

NORTON
SAINT-GOBAIN

METAL RightCut

CASE STUDY

Norton Metal RightCut Cut-Off
Wheels versus Competitive
Aluminum Oxide Cut-Off Wheel

APPLICATION: **WELD GRINDING** / MARKET: **WELDING**

THE CUSTOMER'S CHALLENGE

Cutting-off through 2-1/2" thick carbon steel in a job shop.

MACHINE: DeWalt D28402 4-1/2" portable grinder
AMPS: 10 Amp
RPM: 11,000
COMPONENT: 2-1/2" thick carbon steel

INCUMBENT INFORMATION/PERFORMANCE

Incumbent Wheel: 4-1/2 x 3/64 x 78 Type 01/41 cut-off wheel

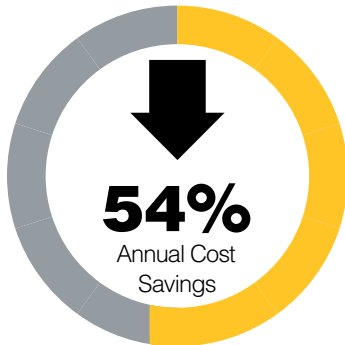
vs.

NORTON PRODUCT INFORMATION/PERFORMANCE

Norton Wheel: Norton Metal 4/1 x .040 x 7/8 Type 01/41 cut-off wheel
(UPC: 662533**70222**)

Performance:

Cut material with same operator in the same application. Time took slightly longer per cut with Norton Metal, but wheel wear was identical with a significantly lower cost.



Cost Savings

Norton end-user price was one dollar USD less than the competitive wheel. With a usage of 1200 wheels per year the customer would save \$1,200 dollars annually. Customer switched to Norton Metal and will give us opportunities to test against other products.

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