

PREMIUM ABRASIVE SOLUTIONS FOR METAL WORKING

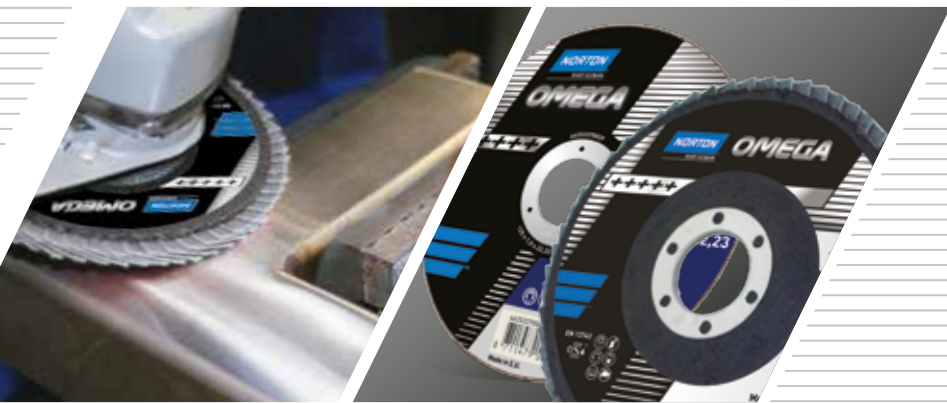


EXCEPTIONAL
CUTTING SPEED

ULTIMATE
STOCK REMOVAL

FOR THE
TOUGHEST JOBS

EXTREMELY
COMFORTABLE



NORTON

SAINT-GOBAIN®

OMEGA





OMEGA

INCREASE YOUR PRODUCTIVITY, REDUCE YOUR COST

Norton Omega cutting-off, grinding wheels and flap discs work faster and last longer than standard products, saving you time, money and increasing productivity.

Omega offers the 'Best' tier Norton quality for all applications found in metal fabrication industries.



CUTTING-OFF
Cut-off wheel for correct dimensioning.



HEAVY DUTY GRINDING
Grinding wheels to remove welds and burrs.



STOCK REMOVAL
Flap Disc to remove heavy weld seams and excess material.

CUTTING-OFF & GRINDING WHEELS

Premium sharp aluminium oxide grain and superior bond system provide exceptional performance in even the most demanding cutting and grinding applications on metal.



SCAN TO
WATCH THE
VIDEO ONLINE



HOW OMEGA CAN BENEFIT YOU

Reduce wasted tool change over time, maximise throughput, increase productivity and save you money. Part of Norton's 'Best' tier offering, Omega provides advantages throughout the application process with higher material removal rates, faster cutting action and product life 20% longer than the closest competitor.

Omega is optimised for heavy usage in industrial processes, providing the most efficient output on high

powered angle grinders for the most efficient output and performance whether cutting steel, stainless steel, hard alloys (all types), large work pieces, thin walled material or removing and preparing welds and general surface grinding.

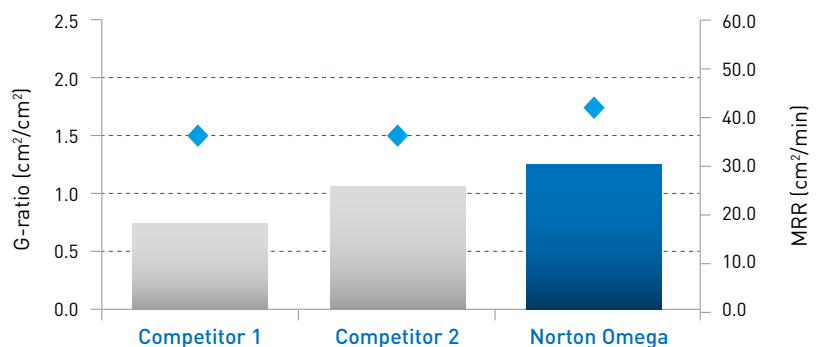
Finally, Omega is iron, sulphur and chlorine free meaning no contamination transferred to the work piece.

INTERNAL TEST 1: CUTTING-OFF

Metal: Stainless steel
Wheel: 125mm
Machine: Angle grinder

Omega showed a higher material removal rate and G-ratio than both competitor 1 and 2 wheels under controlled conditions during internal testing.

