



QUALITY ABRASIVE PRODUCTS



SAFETY GUIDE

DO

1. **ALWAYS** handle and store wheels in a careful manner
2. **ALWAYS** visually inspect all wheels before mounting for possible damage
3. **ALWAYS** make sure operating speed established for machine does not exceed wheel speed
4. **ALWAYS** check mounting flanges for equal and correct diameter
5. **ALWAYS** use mounting blotters when supplies with wheels
6. **ALWAYS** keep work rest properly adjusted within 1/8" of wheel
7. **ALWAYS** wear safety glasses or some type of eye protection equipment
8. **ALWAYS** use a safety guard covering at least one-half of the wheel diameter
9. **ALWAYS** allow newly mounted wheels to run at operating speed, with guard in place, for at least one minute before starting to grind

DON'T

1. **DON'T** use wheel that has been dropped
2. **DON'T** force a wheel on to the spindle or alter the hole size of the wheel
3. **DON'T** exceed maximum operation speed established for the wheel
4. **DON'T** use dirty, nicked, warped or sprung mounting flanges
5. **DON'T** tighten the mounting nut excessively
6. **DON'T** grind on the side of the wheel unless the wheel is specially designed for that purpose
7. **DON'T** start machine without safety guard in place
8. **DON'T** jam work into the wheel
9. **DON'T** stand directly in front of grinding wheel whenever a grinder is started
10. **DON'T** grind or cut material for which the wheel is not designed

This is not intended as a complete guide to the use, care, and protection of the abrasive wheels. Users should read and familiarize themselves with ANSI B7.1 (American National Safety Standards) for the complete use and safety requirement and O.S.H.A regulations. Use abrasive wheels on proper guarded machines only. **DO NOT** install type 27 and 28 wheels on any sanding machines.

WARNING! Abrasive products may contain chemicals known to state of California to cause cancer, birth defects, or reproductive harm (CA PROP. 65). Wash hands after use.

HOW TO READ PRODUCT SPECIFICATIONS

A30S BF2

A	30	S	B	F2
ABRASIVE	GRIT	GRADE	BOND TYPE	REINFORCED
A Aluminum Oxide	Coarse #16 - #24	Soft H-K	B - Resinoid	F1 - Single Internal
C Silicon Carbide	Medium #30 - #60	Medium L-P	V - Vitrified	F2 - Double External
AZ Zirconia	Fine #80 - #120	Hard Q-U		F3 - Triple

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TERMS OF SALE -----

DEPRESSED CENTER WHEELS



- Made from premium Abrasive Grains
- Excellent solution for general purpose grinding and cutting of Metal, Stainless Steel, Aluminum & Masonry



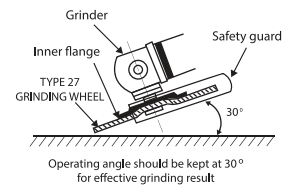
Type 27 for METAL GRINDING



Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Thic. x Arbor					
DA20534	25251	2" x 5/32" x 3/8"	A40	20,000	25	100	5
DA20536	25253	2" x 5/32" x 3/8"	A60	20,000	25	100	5
DA20538	25255	2" x 5/32" x 3/8"	A80	20,000	25	100	5
DA23534	25261	2-5/16" x 5/32" x 3/8"	A40	20,000	25	100	11
DA23536	25263	2-5/16" x 5/32" x 3/8"	A60	20,000	25	100	11
DA23538	25265	2-5/16" x 5/32" x 3/8"	A80	20,000	25	100	11
DA3083	25243	3" x 1/4" x 3/8"	A24R	18,000	25	100	16
DA4055	25355	4" x 5/32" x 5/8"	A24R	13,700	25	100	18
DA4083	25343	4" x 1/4" x 3/8"	A24R	13,700	25	100	25
DA4085	25345	4" x 1/4" x 5/8"	A24R	13,700	25	100	25
DA4557	25457	4-1/2" x 5/32" x 7/8"	A24R	13,300	25	100	26
DA4555	25456	4-1/2" x 5/32" x 5/8-11	A24R	13,300	10	10	5
DA4587	25447	4-1/2" x 1/4" x 7/8"	A24R	13,300	25	100	32
DA4585	25446	4-1/2" x 1/4" x 5/8-11	A24R	13,300	10	10	6
DA5087	25547	5" x 1/4" x 7/8"	A24R	12,000	25	100	35
DA5085	25546	5" x 1/4" x 5/8-11	A24R	12,000	10	10	7
DA6087	25647	6" x 1/4" x 7/8"	A24R	10,200	20	40	21
DA6085	25646	6" x 1/4" x 5/8-11	A24R	10,200	10	10	7
DA7087	25747	7" x 1/4" x 7/8"	A24S	8,500	20	40	32
DA7085	25746	7" x 1/4" x 5/8-11	A24S	8,500	10	10	10
DA8087	25847	8" x 1/4" x 7/8"	A24S	6,500	20	40	40
DA8085	25846	8" x 1/4" x 5/8-11	A24S	6,500	10	10	14
DA9087	25947	9" x 1/4" x 7/8"	A24S	6,500	20	40	50
DA9085	25946	9" x 1/4" x 5/8-11	A24S	6,500	10	10	15

Type 27

Type 27 w/Hub



Type 27 for METAL PIPE Cutting & Light Grinding



Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Thic. x Arbor					
DP4043	25383	4" x 1/8" x 3/8"	A36S	13,700	25	100	16
DP4045	25385	4" x 1/8" x 5/8"	A36S	13,700	25	100	16
DP4547	25487	4-1/2" x 1/8" x 7/8"	A36S	13,300	25	100	18
DP4545	25486	4-1/2" x 1/8" x 5/8-11	A36S	13,300	10	20	9
DP5047	25587	5" x 1/8" x 7/8"	A36S	12,000	25	100	23
DP5045	25586	5" x 1/8" x 5/8-11	A36S	12,000	10	20	10
DP7047	25787	7" x 1/8" x 7/8"	A24S	8,500	20	40	19
DP7045	25786	7" x 1/8" x 5/8-11	A24S	8,500	10	20	15
DP9047	25987	9" x 1/8" x 7/8"	A24S	6,500	20	40	34
DP9045	25986	9" x 1/8" x 5/8-11	A24S	6,500	10	20	25

Type 27 for METAL Grinding - Long Life wheels

Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Thic. x Arbor					
DU4587	24547	4-1/2" x 1/4" x 7/8"	A24U	13,300	25	100	32
DU4585	24546	4-1/2" x 1/4" x 5/8-11	A24U	13,300	10	10	6
DU7087	24747	7" x 1/4" x 7/8"	A24U	8,500	20	40	36
DU7085	24746	7" x 1/4" x 5/8-11	A24U	8,500	10	10	11
DU9087	24749	9" x 1/4" x 7/8"	A24U	6,500	20	40	54
DU9085	24748	9" x 1/4" x 5/8-11	A24U	6,500	10	10	16



DEPRESSED CENTER WHEELS



Type 27 for METAL Grinding - Heavy Duty ZIRCONIA Wheels



Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Thic. x Arbor					
DZ4587	27647	4-1/2" x 1/4" x 7/8"	AZ24T	13,300	25	100	32
DZ4585	27646	4-1/2" x 1/4" x 5/8-11	AZ24T	13,300	10	10	6
DZ7087	27847	7" x 1/4" x 7/8"	AZ24T	8,500	20	40	32
DZ7085	27846	7" x 1/4" x 5/8-11	AZ24T	8,500	10	10	10
DZ9087	27947	9" x 1/4" x 7/8"	AZ24T	6,500	20	40	50
DZ9085	27946	9" x 1/4" x 5/8-11	AZ24T	6,500	10	10	15



Type 28 for METAL Grinding



Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Thic. x Arbor					
D87067	26247	7" x 1/4" x 7/8"	A24S	8,500	20	40	36
D87065	26246	7" x 1/4" x 5/8-11	A24S	8,500	10	10	11
D89067	26347	9" x 1/4" x 7/8"	A24S	6,500	20	40	54
D89065	26346	9" x 1/4" x 5/8-11	A24S	6,500	10	10	16



Type 27 for STAINLESS STEEL Grinding



Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Thic. x Arbor					
DW7087	27347	7" x 1/4" x 7/8"	WA24R	8,500	20	40	32
DW7085	27346	7" x 1/4" x 5/8-11	WA24R	8,500	10	10	10

Type 27 for ALUMINUM Grinding



Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Thic. x Arbor					
DL4587	27047	4-1/2" x 1/4" x 7/8"	A30Q	13,300	25	100	31
DL4585	27046	4-1/2" x 1/4" x 5/8-11	A30Q	13,300	10	10	6
DL7087	27247	7" x 1/4" x 7/8"	A30Q	8,500	20	40	30
DL7085	27246	7" x 1/4" x 5/8-11	A30Q	8,500	10	10	10
DL9087	27249	9" x 1/4" x 7/8"	A30Q	6,500	20	40	50
DL9085	27248	9" x 1/4" x 5/8-11	A30Q	6,500	10	10	15



Type 27 for MASONRY Grinding



Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Thic. x Arbor					
DC4085	26545	4" x 1/4" x 5/8"	C24S	13,700	25	100	24
DC4587	26647	4-1/2" x 1/4" x 7/8"	C24S	13,300	25	100	31
DC4585	26646	4-1/2" x 1/4" x 5/8-11	C24S	13,300	10	10	6
DC5087	26747	5" x 1/4" x 7/8"	C24S	12,000	25	100	35
DC5085	26746	5" x 1/4" x 5/8-11	C24S	12,000	10	20	7
DC7087	26847	7" x 1/4" x 7/8"	C24S	8,500	20	40	30
DC7085	26846	7" x 1/4" x 5/8-11	C24S	8,500	10	10	10
DC9087	26947	9" x 1/4" x 7/8"	C24S	6,500	20	40	50
DC9085	269466	9" x 1/4" x 5/8-11	C24S	6,500	10	10	15



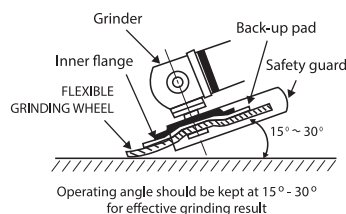
T27 - FLEXIBLE WHEELS

GRITON®

- Suitable for metal fabrication, surface preparation, removing rust, burns and old paint
- Use on stainless steel, metal and aluminum
- Has a performance of both Depressed Center Wheel and Resin Fiber Sanding Disc



