

Depressed Center Wheels

General Information

NorZon Plus

- Premium, combination of Norton SG (ceramic alumina) and NorZon (zirconia alumina).
- 50 to 200% better overall performance than competitive Zirconia wheels.
- Up to 10 times the performance of aluminum oxide wheels.
- 50% or better cut rate than competitive wheels.
- Excellent performance on all grinding jobs from gray iron to exotic alloys and stainless steel.
- Advanced bond system.
- The fastest cutting zirconia wheel on the market.
- Easy on the operator and equipment.



Best

Charger Plus

- High percentage of premium NorZon (zirconia alumina) abrasive grain blended with premium aluminum oxide.
- 2-3 times the life of aluminum oxide wheels.
- Free cutting.
- Effectively grinds a variety of metals from alloys and stainless to gray iron.
- Economical performance to price ratio lowers total cost.



Better

Type 29 Flexible Wheels

- Type 29 shape used at a 15° angle.
- Aluminum oxide grain in a uniquely patterned face allows interrupted cut which reduces heat on work piece and prevents loading.
- Shallow grinding angle permits larger contact area with less gouging of work piece.
- **AVOS** patented technology - Allows **View Of Surface**.
- Innovative shape and patented design that provides complete vision of the grinding zone.
- Operator can grind more accurately with less re-work.



Better

Gemini Aluminum Oxide

- Fast cut for quick stock removal on hard metals.
- Long life provides exceptional life and cut rate on carbon and stainless steels.
- Contains no wax or rubber fillers.
- Grinds aluminum and soft metals without loading.



Good

Gemini Stainless Steel

- 3/32" and 1/4" thick, contaminant free: no iron, sulfur or chlorine—Ideal for nuclear industry.
- Grinds all kinds of stainless steel and various hard alloys.

Type 27 Wheels

Type 27 – .125", .045", 1/16" Metal/Steel/Stainless - Cutting Only

- Use where fast cutting and low kerf loss are desired.



Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66252830742	4-1/2" x .045" x 7/8"	13,580	20	NorZon Plus
66252819549	4-1/2" x .045" x 5/8"-11	13,580	20	Gemini
66252830748	4-1/2" x .045" x 5/8"-11	13,580	20	NorZon Plus
66252819548	4-1/2" x .045" x 7/8"	13,580	20	Gemini
66252830744	5" x .045" x 7/8"	12,225	20	NorZon Plus
66252830586	5" x .045" x 5/8"-11	12,225	20	Gemini
66252819550	5" x .045" x 7/8"	12,225	20	Gemini
66252830745	6" x .045" x 7/8"	10,185	20	NorZon Plus
66252830587	6" x .045" x 5/8"-11	10,185	20	Gemini
66252819551	6" x .045" x 7/8"	10,185	20	Gemini
66252912626	7" x 1/16" x 7/8"	8,600	20	Gemini
66253019115	9" x 1/16" x 5/8"-11	6,600	10	Gemini

Type 27 – 3/16", 3/32" Cutting Only/Pipe

- Use where fast cutting and low kerf loss are desired.
- Ideal for pipe cutting.



Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66252830446	4-1/2" x 3/16" x 7/8"	13,580	20	NorZon Plus
66252823102	4-1/2" x 3/32" x 5/8"-11	13,580	20	Gemini Stainless
66252823103	4-1/2" x 3/32" x 7/8"	13,580	20	Gemini Stainless
66252823106	5" x 3/32" x 7/8"	12,225	20	Gemini Stainless

Type 27 Wheels



Type 27 – 1/8" Metal/Steel - Cutting/Notching/Light Grinding

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66243529885	4" x 1/8" x 5/8"	15,280	20	NorZon Plus
66243529851				Charger Plus
66243530619				Gemini
66252830445	4-1/2" x 1/8" x 5/8" -11	13,580	20	NorZon Plus
66252829853				Charger Plus
66252830435				Gemini
66252830444	4-1/2" x 1/8" x 7/8"	13,580	20	NorZon Plus
66252829854				Charger Plus
66252830609				Gemini
66252829857	5" x 1/8" x 5/8" -11	12,225	20	Charger Plus
66252830789	5" x 1/8" x 7/8"	12,225	20	NorZon Plus
66252829858				Charger Plus
66252830614				Gemini
66252809367	6" x 1/8" x 7/8"	10,185	20	Charger Plus
66252801864				Gemini
66252938855	7" x 1/8" x 5/8" -11	8,600	10	NorZon Plus
66252929862				Charger Plus
66252939259				Gemini
66252938854	7" x 1/8" x 7/8"	8,600	20	NorZon Plus
66252929863				Charger Plus
66252939207				Gemini
66253048897	9" x 1/8" x 5/8" -11	6,600	10	NorZon Plus
66253029866				Charger Plus
66253048983				Gemini
66253048896	9" x 1/8" x 7/8"	6,600	20	NorZon Plus
66253029867				Charger Plus
66253048994				Gemini



Type 27 – 1/4" Stainless Steel - Grinding

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66252819568	4-1/2" x 1/4" x 5/8" -11	13,580	20	Gemini Stainless
66252819567	4-1/2" x 1/4" x 7/8"	13,580	20	Gemini Stainless
66252819570	5" x 1/4" x 7/8"	12,225	20	Gemini Stainless
66252912639	7" x 1/4" x 5/8" -11	8,600	10	Gemini Stainless
66252912638	7" x 1/4" x 7/8"	8,600	20	Gemini Stainless

Type 27 – 1/4" Metal/Steel - Grinding

- Fast Cut - Grinding with low horsepower and electric grinders or where low pressure is used.
- Long Life - Grinding with high horsepower machines (3 hp or higher) and heavy pressure; flame cut and other severe applications.

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66243529887	4" x 1/4" x 5/8"	15,280	20	NorZon Plus
66243529852				Charger Plus
66243519884				Gemini Fast Cut
66243530620				Gemini
66252828804	4-1/2" x 1/4" x 5/8" -11	13,580	20	NorZon Plus
66252829855				Charger Plus
66252817084				Gemini Fast Cut
66252830432				Gemini
66243578251	4-1/2" x 1/4" x 7/8"	13,580	20	Charger Plus Fast Cut
66252828803				NorZon Plus
66252829856				Charger Plus
66252830612	4-1/2" x 1/4" x 7/8"	13,580	20	Gemini Fast Cut
66252830611				Gemini
66243578250				Charger Plus Fast Cut
66252828806	5" x 1/4" x 5/8" -11	12,225	5	NorZon Plus
66252829859				Charger Plus
66243578255				Charger Plus Fast Cut
66252828805	5" x 1/4" x 7/8"	12,225	20	NorZon Plus
66252829861				Charger
66252830617				Gemini Fast Cut
66252830615				Gemini
66243578254	6" x 1/4" x 5/8" -11	10,185	10	Charger Plus Fast Cut
66252832391				Charger Plus
66252832390	6" x 1/4" x 5/8" -11	10,185	10	Gemini
66243578258				Charger Plus Fast Cut
66252809376				NorZon Plus
66252809372	6" x 1/4" x 7/8"	10,185	20	Charger Plus
66252801865				Gemini
66243578259				Charger Plus Fast Cut
66252917881				NorZon Plus
66252929864	7" x 1/4" x 5/8" -11	8,600	10	Charger Plus
66252940147				Gemini Fast Cut
66252940148				Gemini Long Life
66243578243				Charger Plus Fast Cut
66252917880	7" x 1/4" x 7/8"	8,600	20	NorZon Plus
66252929865				Charger
66252940099				Gemini Fast Cut
66252940098				Gemini Long Life
66243578242	9" x 1/4" x 5/8" -11	6,600	10	Charger Plus Fast Cut
66253021634				NorZon Plus
66253029868				Charger Plus
66253049105				Gemini Fast Cut
66253049104	9" x 1/4" x 7/8"	6,600	20	Gemini Long Life
66253021633				NorZon Plus
66253029869				Charger Plus
66253049077				Gemini Fast Cut
66253048991	9" x 1/4" x 7/8"	6,600	20	Gemini Long Life
				Gemini Long Life

Depressed Center Wheels / Cut Off Wheels

Type 27 Wheels

Type 27 – 1/4" Aluminum - Grinding/Blending

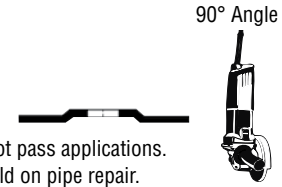


30° Angle

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66252830433	4-1/2" x 1/4" x 5/8"-11	13,580	20	Gemini A46
66252830627	4-1/2" x 1/4" x 7/8"	13,580	20	Gemini A46
66252940514	7" x 1/4" x 5/8"-11	8,600	10	Gemini A24
66252940515				Gemini A46
66252940516	7" x 1/4" x 7/8"	8,600	20	Gemini A24
66253049045	9" x 1/4" x 5/8"-11	6,600	10	Gemini A24

Type 27 – 1/8" Pipe Notching

- Triple reinforced.
- Cut on the face of the wheel for root pass applications.
- Clean weld joints or cutting out weld on pipe repair.



