



CHECKMATE
PRECISION CUTTING TOOLS

***“ ABRASIVE PRODUCTS
FOR THE
TIMBER INDUSTRY “***

NORTON

For Jockey Grinders



SIZE	GRADE	TYPE	Max RPM	PRODUCT CODE
100 x 13 x 12.7	38A46LVBE	7	6306	B100 013 012 W046
100 x 13 x 19	38A46JVS	1	6306	B100 013 019 W046
100 x 13 x 19	38A60JVS	1	6306	B100 013 019 W0601
100 x 13 x 19	38A60KVS	12	6210	B100 013 019 W060

For Chainsaw Sharpening



SIZE	GRADE	Max RPM	PRODUCT CODE
100 x 3.2 x 16	A60N7B	4550	B100 003 016 A060
145 x 3.2 x 22	25A80M6V	6586	B145 003 022 P080
145 x 4.7 x 22	25A80M6V	6586	B145 004 022 P080
145 x 7.9 x 22	25A80M6V	5930	B145 007 022 P080

Gulleting & Sharpening Wheels



SIZE	GRADE	Max RPM	PRODUCT CODE
200 x 6 x 31.7	57A36M8VBE	3153	B200 006 031 F036
200 x 10 x 31.7	57A36M8VBE	3153	B200 010 031 F036
250 x 13 x 31.7	57A36M8VBE	2522	B250 013 031 F036
250 x 16 x 31.7	57A36M8VBE	2522	B250 016 031 F036
250 x 20 x 31.7	57A36M8VBE	2522	B250 020 031 F036
300 x 16 x 31.7	57A36M8VBE	2102	B300 016 031 F036
300 x 20 x 31.7	57A36M8VBE	2102	B300 020 031 F036
300 x 22 x 31.7	57A36M8VBE	2102	B300 022 031 F036
300 x 25 x 31.7	57A36M8VBE	2102	B300 025 031 F036

57A Wheels are used for rough grinding of saw gullets, they are made with a tough and durable grain.

Gullet & Sharpening Wheels



SIZE	GRADE	Max RPM	PRODUCT CODE
250 x 16 x 31.7	5SG60NVS	2522	B250 016 031 S060
250 x 20 x 31.7	5SG60NVS	2522	B250 020 031 S060
300 x 13 x 31.7	5SG60NVS	2102	B300 013 031 S0605
300 x 16 x 31.7	5SG46NVS	2102	B300 016 031 S046
300 x 20 x 31.7	5SG60NVS	2102	B300 020 031 S060
300 x 22 x 31.7	5SG60NVS	2102	B300 022 031 S060

5SG Wheels are made with Seeded Gel, which provides a longer life, cooler grinding and less dressing intervals.



SIZE	GRADE	Max RPM	PRODUCT CODE
250 x 13 x 31.7	26A60M5VS	2522	B250 013 031 P060
250 x 16 x 31.7	26A60M5VS	2522	B250 016 031 P060
250 x 19 x 31.7	26A60M5VS	2522	B250 019 031 P060
300 x 20 x 31.7	26A60M5VS	2102	B300 020 031 P060
300 x 22 x 31.7	26A60M5VS	2102	B300 022 031 P060

26A Wheels have a special grain blend which provides durability and an excellent finish.



SIZE	GRADE	Max RPM	PRODUCT CODE
200 x 6 x 31.7	32A80K8VBE	3600	B200 006 031 A0801
200 x 6 x 31.7	32A100K8VBE	3153	B200 006 031 T100

32A Wheels are made of monocrystalline grain, have a cool and fast cutting action, are self sharpening and holds its form well.

Gullet & Sharpening Wheels



SIZE	GRADE	Max RPM	PRODUCT CODE
150 x 4 x 31.7	38A80MVS	4204	B150 004 031 W080
150 x 6 x 31.7	38A80MVS	4204	B150 006 031 W0801
200 x 4 x 31.7	38A80MVS	3153	B200 004 031 W080
200 x 6 x 31.7	38A60MVS	3153	B200 006 031 W060
200 x 6 x 31.7	38A60M75VF	3075	B200 006 031 W0602
200 x 10 x 31.7	38A60M75VF	3153	B200 010 031 W0601
200 x 13 x 31.7	38A60M75VF	3153	B200 013 031 W0601
250 x 6 x 31.7	38A46MVS	2522	B250 006 031 W046
250 x 6 x 31.7	38A54N7VF	2522	B250 006 031 W0541
250 x 8 x 31.7	38A46MVBE	2522	B250 008 031 W046
250 x 8 x 31.7	38A54N7VF	2522	B250 008 031 W0541
250 x 10 x 31.7	38A46MVS	2522	B250 010 031 W046
250 x 10 x 31.7	38A54N7VF	2522	B250 010 031 W0541
250 x 13 x 31.7	38A46MVS	2522	B250 013 031 W046
250 x 13 x 31.7	38A54N7VF	2522	B250 013 031 W0541
250 x 16 x 31.7	38A54N7VF	2522	B250 016 031 W0541
250 x 16 x 31.7	38A54O7VF	2522	B250 016 031 W0542
300 x 16 x 31.7	38A46MVS	2102	B300 016 031 W046
300 x 20 x 31.7	38A46MVS	2102	B300 020 031 W046
300 x 20 x 31.7	38A54L7VF	2102	B300 020 031 W054
300 x 22 x 31.7	38A46MVBE	2102	B300 022 031 W046