■ G-ratio (Competitors) ■ G-ratio (Norton Omega)
◆ MRR (cm²/min)



FLAP DISCS

With 100% Norzon grain to guarantee a fast and aggressive cut on all materials, a special poly-cotton backing designed to offer consistent wear and longer life, Omega flap discs perform at optimum level longer than any other zirconia flap disc.



HOW OMEGA CAN BENEFIT YOU

Omega flap discs offer a higher and faster metal removal rate than standard products. Designed to work on both carbon steel and stainless steel, Omega can provide a 20% increase in cut rate and 30% increase in product life. Thanks to a consistent renewal of fresh cutting grains due to the engineered backing system, Omega significantly reduces glazing - loss of cut rate due to formation of material over the cutting edge of

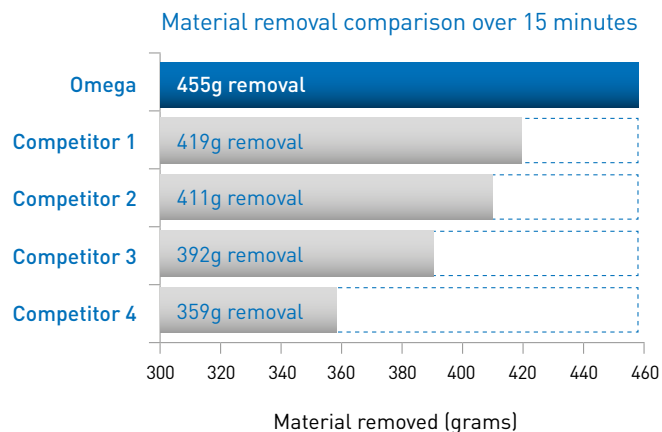
the abrasive grains. High vibration levels often found when using an angle grinder are significantly reduced as the new cloth backing improves comfort during use.

A number of grades are available for heavy stock removal with coarse grit. Finer grits are also available for blending and finishing.

INTERNAL TEST 2: GRINDING

Application: Robotic Angle grinder test (15 mins)
Metal: Carbon steel St37
Material dims: 10mm x 300mm
Grit size: P40
Pressure: 3 kg
Machine: Electric angle grinder 1400W
Speed: 80m/s

Omega removed up to 21% more material than competitors over a 15 minute trial.



For tougher, more aggressive applications where more power is needed, Omega offers a range of discs with higher density and stronger flaps for extreme material removal and extra long life.

CUTTING-OFF & GRINDING WHEELS



TYPE 41



METAL INOX



SIZE	THICKNESS x HOLE	SPECIFICATION	M/S	QTY	ART NO.
115	1,0x22,23*	A 60 W	80	25	66253370025
	1,6x22,23	A 46 W	80	25	66253370026
	2,0x22,23	A 36 W	80	25	66253370027
	2,5x22,23	A 36 W	80	25	66253370028
125	1,0x22,23*	A 60 W	80	25	66253370029
	1,6x22,23	A 46 W	80	25	66253370030
	2,0x22,23	A 36 W	80	25	66253370031
	2,5x22,23	A 36 W	80	25	66253370032
150	1,6x22,23	A 46 W	80	25	66253370033
180	1,6x22,23	A 46 W	80	25	66253370034
	2,0x22,23	A 36 W	80	25	66253370035
230	1,9x22,23	A 36 W	80	25	66253370036
	2,0x22,23	A 36 W	80	25	66253370037
	2,5x22,23	A 36 W	80	25	66253370039

*Ultra thin wheel upgrade



TYPE 42



METAL INOX



SIZE	THICKNESS x HOLE	SPECIFICATION	M/S	QTY	ART NO.
115	2,5x22,23	A 36 W	80	25	66253370040
125	2,5x22,23	A 36 W	80	25	66253370041
125	4,0x22,23	A 24 S	80	10	66253370042
180	2,5x22,23	A 36 W	80	25	66253370043
230	2,5x22,23	A 36 W	80	25	66253370044