90° Angle

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66252939184	7" x 1/8" x 5/8" -11	8,600	10	NorZon Plus
66253049066	9" x 1/8" x 5/8" -11	6,600	10	NorZon Plus

Type 28 & 29 Wheels

Type 28 Saucer – 1/4" Metal/Steel

- Smooth, gouge-free grinding at shallow angles.



15° Angle

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66252905369	7" x 1/4" x 5/8"-11	8,600	10	NorZon Plus
66252905367				Charger Plus
66252940149				Gemini
66252905368	7" x 1/4" x 7/8"	8,600	20	NorZon Plus
66252940095				Gemini
66253006335	9" x 1/4" x 5/8"-11	6,600	10	NorZon Plus
66253006334				Charger Plus
66253049106				Gemini
66253006336	9" x 1/4" x 7/8"	6,600	20	NorZon Plus
66253049081				Gemini

Type 29 – 1/8" AVOS and Flexible - Grinding/Blending

- Polishing and blending.



15° Angle

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66252825236	4-1/2" x 1/8" x 5/8"-11	13,580	20	AVOS A36
66252830885				FLEX A36
66252833455				FLEX 36
66252833454	4-1/2" x 1/8" x 7/8"	13,580	20	FLEX A36
66252823473				AVOS A36
66252823474				AVOS A60
66252823475				AVOS A46 Alu
66252833456	5" x 1/8" x 7/8"	12,225	20	FLEX A36
66252823478				AVOS A36

Large Diameter Reinforced Flat Cutting-Off Wheels

Stationary Saws

Charger

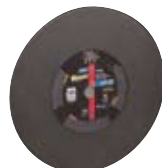
- A blend of premium zirconia alumina and aluminum oxide - Outperforms standard aluminum oxide up to 3X in life.
- High performance bond system - Over 25% better cut rate than standard aluminum oxide.



Better

Gemini

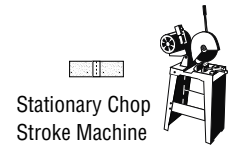
- Quality aluminum oxide abrasive - Sets the aluminum oxide industry standard for cutting all material in metal fabrication applications.



Good

Type 1: 10" - 20"

Stationary Saws



Stationary Chop Stroke Machine

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66253106108	10" x 3/32" x 5/8"	6,110	10	Charger
66253106101				Gemini Free Cut
66253106102				Gemini Long Life
66253207550	12" x 1/8" x 1"	5,095	10	Charger
66253207547				Gemini Free Cut
66253207548				Gemini Long Life
66253306623	14" x 1/8" x 1"	4,365	10	Charger
66253306609				Gemini Free Cut
66253306611				Gemini Long Life
66252830885	16" x 1/8" x 20mm	3,820	10	Metal
66252830886	16" x 1/8" x 1"	3,820	10	Metal
66253410194	16" x 5/32" x 1"	3,820	10	Charger
66253410183				Gemini Free Cut
66253410184				Gemini Long Life
69078609045	20" x 5/32" x 1"	2,710	5	Charger Free Cut
69078609046				Charger Long Life
69078609031				Gemini Free Cut
69078609032				Gemini Long Life
69078609033	20" x 3/16" x 1"	2,710	5	Gemini Free Cut
69078609034				Gemini Long Life

Note: 3/32", 1/8" and 5/32" thick wheels are side reinforced. 3/16" thick wheels are centrally reinforced.

Small Diameter Reinforced Cut-Off Wheels

NorZon - The Absolute Force

Fastest Initial Cut Rate

- Patented Norton SG (ceramic alumina) and NorZon (zirconia alumina) grain combination.
- Fastest initial cut of any wheel; highest productivity.
- Highly advanced bond system - Free, cool cut.
- State-of-the-art manufacturing.
- Superior wheel balance.
- Free Cut has up to 3X life over aluminum oxide wheels on carbon steel and cast iron.
- Free Cut has 40% faster cut rate over standard aluminum oxide wheels.



Best

Charger

- Versatile: ideal for stainless steel.
- A unique blend of premium NorZon (zirconia alumina) and aluminum oxide.
- 2X the life of aluminum oxide wheels.
- Free cutting.
- Effectively cuts a variety of metals from alloys and stainless to gray iron.
- Long life and economical performance to price ratio lower total cost.
- Superior product at a value price.



Better

Gemini

- All purpose wheels, competitively priced.
- Advanced formulation.
- Maximizes the performance of conventional aluminum oxide abrasive.
- Gemini Free Cut wheels: Engineered to cut hard materials.



Good

Type 1: 3" - 4"

Horizontal/Straight Shaft Grinder



Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66243510668	3" x .035" x 1/4"	25,465	25	NorZon Plus
66243510627				Gemini Free Cut
66243510669	3" x .035" x 3/8"	25,465	25	NorZon Plus
66243527753				Charger
66243510628				Gemini Free Cut
66243510651	3" x 1/8" x 3/8"	25,465	25	Gemini
66243510652	3" x 1/8" x 1/4"	25,465	25	Gemini
66243510653	3" x 1/8" x 3/8"	25,465	25	Gemini LL
66243510670	3" x 1/16" x 1/4"	25,465	25	NorZon Plus Free Cut
66243510645				Gemini Free Cut
66243510671	3" x 1/16" x 3/8"	25,465	25	NorZon Plus Free Cut
66243527755				Charger
66243510647				Gemini Free Cut
07660747767	3" x 1/16" x 3/8"	25,465	25*	Metal Free Cut Contractor 5 pack*
66243510674	4" x .035" x 1/4"	19,100	25	NorZon Plus
66243510629				Gemini Free Cut
66243510675	4" x .035" x 3/8"	19,100	25	NorZon Plus
66243527340				Charger
66243510630				Gemini Free Cut
66243510657	4" x .045" x 1/4"	19,100	25	Gemini
66243510661	4" x 1/8" x 3/8"	19,100	25	Gemini
66243510676	4" x 1/16" x 1/4"	19,100	25	NorZon Plus Free Cut
66243510654				Gemini Free Cut
66243510677	4" x 1/16" x 3/8"	19,100	25	NorZon Plus Free Cut
66243527338				Charger
66243510655				Gemini Free Cut

*5 wheels per contractor pack, 5 contractor packs per standard package

Right Angle Grinder Reinforced Flat Cut-Off Wheels

- Unique reinforcement design - Provides safety, strength and straight cuts.
- Extra thin - Quick cutting action and low kerf loss.

NZ Plus

- Premium abrasive and bond.
- Unique reinforcement design.
- Maximum productivity.
- Provides safety, strength and straight cuts.
- Quick cutting action and low kerf loss.



Best

Charger Right Cut

- Durable zirconia alumina abrasive.
- 3X the life and 2X the cut rate of standard aluminum oxide wheels.
- Excels on a broad range of materials, from alloys and stainless to gray iron.
- Maximum productivity; lowest total grinding costs.



Better

Gemini Right Cut

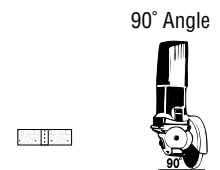
- Quality aluminum oxide grain.
- Consistent performance at a competitive price.
- Ideal for small jobs on a variety of metal applications from carbon to stainless steels.