Type 27 for METAL GRINDING



Item No.	UPC	Dia. x Thic. x Arbor	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
FA4036	35315	4" x 1/8" x 5/8"	AC36	13,700	20	120	15
FA4046	35325	4" x 1/8" x 5/8"	AC46	13,700	20	120	15
FA4060	35335	4" x 1/8" x 5/8"	AC60	13,700	20	120	15
FA4080	35345	4" x 1/8" x 5/8"	AC80	13,700	20	120	15
FA4012	35365	4" x 1/8" x 5/8"	AC120	13,700	20	120	15
FA4536	35417	4-1/2" x 1/8" x 7/8"	AC36	13,300	20	120	18
FA4546	35427	4-1/2" x 1/8" x 7/8"	AC46	13,300	20	120	18
FA4560	35437	4-1/2" x 1/8" x 7/8"	AC60	13,300	20	120	18
FA4580	35447	4-1/2" x 1/8" x 7/8"	AC80	13,300	20	120	18
FA4636	35416	4-1/2" x 1/8" x 5/8-11	AC36	13,300	10	----	5
FA4646	35426	4-1/2" x 1/8" x 5/8-11	AC46	13,300	10	----	5
FA4660	35436	4-1/2" x 1/8" x 5/8-11	AC60	13,300	10	----	5
FA4680	35446	4-1/2" x 1/8" x 5/8-11	AC80	13,300	10	----	5
FA7736	35717	7" x 1/8" x 7/8"	AC36	8,500	20	80	30
FA7746	35727	7" x 1/8" x 7/8"	AC46	8,500	20	80	30
FA7760	35737	7" x 1/8" x 7/8"	AC60	8,500	20	80	30
FA7780	35747	7" x 1/8" x 7/8"	AC80	8,500	20	80	30
FA7712	35767	7" x 1/8" x 7/8"	AC120	8,500	20	80	30
FA7536	35716	7" x 1/8" x 5/8-11	AC36	8,500	10	----	7
FA7546	35726	7" x 1/8" x 5/8-11	AC46	8,500	10	----	7
FA7560	35736	7" x 1/8" x 5/8-11	AC60	8,500	10	----	7
FA7580	35746	7" x 1/8" x 5/8-11	AC80	8,500	10	----	7
FA7512	35766	7" x 1/8" x 5/8-11	AC120	8,500	10	----	7

T27 - SPW - SURFACE PREPARATION WHEELS

GRITON®

- Designed for surface preparation of steel, aluminum, stainless and non-ferrous metal
- Blends and smooths coated abrasive scratch patterns on metal fabrications
- Provides super fine finish capability, perfect for light finishing metal and wood surface
- Removes old paint and rust



Type 27 ALUMINUM OXIDE Maroon - Fine



Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Arbor					
SP405	65545	4" x 5/8"	Maroon - Fine	13,700	10	10	2
SP455	65565	4-1/2" x 7/8"	Maroon - Fine	13,300	10	10	2
SP465	65575	4-1/2" x 5/8-11	Maroon - Fine	13,300	10	10	5
SP705	65585	7" x 7/8"	Maroon - Fine	8,500	10	10	4
SP755	65595	7" x 5/8-11	Maroon - Fine	8,500	10	10	10



Type 27 SILICON CARBIDE Gray - Super Fine



Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Arbor					
SP409	65549	4" x 5/8"	Gray - S. Fine	13,700	10	10	2
SP459	65569	4-1/2" x 7/8"	Gray - S. Fine	13,300	10	10	2
SP469	65579	4-1/2" x 5/8-11	Gray - S. Fine	13,300	10	10	5
SP709	65589	7" x 7/8"	Gray - S. Fine	8,500	10	10	4
SP759	65599	7" x 5/8-11	Gray - S. Fine	8,500	10	10	10

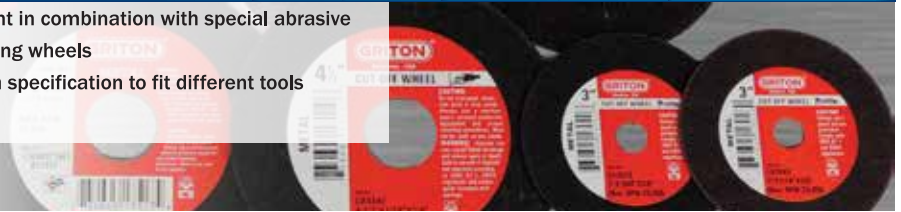


NOTE: Also available in Quick Change Discs; See page 21

CUT-OFF WHEELS



- Designed with high tensile fiberglass reinforcement in combination with special abrasive grain formulation to deliver safe and long life cutting wheels
- Available in different sizes from 1" to 20" dia. with specification to fit different tools for various cutting applications



Type 1 for METAL Cutting - Small Diameter

Type 1



Item No.	UPC	Size			Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia.	x Thic.	x Arbor					
CA1031*	17911	1"	x .040"	x 1/8"	A60T F2	61,000	50	300	1
CA1042*	17917	1"	x 1/16"	x 1/4"	A60T F2	61,000	50	300	2
CA1530*	17927	1-1/2"	x .040"	x 1/16"	A60T F2	45,000	50	300	2
CA1531*	17928	1-1/2"	x .040"	x 1/8"	A60T F2	45,000	50	300	2
CA1532*	17929	1-1/2"	x .040"	x 1/4"	A60T F2	45,000	50	300	2
CA1541*	17932	1-1/2"	x 1/16"	x 1/8"	A60T F2	45,000	50	300	3
CA1543	17934	1-1/2"	x 1/16"	x 3/8"	A46T F2	45,000	50	300	3
CA2031*	17941	2"	x .040"	x 1/8"	A60T F2	30,600	50	300	7
CA2032*	17942	2"	x .040"	x 1/4"	A60T F2	30,600	50	300	7
CA2033*	17943	2"	x .040"	x 3/8"	A60T F2	30,600	50	300	7
CA2042	17945	2"	x 1/16"	x 1/4"	A60T F2	30,600	50	300	7
CA2043	17946	2"	x 1/16"	x 3/8"	A46T F2	30,600	50	300	7
CA2082*	17948	2"	x 1/8"	x 1/4"	A36T F2	30,600	50	300	11
CA2083*	17949	2"	x 1/8"	x 3/8"	A36T F2	30,600	50	300	11
CA20163*	17953	2"	x 1/4"	x 3/8"	A36T F3	30,600	25	300	19
CA20243*	17955	2"	x 3/8"	x 3/8"	A24R F3	30,600	10	300	35
CA2542*	17960	2-1/2"	x 1/16"	x 1/4"	A46TF2	27,000	10	300	17
CA2583*	17963	2-1/2"	x 1/8"	x 3/8"	A36T F2	27,000	50	300	17
CA25243*	17967	2-1/2"	x 3/8"	x 3/8"	A24R F3	27,000	10	300	17
CA3022	18017	3"	x 1/32"	x 1/4"	A60T F2	25,000	50	800	22
CA3023	18020	3"	x 1/32"	x 3/8"	A60T F2	25,000	50	800	22
CA3042	18023	3"	x 1/16"	x 1/4"	A46T F2	25,000	50	800	32
CA3043	18026	3"	x 1/16"	x 3/8"	A46T F2	25,000	50	800	32
CA3063	18032	3"	x 3/32"	x 3/8"	A46T F2	25,000	25	400	22
CA3082	18035	3"	x 1/8"	x 1/4"	A36T F2	25,000	25	400	30
CA3083	18038	3"	x 1/8"	x 3/8"	A36T F2	25,000	25	400	30
CA30123	18041	3"	x 3/16"	x 3/8"	A46T F3	25,000	50	300	34
CA30163	18045	3"	x 1/4"	x 3/8"	A36T F3	25,000	25	240	38
CA30243	18047	3"	x 3/8"	x 3/8"	A24R F3	25,000	10	60	17
CA4022	18062	4"	x 1/32"	x 1/4"	A60T F2	19,000	50	600	34
CA4023	18065	4"	x 1/32"	x 3/8"	A60T F2	19,000	50	600	34
CA4025	18068	4"	x 1/32"	x 5/8"	A60T F2	19,000	50	600	34
CA4027	18071	4"	x 1/32"	x 7/8"	A60T F2	19,000	50	600	34
CA4042	18074	4"	x 1/16"	x 1/4"	A46T F2	19,000	50	600	45
CA4043	18077	4"	x 1/16"	x 3/8"	A46T F2	19,000	50	600	45
CA4045	18080	4"	x 1/16"	x 5/8"	A46T F2	19,000	50	600	45
CA4047	18083	4"	x 1/16"	x 7/8"	A46T F2	19,000	50	600	45
CA4063	18086	4"	x 3/32"	x 3/8"	A46T F2	19,000	25	300	36
CA4065	18089	4"	x 3/32"	x 5/8"	A46T F2	19,000	25	300	36
CA4082	18092	4"	x 1/8"	x 1/4"	A36T F2	19,000	25	300	46
CA4083	18095	4"	x 1/8"	x 3/8"	A36T F2	19,000	25	300	46
CA4085	18098	4"	x 1/8"	x 5/8"	A36T F2	19,000	25	300	46
CA4087	18101	4"	x 1/8"	x 7/8"	A36T F2	19,000	25	300	46
CA40163	18104	4"	x 1/4"	x 3/8"	A36T F2	19,000	25	150	45



ONLY USE ON TOOLS
WITH SAFETY GUARD



NOTE: * Non-Stock items

CUT-OFF WHEELS



Type 1 for METAL Cutting

Type 1



Item No.	UPC	Size			Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia.	x Thic.	x Arbor					
CA4537	18107	4-1/2"	x .045"	x 7/8"	A60T F2	13,300	50	400	27
CA4547	18110	4-1/2"	x 1/16"	x 7/8"	A46T F2	13,300	50	400	38
CA4567	18113	4-1/2"	x 3/32"	x 7/8"	A46T F2	13,300	25	200	27
CA4587	18116	4-1/2"	x 1/8"	x 7/8"	A36T F2	13,300	25	200	35
CA5037	18119	5"	x .045"	x 7/8"	A60T F2	12,000	50	400	33
CA5047	18122	5"	x 1/16"	x 7/8"	A46T F2	12,000	50	400	47
CA5067	18125	5"	x 3/32"	x 7/8"	A46T F2	12,000	25	200	32
CA5087	18128	5"	x 1/8"	x 7/8"	A36T F2	12,000	25	200	40
CA6037	18152	6"	x .045"	x 7/8"	A60T F2	10,200	50	200	25
CA6044	18157	6"	x 1/16"	x 1/2"	A46T F2	10,200	50	200	34
CA6045	18160	6"	x 1/16"	x 5/8"	A46T F2	10,200	50	200	34
CA6047	18163	6"	x 1/16"	x 7/8"	A46T F2	10,200	50	200	34
CA6085	18166	6"	x 1/8"	x 5/8"	A36T F2	10,200	25	100	32
CA6087	18169	6"	x 1/8"	x 7/8"	A36T F2	10,200	25	100	32
CA7035	18181	7"	x .045"	x 5/8"	A60T F2	8,500	50	200	35
CA7037	18184	7"	x .045"	x 7/8"	A60T F2	8,500	50	200	35
CA7045	18193	7"	x 1/16"	x 5/8"	A46T F2	8,500	50	200	46
CA7047	18195	7"	x 1/16"	x 7/8"	A46T F2	8,500	50	200	46
CA7085	18210	7"	x 1/8"	x 5/8"	A36R F2	8,500	25	100	43
CA8085	18229	8"	x 1/8"	x 5/8"	A36R F2	7,600	25	50	28



Type 27 THIN Wheels for METAL Cutting

Type 27



Item No.	UPC	Size			Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia.	x Thic.	x Arbor					
DT4517	14511	4-1/2"	x .045"	x 7/8"	A60T F2	13,300	50	300	21
DT4515	14510	4-1/2"	x .045"	x 5/8-11	A60T F2	13,300	10	40	8
DT4527	14513	4-1/2"	x .060"	x 7/8"	A60T F2	13,300	25	300	30
DT4525	14512	4-1/2"	x .060"	x 5/8-11	A60T F2	13,300	10	40	9
DT4537	14515	4-1/2"	x .090"	x 7/8"	A46T F2	13,300	25	100	18
DT5017	14521	5"	x .045"	x 7/8"	A60T F2	12,000	25	100	9
DT5015	14520	5"	x .045"	x 5/8-11	A60T F2	12,000	10	40	9
DT5027	14523	5"	x .060"	x 7/8"	A60T F2	12,000	25	300	36
DT5025	14522	5"	x .060"	x 5/8-11	A60T F2	12,000	10	40	10
DT6017	14531	6"	x .045"	x 7/8"	A60T F2	10,200	25	200	28
DT6015	14530	6"	x .045"	x 5/8-11	A60T F2	10,200	10	40	11
DT6027	14533	6"	x .060"	x 7/8"	A60T F2	10,200	25	100	17
DT6025	14532	6"	x .060"	x 5/8-11	A60T F2	10,200	10	40	12



