4")	P80	10	200
78072753804	Flexible Flap disc 100x16 (4")	P100	10	200
78072753805	Flexible Flap disc 100x16 (4")	P120	10	200

Fiber Disc

Metal Attack by Norton Fiber disc is designed for all purpose weld blending, grinding, surface preparation and finishing of all metal fabrication and wood working, it comes with tough and durable fiber backing for long life and better performance. Best in class for applications where surface finish is important and grinding pressure is medium to low.



Features

- Aluminum oxide grains
- High strength vulcanized Fibre backing
- High production technology

Benefits

- Good cut-rate
- Uniform finish
- Tear resistant

Availability

- Size 4"
- Grit size 24, 36, 60, 80 to 120

Belt

Metal Attack by Norton belts can be used from grinding to polishing for most applications, with high quality Aluminum oxide coating and X-weight cloth backing for long life and extreme performance. The ideal for fast and easy sanding of various materials, soft/hard wood as well as metal surface finishing.



Features

- Aluminum oxide grain
- Semi Open Coat
- X-wt Poly cotton backing
- Resin Bond

Benefits

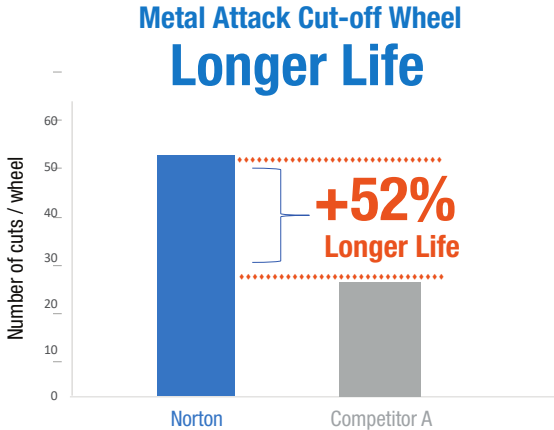
- Metal Working Application
- Ferrous/nonferrous material
- Ply wood sanding & Polishing
- Faster stock removal

Availability

- Size 4"x24"
- Grit size 40,60,80,100 and 120

Norton offers long life products that can help you save operation cost!

Cut-off Wheel

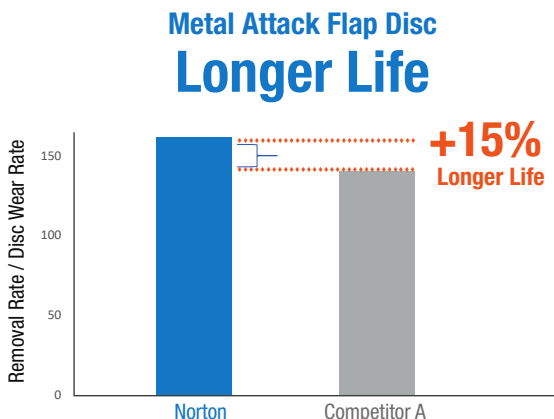


- **Application:** Grinding Metal
- **Product:** Metal Attack 4x2 cut-off wheel
- **Tool:** Angle grinder
- **Used wheel per cut:**
 - Metal Attack is 1.9
 - Competitor A is 4.11
- Annual consumption: \$18,400 USD
- Annual saving: -22%

** The results are based on comparative tests of randomly selected samples of Norton product and comparative product. The calculation and numbers are for reference only, which are made based on the general assumption of average machine in the market, the price level of Norton product and the competitors are their average market price, and therefore the results are not committed in any specific case.

Case Study: Customer X
Annual cost saving: **\$ -9,400 USD**

Flap Disc



- **Application:** Grinding Metal
- **Product:** Metal Attack Flap Disc
- **Tool:** Angle grinder
- **G-Ratio:**
 - Metal Attack is 7.31
 - Competitor A is 5.85
- Annual consumption: \$13,000 USD
- Annual saving: -13%

** The results are based on comparative tests of randomly selected samples of Norton product and comparative product. The calculation and numbers are for reference only, which are made based on the general assumption of average machine in the market, the price level of Norton product and the competitors are their average market price, and therefore the results are not committed in any specific case.

Case Study: Customer X
Annual cost saving: **\$ -1,700 USD**



Saint-Gobain Abrasives South-East Asia



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