38A - VF Clay bonded wheels are designed for sharpening and have excellent form holding characteristics.

38A White wheels have a friable abrasive for light to medium grinding, they have a free cutting action and provide an excellent finish.

Profile Grinding Wheels



SIZE	GRADE	TYPE	MACHINE	PRODUCT CODE
175 x 4 x 22	38A54L7VF	1	Eichmann	B175 004 022 W054
225 x 5 x 31.7	26A54JVS	1	Wadkin	B225 005 031 P054
225 x 5 x 31.7	5SG54JK8VS	1	Wadkin	B225 005 031 S054
225 x 5 x 60	26A54JVS	1	Weinig	B225 005 060 P054
225 x 5 x 60	3SG54JVS	1	Weinig	B225 005 060 S054
225 x 5 x 60	5SG54JVS	1	Weinig	B225 005 060 S0545

26A Wheels have a special grain blend which provides durability and an excellent finish.

5SG Wheels are made with Seeded Gel, which provides a longer life, cooler grinding and less dressing intervals.

Planner & Chipper Blade Grinding Wheels



SIZE	GRADE	TYPE	MACHINE	PRODUCT CODE
125 x 50 x 31.7	38A46H8VBE	6	MVM	B125 050 031 W046
125 x 50 x 31.7	38A60JVS	6	MVM	B125 050 031 W0601
125 x 50 x 31.7	38A60JVBE	11	Wadkin	B125 050 031 W060
125 x 63 x 31.7	38A46FVSP	6	MVM	B125 063 031 W046
150 x 50 x 31.7	38A46JVS	6	Wadkin	B150 050 031 W0461
150 x 63 x 31.7	38A60JVBE	11	Wadkin	B150 063 031 W060
150 x 80 x 31.7	38A46H8VBE	6	Wadkin	B150 080 031 W0461
150 x 80 x 31.7	38A46H8B	6	Wadkin	B150 080 031 W0462
165 x 80 x 31.7	38A36H9B	6	Wadkin	B165 080 031 W036
165 x 80 x 31.7	38A46FB	6	Wadkin	B165 080 031 W046
165 x 80 x 31.7	38A46H12VP	6	Wadkin	B165 080 031 W0461
165 x 80 x 31.7	35A46FB	6	Wadkin	B165 080 031 W046X
175 x 90 x 135	38A54F12VEP	2	Erma	B175 090 135 W054
180 x 32 x 31.7	38A54J8VBE	12	Wadkin	B180 032 031 W054

Planner & Chipper Blade Grinding Wheels



SIZE	GRADE	TYPE	MACHINE	PRODUCT CODE
180 x 80 x 82.5	38A36H9B	6	MVM	B180 080 082 W036
180 x 80 x 82.5	38A46F8B	6	MVM	B180 080 082 W046XF
180 x 80 x 82.5	38A46G8B	6	MVM	B180 080 082 W0461
200 x 100 x 160	38A46H8B	2	Erma	B200 100 160 W046H
200 x 100 x 160	29A46G10VEP	2	Erma	B200 100 160 PW46
250 x 100 x 200	29A46G10VEP	2	Reform	B250 100 200 PW46
250 x 100 x 200	38A46H8B	2	Reform	B250 100 200 W046

For Mower Blades



SIZE	GRADE	Type	PRODUCT CODE
180 x 54 x 25.4	38A36LVS	11	B180 054 025 W036

Segments For Knife Grinding



SIZE	GRADE	TYPE	MACHINE	PRODUCT CODE
95 x 30 x 120	32A60G12VBEP	AME592N	Gockel	X 095 030 120 T060G
50 x 16 x 90	38A46F12VBEP	AME9605	MVM	X 050 016 090 W046