Good

Type 1: 3" - 6"

Right Angle Grinder Cutting



Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66243527956	4" x .045" x 5/8"	15,280	25	Gemini
66243527955	4" x 3/32" x 5/8"	15,280	25	Gemini
66252830730	4-1/2" x .045" x 7/8"	13,580	25	NZ Plus
66252823602	4-1/2" x .045" x 7/8"	13,580	25	Gemini
66252826569	4-1/2" x .045" x 7/8"	13,580	25	Charger
66252823599	4-1/2" x 3/32" x 7/8"	13,580	25	Gemini
66252830731	5" x .045" x 7/8"	12,225	25	NZ Plus
66252823603	5" x .045" x 7/8"	12,225	25	Gemini
66252826570	5" x .045" x 7/8"	12,225	25	Charger
66252823600	5" x 3/32" x 7/8"	12,225	25	Gemini
66252830734	6" x .045" x 7/8"	10,185	25	NZ Plus
66252823604	6" x .045" x 7/8"	10,185	25	Gemini
66252826571	6" x .045" x 7/8"	10,185	25	Charger
66252823601	6" x 3/32" x 7/8"	10,185	25	Gemini

Cut-Off Wheels

High-Speed Reinforced Cut-Off Wheels

Gas, Electric-Powered and Walk-Behind Road Saws

- Metalworking - Versatile aluminum oxide.
- Ductile - Durable silicon carbide and aluminum oxide blend.
- Concrete - Sharp 24 grit silicon carbide.
- Asphalt - Coarse 16 grit silicon carbide.
- Asphalt/green concrete - Cold pressed silicon carbide blend.
- For higher performance on asphalt/green concrete - Hot pressed silicon carbide blend.



Good



Type 1: 12" - 18"

Gas & Electric Powered Saws

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
70184680310	12" x 1/8" x 20mm	6,360	10	Metal
70184680314				Ductile
70184680312				Concrete
70184670243				Asphalt
70184680311	12" x 1/8" x 1"	6,360	10	Metal
70184680315				Ductile
70184680313				Concrete
70184670083				Asphalt
70184680317	14" x 1/8" x 20mm	5,400	10	Metal
70184680321				Ductile
70184680319				Concrete
70184680318	14" x 1/8" x 1"	5,400	10	Metal
70184680322				Ductile
70184680320				Concrete
70184625269	16" x 1/8" x 20mm	4,700	10	Concrete
70184623029	16" x 1/8" x 1"	4,700	10	Concrete

Type 1: 12" - 18"

Walk-Behind Saws

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
70184671456	14" x 1/8" x 20mm Pin Hole	5,400	10	Asphalt
70184672877	14" x 1/8" x 1" Pin Hole	5,400	10	Asphalt
70184680323	14" x 3/16" x 1" Pin Hole	4,365	10	Concrete
70184680324				Asphalt
70184670100*				Asphalt/ Green Concrete
70184670533	14" x 1/4" x 1" Pin Hole	4,365	5	Concrete
70184670535				Asphalt
70184670099*				Asphalt/Green Concrete
70184670098	18" x 1/4" x 1" Pin Hole	4,250	5	Concrete
70184648998*	18" x 3/8" x 1"	4,250	5	Asphalt/Green Concrete

*Asphalt/Green Concrete wheels are hot-pressed for added strength.

Metal Seeking

Part No.	Size	Pkg.
66252832521	14" x 1/8" x 1"	10
66243578263	14" x 1/8" x 20mm	10

Rescue Blade

Part No.	Size	Pkg.
66243578262	14" x 1/8" x 1"	10
66243578260	14" x 1/8" x 20mm	10

Chop Saw Reinforced Flat Cutting-Off Wheels

- Free Cut - side reinforced - Engineered for larger cross-sections and/or hard-to-cut materials - Resist breakage and provide straight cuts
- Long Life - side reinforced - Ideal for small cross-section work pieces - Resist breakage and provide straight cuts
- Rapid Cut - centrally reinforced, rough sides - Free cutting, non-binding; burr - and burn-free cuts
- Aluminum - specially formulated bond for aluminum and other soft, non-ferrous metals; no wax or rubber fillers - Free cutting; resists loading - No surface contamination
- Steel Stud Cutter - thin, side-reinforced; aluminum oxide abrasive - Designed specifically for cutting steel studs

Type 1: 12" - 16"

Chop Saws



Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66253207552	12" x 7/64" x 1"	5,095	10	Charger
66253207554				Gemini Long Life
66253306624	14" x 7/64" x 1"	4,365	10	Charger Free Cut
66253306625				Charger Long Life
66253309614				Charger Rapid Cut
66253314816				Gemini Aluminum
66253306627				Gemini Free Cut
66253306626				Gemini Long Life
66253313588				Gemini Rapid Cut
07660789405				Stud Cutter
66253410196	16" x 7/64" x 1"	3,820	10	Charger Free Cut
66253410197				Charger Long Life
66253410198				Gemini Long Life

Bench and Pedestal Wheels

Premium White Aluminum Oxide

- White aluminum oxide in a premium vitrefied bond.
- Each wheel contains a nested bushing.
- Provides maximum cut rate and cool cutting action on hardened or high-speed tool steels.



Best

Gemini Alundum

- Quality gray aluminum oxide for metal cutting.
- Each wheel contains a nested bushing.
- Economically priced for general purpose applications.



Better

Gemini Crystolon

- Sharp green silicon carbide for non-ferrous cutting.
- Each wheel contains a nested bushing.
- Economically priced for general purpose applications.



Good

Part No.	Size (D x T x H)	RPM	Pkg.	Grit
07660788246	6" x 3/4" x 1"	4140	1	Med 60
07660788247				Fine 80
07660788248				Extra fine 150
04660788261	6" x 1" x 1"	4140	1	Med 60
07660788262				Fine 80
07660788263				Extra fine 150
07660788281	8" x 1" x 1"	3600	1	Med 60
07660788282				Fine 80
07660788283				Extra fine 150

Part No.	Size (D x T x H)	RPM	Pkg.	Grit
66252830649	5" x 1/2" x 1"	4965	1	Med 60/80
66252836132	6" x 1/2" x 1"	4140	1	Coarse 36/46
66252836131				Med 60/80
66252836133				Fine 80
66252836103	6" x 3/4" x 1"	4140	1	Coarse 36/46
66252836102				Med 60/80
66252836101				Fine 80
66252942292	7" x 1" x 1"	3600	1	Coarse 36/46
66252942294				Med 60/80
66252942295				Fine 80
66253044454	8" x 1" x 1"	3600	1	Very coarse 24
66253044449				Coarse 36/46
66253044448				Med 60/80
66253044447				Fine 80
66253160788	10" x 1" x 1-1/4"	2485	1	Very coarse 24
66253160787				Coarse 36/46
66253160789				Med 60/80
66253160350				Fine 100/120
66253161250	10" x 1-1/4" x 1-1/4"	2485	1	Med 60
66253161251				Fine 80
66253161393				Coarse 36/46
66253161395				Med 60/80
66253263052	10" x 1-1/2" x 1-1/4"	2070	1	Coarse 36/46
66253263053				Med 60/80
66253263054	12" x 2" x 1/4"	2070	1	Very coarse 24
66253263055				Coarse 36/46
66253263056				Med 60/80

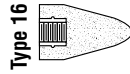
Part No.	Size (D x T x H)	RPM	Pkg.	Grit
66252836571	6" x 1/2" x 1"	4140	1	Med 60
66252836572				Fine 80
66252836573				Extra fine 120
66252837190	6" x 3/4" x 1"	4140	1	Med 60
66252837191				Fine 80
66252837192				Extra fine 120
66252837189	6" x 1" x 1"	4140	1	Med 60
66252837193				Fine 80
66252837194				Extra fine 120
66252942300	7" x 1" x 1"	3600	1	Med 60
66252942301				Fine 80
66252942302				Extra fine 120
66252942315	8" x 3/4" x 1"	3600	1	Coarse 36/46
66252942316				Med 60/80
66252942317				Fine 80
66253044087	8" x 1" x 1"	3600	1	Med 60
66253044534				Fine 80
66253044535				Extra fine 120
66253144536	10" x 1" x 1-1/4"	2485	1	Med 60
66253160366				Fine 80
66253263359	12" x 2" x 1/4"	2070	1	Med 60
66253263360				Fine 80

Cones & Plugs / Snagging Wheels

Cones and Plugs

Gemini 57A

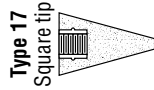
- 57A aluminum oxide abrasive.
- Strong performance to price relationship.
- For all steel, steel alloys and irons.
- For hard-to-reach areas inside castings.
- Removing flaws and cracks.
- Removing metal in corners.