Type 1 for METAL Cutting

for FABRICATING, TOOL ROOM and MACHINE SHOP use

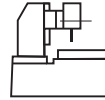
Type 1



Item No.	UPC	Size			Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia.	x Thic.	x Arbor					
CA7029	17176	7"	x 1/32"	x 1-1/4"	A60T F2	8,500	50	200	26
CA7039	17178	7"	x .040"	x 1-1/4"	A60T F2	8,500	50	200	26
CA7049	17201	7"	x 1/16"	x 1-1/4"	A46T F2	8,500	50	200	46



Type 1 for METAL Cutting, Non-Reinforced for FABRICATING, TOOL ROOM and MACHINE SHOP use



Item No.	UPC	Size			Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia.	x Thic.	x Arbor					
CA6039U6N*	17814	6"	x .040"	x 1-1/4"	A60	7,600	25	200	22
CA6045R4N*	17817	6"	x 1/16"	x 5/8"	A46	7,600	25	200	33
CA6049R4N*	17820	6"	x 1/16"	x 1-1/4"	A46	7,600	25	200	33
CA7029U6N*	17832	7"	x 1/32"	x 1-1/4"	A60	6,800	25	100	15
CA7089U3N*	17844	7"	x 1/8"	x 1-1/4"	A36	6,800	25	100	43
CA8049U6N*	17862	8"	x 1/16"	x 1-1/4"	A60	5,970	25	50	14
CA8089U3N*	17868	8"	x 1/8"	x 1-1/4"	A36	5,970	25	50	28

NOTE: * Non-Stock items

- Non-reinforced wheel designed for use only on stationary base type machines where work piece is securely clamped and the wheel is mechanically controlled the movement to maintain a straight cut.

- Should not be used on portable machines or operated on an unstable cutting plane, as wheel may break-off easily causing injury.

RiCut



HIGH PERFORMANCE WHEELS

Type 1 for METAL and STAINLESS STEEL Cutting



Item No.	UPC	Size			Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia.	x Thic.	x Arbor					
CR3032	19802	3"	x .040"	x 1/4"	A60T	25,000	50	800	22
CR3033	19804	3"	x .040"	x 3/8"	A60T	25,000	50	800	22
CR3042	19806	3"	x 1/16"	x 1/4"	A46T	25,000	50	800	32
CR3043	19809	3"	x 1/16"	x 3/8"	A46T	25,000	50	800	32
CR4032	19816	4"	x .040"	x 1/4"	A60T	19,000	50	600	34
CR4033	19818	4"	x .040"	x 3/8"	A60T	19,000	50	600	34
CR4035	19820	4"	x .040"	x 5/8"	A60T	19,000	50	600	34
CR4043	19825	4"	x 1/16"	x 3/8"	A46T	19,000	50	600	45
CR4045	19828	4"	x 1/16"	x 5/8"	A46T	19,000	50	600	45
CR4065	19829	4"	x 3/32"	x 5/8"	A46S	19,000	25	300	34
CR4083	19832	4"	x 1/8"	x 3/8"	A36T	19,000	25	300	45
CR4537	19837	4-1/2"	x .045"	x 7/8"	A60T	13,300	50	400	27
CR4547	19839	4-1/2"	x 1/16"	x 7/8"	A46T	13,300	50	400	38
CR4567	19842	4-1/2"	x 3/32"	x 7/8"	A46T	13,300	25	200	27
CR5037	19846	5"	x .045"	x 7/8"	A60T	12,000	50	400	33
CR6033	19853	6"	x .045"	x 3/8"	A60T	10,200	50	200	25
CR6034	19854	6"	x .045"	x 1/2"	A60T	10,200	50	200	25
CR6035	19855	6"	x .045"	x 5/8"	A60T	10,200	50	200	25
CR6037	19857	6"	x .045"	x 7/8"	A60T	10,200	50	200	25
CR7037	19887	7"	x .045"	x 7/8"	A60T	8,500	50	200	36

HIGH PERFORMANCE WHEELS

Type 1 for METAL Cutting with Zirconia Grain

Type 1



Item No.	UPC	Size			Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia.	x Thic.	x Arbor					
CZ3033	18720	3"	x .040"	x 3/8"	AZ60T	25,000	50	800	22
CZ3042	18723	3"	x 1/16"	x 1/4"	AZ46T	25,000	50	800	32
CZ3043	18726	3"	x 1/16"	x 3/8"	AZ46T	25,000	50	800	32
CZ3083	18738	3"	x 1/8"	x 3/8"	AZ36T	25,000	25	400	30
CZ4033	18765	4"	x .040"	x 3/8"	AZ60T	19,000	50	600	34
CZ4043	18777	4"	x 1/16"	x 3/8"	AZ46T	19,000	50	600	45
CZ4045	18780	4"	x 1/16"	x 5/8"	AZ46T	19,000	50	600	45



Type 1 for METAL Cutting - Large Diameter

Type 1

Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Thic. x Arbor					
for STATIONARY SAW							
CA1095	42185	10" x 1/8" x 5/8"	A36S F2	6,100	10	30	27
CA1098	42188	10" x 1/8" x 1"	A36S F2	6,100	10	30	27
CA1288	49288	12" x 1/8" x 1"	A36S F1	5,100	10	30	36
CA1488	49388	14" x 1/8" x 1"	A36S F1	4,400	10	30	51
CA1298	42288	12" x 1/8" x 1"	A36S F2	5,100	10	30	36
CA1498	42488	14" x 1/8" x 1"	A36S F2	4,400	10	30	51
CA1698	42658	16" x 5/32" x 1"	A36S F2	3,800	10	20	57
CA1898	42858	18" x 5/32" x 1"	A36S F2	3,350	10	10	36
CA2098	42958	20" x 5/32" x 1"	A36S F2	3,000	10	10	44



for CIRCULAR SAW



CA708D	41780	7" x 1/8" x Dia-5/8"	A36S F2	8,500	25	100	41
CA808D	41880	8" x 1/8" x Dia-5/8"	A36S F2	7,600	25	50	28

for Low Horse Power CHOP SAW



CA1045	18235	10" x 1/16" x 5/8"	A36T F2	6,100	10	40	22
CA1048	18236	10" x 1/16" x 1"	A36T F2	6,100	10	40	22
CA1068	46168	10" x 3/32" x 1"	A46S F2	6,100	10	30	20
CA1268	46268	12" x 3/32" x 1"	A46S F2	5,100	10	30	30
CA1468	46368	14" x 3/32" x 1"	A46S F2	4,400	10	30	42
CA1078	49178	10" x 7/64" x 1"	A36P F1	6,100	10	30	27
CA1278	49278	12" x 7/64" x 1"	A36P F1	5,100	10	30	34
CA1478	49378	14" x 7/64" x 1"	A36P F1	4,400	10	30	46
CA1688	49488	16" x 1/8" x 1"	A36S F1	3,400	10	20	46

STUD Cutting for Low Horse Power CHOP SAW



CA1468T	46369	14" x 3/32" x 1"	A46T F2	4,400	10	30	42
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Type 1 for METAL Cutting - HIGH SPEED SAW



Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Thic. x Arbor					
CAH292	42259	12" x 1/8" x 20 mm	A36S F3	6,300	10	30	44
CAH298	42258	12" x 1/8" x 1"	A36S F3	6,300	10	30	44
CAH492	42459	14" x 1/8" x 20 mm	A36S F3	5,460	10	30	60
CAH498	42458	14" x 1/8" x 1"	A36S F3	5,400	10	30	60



Type 1 for DUCTILE IRON Cutting - HIGH SPEED SAW



Item No.	UPC	Size	Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia. x Thic. x Arbor					
CTH282	44259	12" x 1/8" x 20 mm	AC30S F3	6,300	10	30	43
CTH288	44258	12" x 1/8" x 1"	AC30S F3	6,300	10	30	43
CTH482	44359	14" x 1/8" x 20 mm	AC30S F3	5,460	10	30	59
CTH488	44358	14" x 1/8" x 1"	AC30S F3	5,400	10	30	59



CUT-OFF WHEELS



Type 1 for MASONRY Cutting

Type 1

Item No.	UPC	Size			Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia.	x Thic.	x Arbor					
for ANGLE GRINDER									
CC4045	13125	4"	x 1/16"	x 5/8"	C46T F2	19,000	50	300	22
CC4547	13129	4-1/2"	x 1/16"	x 7/8"	C46T F2	13,300	50	300	28



for CIRCULAR SAW



CC7045	13155	7"	x 1/16"	x 5/8"	C46T F2	8,500	25	100	28
CC708D	43480	7"	x 1/8"	x Dia-5/8"	C30S F2	8,500	50	100	41
CC808D	43580	8"	x 1/8"	x Dia-5/8"	C30S F2	7,600	50	50	25

for STATIONARY SAW



CC1088	43688	10"	x 1/8"	x 1"	C30S F2	6,100	10	30	24
CC1288	43788	12"	x 1/8"	x 1"	C30S F2	5,100	10	30	35
CC1488	43888	14"	x 1/8"	x 1"	C30S F2	4,400	10	30	50

for HIGH SPEED SAW



CCH282	43759	12"	x 1/8"	x 20 mm	C30S F3	6,300	10	30	43
CCH288	43758	12"	x 1/8"	x 1"	C30S F3	6,300	10	30	43
CCH482	43859	14"	x 1/8"	x 20 mm	C30S F3	5,460	10	30	59
CCH488	43858	14"	x 1/8"	x 1"	C30S F3	5,400	10	30	59

for STREET SAW - wheel with pin hole



CC14316	43892	14"	x 3/16"	x 1"	C24S F3	4,400	10	20	48
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TYPE 11 FLARED CUP WHEELS, Made in USA



- Grinding and snagging metal or masonry
- Excellent for cleaning castings, removing mold marks and flashing



Type 11 for METAL Grinding

Item No.	UPC	Size			Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia.	x Thic.	x Arbor					
PA40	12910	4"	x 2"	x 5/8-11	A16Q	9,050	10	10	16
PA50	12912	5"	x 2"	x 5/8-11	A16Q	7,250	10	10	30
PA61	12915	6"	x 2"	x 5/8-11	A16Q*SB	6,050	10	10	44



Type 11 for MASONRY Grinding

Item No.	UPC	Size			Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia.	x Thic.	x Arbor					
PC40	12916	4"	x 2"	x 5/8-11	C16Q	9,050	10	10	16
PC50	12918	5"	x 2"	x 5/8-11	C16Q	7,250	10	10	30
PC61	12921	6"	x 2"	x 5/8-11	C16Q*SB	6,050	10	10	44



NOTE: * SB: Steel Backing for safety reinforcement

PLUGS & CONES - Made in USA



- Aluminum oxide for grinding and snagging metal
- Excellent for cleaning castings, removing mold marks and flashing