Band Grinding Wheels



SIZE	GRADE	PRODUCT CODE
150 x 50 x 50.8	17A24PB	B 150 050 050 A024
150 x 50 x 50.8	SG-BARNHART	B 150 050 050 SBARN

Diamond mounted point for hollow face grinding



CODE	DESCRIPTION
DD1A1S66	1A1S 6X6-6MM D64K+888RY C125

Type 1A1 Diamond Wheel



CODE	DESCRIPTION	MACHINE
DD1A11004	1A1 100X4X31.7 D126C75	Armstrong / Wright

Type 4A2 Diamond Wheel



CODE	DESCRIPTION	MACHINE
DD4A2100081	4A2 100X8X25.0 ASD46R100BI131	Vollmer / Widma
DD4AA21158	4AA2 115X8X31.7 D230/D500R100/75	Wright Twin Rim
DD4A212511	4A2 125X11X15.8 ASD54R100B	Various Types
DD4A215056	4A2 150X5.6X31.7 ASD46BI124 AC75	Wright

Type 6A2 CBN Wheel



CODE	DESCRIPTION	MACHINE
DC6A212518	6A2 125X18X20.0 W3 X4 CB107BI150	Weinig

Type 6A9 Diamond Wheel



CODE	DESCRIPTION	MACHINE
DD6AA910020	6AA9 100X20X25.0 D126C100/D46C75	Vollmer / Widma
DD6AA912518	6AA9 125X18X32.0 D126C100/D46C75	Weinig

Type 11V9 Diamond Wheel



CODE	DESCRIPTION
DD11V99535	11V9 95X35X31.7 D107C75
DD11V910035	11V9 100X35X20.0 ASD91131C75

Type 12A2 Diamond Wheel



CODE	DESCRIPTION
DD12A212518	12A2 125X18X31.7 D107C75
DD12A2125203	12A2 125X20X20 D64K+888R69 C75
DD12A215013	12A2 150X13X31.7 ASD126R75B
DD12A215018	12A2 150X18X31.7 D107C75

Type 12V9 Tiger Diamond Wheel



CODE	DESCRIPTION
DD12V9100202	12V9 100X20X31.7 D46K+888RY C75
DD12V912540	12V9 125X13X32 TIGER
DD12V920013	12V9 200X13X32 TIGER

Jointing Stones



SIZE	GRADE	PRODUCT CODE
12 x 20 x 100	38A80LV	X012 020 100 W080B
15 x 20 x 60	39C280F9V	X015 020 060 GC280
60 x 15 x 150	39C800D9B	X060 015 150 C800
60 x 15 x 300	39C800D9B	X060 015 300 C800

For in head jointing of machine knives, Wadkin and Weinig machines.

Slip Stones

SIZE	STONE No.	DESCRIPTION	PRODUCT CODE
113 x 45 x 6 to 1.6	MJS24	(SC) Narrow Slip Stone Med	XMJS24
113 x 45 x 6 to 1.6	FJS24	(SC) Narrow Slip Stone Fine	XFJS24
113 x 45 x 13 to 5	MJS44	(SC) Wide Slip Stone Med	XMJS44
113 x 45 x 13 to 5	FJS44	(SC) Wide Slip Stone Fine	XFJS44
113 x 45 x 6 to 1.6	FS24	(ALO) Narrow Slip Stone Fine	XFS24

- Silicon Carbide (SC) slip stones are available in two wedge thickness, the narrow section **Curved Tool Sharpener** and the wider section **Garden Tool Sharpener**. Both shapes are available in medium or fine grades for light 'touch up' sharpening of gardeners tools. (These stones are oil pre-filled)
- Both Aluminum Oxide (Alo) slip stones are also oil pre-filled and are designed for light sharpening and deburring operations. Available in fine grit only, the wedge shape enables application of the stone into narrow slots such as between the teeth of shearing combs.



Curved Tool Sharpener
(Narrow)

Garden Tool Sharpener
(Wider)

SLIP STONE PROFILES

Dressing Sticks



SIZE	GRADE	PRODUCT CODE
25 x 25 x 150	37C24SVK	X025 025 150 C024
20 x 20 x 100	38A220HV	X020 020 100 W220

- **37C** dresser is used to clean and restore conventional grinding wheels.
- **38A** dresser is used to clean and restore diamond and CBN wheels.

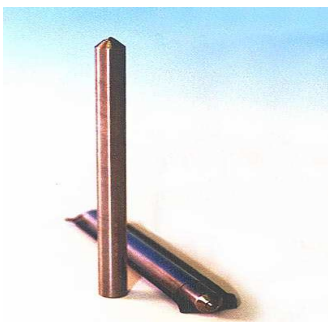
Dressing Wheels



SIZE	GRADE	TYPE	PRODUCT CODE
100 x 38 x 22	38C24/30SVK	Metcalf	B100 038 022 C024
100 x 38 x 38	37C24/30SVK	Crackerjack	B100 038 038 C024

These dressing wheels are used for profiling of saw gulleting wheels.