Type 16 Cones

Horizontal / Straight Shaft Grinder

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
61463622342	1" x 3" x 3/8"-24 (ME 107019)	36,290	10	Gemini 57A24-R
61463622349	1-1/2" x 2-1/2" x 3/8"-24 (ME 44436)	24,190	10	Gemini 57A24-R
61463622190	1-1/2" x 3" x 5/8"-11 (ME 70535)	24,190	10	Gemini 57A24-R
61463614503	1-3/4" x 3" x 3/8"-24 (ME49226)	20,735	10	Gemini 57A24-R
61463622195	1-3/4" x 3" x 5/8"-11 (ME 33432)	20,740	10	Gemini 57A24-R
61463622218	2" x 3" x 5/8"-11 (ME 28229)	18,145	10	Gemini 57A24-R
61463622387	2-3/4" x 3-1/2" x 5/8"-11 (ME 18265)	13,195	10	Gemini 57A24-R



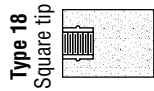
Type 17 Cones, Square Tip

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
61463622194	1-1/2 / 1/2" x 3" x 3/8"-24	24,190	10	Gemini 57A24-R



Type 17R Cones, Round Tip

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
61463615722	2 / 1/2" x 3" x 5/8"-11	18,145	10	Gemini 57A24-R



Type 18 Plugs, Square Tip

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
61463622217	1-1/2" x 2-1/2" x 3/8"-24	24,190	10	Gemini 57A24-R
61463622351	1-1/2" x 2-1/2" x 5/8"-11	24,190	10	Gemini 57A24-R
61463622191	1-1/2" x 3" x 5/8"-11	24,190	10	Gemini 57A24-R
61463622219	2" x 3" x 5/8"-11	18,145	10	Gemini 57A24-R
61463622366	2" x 4" x 5/8"-11	18,145	10	Gemini 57A24-R



Type 18R Plugs, Round Tip

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
61463622192	1-1/2" x 3" x 3/8"-24	24,190	10	Gemini 57A24-R
61463622220	2" x 3" x 5/8"-11	18,145	10	Gemini 57A24-R

Snagging Wheels

Gemini 57A, 57AC

- Versatile Aluminum Oxide Grain.
- Fully reinforced straight wheel for improved operator safety.
- 57A – aluminum oxide- For steel and steel alloys and irons.
- 57AC – aluminum oxide/silicon carbide blend - For dirty, scale-covered steel or iron parts.



Horizontal/Straight Shaft Grinder

Type 01, Straight

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66243522381	2-1/2" x 1/2" x 3/8"	21,700	10	57A24-RBRA
66243528831	3" x 1/4" x 3/8"	20,370	10	57A24-TBRA
66243522415	3" x 3/8" x 3/8"	18,080	10	57A24-RBRA
66243522417	3" x 1/2" x 3/8"	18,080	10	57A24-PBRA
66243522221	4" x 1/4" x 3/8"	15,280	10	57A24-RBRA
66252809563	6" x 1" x 5/8" (S Webs)	8,000	10	Gemini 57A16-QS
66253006883	8" x 1" x 5/8"	6,000	10	Gemini 57A16-QS

15° Angle



Portable Cup Grinder

Type 11, Flaring Cup

Part No.	Size (D x T x H)	RPM	Pkg.	Spec
66243510512	4/3" x 2" x 5/8"-11 Rim 3/4" Back 3/4" (ME 48976)	9070	10	Gemini 57A16-Q
66252809598	5/3-3/4" x 2" x 5/8"-11 Rim 1" Back 3/4" (ME 49857)	7260	10	Gemini 57A16-Q
66252825201	6 / 4-3/4" x 2" x 5/8"-11 Rim 1" Back 3/4" (ME22100)	6000	5	Gemini 57A16-Q
66252809618	6 / 4-3/4" x 2" x 5/8"-11 Rim 1-1/2"	6000	5	Gemini 57A16-Q
66252809608	Back 3/4" (ME 24180)			Gemini 57AC16-Q
66252809599	6/413/16" x 2" x 5/8"-11 Rim 11/2"	6000	5	Gemini 57A16-Q
66252809600	Steel back 3/4"(ME 71438)			Gemini 57AC16-Q

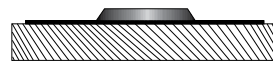
Flap Discs

General Information

- Stock removal.
- Blending welds.
- Edge chamfering.
- Deburring.
- Rust removal.
- Cleaning and finishing.



**Norton Type 29
Merit Type 27C (Conical)**



**Norton Type 27 Jumbo
Merit High Density**



Type 27

15° Angle



Right Angle Grinder



Vertical Shaft Grinder

Twinfiber Type 29

For Maximum Stock Removal

- Premium ceramic and zirconia alumina abrasives blend.
- Excellent performance and efficiencies on stainless and carbon steel applications.
- Durable, fiberglass back - Less pressure for aggressive stock removal - Long life.
- Type 29 - angled face; conical shape - Maximum contact with work surface without loading.



Best

TwinStar Type 27

For Fine Finishes

- Premium ceramic and zirconia alumina abrasives blend.
- Excellent performance and efficiencies on stainless and carbon steel applications.
- Type 27 - flat face; plastic back - Plastic wears away with abrasive - for longer life - More forgiving than Type 29. For producing smooth finishes.



Best

Charger R822 Type 29

R822, Type 29, Type 27 and Type 27 Jumbo

- High performance zirconia alumina abrasive - Aggressive cut and up to 30% longer life than aluminum oxide products.
- Durable, fiberglass-construction back - Less pressure for aggressive stock removal and long life.



Better

Merit Type 27C, Type 27

Type 27C, Type 27, High Density and Mini's

- High performance zirconia alumina grain with a phenolic resin backing - Fast cutting; fine finishes.



Good

Flap Discs / Mini Powerflex Holder

R822, T29, Type 27 and Type 27 Jumbo

Part No.	Size	Grit	RPM	Type	Pkg.	Spec
66261119265	4" x 5/8"	36	15,300	29	5	Charger R822
66261119264		40		29	5	Charger R822
66261119263		60		29	5	Charger R822
66261119262		80		29	5	Charger R822
66261119261		120		29	5	Charger R822
66261121291	4-1/2" x 5/8"-11	24	13,300	29	5	Charger R822
66261121290		36		29	5	Charger R822
66261121289		40		29	5	Charger R822
08834194803		27C		10	Merit Powerflex	
66261121288		60		29	5	Charger R822
08834194804		27C		10	Merit Powerflex	
66261121287		80		29	5	Charger R822
08834194805				27C	10	Merit Powerflex
66261121286				29	5	Charger R822
66261119271		4-1/2" x 7/8"		24	13,300	29
63642504329	36		29	10		TwinFiber
66261119270			29	5		Charger R822
08834194296			27C	10		Merit Powerflex
63642504330	40		29	10		TwinFiber
66261119269			29	5		Charger R822
08834194766			27C	10		Merit Powerflex
63642504331	60		29	10		TwinFiber
66261119268			29	5		Charger R822
08834194767			27C	10		Merit Powerflex
63642504332	80		29	10		TwinFiber
66261119267			29	5		Charger R822
08834194768			27C	10		Merit Powerflex
63642504333	120		29	5		TwinFiber
66261119266			29	5		Charger R822

Part No.	Size	Grit	RPM	Type	Pkg.	Spec.
66261119277	5" x 7/8"	24	12,250	29	5	Charger R822
66261119276		36		29	5	Charger R822
08834193649		40		27C	10	Merit Powerflex
66261119275				29	5	Charger R822
08834193650		60		27C	10	Merit Powerflex
66261119274				29	5	Charger R822
08834193651		80		27C	10	Merit Powerflex
66261119273				29	5	Charger R822
08834193652				27C	10	Merit Powerflex
66261119272		120		29	5	Charger R822
66261119289	7" x 5/8"-11	24	8,600	29	5	Charger R822
66261119288		36		29	5	Charger R822
66261119287		40		29	5	Charger R822
08834197210				27C	10	Merit Powerflex
66261119286		60		29	5	Charger R822
08834197212				27C	10	Merit Powerflex
66261119285		80		29	5	Charger R822
08834197213				27C	10	Merit Powerflex
66261119284		120		29	5	Charger R822
66261119283		7" x 7/8"		24	8,600	29
08834197194	36		27C	10		Merit Powerflex
63642504334			29	10		TwinFiber
66261119282	40		29	5		Charger R822
08834197195			27C	10		Merit Powerflex
63642504335	60		29	10		TwinFiber
66261119281			29	5		Charger R822
08834194777	80		27C	10		Merit Powerflex
63642504336			29	10		TwinFiber
66261119280	120		29	5		Charger R822
08834197199		27C	10	Merit Powerflex		
63642504337		29	10	TwinFiber		
66261119279		29	5	Charger R822		
08834197204	27C	10	Merit Powerflex			
63642504338		29	10	TwinFiber		

Mini Powerflex Holder



Part No.	Description	Std. Pkg.
08834160172	Mini Powerflex Type III Holder	1
08834168539	T11 Merit holder for mini flap discs	1

Fits 2" and 3" Merit Flap Discs.