Type 16, 18, 18R



Item No.	UPC	Size		Spec.	Max. RPM	Pcs/ Box	Ctn Wgt
		Dia.	x Thic.x Arbor				

Type 16 for METAL Grinding

P61332	12930	1-1/2"	x 3"	x 3/8-24	A16QB	24,000	10	4
P61351	12931	1-1/2"	x 3"	x 5/8-11	A16QB	24,000	10	4
P62332	12932	2"	x 3"	x 3/8-24	A16QB	18,000	10	6
P62351	12933	2"	x 3"	x 5/8-11	A16QB	18,000	10	6

Type 18 for METAL Grinding

P81332	12936	1-1/2"	x 3"	x 3/8-24	A16QB	24,000	10	6
P81351	12937	1-1/2"	x 3"	x 5/8-11	A16QB	24,000	10	6
P82332	12938	2"	x 3"	x 3/8-24	A16QB	18,000	10	10
P82351	12939	2"	x 3"	x 5/8-11	A16QB	18,000	10	10

Type 18R for METAL Grinding

PR1332	12940	1-1/2"	x 3"	x 3/8-24	A16QB	24,000	10	6
PR1351	12941	1-1/2"	x 3"	x 5/8-11	A16QB	24,000	10	6
PR2351	12943	2"	x 3"	x 5/8-11	A16QB	18,000	10	10



Type 16



Type 18



Type 18R

MOUNTED WHEELS



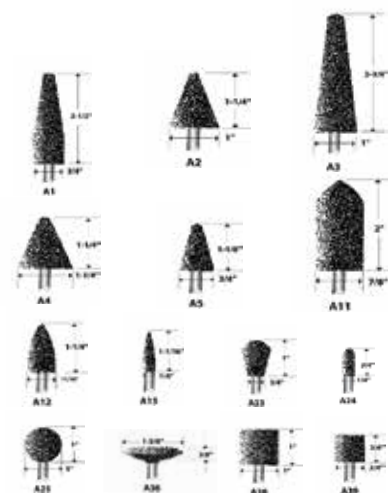
- These vitrified wheels with 1/4" shank are made with premium aluminum oxide
- Suitable for grinding, tool sharpening, finishing cavities, removing mold marks and deburring



A Shape - with 1/4" Shank



Item No.	UPC	Type	Size		Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
			Dia.	x Length					
MA002	35802	A2	1"	x 1-1/4"	A60RV	32,420	25	500	35
MA003	35803	A3	1"	x 2-3/4"	A60RV	15,530	10	200	33
MA004	35804	A4	1-1/4"	x 1-1/4"	A60RV	28,550	15	300	31
MA005	35805	A5	3/4"	x 1-1/8"	A60RV	38,550	40	800	38
MA011	35811	A11	7/8"	x 2"	A60RV	25,420	20	400	47
MA012	35812	A12	11/16"	x 1-1/4"	A60RV	38,050	40	800	43
MA015	35815	A15	1/4"	x 1-1/16"	A60RV	50,510	100	2000	41
MA023	35823	A23	3/4"	x 1"	A60RV	40,300	40	800	40
MA024	35824	A24	1/4"	x 3/4"	A60RV	56,000	100	2000	39
MA025	35825	A25	1"	x Round	A60RV	35,510	30	600	42
MA038	35838	A38	1"	x 1"	A60RV	35,510	25	500	42



W Shape - with 1/4" Shank



Item No.	UPC	Type	Size		Spec.	Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
			Dia.	x Length					
MW218	35848	W218	1"	x 1/2"	A60RV	37,890	30	600	38
MW220	35850	W220	1"	x 1"	A60RV	30,370	25	500	46



BENCH GRINDING WHEELS

Aluminum Oxide & Green Silicon Carbide Grains



- Vitrified bonded general purpose bench grinding wheel
- For ferrous metal such as carbon steel, steel and iron
- For deburring applications and sharpening tools



Vitrified Bond - Aluminum Oxide

Item No.	UPC	Grit	Size	Max RPM
			Dia. x Thic. x Arbor	
BA53460	35872	A60	5" x 3/4" x 1"	5,350
BA62436	35874	A36	6" x 1/2" x 1"	4,100
BA62460	35875	A60	6" x 1/2" x 1"	4,100
BA63424	35920	A24	6" x 3/4" x 1"	4,100
BA63436	35876	A36	6" x 3/4" x 1"	4,100
BA63446	35921	A46	6" x 3/4" x 1"	4,100
BA63460	35877	A60	6" x 3/4" x 1"	4,100
BA63480	35878	A80	6" x 3/4" x 1"	4,100
BA64424	35922	A24	6" x 1" x 1"	4,100
BA64436	35881	A36	6" x 1" x 1"	4,100
BA64446	35923	A46	6" x 1" x 1"	4,100
BA64460	35882	A60	6" x 1" x 1"	4,100
BA64480	35883	A80	6" x 1" x 1"	4,100
BA74424	35924	A24	7" x 1" x 1"	3,600
BA74436	35886	A36	7" x 1" x 1"	3,600
BA74446	35925	A46	7" x 1" x 1"	3,600
BA74460	35887	A60	7" x 1" x 1"	3,600
BA74480	35888	A80	7" x 1" x 1"	3,600
BA84424	35926	A24	8" x 1" x 1"	3,600
BA84436	35891	A36	8" x 1" x 1"	3,600
BA84446	35927	A46	8" x 1" x 1"	3,600
BA84460	35892	A60	8" x 1" x 1"	3,600
BA84480	35893	A80	8" x 1" x 1"	3,600
BA104524	35900	A24	10" x 1" x 1-1/4"	2,485
BA104536	35901	A36	10" x 1" x 1-1/4"	2,485
BA104560	35902	A60	10" x 1" x 1-1/4"	2,485
BA128524	35910	A24	12" x 2" x 1-1/4"	1,800
BA128536	35911	A36	12" x 2" x 1-1/4"	1,800
BA128560	35912	A60	12" x 2" x 1-1/4"	1,800

Vitrified Bond - Green Silicon Carbide

Item No.	UPC	Grit	Size	Max RPM
			Dia. x Thic. x Arbor	
BG62460	36107	C60	6" x 1/2" x 1"	4,100
BG62480	36108	C80	6" x 1/2" x 1"	4,100
BG62412	36109	C120	6" x 1/2" x 1"	4,100
BG63460	36112	C60	6" x 3/4" x 1"	4,100
BG63480	36113	C80	6" x 3/4" x 1"	4,100
BG63412	36114	C120	6" x 3/4" x 1"	4,100
BG64460	36117	C60	6" x 1" x 1"	4,100
BG64480	36118	C80	6" x 1" x 1"	4,100
BG64412	36119	C120	6" x 1" x 1"	4,100
BG74460	36127	C60	7" x 1" x 1"	3,600
BG74480	36128	C80	7" x 1" x 1"	3,600
BG74412	36129	C120	7" x 1" x 1"	3,600
BG84460	36137	C60	8" x 1" x 1"	3,600
BG84480	36138	C80	8" x 1" x 1"	3,600
BG84412	36139	C120	8" x 1" x 1"	3,600
BG104560	36147	C60	10" x 1" x 1-1/4"	2,485
BG104580	36148	C80	10" x 1" x 1-1/4"	2,485
BG104512	36149	C120	10" x 1" x 1-1/4"	2,485
BG128560	36157	C60	12" x 2" x 1-1/4"	1,800
BG128580	36158	C80	12" x 2" x 1-1/4"	1,800
BG128512	36159	C120	12" x 2" x 1-1/4"	1,800

REDUCING BUSHINGS for BENCH GRINDING WHEELS

Item No.	UPC	Wheel Thickness	Reduce Arbor	
			From	To Size
BB24	35861	1/2"	1"	3/4", 5/8" or 1/2"
BB34	35862	3/4"	1"	3/4", 5/8" or 1/2"
BB44	35863	1"	1"	3/4", 5/8" or 1/2"
BB54	35865	1"	1-1/4"	1", 3/4", 5/8" or 1/2"



REDUCING BUSHINGS

BENCH GRINDING WHEEL DRESSER

Item No.	UPC	Length	Pcs/Box	Pcs/Ctn	Ctn Wgt.
BD108	35902	10.5"	1	20	30



DRESSER

RESIN FIBER DISCS



- Made from Premium Aluminum Oxide grain or Zirconia grain for use on right angle grinders and sanders
- Best for sanding and finishing ferrous and/or non-ferrous metal



TYPE C - Premium A/O Grain for Metal Sanding

Item No.	UPC	Size	Grit	Max. RPM	Pcs/Box	Pcs/Ctn	Ctn/Wgt
		Dia. x Arbor					
SA4016	65700	4" x 5/8"	#16	13,700	25	100	7.0
SA4024	65701	4" x 5/8"	#24	13,700	25	100	5.4
SA4036	65702	4" x 5/8"	#36	13,700	25	100	5.2
SA4050	65703	4" x 5/8"	#50	13,700	25	100	3.6
SA4060	65704	4" x 5/8"	#60	13,700	25	100	3.6
SA4080	65705	4" x 5/8"	#80	13,700	25	100	3.4
SA4010	65706	4" x 5/8"	#100	13,700	25	100	3.2
SA4012	65707	4" x 5/8"	#120	13,700	25	100	3.0
SA4516	65710	4 1/2" x 7/8"	#16	13,300	25	100	8.4
SA4524	65711	4 1/2" x 7/8"	#24	13,300	25	100	6.6
SA4536	65712	4 1/2" x 7/8"	#36	13,300	25	100	6.2
SA4550	65713	4 1/2" x 7/8"	#50	13,300	25	100	5.8
SA4560	65714	4 1/2" x 7/8"	#60	13,300	25	100	4.6
SA4580	65715	4 1/2" x 7/8"	#80	13,300	25	100	4.2
SA4510	65716	4 1/2" x 7/8"	#100	13,300	25	100	3.8
SA4512	65717	4 1/2" x 7/8"	#120	13,300	25	100	3.6
SA5016	65720	5" x 7/8"	#16	11,000	25	100	10.8
SA5024	65721	5" x 7/8"	#24	11,000	25	100	8.4
SA5036	65722	5" x 7/8"	#36	11,000	25	100	7.6
SA5050	65723	5" x 7/8"	#50	11,000	25	100	7.2
SA5060	65724	5" x 7/8"	#60	11,000	25	100	5.8
SA5080	65725	5" x 7/8"	#80	11,000	25	100	5.2
SA5010	65726	5" x 7/8"	#100	11,000	25	100	4.8
SA5012	65727	5" x 7/8"	#120	11,000	25	100	4.4
SA7016	65730	7" x 7/8"	#16	7,600	25	100	21.2
SA7024	65731	7" x 7/8"	#24	7,600	25	100	15.8
SA7036	65732	7" x 7/8"	#36	7,600	25	100	14.4
SA7050	65733	7" x 7/8"	#50	7,600	25	100	13.6
SA7060	65734	7" x 7/8"	#60	7,600	25	100	11.6
SA7080	65735	7" x 7/8"	#80	7,600	25	100	10.8
SA7010	65736	7" x 7/8"	#100	7,600	25	100	9.8
SA7012	65737	7" x 7/8"	#120	7,600	25	100	9.6
SA9016	65740	9" x 7/8"	#16	6,000	25	100	35.0
SA9024	65741	9" x 7/8"	#24	6,000	25	100	26.4
SA9036	65742	9" x 7/8"	#36	6,000	25	100	24.8
SA9050	65743	9" x 7/8"	#50	6,000	25	100	22.0
SA9060	65744	9" x 7/8"	#60	6,000	25	100	20.0
SA9080	65745	9" x 7/8"	#80	6,000	25	100	18.6
SA9010	65746	9" x 7/8"	#100	6,000	25	100	17.2
SA9012	65747	9" x 7/8"	#120	6,000	25	100	17.0



