

100+ years of expertise.

3M reinvented abrasives with 3M™ Cubitron™ II products. The secret lies in the revolutionary Precision Shaped Ceramic Grain technology pioneered by 3M. As the triangular-shaped grain wears, it continuously fractures to form sharp points and edges that slice through metal – fast cutting, wearing evenly, and providing super-long life at any grinding pressure when compared to conventional abrasive minerals.

3M™ Cubitron™ II products are designed for fast cutting to help get the job done faster, thereby reducing “trigger time” on the tools.

Finishing and surface conditioning

Scotch-Brite™ Surface Conditioning Products offer a design that is precisely engineered to deliver a more uniform, consistent finish time after time. The result – improved productivity, significant cost savings and a consistent repeatable finish. Scotch-Brite™ surface conditioning products help you to generate more efficient ways of working and cut costs throughout your operations to:

- » Eliminate production steps and save time and labour costs
- » Cut traditional belt and wheel replacement costs and downtime
- » Reduce the chance of discolouration or heat generation
- » Less rework time and rejects
- » Operator ease of use

Typical applications:-

- » Cleaning of metal prior to welding
- » Deburring of parts to remove sharp edges
- » Removal of weld discolouration
- » Refining, finishing and graining of metal



3M Abrasives also has solutions for your weld refinement and metal finishing. Speak to us for further information or to arrange a demonstration.

**3M Science.
Applied to Life.™**



CUBITRON™ II

**Abrasive solutions for
weld preparation and
stock removal by 3M**

Increase productivity and efficiency with 3M Abrasives

Guide to icons



Fast cut



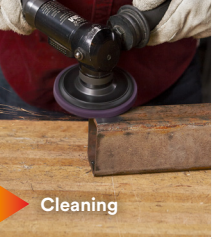




















Long life



Increased productivity



Increased safety

Process	Metal	Requires	Useful benefits	3M™ Abrasive Product Solutions	Why	Potential hazards
 Cleaning	Carbon steel	Removal of rust, paint and light mill scale from the metal	<ul style="list-style-type: none"> » Ease of use » Save time » Quality of finish  	Scotch-Brite™ XT Pro Clean & Strip™ 	Contains silicone carbide mineral: Low sparking: <ul style="list-style-type: none"> » Long life » Maintains workpiece shape » No chemicals required 	<ul style="list-style-type: none"> » Airborne particles » Pickling acid » Dust » Flying particles » Sparks
 Cutting	Carbon and stainless steel	Cutting of tube, pipes, sheet and angled metal	<ul style="list-style-type: none"> » Ease of use » Save time » Precision, accuracy of cut » Less heat » Less noise  	3M™ Cubitron™ II Cut-Off Wheel 	Contains 3M™ Precision Shaped Grain: Fast cutting: <ul style="list-style-type: none"> » Long life » Cooler cutting 	<ul style="list-style-type: none"> » Wheel breakage – cuts » Airborne particles » Flying particles » Sparks » Noise
 Grinding – coated abrasives	Carbon steel	Grinding of metal including chamfering, bevelling, weld, mill scale or surface imperfection removal	<ul style="list-style-type: none"> » Ease of use » Save time » Speed » Less noise » Quality of finish  	3M™ Cubitron™ II Fibre Disc 982C 36+, 60+ 3M™ Flap Disc 969F 40+, 60+  	Contains 3M™ Precision Shaped Grain: Fast cutting: <ul style="list-style-type: none"> » Long life » Cooler cutting 	<ul style="list-style-type: none"> » Airborne particles » Flying particles » Sparks » Dust » Noise
	Stainless steel		 	3M™ Cubitron™ II Fibre Disc 987C 36+, 60+ 3M™ Flap Disc 969F 40+, 60+  		
 Grinding – portable bonded	Carbon and stainless steel	Large weld removal and all heavy duty metal grinding applications	<ul style="list-style-type: none"> » Ease of use » Save time » Speed » Less noise  	3M™ Cubitron™ II Depressed Centre Grinding Wheel 	Contains 3M™ Precision Shaped Grain: Fast cutting: <ul style="list-style-type: none"> » Reduces grinding time – exposure to vibration » Increase productivity 	<ul style="list-style-type: none"> » Hand-arm vibration (HAV) » Airborne particles » Sparks » Flying particles » Noise » Wheel breakage – cuts

3M™ PPE Solutions



Eye protection



Hearing protection



Respiratory protection



Welding/grinding protection

For more information on the PPE solutions 3M can offer your business, please visit:

www.3M.co.uk/safety

Increase worker safety with 3M™ Cubitron™ II Abrasives

Using 3M™ Cubitron™ II Depressed Centre Grinding Wheels can help to:

- ▶ Reduce hand-arm vibration by up to 64%
- ▶ Reduce airborne particles released into the workplace by up to 40%*
- ▶ Reduce noise level by up to 3dB*

Using 3M™ Cubitron™ II 982C can help to:

- ▶ Reduce hand-arm vibration by up to 91%
- ▶ Reduce airborne particles released into the workplace by up to 71%*
- ▶ Reduce noise level by up to 6dB*

* Compared to a conventional abrasive grinding disc – according to independent testing by VITO and the Fraunhofer Institute