Flap Discs

Type 27

Part No.	Size	Grit	RPM	Pkg.	Spec		
08834195020	2" Type II Turn-on	36	24,000	10	Merit Powerflex		
08834195021		40			Merit Powerflex		
08834195022		60			Merit Powerflex		
08834195023		80			Merit Powerflex		
08834195024		120			Merit Powerflex		
08834195035	3" Type II Turn-on	36	20,000	10	Merit Powerflex		
08834195036		40			Merit Powerflex		
08834195037		60			Merit Powerflex		
08834195038		80			Merit Powerflex		
08834195039		120			Merit Powerflex		
63642536153	4" x 5/8"	40	15,300	10	TwinStar		
63642536154		60			TwinStar		
63642536155		80			TwinStar		
63642503510	4-1/2" x 5/8"-11	36	13,300	5	Charger R822		
63642503511		40			Charger R822		
63642503512		60			Charger R822		
63642503513		80			Charger R822		
63642536147		40			TwinStar		
63642536148		60			TwinStar		
63642536149		80			TwinStar		
63642504876		4-1/2" x 7/8"			36	13,300	10
63642504877	40		TwinStar				
66261134069	5		Charger R822				
63642504878	60		10	TwinStar			
66261134070	5		Charger R822				
63642504879	80		10	TwinStar			
66261134071	5		Charger R822				
63642505279	120		10	TwinStar			
63642505281	5" x 7/8"		36	12,250	10		TwinStar
63642503514			5				Charger R822
63642505282		40	10		TwinStar		
63642503515		5	Charger R822				
63642505283		60	10		TwinStar		
63642503516		5	Charger R822				
63642505284		80	10		TwinStar		
63642505285		120	10		TwinStar		
63642503518		7" x 5/8"-11	36		8,600	5	Charger R822
63642503519			40				Charger R822
63642503520	60		Charger R822				
63642503521	80		Charger R822				
63642536150	40		TwinStar				
63642536151	60	8,500	TwinStar				
63642536152	80	TwinStar					
63642504880	7" x 7/8"	36	8,600	10	TwinStar		
63642504881		40			TwinStar		
66261134072		5		Charger R822			
63642504882		60		10	TwinStar		
66261134073		5		Charger R822			
63642504883		80		10	TwinStar		
66261134074		5		Charger R822			
63642505280		120		10	TwinStar		

Type 27 Jumbo / High Density

Part No.	Size	Grit	RPM	Pkg.	Spec
63642503527	4-1/2" x 5/8"-11	40	13,300	5	Charger Jumbo R822
63642503528		60			Charger Jumbo R822
63642503529		80			Charger Jumbo R822
63642503531	4-1/2" x 7/8"	40	13,000	5	Charger Jumbo R822
08834190172				10	Merit High Density Powerflex
63642503532		5		Charger Jumbo R822	
08834190767		60		10	Merit High Density Powerflex
63642503533		5		Charger Jumbo R822	
08834194360	80	10	Merit High Density Powerflex		
63642503539	7" x 5/8"-11	40	8,600	5	Charger Jumbo R822
63642503540		60			Charger Jumbo R822
63642503535	7" x 7/8"	40	8,600	5	Charger Jumbo R822
08834190933				10	Merit High Density Powerflex
63642503536		5		Charger Jumbo R822	
08834194514		60		10	Merit High Density Powerflex
63642503537		5		Charger Jumbo R822	
08834194362	80	10	Merit High Density Powerflex		

Type 29

Part No.	Size	Grit	RPM	Pkg.	Spec
63642536156	4-1/2" x 5/8"-11	40	13,300	5	TwinStar
63642536157		60			TwinStar
63642536158		80			TwinStar
63642541406	6" x 7/8"	40	10,200	10	TwinFibre
63642541407		60			TwinFibre
63642541408		80			TwinFibre
63642536159	7" x 5/8"-11	40	8,600	5	TwinFibre
63642536160		60			TwinFibre
63642536161		80			TwinFibre

TECH TIPS

- Operate Type 29/27C flap discs at a 15° – 25° angle.
- Operate Type 27 (Regular and Jumbo/ High Density) flap discs at an angle less than 15°.
- More severe angles will weaken flap edges.
- Use one grit size coarser than fibre discs, except in 36 grit.



It is the user's responsibility to refer to and comply with ANSI B7.1.

General Information

- Material removal.
- Weld grinding and blending.
- Light deburring and finishing.



Right Angle Grinder

GreenLyte SG F968 and GreenLyte Plus SG F986

- Greatest productivity.
- Premium, dense, self-sharpening SG ceramic abrasive grain with a unique coating design - Faster initial cut rate, longer life and improved finishes versus competitive ceramic - Greatest productivity vs. any fibre disc and lowest total costs - Greater chip clearance; minimal loading.
- F986 has a self-lubricating, supersizing treatment - Superb on stainless steel and steel alloys - Provides better finishes and longer life.
- F968 versatility - The choice for grinding and finishing carbon steel, mild steel, cast iron and welds.
- 7" and 9-1/8" discs have doming - Design ideal for edges and corners - Better shape control; resists curling.



Best

Norzon Plus F826

- Ideal on stainless, alloy, and high pressure applications.
- Premium self-sharpening zirconia aluminum abrasive.
- Fast, aggressive cutting - Self-sharpens with use.
- Advanced resin bond technology with enhanced grain adhesion - More parts per hour to lower grinding costs.



Better

Merit Ceramic

- The economical choice for heavy stock removal.
- High performance ceramic alumina abrasive on a heavy fibre backing - Engineered for heavy stock removal.
- Economically priced - The choice when price is a main consideration.



Better

Merit Zirconia

- The economical choice for stainless steel applications.
- Durable zirconia alumina abrasive on a heavy fibre backing.
- Great performance on stainless steel at an economical price.



Better

Gemini Metalite F226

- Versatile performance for all MRO applications.
- Tough, versatile aluminum oxide abrasive - Fast initial cut.
- Ideal for general purpose application.



Good

Merit Aluminum Oxide

- Priced right for general purpose applications.
- Quality aluminum oxide grain on a heavy fibre backing.
- Economically priced, good for small job shops and general purpose application.