Zirconia Grain
for Long Lasting METAL Sanding



Aluminum Oxide Grain
for METAL Sanding

TYPE ZEE - Premium Zirconia Heavy Duty Metal Sanding

Item No.	UPC	Size	Grit	Max. RPM	Pcs/Box	Pcs/Ctn	Ctn/Wgt
		Dia. x Arbor					
SZ4516	65760	4 1/2" x 7/8"	#16	13,300	25	100	8.4
SZ4524	65761	4 1/2" x 7/8"	#24	13,300	25	100	6.6
SZ4536	65762	4 1/2" x 7/8"	#36	13,300	25	100	6.2
SZ4550	65763	4 1/2" x 7/8"	#50	13,300	25	100	5.8
SZ4560	65764	4 1/2" x 7/8"	#60	13,300	25	100	4.6
SZ4580	65765	4 1/2" x 7/8"	#80	13,300	25	100	4.2
SZ5016	65770	5" x 7/8"	#16	11,000	25	100	10.8
SZ5024	65771	5" x 7/8"	#24	11,000	25	100	8.4
SZ5036	65772	5" x 7/8"	#36	11,000	25	100	7.6
SZ5050	65773	5" x 7/8"	#50	11,000	25	100	7.2
SZ5060	65774	5" x 7/8"	#60	11,000	25	100	5.8
SZ5080	65775	5" x 7/8"	#80	11,000	25	100	5.2
SZ7016	65780	7" x 7/8"	#16	7,600	25	100	21.2
SZ7024	65781	7" x 7/8"	#24	7,600	25	100	15.8
SZ7036	65782	7" x 7/8"	#36	7,600	25	100	14.4
SZ7050	65783	7" x 7/8"	#50	7,600	25	100	13.6
SZ7060	65784	7" x 7/8"	#60	7,600	25	100	11.6
SZ7080	65785	7" x 7/8"	#80	7,600	25	100	10.8
SZ9016	65790	9" x 7/8"	#16	6,000	25	100	35.0
SZ9024	65791	9" x 7/8"	#24	6,000	25	100	26.4
SZ9036	65792	9" x 7/8"	#36	6,000	25	100	24.8
SZ9050	65793	9" x 7/8"	#50	6,000	25	100	22.0
SZ9060	65794	9" x 7/8"	#60	6,000	25	100	20.0
SZ9080	65795	9" x 7/8"	#80	6,000	25	100	18.6

TYPE PZ - Zirconia General Purpose for Metal Sanding

Item No.	UPC	Size	Grit	Max. RPM	Pcs/Box	Pcs/Ctn	Ctn/Wgt
		Dia. x Arbor					
SZ4524P	65861	4 1/2" x 7/8"	#24	13,300	25	100	6.6
SZ4536P	65862	4 1/2" x 7/8"	#36	13,300	25	100	6.2
SZ4550P	65863	4 1/2" x 7/8"	#50	13,300	25	100	5.8
SZ4560P	65864	4 1/2" x 7/8"	#60	13,300	25	100	4.6
SZ4580P	65865	4 1/2" x 7/8"	#80	13,300	25	100	4.2
SZ5024P	65871	5" x 7/8"	#24	11,000	25	100	8.4
SZ5036P	65872	5" x 7/8"	#36	11,000	25	100	7.6
SZ5050P	65873	5" x 7/8"	#50	11,000	25	100	7.2
SZ5060P	65874	5" x 7/8"	#60	11,000	25	100	5.8
SZ5080P	65875	5" x 7/8"	#80	11,000	25	100	5.2
SZ7024P	65881	7" x 7/8"	#24	7,600	25	100	15.8
SZ7036P	65882	7" x 7/8"	#36	7,600	25	100	14.4
SZ7050P	65883	7" x 7/8"	#50	7,600	25	100	13.6
SZ7060P	65884	7" x 7/8"	#60	7,600	25	100	11.6
SZ7080P	65885	7" x 7/8"	#80	7,600	25	100	10.8
SZ9024P	65891	9" x 7/8"	#24	6,000	25	100	26.4
SZ9036P	65892	9" x 7/8"	#36	6,000	25	100	24.8
SZ9050P	65893	9" x 7/8"	#50	6,000	25	100	22.0
SZ9060P	65894	9" x 7/8"	#60	6,000	25	100	20.0
SZ9080P	65895	9" x 7/8"	#80	6,000	25	100	18.6

MANDREL MOUNTED FLAP WHEELS



- Excellent for working in tight and hard to reach areas
- Available in three different grits from coarse to fine finish
- Used on all ferrous and non-ferrous materials such as stainless steel, iron, brass, aluminum, fiberglass, wood and glass



Aluminum Oxide

Item No.	UPC	Size		Shank	Grit	Max RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
		Dia.	x Arbor						
FW10160	68612	1"	x 1"	1/4"	A60	25,000	10	50	3.0
FW10180	68613	1"	x 1"	1/4"	A80	25,000	10	50	3.0
FW101120	68615	1"	x 1"	1/4"	A120	25,000	10	50	3.0
FW15560	68622	1-1/2"	x 1/2"	1/4"	A60	25,000	10	50	4.0
FW15580	68623	1-1/2"	x 1/2"	1/4"	A80	25,000	10	50	4.0
FW155120	68625	1-1/2"	x 1/2"	1/4"	A120	25,000	10	50	4.0
FW15160	68632	1-1/2"	x 1"	1/4"	A60	25,000	10	50	4.0
FW15180	68633	1-1/2"	x 1"	1/4"	A80	25,000	10	50	4.0
FW151120	68635	1-1/2"	x 1"	1/4"	A120	25,000	10	50	4.0
FW20160	68652	2"	x 1"	1/4"	A60	25,000	10	50	7.0
FW20180	68653	2"	x 1"	1/4"	A80	25,000	10	50	7.0
FW201120	68655	2"	x 1"	1/4"	A120	25,000	10	50	7.0
FW25160	68672	2-1/2"	x 1"	1/4"	A60	20,000	10	50	8.0
FW25180	68673	2-1/2"	x 1"	1/4"	A80	20,000	10	50	8.0
FW251120	68675	2-1/2"	x 1"	1/4"	A120	20,000	10	50	8.0
FW30160	68692	3"	x 1"	1/4"	A60	20,000	10	50	15.0
FW30180	68693	3"	x 1"	1/4"	A80	20,000	10	50	15.0
FW301120	68695	3"	x 1"	1/4"	A120	20,000	10	50	15.0

ABRASIVE SHOP ROLLS



EMERY CLOTH SHOP ROLL - Aluminum Oxide

Item No.	UPC	Size		Grit	Pcs/ Box	Box Wgt
		Width	x Length			
SR101A80	68804	1"	x 10 Yards	A80	10	5.0
SR101A120	68806	1"	x 10 Yards	A120	10	5.0
SR101A180	68808	1"	x 10 Yards	A180	10	5.0
SR101A320	68810	1"	x 10 Yards	A320	10	5.0



ABRASIVE SCREEN SHOP ROLL - Silicon Carbide

Item No.	UPC	Size		Grit	Pcs/ Box	Box Wgt
		Width	x Length			
SR159C80	68834	1-1/2"	x 9 Feet	C80	5	2.0
SR159C120	68836	1-1/2"	x 9 Feet	C120	5	2.0
SR159C180	68838	1-1/2"	x 9 Feet	C180	5	2.0
SR159C320	68840	1-1/2"	x 9 Feet	C320	5	2.0



G-FORCE FLAP DISCS



- Designed to fit most right angle grinders. Provide fast stock removal and consistent finish
- They are safe, quiet, efficient, easy to use and low cost as compare to grinding wheel and sanding disc



A11 Aluminum Oxide for **General Purpose** application. Can be used on ferrous and/or non-ferrous metals such as iron, steel, aluminum, brass, copper, zinc, plastic, fiberglass and wood.



Size Dia. x Arbor	Grit	TYPE 27 		TYPE 29 		Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn/ Wgt
		Item No.	UPC	Item No.	UPC				
4" x 5/8"	A36	FA74036	69001			13,700	10	100	16
	A40	FA74040	69002	FA94040	69202	13,700	10	100	16
	A60	FA74060	69003	FA94060	69203	13,700	10	100	16
	A80	FA74080	69004	FA94080	69204	13,700	10	100	16
4-1/2" x 7/8"	A36	FA74536	69011			13,300	10	100	21
	A40	FA74540	69012			13,300	10	100	21
	A60	FA74560	69013			13,300	10	100	21
	A80	FA74580	69014			13,300	10	100	21
	A120	FA745120	69016			13,300	10	100	21
4-1/2" x 5/8-11 with Hub	A36	FA74636	69021			13,300	10	-	4
	A40	FA74640	69022			13,300	10	-	4
	A60	FA74660	69023			13,300	10	-	4
	A80	FA74680	69024			13,300	10	-	4
	A120	FA746120	69026			13,300	10	-	4
7" x 7/8"	A40	FA77040	69072			8,500	10	40	19
	A60	FA77060	69073			8,500	10	40	19
	A80	FA77080	69074			8,500	10	40	19
	A120	FA770120	69076			8,500	10	40	19
7" x 5/8-11 with Hub	A40	FA77540	69082			8,500	10	-	8
	A60	FA77560	69083			8,500	10	-	8
	A80	FA77580	69084			8,500	10	-	8
	A120	FA775120	69086			8,500	10	-	8



A11
General Purpose
Aluminum Oxide

Z10 Zirconia for **General Purpose** application. Its performance is more aggressive than the A11 A/O and provides significant effect in term of grinding hard alloy steel and stainless steel.