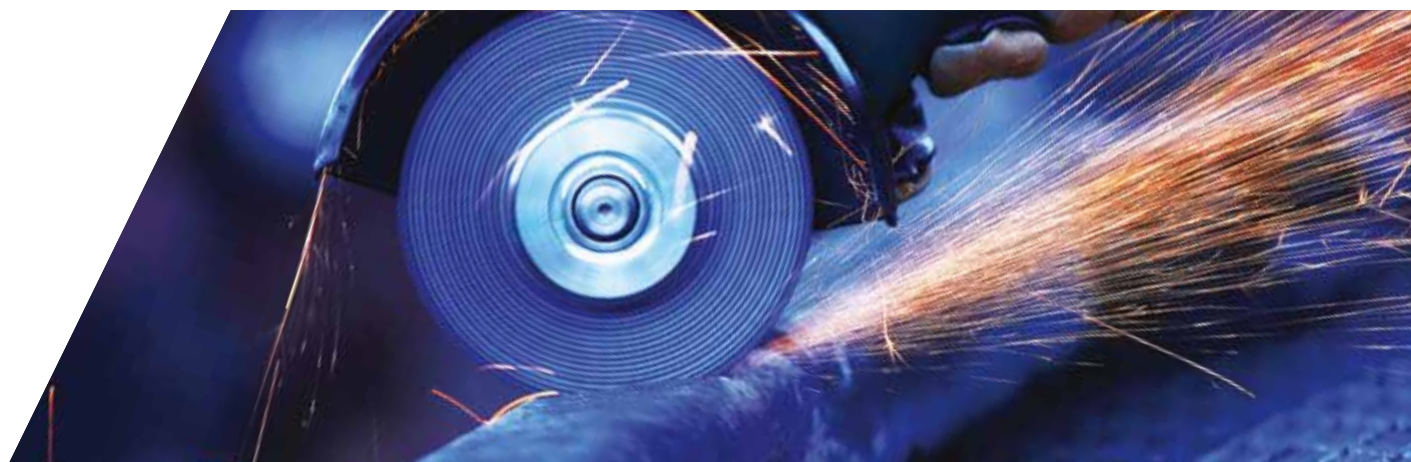
TYPE 27



METAL INOX



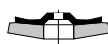
SIZE	THICKNESS x HOLE	SPECIFICATION	M/S	QTY	ART NO.
115	7,0x22,23	A 24 S	80	10	66253370045
125	7,0x22,23	A 24 S	80	10	66253370046
150	7,0x22,23	A 24 S	80	10	66253370047
180	7,0x22,23	A 24 S	80	10	66253370048
230	7,0x22,23	A 24 S	80	10	66253370050



FLAP DISCS



CONCIAL FIBRE PAD STANDARD & HIGH DENSITY FLAPS



FERR.
& NON
FERR.

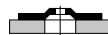


SIZE	GRIT	M/S	QTY	STANDARD	HIGH DENSITY
115 x 22	40	80	10	63642502475	63642502456*
	60	80	10	63642502476	63642502449*
	80	80	10	63642502477	63642502462*
	120	80	10	63642502478	-
125 x 22	40	80	10	63642502480	63642502463
	60	80	10	63642502483	63642502464
	80	80	10	63642502484	63642502465
	120	80	10	63642502485	-
150 x 22	40	80	10	63642502490	-
	60	80	10	63642502491	-
	80	80	10	63642502493	-
	120	80	10	63642502494	-
180 x 22	40	80	10	63642502486	-
	60	80	10	63642502487	-
	80	80	10	63642502488	-
	120	80	10	63642502489*	-

*Made to order



FLAT PAD FIBRE



FERR.
& NON
FERR.



SIZE	GRIT	M/S	QTY	FIBRE
115 x 22	40	80	10	63642502439
	60	80	10	63642502440
	80	80	10	63642502442
	120	80	10	63642502447
125 x 22	40	80	10	63642502444
	60	80	10	63642502445
	80	80	10	63642502448
	120	80	10	63642502450



FLAT PAD PLASTIC & REINFORCED PLASTIC



FERR.
& NON
FERR.



SIZE	GRIT	M/S	QTY	PLASTIC	REINFORCED PLASTIC
115 x 22	40	80	10	63642502451	63642502466
	60	80	10	63642502452	63642502474*
	80	80	10	63642502454*	-
	120	80	10	63642502455*	-
125 x 22	40	80	10	63642502457	-
	60	80	10	63642502458	-
	80	80	10	63642502460	-
	120	80	10	63642502461	-

For further information about product availability, please contact your local customer service representative. *Made to order

www.norton.eu

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Form # 2747