Good

Fibre Discs

Abrasives and Industrial Brushes

Coated

∞

Part No.	Size	Grit	Pkg.	Spec
66261133434	4" x 5/8"	24	25	Gemini Metalite F226
66261133433		36		Gemini Metalite F226
66261133432		50		Gemini Metalite F226
66261133431		60		Gemini Metalite F226
66261133430		80		Gemini Metalite F226
66261133429		100		Gemini Metalite F226
66261133428		120		Gemini Metalite F226
66261141306	4-1/2" x 7/8"	24	25	GreenLyte SG Plus F986
66261141313				GreenLyte SG F968
66261138457				NorZon Plus F826
66623355601				Merit Ceramic
66623353315				Merit Z/A
66261133519				Gemini Metalite F226
66623353309				Merit A/O
66261141305	4-1/2" x 7/8"	36	25	GreenLyte SG Plus F986
66261141312				GreenLyte SG F968
66261138456				NorZon Plus F826
66623355602				Merit Ceramic
66623353316				Merit Z/A
66261133517				Gemini Metalite F226
66623353306				Merit A/O
66261141304	4-1/2" x 7/8"	50	25	GreenLyte SG Plus F986
66261141311				GreenLyte SG F968
66261138454				NorZon Plus F826
66623355603				Merit Ceramic
66623353318				Merit Z/A
66261133515				Gemini Metalite F226
66623353310				Merit A/O
66261141303	4-1/2" x 7/8"	60	25	GreenLyte SG Plus F986
66261141310				GreenLyte SG F968
66261138453				NorZon Plus F826
66623355604				Merit Ceramic
66623353319				Merit Z/A
66261133513				Gemini Metalite F226
66623353311				Merit A/O
66261141302	4-1/2" x 7/8"	80	25	GreenLyte SG Plus F986
66261141309				GreenLyte SG F968
66261138452				NorZon Plus F826
66623353320				Merit Z/A
66261133511				Gemini Metalite F226
66623353312				Merit A/O
66261141308				4-1/2" x 7/8"
66261133509	Gemini Metalite F226			
66623353313	Merit A/O			

Part No.	Size	Grit	Pkg.	Spec
66261141307	4-1/2" x 7/8"	120	25	GreenLyte SG F968
66261133507				Gemini Metalite F226
66623353314				Merit A/O
66261133617	5" x 7/8"	16	25	Gemini Metalite F226
66261141301	5" x 7/8"	24	25	GreenLyte SG Plus F986
66261141320				GreenLyte SG F968
66261138563				NorZon Plus F826
66623355597				Merit Ceramic
66623357290				Merit Z/D112A
66261133615				Gemini Metalite F226
66623357276				Merit A/O
66261141300	5" x 7/8"	36	25	GreenLyte SG Plus F986
66261141319				GreenLyte SG F968
66261138562				NorZon Plus F826
66623355598				Merit Ceramic
66623357291				Merit Z/A
66261133610				Gemini Metalite F226
66623357277				Merit A/O
66261141299	5" x 7/8"	50	25	GreenLyte SG Plus F986
66261141318				GreenLyte SG F968
66261138561				NorZon Plus F826
66623355599				Merit Ceramic
66623357292				Merit Z/A
66261133605				Gemini Metalite F226
66623357278				Merit A/O
66261141298	5" x 7/8"	60	25	GreenLyte SG Plus F986
66261141317				GreenLyte SG F968
66261138601				NorZon Plus F826
66623355600				Merit Ceramic
66623357293				Merit Z/A
66261133600				Gemini Metalite F226
66623357279				Merit A/O
66261141297	5" x 7/8"	80	25	GreenLyte SG Plus F986
66261141316				GreenLyte SG F968
66261138600				NorZon Plus F826
66623357294				Merit Z/A
66261133595				Gemini Metalite F226
66623357280				Merit A/O
66261141315				5" x 7/8"
66261133590	Gemini Metalite F226			
66623357281	Merit A/O			
66261141314	5" x 7/8"	120	25	GreenLyte SG F968
66261133585				Gemini Metalite F226
66623357282				Merit A/O

AVOS Edger Speed-Lok Back-up Pads & Discs

- Discs feature Norton quick, tool-free, twist-on and off Speed-Lok fasteners. They lock to back-up pads but are easily removed, increasing your grinding time and productivity.
- Molded rubber back-up pads provide quick-change convenience. All pads have a 5/8"-11 threaded female hub. These pads can be adapted for use on conventional 7/8" center hole fiber discs by using a 66NS retainer nut to mount the disc to the Speed-Lok pad.

Part No.	Size	Grit	Pkg.	Spec
66261129718	4-1/2"	24	10/40	Norzon Plus F826 Discs
66261129719		36		
66261129720		50		
66261129721		60		
66261129722		80		
63642502985	4-1/2" x 5/8"-11	N/A	5	AVOS Edger Back-Up Pads

Part No.	Size	Grit	Pkg.	Spec			
66261133760	7" x 7/8"	16	25	Gemini Metalite F226			
66261141296*	7" x 7/8"	24	25	GreenLyte SG Plus F986			
66261141327*				GreenLyte SG F968			
66261138594				NorZon Plus F826			
66623355578				Merit Ceramic			
66623357295				Merit Z/A			
66261133755				Gemini Metalite F226			
66623357283				Merit A/O			
66261141295*				7" x 7/8"	36	25	GreenLyte SG Plus F986
66261141326*	GreenLyte SG F968						
66261138593	NorZon Plus F826						
66623355594	Merit Ceramic						
66623357296	Merit Z/A						
66261133750	Gemini Metalite F226						
66623357284	Merit A/O						
66261141294*	7" x 7/8"	50	25				GreenLyte SG Plus F986
66261141325*				GreenLyte SG F968			
66261138592				NorZon Plus F826			
66623355595				Merit Ceramic			
66623357297				Merit Z/D169A			
66261133745				Gemini Metalite F226			
66623357285				Merit A/O			
66261141293*				7" x 7/8"	60	25	GreenLyte SG Plus F986
66261141324*	GreenLyte SG F968						
66261138591	NorZon Plus F826						
66623355596	Merit Ceramic						
66623357298	Merit Z/A						
66261133740	Gemini Metalite F226						
66623357286	Merit A/O						
66261141292*	7" x 7/8"	80	25				GreenLyte SG Plus F986
66261141323*				GreenLyte SG F968			
66261138590				NorZon Plus F826			
66623357299				Merit Z/A			
66261133735				Gemini Metalite F226			
66623357287				Merit A/O			
66261141322*				7" x 7/8"	100	25	GreenLyte SG F968
66261133730							Gemini Metalite F226
66623357288	7" x 7/8"	120	25	Merit A/O			
66261141321*				GreenLyte SG F968			
66261133725				Gemini Metalite F226			
66623357289	9-1/8" x 7/8"	16	25	Merit A/O			
66261133890				Gemini Metalite F226			

*All 7" x 7/8" and 9-1/8" x 7/8" GreenLyte F968 and GreenLyte Plus F986 discs feature our domed design.
**Not all sizes and grits listed. Please call customer service for additional options.

Part No.	Size	Grit	Pkg.	Spec
66261141290*	9-1/8" x 7/8"	24	25	GreenLyte SG Plus F986
66261141344*				GreenLyte SG F968
66261138584				NorZon Plus F826
66261133885				Gemini Metalite F226
66261141289*	9-1/8" x 7/8"	36	25	GreenLyte SG Plus F986
66261141343*				GreenLyte SG F968
66261138583				NorZon Plus F826
66261133880				Gemini Metalite F226
66261141288*	9-1/8" x 7/8"	50	25	GreenLyte SG Plus F986
66261141342*				GreenLyte SG F968
66261138582				NorZon Plus F826
66261133875				Gemini Metalite F226
66261141287*	9-1/8" x 7/8"	60	25	GreenLyte SG Plus F986
66261141341*				GreenLyte SG F968
66261133870	9-1/8" x 7/8"	80	25	Gemini Metalite F226
66261141286*				GreenLyte SG Plus F986
66261141340*				GreenLyte SG F968
66261133865				Gemini Metalite F226
66261141339*	9-1/8" x 7/8"	100	25	GreenLyte SG F968
66261133860				Gemini Metalite F226
66261133855	9-1/8" x 7/8"	120	25	Gemini Metalite F226

*All 7" x 7/8" and 9-1/8" x 7/8" GreenLyte F968 and GreenLyte Plus F986 discs feature our domed design.
**Not all sizes and grits listed. Please call customer service for additional options.



Air-Cooled Rubber Back-Up Pads

- Designed for medium to heavy grinding applications.
- Slotted aluminum hub design draws cool air behind the disc.
- Curved ribs on the rubber face force heat away from the disc and back-up pad.
- Cooler cutting action reduces disc loading and increases grinding life.
- All pads have a 5/8"-11 threaded female hub for mounting.
- Firm pads provide more aggressive cut; medium pads offer greater flexibility.
- Use with Norton and Merit fibre discs to maximize cut and life.