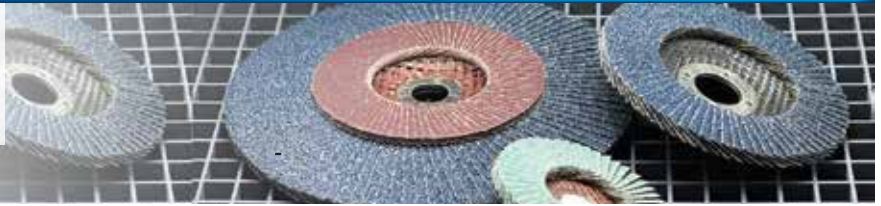


Size Dia. x Arbor	Grit	TYPE 27 		TYPE 29 		Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn/ Wgt
		Item No.	UPC	Item No.	UPC				
4" x 5/8"	Z40	FZ74040	69402			13,700	10	100	16
	Z60	FZ74060	69403			13,700	10	100	16
	Z80	FZ74080	69404			13,700	10	100	16
	Z120	FZ740120	69406			13,700	10	100	16
4-1/2" x 7/8"	Z36	FZ74536	69411	FZ94536	69611	13,300	10	100	21
	Z40	FZ74540	69412	FZ94540	69612	13,300	10	100	21
	Z60	FZ74560	69413	FZ94560	69613	13,300	10	100	21
	Z80	FZ74580	69414	FZ94580	69614	13,300	10	100	21
	Z120	FZ745120	69416	FZ945120	69616	13,300	10	100	21
4-1/2" x 5/8-11 with Hub	Z36	FZ74636	69421	FZ94636	69621	13,300	10	-	4
	Z40	FZ74640	69422	FZ94640	69622	13,300	10	-	4
	Z60	FZ74660	69423	FZ94660	69623	13,300	10	-	4
	Z80	FZ74680	69424	FZ94680	69624	13,300	10	-	4
	Z120	FZ746120	69426	FZ946120	69626	13,300	10	-	4
7" x 7/8"	Z40			FZ97040	69672	8,500	10	40	19
	Z60			FZ97060	69673	8,500	10	40	19
	Z80			FZ97080	69674	8,500	10	40	19
	Z120			FZ970120	69676	8,500	10	40	19
7" x 5/8-11 with Hub	Z40			FZ97540	69682	8,500	10	-	8
	Z60			FZ97560	69683	8,500	10	-	8
	Z80			FZ97580	69684	8,500	10	-	8
	Z120			FZ975120	69686	8,500	10	-	8



Z10
General Purpose
Zirconia

- Zirconia Alumina Grain provides faster cutting, long working life for hard to grind materials
- Excellent for Stainless Steel and Steel
- Suitable for various heavy duty grinding applications



Z25 Zirconia Alumina - **Industrial Grade** disc made with premium zirconia on a durable polyester-cotton backing. Provides high stock removal and long life on a wide variety of ferrous metals and hard to grind materials.



Size Dia. x Arbor	Grit	TYPE 27 		TYPE 29 		Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn/ Wgt
		Item No.	UPC	Item No.	UPC				
4-1/2" x 7/8"	Z40	FZ74540K	64012	FZ94540K	64212	13,300	10	100	21
	Z60	FZ74560K	64013	FZ94560K	64213	13,300	10	100	21
	Z80	FZ74580K	64014	FZ94580K	64214	13,300	10	100	21
	Z120	FZ745120K	64016	FZ945120K	64216	13,300	10	100	21
4-1/2" x 5/8-11 with Hub	Z40	FZ74640K	64022	FZ94640K	64222	13,300	10	-	4
	Z60	FZ74660K	64023	FZ94660K	64223	13,300	10	-	4
	Z80	FZ74680K	64024	FZ94680K	64224	13,300	10	-	4
	Z120	FZ746120K	64026	FZ946120K	64226	13,300	10	-	4



Z25
Industrial Grade
Zirconia - Korea

Z31 Zirconia Alumina - **High Performance** disc made with premium zirconia coated abrasive material from Europe. Provides superior grinding and finishing capability on a wide variety of ferrous metals and stainless steel, while providing excellent life.



Size Dia. x Arbor	Grit	TYPE 27 		TYPE 29 		Max. RPM	Pcs/ Box	Pcs/ Ctn	Ctn/ Wgt
		Item No.	UPC	Item No.	UPC				
4-1/2" x 7/8"	Z40	FZ74540V	64512	FZ94540V	64712	13,300	10	100	21
	Z60	FZ74560V	64513	FZ94560V	64713	13,300	10	100	21
	Z80	FZ74580V	64514	FZ94580V	64714	13,300	10	100	21
	Z120	FZ745120V	64516	FZ945120V	64716	13,300	10	100	21
4-1/2" x 5/8-11 with Hub	Z40	FZ74640V	64522	FZ94640V	64722	13,300	10	-	4
	Z60	FZ74660V	64523	FZ94660V	64723	13,300	10	-	4
	Z80	FZ74680V	64524	FZ94680V	64724	13,300	10	-	4
	Z120	FZ746120V	64526	FZ946120V	64726	13,300	10	-	4



Z31
High Performance
Zirconia - Germany

Grade	Abrasive Grain	Description and Application
A11	Aluminum Oxide	General purpose. Can be used on ferrous and non-ferrous materials
Z10	Zirconia	General purpose (more aggressive than A11)
Z25	Premium Zirconia	Industrial grade, providing high stock removal and long life. Coated abrasive cloth is made in Korea
Z31	Premium Zirconia	High performance and long life. Providing superior grinding and finishing capability on a variety of materials. Coated abrasive cloth is made in Europe

QS - QUICK CHANGE SURFACE CONDITIONING DISCS

Premium materials made in UK



- Use for stock removal, finishing, deburring and blending of metal and other materials.
- High performance surface conditioning disc for various applications
- Fast tool-free disc changing and mounting

NOTE: Quick Change Holder is available; See page 25



TYPE 1
PUSH-ON HUB



TYPE 2
SCREW-ON (Plastic Hub)



TYPE 2
SCREW-ON (Metal Hub)



TYPE 3
ROLL-ON HUB



COARSE - MEDIUM - V. FINE

With TYPE 1 PUSH-ON HUB

Spec.	1-1/2"		2"		3"		4"		Disc Color
	Item No.	UPC	Item No.	UPC	Item No.	UPC	Item No.	UPC	
Coarse	QS1153	66204	QS1203	66208	QS1303	66212	QS1403	66216	Brown
Medium	QS1155	66205	QS1205	66209	QS1305	66213	QS1405	66217	Maroon
V-Fine	QS1157	66206	QS1207	66210	QS1307	66214	QS1407	66218	Blue
		50/Case			50/Case	25/Case			10/Case

With TYPE 2 SCREW-ON PLASTIC HUB

Spec.	1-1/2"		2"		3"		4"		Disc Color
	Item No.	UPC	Item No.	UPC	Item No.	UPC	Item No.	UPC	
Coarse	QS2153	66224	QS2203	66228	QS2303	66232	QS2403	66236	Brown
Medium	QS2155	66225	QS2205	66229	QS2305	66233	QS2405	66237	Maroon
V-Fine	QS2157	66226	QS2207	66230	QS2307	66234	QS2407	66238	Blue
		50/Case			50/Case	25/Case			10/Case

With TYPE 2 SCREW-ON METAL HUB

Spec.	1-1/2"		2"		3"		4"		Disc Color
	Item No.	UPC	Item No.	UPC	Item No.	UPC	Item No.	UPC	
Coarse	QS2153MT	66244	QS2203MT	66248	QS2303MT	66252	QS2403MT	66256	Brown
Medium	QS2155MT	66245	QS2205MT	66249	QS2305MT	66253	QS2405MT	66257	Maroon
V-Fine	QS2157MT	66246	QS2207MT	66250	QS2307MT	66254	QS2407MT	66258	Blue
		50/Case			50/Case	25/Case			10/Case

With TYPE 3 ROLL-ON HUB

Spec.	1-1/2"		2"		3"		4"		Disc Color
	Item No.	UPC	Item No.	UPC	Item No.	UPC	Item No.	UPC	
Coarse	QS3153	66264	QS3203	66268	QS3303	66272	QS3403	66276	Brown
Medium	QS3155	66265	QS3205	66269	QS3305	66273	QS3405	66277	Maroon
V-Fine	QS3157	66266	QS3207	66270	QS3307	66274	QS3407	66278	Blue
		50/Case			50/Case	25/Case			10/Case

IDENTIFICATION OF GRIT SIZE with COLOR CODED DISC HUBS for QA & QZ

Color	BLACK	BROWN	RED	GREEN	ORANGE	YELLOW	BLUE	WHITE
Grits	24 or 150	36 or 180	40 or 220	50 or 240	60 or 280	80 or 320	100 or 360	120 or 400

MAX. RPM for QS, QA & QZ DISCS

Size	1"	1-1/2"	2"	3"	4"
Max RPM	40,000	30,000	30,000	20,000	15,000

PACKAGING for QS, QA & QZ DISCS

Size	1"	1-1/2"	2"	3"	4"
Pcs/Bag	50	50	50	25	10

QA - QUICK CHANGE SANDING DISCS



Aluminum Oxide Resin Bond Coated Abrasive

- Use premium aluminum oxide grain for long lasting and fast cutting
- Provides fine finish capability, perfect for light finishing metal and wood surface
- Removes old paint, rust and corrosive surface
- Fast tool-free disc changing and mounting

NOTE: Quick Change Holder is available; See Page 25



With TYPE 1 PUSH-ON HUB



A/O Grit	1-1/2"		2"		3"		4"		Hub Color
	Item No.	UPC	Item No.	UPC	Item No.	UPC	Item No.	UPC	
24	QA11524	66501	QA12024	66521	QA13024	66541	QA14024	66561	Black
36	QA11536	66502	QA12036	66522	QA13036	66542	QA14036	66562	Brown
50	QA11550	66503	QA12050	66523	QA13050	66543	QA14050	66563	Green
60	QA11560	66504	QA12060	66524	QA13060	66544	QA14060	66564	Orange
80	QA11580	66505	QA12080	66525	QA13080	66545	QA14080	66565	Yellow
100	QA115100	66506	QA120100	66526	QA130100	66546	QA140100	66566	Blue
120	QA115120	66507	QA120120	66527	QA130120	66547	QA140120	66567	White
150	QA115150	66508	QA120150	66528	QA130150	66548	QA140150	66568	Black
180	QA115180	66509	QA120180	66529	QA130180	66549	QA140180	66569	Brown
220	QA115220	66510	QA120220	66530	QA130220	66550	QA140220	66570	Red
240	QA115240	66511	QA120240	66531	QA130240	66551	QA140240	66571	Green
280	QA115280	66512	QA120280	66532	QA130280	66552	QA140280	66572	Orange
320	QA115320	66513	QA120320	66533	QA130320	66553	QA140320	66573	Yellow
360	QA115360	66514	QA120360	66534	QA130360	66554	QA140360	66574	Blue
400	QA115400	66515	QA120400	66535	QA130400	66555	QA140400	66575	White
		50/Case			50/Case			25/Case	10/Case

With TYPE 2 SCREW-ON PLASTIC HUB



A/O Grit	1-1/2"		2"		3"		4"		Hub Color
	Item No.	UPC	Item No.	UPC	Item No.	UPC	Item No.	UPC	
24	QA21524	66601	QA22024	66621	QA23024	66641	QA24024	66661	Black
36	QA21536	66602	QA22036	66622	QA23036	66642	QA24036	66662	Brown
50	QA21550	66603	QA22050	66623	QA23050	66643	QA24050	66663	Green
60	QA21560	66604	QA22060	66624	QA23060	66644	QA24060	66664	Orange
80	QA21580	66605	QA22080	66625	QA23080	66645	QA24080	66665	Yellow
100	QA215100	66606	QA220100	66626	QA230100	66646	QA240100	66666	Blue
120	QA215120	66607	QA220120	66627	QA230120	66647	QA240120	66667	White
150	QA215150	66608	QA220150	66628	QA230150	66648	QA240150	66668	Black
180	QA215180	66609	QA220180	66629	QA230180	66649	QA240180	66669	Brown
220	QA215220	66610	QA220220	66630	QA230220	66650	QA240220	66670	Red
240	QA215240	66611	QA220240	66631	QA230240	66651	QA240240	66671	Green
280	QA215280	66612	QA220280	66632	QA230280	66652	QA240280	66672	Orange
320	QA215320	66613	QA220320	66633	QA230320	66653	QA240320	66673	Yellow
360	QA215360	66614	QA220360	66634	QA230360	66654	QA240360	66674	Blue
400	QA215400	66615	QA220400	66635	QA230400	66655	QA240400	66675	White
		50/Case			50/Case			25/Case	10/Case