Diamond Dressers Single Point

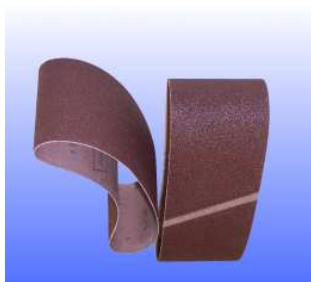


SIZE / DESCRIPTION	GRADE	PRODUCT CODE
13 Diam x 150 Long	1/2 Carat	X95105
13 Diam x 150 Long	3/4 Carat	X95110
13 Diam x 150 Long	1 Carat	X95115
20 Diam x 150 Long	2 Carat	X95120

HOW TO GET THE BEST OUT OF YOUR DIAMOND DRESSER

- Avoid bumping or dropping the dresser.
- Never put a hot dresser in cold coolant or water as this can shatter the diamond.
- Dress the wheel with the diamond point angled down at a 15 degree angle.
- Remember to turn the dresser regularly as this will avoid wearing a flat spot on the diamond point.

Portable Belts



SIZE	GRADE	PRODUCT CODE
100 x 610	40g	0400 100 0610 040
100 x 610	60g	0400 100 0610 060
100 x 610	80g	0400 100 0610 080
100 x 610	100g	0400 100 0610 100
100 x 610	120g	0400 100 0610 120

Cloth belts can be used in a number of operations including bandsaw cleaning, other sizes are available ex stock.

Flexible Grinding Discs



SIZE	GRADE	PRODUCT CODE
100 x 3 x 16	WA46	82310046
115 x 3 x 22	WA46	82311546
125 x 3 x 22	WA46	82312546

Traditional blending discs for bandsaw welds and light grinding.

Mega View



SIZE	GRADE	PRODUCT CODE
115 x 4 x 22	A36T-BF29	72511536
115 x 4 x 22	A60T-BF29	72511560
125 x 4 x 22	A36T-BF29	72512536
125 x 4 x 22	A60T-BF29	72512560

New product for weld blending and light grinding, two grades available for heavy grinding and finishing. The scallops in the wheel allows you to see the work piece and is also cooler grinding.

Ultra Thin Cutting Wheels



SIZE / DESCRIPTION	PRODUCT CODE
100 x 1.6 x 16 Norzon Iron Free	ACT100116NZ
115 x 1.0 x 22 Inox Iron Free	ACT115122IX
115 x 1.6 x 22 Norzon Iron Free	ACT115122NZ
125 x 1.0 x 22 Inox Iron Free	ACT125122IX
125 x 1.6 x 22 Norzon Iron Free	ACT125122NZ

For fine cutting of stellite and stainless steel, less stock removal, quicker cutting and longer product life.

Hard Hats / Faceshield



DESCRIPTION	PRODUCT CODE
HARD HAT WHITE	AS364204
HARD HAT YELLOW	AS364207
FACESHIELD - VISOR STYLE	AS364177
FACESHIELD REPLACEMENT VISOR	AS364180
OPTIONAL WIRE MESH VISOR	AS364183

Hearing Protection



DESCRIPTION	DB Rating (SNR)	PRODUCT CODE
FOLD-UP EARMUFF GRADE 4	30db	AS9327
DECI 4200 EARPLUGS	31db	AS329606

Eye Shields Safety Glasses



DESCRIPTION	PRODUCT CODE
704 CLEAR, FORM TO THE FACE, SCRATCH RESISTANT LENS. COMPLIES WITH US STANDARD ANSI Z87.1	AS9704
733 AMBER, SCRATCH RESISTANT LENS, FOR LOW OR ARTIFICIAL LIGHT. COMPLIES WITH US STANDARD ANSI Z87.1	AS9733
779 GREY SCRATCH RESISTANT LENS PROVIDES UV PROTECTION. COMPLIES WITH US STANDARD ANSI Z87.1	AS9779

Respiratory Protection



DESCRIPTION	PRODUCT CODE
1800 P1 GRADE, LIGHT WEIGHT & DURABLE, CUSHIONED NOSE PIECE WITH CONFORMABLE METAL BAND.	AS360937
1955 P2 GRADE, WITH EXHALATION VALVE, LARGE FILTER AREA, GREATER COMFORT UNDER HOT OR HUMID CONDITIONS.	AS329746