Part No.	Description	Max. RPM	Std. Pkg.
63642504918	4" Medium	12,000	5
63642502122	4-1/2" Medium	11,000	5
63642543421	5" Medium	10,000	5
63642543425	7" Firm	8,600	5
63642543422	7" Medium	8,600	5
63642543426	9" Firm	6,600	5
63642543423	9" Medium	6,600	5
63642543463	#103 Retainer Nut	-	10
63642543005	#834 Retainer nut spanner wrench	-	5
63642543461	66NS Short Retainer Nut	-	10

Backing Pads



Part No.	Diameter	Backing Nut	Use on	RPM
623279000	4-1/2"	M14	4-1/2" grinders & other grinders w/ M14 spindle	13,000
623281000	7"	5/8"-11	6" and 7" or 9" sander/grinders w/ 5/8"-11 spindle	8,500
623282000	9"	5/8"-11	9" sander/grinders w/ 5/8"-11 spindle	6,600
623283000	4-1/2"	5/8"-11	4-1/2" grinders & other grinders w/ 5/8"-11 spindle	13,000
623284000	5"	5/8"-11	5" grinders & other grinders w/ 5/8"-11 spindle	12,000

Hand Pads

General Purpose

- 847: features a perforation to allow for a smooth, shred-free split to create two smaller, easy-to-use 4-1/2" x 6" pads.
- 747: no color bleeding when working with solvents.
- Grit size: very fine
- Maroon color.
- Aluminum oxide abrasive.
- 60 ct. 6" x 9" pads per package.

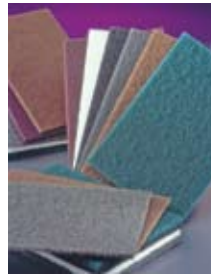


Best

Part No.	Product No.	Size	Color	Abrasive	Grit Size	Std. Pkg.
66261074700	747	6" x 9"	Maroon	Aluminum oxide	Very fine	60
66261084700	847	6" x 9"	Maroon	Aluminum oxide	Very fine	60

Bear-Tex

- Flexible pads conform to work surface.
- Gentle action easily removes flashing or burrs without affecting dimension of workplace.
- Non-loading to provide a constant supply of new cutting edges.
- Non-rusting.
- Solvent resistant and waterproof.
- Easily cut to desired size.
- Food Pro Pad (696) meets FDA/USDA and Canadian food industry standards.



Good

Part No.	Product No. / Description	Size	Color	Type	Abrasive	Grit Size	Std. Pkg.
66261045600	456	6" x 9"	White	Light-duty cleaning	N/A	N/A	60
66261063500	635	6" x 9"	Gray	Clean & finish	Silicon carbide	UF	60
66261069600	696	6" x 9"	Lt. green	Food Pro	Aluminum oxide	VF	2880
66261074000	740	6" x 9"	Tan	Heavy-duty	Aluminum oxide	Med	60
66261074600	746	6" x 9"	Gray	Metal blend	Silicon carbide	Med	60
66261074800	748	6" x 9"	Gray	Final shine	Silicon carbide	MF	60
66261077700	777	6" x 9"	Maroon	Long life	Aluminum oxide	VF	60
66261079600	796	6" x 9"	Green	Scouring	Aluminum oxide	VF	60
66261085100	851	6" x 9"	Gray	General purpose, perforated	Aluminum oxide	VF	60
66261047583	Hand pad holder	3-1/4" x 5-1/2"	-	-	-	-	10

Sponge Pads

Bear-Tex material is laminated to a top quality, long-lasting sponge for the convenience of 2 pads in one.



Good

Part No.	Product No.	Size	Color	Abrasive	Grit Size	Std. Pkg.
66261059402	875	3-1/4" x 6-14" x 3/4"	White/Yellow	N/A	N/A	60
66261059403	893	3-1/4" x 6-14" x 3/4"	Green/Yellow	Silicon carbide	VF	60

Roll Assortment

Bear-Tex rolls may be cut for use in jitterbug sanding or on-hand sanding applications. This convenient dispenser box contains three 2 inch wide x 15 foot long rolls.

- Contains 1 package. Package includes one of each type (3 rolls).

Part No. 66261008108



Better

Type	Abrasive	Grit
1	Aluminum oxide	Fine
2	Aluminum oxide	Very fine
3	Silicon carbide	Micro fine

Bear-Text Surface Finishing Products

STE and SCF Discs and Belts

Norton Bear-Text surface blending material is now available in all three tiers. With four different stock product lines, and grit sizes of extra coarse to very fine, STE and SCF discs and belts perform well under a wide range of applications: from removing engine gaskets, and finishing nickel alloy turbine blades, to heavy deburring of aluminum and steel.

- Removing surface defects.
- Removing light edge burrs, parting lines or flashing.
- Removing rust oxides, corrosion, paints and scale.
- Cleaning molds.
- Blending mill marks, tool marks, uneven edges and coated abrasive finish.
- Color-coded grit sizes.
- Conformable.
- Uniform, thorough abrasive coating.
- Disc configurations: Hook and Loop; TR and TS Speed-Lok.
- Belt configurations: up to 37" width; Plyweld, butt joint; low stretch backing available in several product lines.



Good Better Good

Part No.	Part No.	Part No.	Size	Abrasive	Grit size	Std. Pkg.
	66261017800	66261004431	2" Blank	A/O	Coarse	80
	66261017801	66261004441			Medium	
		66261004451			Very fine	
66261055015	66261017802	66261004432	3" Blank	A/O	Coarse	60
66261055016	66261017803	66261004442			Medium	
		66261004452			Very fine	
66261055018	66261017804	66261004433	4" Blank	A/O	Coarse	40
66261055019	66261017805	66261004443			Medium	
		66261004453			Very fine	
	66261017806	66261004434	4-1/2" Blank	A/O	Coarse	40
	66261017807	66261004444			Medium	
		66261004454			Very fine	
66261055021	66261017808	66261004435	5" Blank	A/O	Coarse	40
66261055022	66261017809	66261004445			Medium	
		66261004455			Very fine	
66261055024	66261017810	66121006910	6" Blank	A/O	Coarse	30
66261055025	66261017811	66121006911			Medium	
		66261006912			Very fine	
66261055027	66261017812	66261004436	7" Blank	A/O	Coarse	25
66261055028	66261017813	66261004446			Medium	
		66261004456			Very fine	
	66261017514	66261006913	8" Blank	A/O	Coarse	20
	66261017515	66261006914			Medium	
		66261006915			Very fine	

NEX Unified Wheels

Designed for maintenance operations needing an efficient and cost-effective method of deburring, polishing, cleaning or finishing of metals or composites.

- Uniform construction.
- High quality virgin nylon fiber and unique resin formulation.
- Smear-resistant formula.
- Extra long life.
- Optimal combination of cut rate, life, finish and hardness/flexibility.
- Excellent, consistent, smear-free finish.



Best

Part No.	Size DxTxH	Spec	Max RPM	Max Pkg.
66261014891	1" x 1" x 3/16"	NEX-2AM	35,100	50
66261014883		NEX-2SF		
66261014900		NEX-6AF		
66261014904		NEX-6SF		
66261014908		NEX-6AM		
66261014915		NEX-8AC		
66261014924		NEX-8AM		
66261014923		NEX-8SF		
66261014897	2" Speed-Lok TR	NEX-2AM	18,000	60
66261014889		NEX-2SF	22,100	
66261015328		NEX-4AF		
66261014911		NEX-6AM		
66261014906		NEX-6SF		
66261014921		NEX-8AC		
66261014935	NEX-8AM			
66261014927	2" x 1/8" x 1/4"	NEX-8AM	22,100	60
66261014892	2" x 1/4" x 1/4"	NEX-2AM	18,000	60
66261014884		NEX-2SF	22,100	
66261014901		NEX-6AF		
66261014916		NEX-8AC		
66261014926		NEX-8AM		
66261014964		NEX-8SM		
66261014925	2" x 1/2" x 1/4"	NEX-8AM		22,100
66261014898	3" Speed-Lok TR	NEX-2AM	12,100	40
66261014890		NEX-2SF		
66261015419		NEX-4AF		
66261014912		NEX-6AM		
66261014907		NEX-6SF	18,100	
66261014922		NEX-8AC		
66261014922		NEX-8AC		
66261014936		NEX-8AM		