QA - QUICK CHANGE SANDING DISCS



Aluminum Oxide Resin Bond Coated Abrasive

- Aluminum oxide for general purpose applications
- Use for light to medium grinding deburring and finishing applications
- Fast tool-free disc changing and mounting
- Available in Push-on, Screw-on and Roll-on Quick Change Hubs



With TYPE 2  SCREW-ON METAL HUB



A/O Grit	1-1/2"			2"			3"			4"			Hub
	Item No.	UPC	Price	Item No.	UPC	Price	Item No.	UPC	Price	Item No.	UPC	Price	
24	QA21524MT	66701	0.50	QA22024MT	66721	0.53	QA23024MT	66741	0.71	QA24024MT	66761	1.11	Metal
36	QA21536MT	66702	0.49	QA22036MT	66722	0.53	QA23036MT	66742	0.69	QA24036MT	66762	1.09	Metal
50	QA21550MT	66703	0.48	QA22050MT	66723	0.50	QA23050MT	66743	0.66	QA24050MT	66763	1.03	Metal
60	QA21560MT	66704	0.48	QA22060MT	66724	0.49	QA23060MT	66744	0.64	QA24060MT	66764	0.99	Metal
80	QA21580MT	66705	0.48	QA22080MT	66725	0.48	QA23080MT	66745	0.62	QA24080MT	66765	0.95	Metal
100	QA215100MT	66706	0.48	QA220100MT	66726	0.48	QA230100MT	66746	0.62	QA240100MT	66766	0.95	Metal
120	QA215120MT	66707	0.48	QA220120MT	66727	0.48	QA230120MT	66747	0.62	QA240120MT	66767	0.95	Metal
150	QA215150MT	66708	0.48	QA220150MT	66728	0.48	QA230150MT	66748	0.62	QA240150MT	66768	0.95	Metal
180	QA215180MT	66709	0.48	QA220180MT	66729	0.48	QA230180MT	66749	0.62	QA240180MT	66769	0.95	Metal
220	QA215220MT	66710	0.48	QA220220MT	66730	0.48	QA230220MT	66750	0.62	QA240220MT	66770	0.95	Metal
240	QA215240MT	66711	0.48	QA220240MT	66731	0.48	QA230240MT	66751	0.62	QA240240MT	66771	0.95	Metal
280	QA215280MT	66712	0.48	QA220280MT	66732	0.48	QA230280MT	66752	0.62	QA240280MT	66772	0.95	Metal
320	QA215320MT	66713	0.48	QA220320MT	66733	0.48	QA230320MT	66753	0.62	QA240320MT	66773	0.95	Metal
360	QA215360MT	66714	0.48	QA220360MT	66734	0.48	QA230360MT	66754	0.62	QA240360MT	66774	0.95	Metal
400	QA215400MT	66715	0.48	QA220400MT	66735	0.48	QA230400MT	66755	0.62	QA240400MT	66775	0.95	Metal
50/Case			50/Case			25/Case			10/Case				

With TYPE 3  ROLL-ON HUB



A/O Grit	1-1/2"			2"			3"			4"			Hub Color
	Item No.	UPC	Price	Item No.	UPC	Price	Item No.	UPC	Price	Item No.	UPC	Price	
24	QA31524	66801	0.45	QA32024	66821	0.47	QA33024	66841	0.63	QA34024	66861	0.99	Black
36	QA31536	66802	0.44	QA32036	66822	0.47	QA33036	66842	0.62	QA34036	66862	0.97	Brown
50	QA31550	66803	0.43	QA32050	66823	0.45	QA33050	66843	0.59	QA34050	66863	0.92	Green
60	QA31560	66804	0.43	QA32060	66824	0.44	QA33060	66844	0.57	QA34060	66864	0.88	Orange
80	QA31580	66805	0.43	QA32080	66825	0.43	QA33080	66845	0.55	QA34080	66865	0.85	Yellow
100	QA315100	66806	0.43	QA320100	66826	0.43	QA330100	66846	0.55	QA340100	66866	0.85	Blue
120	QA315120	66807	0.43	QA320120	66827	0.43	QA330120	66847	0.55	QA340120	66867	0.85	White
150	QA315150	66808	0.43	QA320150	66828	0.43	QA330150	66848	0.55	QA340150	66868	0.85	Black
180	QA315180	66809	0.43	QA320180	66829	0.43	QA330180	66849	0.55	QA340180	66869	0.85	Brown
220	QA315220	66810	0.43	QA320220	66830	0.43	QA330220	66850	0.55	QA340220	66870	0.85	Red
240	QA315240	66811	0.43	QA320240	66831	0.43	QA330240	66851	0.55	QA340240	66871	0.85	Green
280	QA315280	66812	0.43	QA320280	66832	0.43	QA330280	66852	0.55	QA340280	66872	0.85	Orange
320	QA315320	66813	0.43	QA320320	66833	0.43	QA330320	66853	0.55	QA340320	66873	0.85	Yellow
360	QA315360	66814	0.43	QA320360	66834	0.43	QA330360	66854	0.55	QA340360	66874	0.85	Blue
400	QA315400	66815	0.43	QA320400	66835	0.43	QA330400	66855	0.55	QA340400	66875	0.85	White
50/Case			50/Case			25/Case			10/Case				

QZ - QUICK CHANGE SANDING DISCS

Zirconia Resin Bond Coated Abrasive



- Excellent for light to medium grinding, deburring and finishing applications
- Available in Push-on, Screw-on and Roll-on Hubs
- Zirconia aluminum oxide for faster, aggressive and long lasting application
- Fast tool-free disc changing and mounting



With TYPE 1 PUSH-ON HUB

ZA Grit	1-1/2"		2"		3"		4"		Hub Color
	Item No.	UPC	Item No.	UPC	Item No.	UPC	Item No.	UPC	
24	QZ11524	67001	QZ12024	67021	QZ13024	67041	QZ14024	67061	Black
36	QZ11536	67002	QZ12036	67022	QZ13036	67042	QZ14036	67062	Brown
50	QZ11550	67003	QZ12050	67023	QZ13050	67043	QZ14050	67063	Green
60	QZ11560	67004	QZ12060	67024	QZ13060	67044	QZ14060	67064	Orange
80	QZ11580	67005	QZ12080	67025	QZ13080	67045	QZ14080	67065	Yellow
100	QZ115100	67006	QZ120100	67026	QZ130100	67046	QZ140100	67066	Blue
120	QZ115120	67007	QZ120120	67027	QZ130120	67047	QZ140120	67067	White
		50/Case			50/Case	25/Case			10/Case

With TYPE 2 SCREW-ON PLASTIC HUB

ZA Grit	1-1/2"		2"		3"		4"		Hub Color
	Item No.	UPC	Item No.	UPC	Item No.	UPC	Item No.	UPC	
24	QZ21524	67101	QZ22024	67121	QZ23024	67141	QZ24024	67161	Black
36	QZ21536	67102	QZ22036	67122	QZ23036	67142	QZ24036	67162	Brown
50	QZ21550	67103	QZ22050	67123	QZ23050	67143	QZ24050	67163	Green
60	QZ21560	67104	QZ22060	67124	QZ23060	67144	QZ24060	67164	Orange
80	QZ21580	67105	QZ22080	67125	QZ23080	67145	QZ24080	67165	Yellow
100	QZ215100	67106	QZ220100	67126	QZ230100	67146	QZ240100	67166	Blue
120	QZ215120	67107	QZ220120	67127	QZ230120	67147	QZ240120	67167	White
		50/Case			50/Case	25/Case			10/Case

With TYPE 2 SCREW-ON METAL HUB

ZA Grit	1-1/2"		2"		3"		4"		Hub
	Item No.	UPC	Item No.	UPC	Item No.	UPC	Item No.	UPC	
24	QZ21524MT	67201	QZ22024MT	67221	QZ23024MT	67241	QZ24024MT	67261	Metal
36	QZ21536MT	67202	QZ22036MT	67222	QZ23036MT	67242	QZ24036MT	67262	Metal
50	QZ21550MT	67203	QZ22050MT	67223	QZ23050MT	67243	QZ24050MT	67263	Metal
60	QZ21560MT	67204	QZ22060MT	67224	QZ23060MT	67244	QZ24060MT	67264	Metal
80	QZ21580MT	67205	QZ22080MT	67225	QZ23080MT	67245	QZ24080MT	67265	Metal
100	QZ215100MT	67206	QZ220100MT	67226	QZ230100MT	67246	QZ240100MT	67266	Metal
120	QZ215120MT	67207	QZ220120MT	67227	QZ230120MT	67247	QZ240120MT	67267	Metal
		50/Case			50/Case	25/Case			10/Case

With TYPE 3 ROLL-ON HUB

ZA Grit	1-1/2"		2"		3"		4"		Hub Color
	Item No.	UPC	Item No.	UPC	Item No.	UPC	Item No.	UPC	
24	QZ31524	67301	QZ32024	67321	QZ33024	67341	QZ34024	67361	Black
36	QZ31536	67302	QZ32036	67322	QZ33036	67342	QZ34036	67362	Brown
50	QZ31550	67303	QZ32050	67323	QZ33050	67343	QZ34050	67363	Green
60	QZ31560	67304	QZ32060	67324	QZ33060	67344	QZ34060	67364	Orange
80	QZ31580	67305	QZ32080	67325	QZ33080	67345	QZ34080	67365	Yellow
100	QZ315100	67306	QZ320100	67326	QZ330100	67346	QZ340100	67366	Blue
120	QZ315120	67307	QZ320120	67327	QZ330120	67347	QZ340120	67367	White
		50/Case			50/Case	25/Case			10/Case

QP - QUICK CHANGE SPW - Type 1, 2 & 3



- Designed for surface preparation of steel, aluminum and non-ferrous metals
- Blends and smooths coated abrasive scratch patterns on metal fabrications
- Provides super fine finish capability, perfect for light finishing metal and wood surface
- Removes old paint, rust and corrosive surface
- Fast tool-free disc changing and mounting



With Type 1 Push-On Hub

Item No.	UPC	Dia.	Spec.	Grain	Max. RPM	Case
QP1155	68206	1-1/2"	Maroon-Fine	A/O	25,000	25
QP1159	68207	1-1/2"	Gray-S. Fine	S/C	25,000	25
QP1205	68210	2"	Maroon-Fine	A/O	25,000	25
QP1209	68211	2"	Gray-S. Fine	S/C	25,000	25
QP1305	68214	3"	Maroon-Fine	A/O	20,000	10
QP1309	68215	3"	Gray-S. Fine	S/C	20,000	10



With Type 2 Screw-On Plastic Hub

Item No.	UPC	Dia.	Spec.	Grain	Max. RPM	Case
QP2155	68226	1-1/2"	Maroon-Fine	A/O	25,000	25
QP2159	68227	1-1/2"	Gray-S. Fine	S/C	25,000	25
QP2205	68230	2"	Maroon-Fine	A/O	25,000	25
QP2209	68231	2"	Gray-S. Fine	S/C	25,000	25
QP2305	68234	3"	Maroon-Fine	A/O	20,000	10
QP2309	68235	3"	Gray-S. Fine	S/C	20,000	10



With Type 2 Screw-On Metal Hub

Item No.	UPC	Dia.	Spec.	Grain	Max. RPM	Case
QP2155MT	68236	1-1/2"	Maroon-Fine	A/O	25,000	25
QP2159MT	68237	1-1/2"	Gray-S. Fine	S/C	25,000	25
QP2205MT	68240	2"	Maroon-Fine	A/O	25,000	25
QP2209MT	68241	2"	Gray-S. Fine	S/C	25,000	25
QP2305MT	68244	3"	Maroon-Fine	A/O	20,000	10
QP2309MT	68245	3"	Gray-S. Fine	S/C	20,000	10



With Type 3 Roll-On Hub

Item No.	UPC	Dia.	Spec.	Grain	Max. RPM	Case
QP3155	68246	1-1/2"	Maroon-Fine	A/O	25,000	25
QP3159	68247	1-1/2"	Gray-S. Fine	S/C	25,000	25
QP3205	68250	2"	Maroon-Fine	A/O	25,000	25
QP3209	68251	2"	Gray-S. Fine	S/C	25,000	25
QP3305	68254	3"	Maroon-Fine	A/O	20,000	10
QP3309	68255	3"	Gray-S. Fine	S/C	20,000	10



NOTE: Also available in Type 27 wheels; See page 6

STRIPPING WHEELS



- Tough synthetic fiber impregnated with abrasive grain to provide fast and effective removal of surface contaminants without loading
- Ideal for cleaning, stripping and removing coating on a variety of substrate including wood, metal and plastics
- Available in different mounting types: 7/8" Arbor Holes, 1/4" Shank and Quick Change Hubs for fast tool-free disc changing and mounting.