Part No.	Size DxTxH	Spec	Max RPM	Max Pkg.		
66261014934	3" x 1/8" x 1/4"	NEX-8AM	18,100	40		
66261014984	3" x 1/4" x 1/4"	NEX-2AM	12,100	40		
66261014886		NEX-2SF				
66261015565		NEX-4AF	18,100			
66261014902		NEX-6AF				
66261014909		NEX-6AM				
66261014919		NEX-8AC				
66261014930		NEX-8AM				
66261014937		NEX-8SM				
66261014895		NEX-2AM			12,100	40
66261014887		NEX-2SF				
66261014899	NEX-4AF	18,100				
66261014905	NEX-6SF					
66261014910	NEX-6AM					
66261014920	NEX-8AC					
66261014933	NEX-8AM					
66261014965	NEX-8SM					
66261014893	3" x 1/2" x 1/4"		NEX-2AM	12,100	20	
66261014885			NEX-2SF	18,100		
66261014917		NEX-8AC				
66261014928		NEX-8SM				
66261014913	3" x 1/2" x 3/8"	NEX-7SXC	14,100		20	
66261014918		NEX-8AC	18,100			
66261014929	NEX-8AM					
66261014914	3" x 1" x 3/8"	NEX-7SXC	14,100	10		
66261014931	6" x 1/2" x 1"	NEX-8AM	7,500	4		
66261014896	6" x 1" x 1"	NEX-2AM	5,000	2		
66261014888		NEX-2SF				
66261015903		NEX-6AF	7,500			
66261014932		NEX-8AM				

Surface Finishing Products

**Back-up Pads for Bear-Tex Discs
For Hook & Loop Discs**

- Surface blending STE and SCF discs feature a hook & loop fastening system.



Part No.	Diameter	Spindle or Hole Size	Max RPM	3M Equivalent	Std. Pkg.
66261059350	1-1/2"	1/4" Steel shank	25,000	9215	5
66261059352	2"	1/4" Steel shank	23,000	922	
66261059354	3"	1/4" Steel shank	20,000	923	
66261059356	4"	1/4" Steel shank	13,000	924	
66261059303		1/2"-13"		914	
66261059304		5/8"-11"		914	
66261059305		M10 x 1.250			
66261059307		M14		914	
66261006948	4-1/2"	5/8"-11"	10,000	9145	
66261059360	5"	5/16"-24" male		905	
66261059308		3/8"-24" male		905	
66261059309		1/2"-13"		915	
66261059310		5/8"-11"		915	
66261059364	6"	5/8"-11" male*	906		
66261059312		5/8"-11"	8,000	916	
66261059368	7"	5/8"-11"	6,000	917	
66261059372	8"	5/8"-11"	4,500	918	

For Speed-Lok Discs

- Speed-Lok TS discs are compatible with the Norton Speed-Lok TS and standard abrasives quick change fastening systems.
- Speed-Lok TR discs are compatible with the Norton Speed-Lok TR and 3M ROLOC fastening systems.



TS Disc



TR Disc

Part No.	Description	Size	Max RPM	Std. Pkg.
63642543205	Hard Speed-Lok TS	2"	30,000	10
63642543210	Medium Speed-Lok TS		25,000	
66261055103	Medium Speed-Lok TR	3"	20,000	
63642543220	Hard Speed-Lok TS			
63642543225	Medium Speed-Lok TS			
63642804900	Hard Speed-Lok TR			
66261055105	Medium Speed-Lok TR	4"	12,000	
66261043232	Medium Speed-Lok TS			
66261047581	Medium Speed-Lok TR			
66261016581	Speed-Lok TR+		8,000	

Rapid Strip Discs and Depressed Center Wheels

An open web of thick, strong synthetic fibers and extra coarse abrasive, bonded together by a smear-resistant adhesive allows cleaning and conditioning of a multitude of materials, quickly and easily with little loading.

- Thick, strong, synthetic fibers and extra coarse grit.
- Open web construction.
- Conformable.
- Used with portable tools.
- 2" and 3" discs with Speed-Loc TR fastener.
- New 4" TR+ discs.



Best

Part No.	Size D x H	Max. RPM	Abrasive	Grit	Std. Pkg.
Rapid Strip Discs					
66261013402	2" Speed-Loc TR	15,500	Silicon carbide	Extra coarse	10
66261059403	3" Speed-Loc TR	12,000	Silicon carbide	Extra coarse	10
66261016580	4" Speed-Loc TR	8,000	Silicon carbide	Extra coarse	10
66261008008	4" x 1/4"	8,000	Silicon carbide	Extra coarse	25
66261007916	4" x 1/2"	8,000	Silicon carbide	Extra coarse	25
66261008051	6" x 1/2"	5,500	Silicon carbide	Extra coarse	15
Rapid Strip Depressed Center Wheels					
66261020547	4-1/2" x 7/8" NEX-2AF	11,000	Silicon carbide	Extra coarse	10
66261020548	4-1/2" x 7/8" NEX-2AM	11,000	Silicon carbide	Extra coarse	10
66261020549	4-1/2" x 7/8" A/O M High Strength	11,000	Silicon carbide	Extra coarse	10
66261009649	4-1/2" x 7/8"	11,000	Silicon carbide	Extra coarse	10
66261009585	4-1/2" x 5/8"-11"	11,000	Silicon carbide	Extra coarse	10
66261009586	7" x 7/8"	8,000	Silicon carbide	Extra coarse	10
66261009650	7" x 5/8"-11"	8,000	Silicon carbide	Extra coarse	10

Abrasive Brushes

Tough, flexible nylon filaments embedded with abrasive grain form the bristles of these brushes. Use Bear-Tex abrasive brushes where maximum conformability is needed.

Part No. 63642543422 - 7" Medium Back-Up Pad

- 6,000 max RPM
- Std. Pkg. 5

Part No. 63642543463 - #103 Retainer Nut

- Std. Pkg. 10

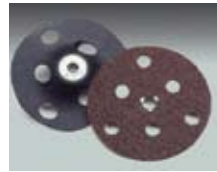
Good

Part No.	Size	Abrasive	Grit	Std. Pkg.
66261058830	7" x 1" x 7/8"	Silicon carbide	80	5
66261058834	7" x 1" x 7/8"	Silicon carbide	120	5

AVOS Edger Speed-Lok Discs

Made of non-woven nylon web impregnated with abrasive grain and resin for use in a variety of applications. Choose one of three grit specifications to achieve the best results for your application.

- Light deburring.
- Cleaning and rust removal.
- Finishing, polishing and paint preparation.
- Patented scooped hole design.
- 15° angle back-up pad.
- Coarse removes 60-120 grit.
- Medium removes 120-180 grit guidelines.
- Very fine removes 180-320 grit guidelines.



Better

Part No.	Size	Grit	Std. Pkg.
66261010447	4-1/2" Edger Speed-Lok	A/O Coarse	40
66261010448		A/O Medium	
66261010449		A/O Very Fine	
66261009427	5" Edger Speed-Lok	A/O Coarse	40
66261009428		A/O Medium	
66261009429		A/O Very Fine	
66261009430	7" Edger Speed-Lok	A/O Coarse	40
66261009431		A/O Medium	
66261009432		A/O Very Fine	

Mandrel Assemblies and Threaded Mandrels for Unified Wheels and Discs on Edge

Mandrel Assemblies

Part No.	Fits Wheel Center Hole	Wheel Widths	Wheel Diameter	Shank Diameter	Overall Length	Washer Diameter	3M Equivalent	Std. Pkg.
66261009849	1/8" - 3/16"	Up to 1/2"	Up to 2"	1/8"	1-3/4"	7/16"	931	1
66261009852	3/16"	1/8" - 1/2"	1" - 2"	1/4"	2"	7/16"	994	1
66261015146	1/4" - 5/16"	Up to 1/2"	Up to 2"	1/4"	2"	5/8"	932	1
66261059422	1/4" - 5/16"	Up to 1"	Up to 2"	1/4"	2-1/2"	5/8"	932	1
66261059421	1/4" - 5/16"	Up to 1"	2" - 3"	1/4"	2-1/2"	1"	933	1
66261009851	3/8"	Up to 1/2"	2" - 4"	1/4"	2-1/2"	1"	990	1
66261009850	1/2"	Up to 1"	3" - 6"	1/4"	3-1/8"	1-5/8"	934	1

Threaded Mandrels

Part No.	Shank Length	Shank Diameter	Center Hole	Use with Unified Wheel	3M+ Equivalent	Std. Pkg.
66261047584	1/4"	3/16"	3/16"	1" x 1" x 3/16"	948	5