SB27 - TYPE 27 Stripping Wheels



Item No.	UPC	Size Dia. x Arbor	Max RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
SB7457	68353	4-1/2" x 7/8"	11,000	10	100	24
SB7455	68354	4-1/2" x 5/8-11	11,000	10	100	6



QB - Stripping Disc with Type 2 Screw-on Hub



Item No.	UPC	Dia.	Button Color	Max RPM	Pcs/ Box	Pcs/ Ctn	Box Wgt
QB2151	68303	1-1/2"	Black	15,000	25	-	0.3
QB2201	68304	2"	Black	12,000	25	-	0.5
QB2301	68305	3"	Black	8,500	10	-	0.4



QB - Stripping Disc with Type 3 Roll-on Hub



Item No.	UPC	Dia.	Button Color	Max RPM	Pcs/ Box	Pcs/ Ctn	Box Wgt
QB3151	68307	1-1/2"	Black	15,000	25	-	0.3
QB3201	68308	2"	Black	12,000	25	-	0.5
QB3301	68309	3"	Black	8,500	10	-	0.4



SB - Stripping Wheel with Center Arbor Hole

Item No.	UPC	Size Dia. x Arbor	Button Color	Max RPM	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
SB2014	68320	2" x 1/4"	Black	12,000	10	60	2.5
SB3014	68322	3" x 1/4"	Black	8,500	10	60	4.8
SB4014	68324	4" x 1/4"	Black	6,000	10	80	9.5
SB6012	68326	6" x 1/2"	Black	4,000	6	36	9.5
SB8012	68328	8" x 1/2"	Black	3,000	4	24	11.0



SBM - Mandrels for Stripping Wheels with 1/4" Shank

Item No.	UPC	Size Dia. x Arbor	Fit Arbor	Length	Pcs/ Box	Pcs/ Ctn	Ctn Wgt
SM1414	68344	2"-4" x Up to 1"	1/4"-5/16"	2-1/4"	1	5	0.46
SM1214	68346	6"-8" x Up to 1"	1/2"	3-1/8"	1	5	1.65



HOOK GRIP SURFACE CONDITIONING DISCS



- Hook Grip Surface Conditioning Discs provide a combination of aggressive performance, long life and fine finish
- Used with Hook-Grip Holder to allow quick changing discs and less downtime



VS - Hook Grip Surface Conditioning Discs

Item No.	UPC	Dia.	Disc Color	Spec.	Pcs/Box	Pcs/Ctn	Ctn/Wgt
VS0153	66404	1-1/2"	Brown	Coarse	50	600	3.8
VS0155	66405	1-1/2"	Maroon	Medium	50	600	3.0
VS0157	66406	1-1/2"	Blue	V. Fine	50	600	2.8
VS0203	66408	2"	Brown	Coarse	50	600	6.3
VS0205	66409	2"	Maroon	Medium	50	600	6.0
VS0207	66410	2"	Blue	V. Fine	50	600	5.0
VS0303	66412	3"	Brown	Coarse	25	300	8.0
VS0305	66413	3"	Maroon	Medium	25	300	7.2
VS0307	66414	3"	Blue	V. Fine	25	300	6.8
VS0403	66416	4"	Brown	Coarse	25	300	14.3
VS0405	66417	4"	Maroon	Medium	25	300	12.8
VS0407	66418	4"	Blue	V. Fine	25	300	12.1
VS0453	66420	4-1/2"	Brown	Coarse	10	100	6.0
VS0455	66421	4-1/2"	Maroon	Medium	10	100	5.4
VS0457	66422	4-1/2"	Blue	V. Fine	10	100	5.1
VS0503	66424	5"	Brown	Coarse	10	100	7.3
VS0505	66425	5"	Maroon	Medium	10	100	6.7
VS0507	66426	5"	Blue	V. Fine	10	100	6.3
VS0603	66428	6"	Brown	Coarse	10	100	10.7
VS0605	66429	6"	Maroon	Medium	10	100	9.6
VS0607	66430	6"	Blue	V. Fine	10	100	9.1
VS0703	66432	7"	Brown	Coarse	10	100	14.5
VS0705	66433	7"	Maroon	Medium	10	100	13.5
VS0707	66434	7"	Blue	V. Fine	10	100	12.3
VS0803	66436	8"	Brown	Coarse	10	100	19.0
VS0805	66437	8"	Maroon	Medium	10	100	17.1
VS0807	66438	8"	Blue	V. Fine	10	100	16.1



HAND PADS



6 x 9 Hand Pads are excellent for hand surface preparation and finishing

HP - 6"x 9" HAND PADS

Non-Woven Synthetic Fiber with Abrasive Grain

Item No.	UPC	Size L x W	Description	Color	Pcs/Bag
PB6943	68102	6" x 9"	A/O Extra Cut	Brown	10
PG6945	68103	6" x 9"	A/O General Purpose	Green	20
PM6947	68104	6" x 9"	A/O Very Fine	Maroon	20
PS6948	68105	6" x 9"	S/C Ultra Fine	Gray	20
PW6949	68106	6" x 9"	No Abrasive	White	20



QUICK CHANGE HOLDER PADS

Type 1 Push-On Holders

Item No.	UPC	Dia.	Grade	Pcs/Box
QH110	66911	1"	Medium	100
QH115	66912	1-1/2"	Medium	100
QH120	66913	2"	Medium	100
QH130	66914	3"	Medium	50
QH120FM	66922	2"	Firm	100
QH130FM	66923	3"	Firm	50
QH120SF	66926	2"	Soft	100
QH130SF	66927	3"	Soft	50



Type 2 Screw-On Holders

Item No.	UPC	Dia.	Grade	Pcs/Box
QH207	66930	3/4"	Medium	100
QH210	66931	1"	Medium	100
QH215	66932	1-1/2"	Medium	100
QH220	66933	2"	Medium	100
QH230	66934	3"	Medium	50
QH240	66935	4"	Medium	30
QH220FM	66942	2"	Firm	100
QH230FM	66943	3"	Firm	50
QH220SF	66946	2"	Soft	100
QH230SF	66947	3"	Soft	50



Type 3 Roll-On Holders

Item No.	UPC	Dia.	Grade	Pcs/Box
QH310	66951	1"	Medium	100
QH315	66952	1-1/2"	Medium	100
QH320	66953	2"	Medium	100
QH330	66954	3"	Medium	50
QH340	66955	4"	Medium	30
QH320FM	66962	2"	Firm	100
QH330FM	66963	3"	Firm	50
QH320SF	66966	2"	Soft	100
QH330SF	66967	3"	Soft	50



ACCESSORY ITEMS

Item No.	UPC	Description
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Raised HUB ADAPTORS for 7" & 9" Type 27 & 28

DS14NR	90050	(Non-reusable) for 1/4" wheel thic.
DK14RU	90051	(Reusable) for 1/4" & 1/8" wheel thic.



MANDRELS with 1/4" Shank for 2", 3" & 4" Cut-off wheels

CM18	90040	For wheels with 1/8" arbor
CM23	90041	For wheels with 1/4" or 3/8" arbor
CM28	90042	For wheels with 1/4" arbor
CM38	90043	For wheels with 3/8" arbor



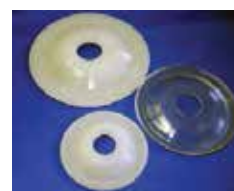
BUSHINGS - For CUT-OFF WHEELS Arbor hole reduction

CB34	90004	For arbor from 1" to 3/4"
CB85	90005	For arbor from 1" to 5/8"
CB86	90006	For arbor from 1" to 20mm
CB87	90007	For arbor from 1" to 7/8"
CBD5	90008	For arbor from Diamond to 5/8"



BACKING PADS - For Flexible Depressed Center Wheels

FP40	90024	For 4" Flexible Type 27 wheels
FP45	90025	For 4-1/2" Flexible Type 27 wheels
FP70	90027	For 7" Flexible Type 27 wheels



PNEUMATIC TOOLS

Item No.	UPC	Sizes	Description	Box/Ctn
ACS231	90302	3"	Cut-off Saw	1/20



ACS231

PROFESSIONAL HAND TOOLS INDUSTRIAL GRADE

Item No.	UPC	Sizes	Description	Box/Ctn
PLM9830	90312	9"	Lineman S/Cut	10/50
PLN8210	90313	8"	Long Nose S/Cut	10/40
PSJ8102	90314	8"	Slip Joint	10/40



PLM9830

PLN8210

PSJ8102

ADJUSTABLE WRENCH w/Scale & Phosphate Finish

Item No.	UPC	Sizes	Description	Box/Ctn
WA06PS	90322	6"	Adjustable Wrench	12/144
WA08PS	90323	8"	Adjustable Wrench	12/96
WA10PS	90324	10"	Adjustable Wrench	12/48
WA12PS	90325	12"	Adjustable Wrench	6/24
WA15PS	90326	15"	Adjustable Wrench	5/20
WA18PS	90327	18"	Adjustable Wrench	6/12
WA24PS	90328	24"	Adjustable Wrench	1/6



WA06PS

WA10PS

WA15PS

ADJUSTABLE STRUCTURAL WRENCH w/Scale & Phosphate Finish

Item No.	UPC	Sizes	Description	Box/Ctn
WA16STL	90331	16"	Adj. Structural Wrench	5/20



WA16STL

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

TERMS OF SALE

PAYMENT TERMS

Net 30 days from the date of invoice with approved credit. Price are FOB origin.

CREDIT

All orders will be shipped C.O.D., or Cash in Advance unless open account has been established and maintained within the credit limit. Any invoice not paid within 45 days will be considered delinquent, all in-house orders and future orders will be placed on hold until delinquent invoices are paid. Griton reserves the right to impose a late payment charge of 1.5% per month on any past-due unpaid balances.

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All stock items presented with item numbers listed in the price list are available in cartons. For items that are not listed in the price list or listed with an asterisk(*), called non-stock items, they are made-to-order. No cancellation or return allowed.

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Minimum order is \$100. For order less than \$100, there will be an additional \$10 charged for processing fee. All broken carton are subject to a 5% surcharge.

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